

Cover Page

Order ID : Q2177

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number

Q2177-01
Q2177-02
Q2177-03
Q2177-04
Q2177-05
Q2177-06
Q2177-07
Q2177-08
Q2177-09

Client Sample Number

B-187-SB00
B-187-SB01
B-187-SB01
B-187-SB02
B-187-SB02
B-202-SB01
B-202-SB01
EB05312025
TB05312025

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: 6/7/2025

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 #: Q2177

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: PRADIP PRAJAPATI

Date: 06/07/2025

LAB CHRONICLE

OrderID:	Q2177	OrderDate:	6/2/2025 11:19:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2177-03	B-187-SB01	TCLP	TCLP BNA	8270E	05/31/25	06/04/25	06/06/25	06/02/25
Q2177-05	B-187-SB02	TCLP	TCLP BNA	8270E	05/31/25	06/04/25	06/07/25	06/02/25
Q2177-07	B-202-SB01	TCLP	TCLP BNA	8270E	05/31/25	06/04/25	06/07/25	06/02/25



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Hit Summary Sheet SW-846

SDG No.: Q2177
Client: Portal Partners Tri-Venture

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2177

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168224TB	PB168224TB	2-Fluorophenol	150	131	88		15 (23)	110 (138)
		Phenol-d6	150	121	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.0	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.1	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	78.2	78		30 (42)	130 (152)
PB168269BL	PB168269BL	2-Fluorophenol	150	137	91		15 (23)	110 (138)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.4	83		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.9	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	83.7	84		30 (42)	130 (152)
PB168269BS	PB168269BS	2-Fluorophenol	150	131	87		15 (23)	110 (138)
		Phenol-d6	150	121	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.8	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.2	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	79.3	79		30 (42)	130 (152)
Q2177-03	B-187-SB01	2-Fluorophenol	150	119	80		15 (23)	110 (138)
		Phenol-d6	150	104	69		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.2	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.2	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	77.5	78		30 (42)	130 (152)
Q2177-03MS	B-187-SB01MS	2-Fluorophenol	150	122	81		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.5	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.7	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	79.5	79		30 (42)	130 (152)
Q2177-03MSD	B-187-SB01MSD	2-Fluorophenol	150	117	78		15 (23)	110 (138)
		Phenol-d6	150	106	71		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.2	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.1	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	80		15 (44)	110 (137)
		Terphenyl-d14	100	78.0	78		30 (42)	130 (152)
Q2177-05	B-187-SB02	2-Fluorophenol	150	119	80		15 (23)	110 (138)
		Phenol-d6	150	97.8	65		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.7	81		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.2	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	121	80		15 (44)	110 (137)
		Terphenyl-d14	100	79.5	80		30 (42)	130 (152)
Q2177-07	B-202-SB01	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	107	71		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.5	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.4	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	117	78		15 (44)	110 (137)
		Terphenyl-d14	100	83.0	83		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2177

Client: Portal Partners Tri-Venture

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2177-03MS		Client Sample ID: B-187-SB01MS		DataFile: BM050210.D							
Pyridine	500	0	370	ug/L	74				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	380	ug/L	76				70 (55)	130 (125)	
2-Methylphenol	500	0	430	ug/L	86				70 (60)	130 (131)	
3+4-Methylphenols	500	0	420	ug/L	84				20 (54)	160 (136)	
Hexachloroethane	500	0	380	ug/L	76				20 (19)	160 (146)	
Nitrobenzene	500	0	450	ug/L	90				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	410	ug/L	82				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	480	ug/L	96				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	470	ug/L	94				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	490	ug/L	98				70 (74)	130 (137)	
Hexachlorobenzene	500	0	470	ug/L	94				70 (72)	130 (115)	
Pentachlorophenol	1000	0	960	ug/L	96				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2177

Client: Portal Partners Tri-Venture

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2177-03MSD	Client Sample ID:	B-187-SB01MSD					DataFile:	BM050211.D		
Pyridine	500	0	350	ug/L	70	6			20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	360	ug/L	72	5			70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	420	ug/L	84	2			70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	410	ug/L	82	2			20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	360	ug/L	72	5			20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	430	ug/L	86	5			70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	400	ug/L	80	2			70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	470	ug/L	94	2			70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	460	ug/L	92	2			70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	480	ug/L	96	2			70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	460	ug/L	92	2			70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	920	ug/L	92	4			20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2177

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

DataFile: BM050208.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168269BS	Pyridine	50	40.6	ug/L	81				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	44.3	ug/L	89				70 (76)	130 (103)	
	2-Methylphenol	50	43.4	ug/L	87				70 (69)	130 (109)	
	3+4-Methylphenols	50	42.7	ug/L	85				20 (67)	160 (106)	
	Hexachloroethane	50	46.2	ug/L	92				20 (76)	160 (118)	
	Nitrobenzene	50	46.8	ug/L	94				70 (58)	130 (106)	
	Hexachlorobutadiene	50	47.0	ug/L	94				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	47.9	ug/L	96				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	47.4	ug/L	95				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	49.4	ug/L	99				70 (60)	130 (115)	
	Hexachlorobenzene	50	47.6	ug/L	95				70 (73)	130 (106)	
	Pentachlorophenol	100	98.6	ug/L	99				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168269BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q2177

SAS No.: Q2177 SDG NO.: Q2177

Lab File ID: BM050207.D

Lab Sample ID: PB168269BL

Instrument ID: BNA_M

Date Extracted: 06/04/2025

Matrix: (soil/water) water

Date Analyzed: 06/06/2025

Level: (low/med) LOW

Time Analyzed: 10:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168269BS	PB168269BS	BM050208.D	06/06/2025
B-187-SB01	Q2177-03	BM050209.D	06/06/2025
B-187-SB01MS	Q2177-03MS	BM050210.D	06/06/2025
B-187-SB01MSD	Q2177-03MSD	BM050211.D	06/06/2025
B-187-SB02	Q2177-05	BM050232.D	06/07/2025
B-202-SB01	Q2177-07	BM050233.D	06/07/2025
PB168224TB	PB168224TB	BM050203.D	06/05/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PORT06Lab Code: CHEMSAS No.: Q2177 SDG NO.: Q2177Lab 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	74.4
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
PB168224TB	PB168224TB	BM050203.D	06/05/2025	16:35



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PORT06Lab Code: CHEMSAS No.: Q2177 SDG NO.: Q2177Lab File ID: BM050205.DDFTPP Injection Date: 06/06/2025Instrument ID: BNA_MDFTPP Injection Time: 08:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	19.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.7
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	6.8
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	83.8
443	15.0 - 24.0% of mass 442	16.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050206.D	06/06/2025	09:29
PB168269BL	PB168269BL	BM050207.D	06/06/2025	10:08
PB168269BS	PB168269BS	BM050208.D	06/06/2025	10:47
B-187-SB01	Q2177-03	BM050209.D	06/06/2025	11:27
B-187-SB01MS	Q2177-03MS	BM050210.D	06/06/2025	12:06
B-187-SB01MSD	Q2177-03MSD	BM050211.D	06/06/2025	12:46



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PORT06Lab Code: CHEMSAS No.: Q2177 SDG NO.: Q2177Lab File ID: BM050222.DDFTPP Injection Date: 06/06/2025Instrument ID: BNA_MDFTPP Injection Time: 20:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.3
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75.7
443	15.0 - 24.0% of mass 442	14.8 (19.5) 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	BM050223.D	06/06/2025	21:23
B-187-SB02	Q2177-05	BM050232.D	06/07/2025	03:20
B-202-SB01	Q2177-07	BM050233.D	06/07/2025	04:00

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

EPA Sample No.: SSTDICCC040 Date Analyzed: 06/05/2025

Lab File ID: BM050198.D Time Analyzed: 11:57

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	308806	7.793	1316350	10.58	819036	14.42
UPPER LIMIT	617612	8.293	2632700	11.075	1638070	14.916
LOWER LIMIT	154403	7.293	658175	10.075	409518	13.916
EPA SAMPLE NO.						
01 PB168224TB	259307	7.79	956559	10.58	522891	14.42

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.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

EPA Sample No.: SSTDICCC040 Date Analyzed: 06/05/2025

Lab File ID: BM050198.D Time Analyzed: 11:57

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	1590670	17.151	1484490	21.386	1410380	24.374
UPPER LIMIT	3181340	17.651	2968980	21.886	2820760	24.874
LOWER LIMIT	795335	16.651	742245	20.886	705190	23.874
EPA SAMPLE NO.						
01 PB168224TB	932766	17.15	869671	21.38	921150	24.37

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

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

Lab File ID: BM050206.D Time Analyzed: 09:29

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	295242	7.787	1183110	10.58	689122	14.42
UPPER LIMIT	590484	8.287	2366220	11.075	1378240	14.916
LOWER LIMIT	147621	7.287	591555	10.075	344561	13.916
EPA SAMPLE NO.						
01 PB168269BL	307416	7.79	1142670	10.58	634427	14.41
02 PB168269BS	327776	7.79	1233280	10.58	655553	14.42
03 B-187-SB01	304642	7.79	1159120	10.58	659350	14.41
04 B-187-SB01MS	326296	7.79	1267570	10.58	684770	14.42
05 B-187-SB01MSD	347769	7.79	1350320	10.58	744312	14.42

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.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

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

Lab File ID: BM050206.D Time Analyzed: 09:29

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	1340070	17.151	1418640	21.386	1586720	24.368
UPPER LIMIT	2680140	17.651	2837280	21.886	3173440	24.868
LOWER LIMIT	670035	16.651	709320	20.886	793360	23.868
EPA SAMPLE NO.						
01 PB168269BL	1133740	17.15	982238	21.38	1022860	24.37
02 PB168269BS	1123560	17.15	1060560	21.38	1186020	24.37
03 B-187-SB01	1216070	17.15	1157740	21.38	1244730	24.37
04 B-187-SB01MS	1179350	17.15	1089190	21.38	1220890	24.37
05 B-187-SB01MSD	1278960	17.15	1127470	21.39	1245310	24.37

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

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

Lab File ID: BM050223.D Time Analyzed: 21:23

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	279322	7.786	1074650	10.58	577654	14.41
UPPER LIMIT	558644	8.286	2149300	11.075	1155310	14.91
LOWER LIMIT	139661	7.286	537325	10.075	288827	13.91
EPA SAMPLE NO.						
01 B-187-SB02	305472	7.79	1153730	10.58	611005	14.41
02 B-202-SB01	306776	7.79	1155500	10.57	625136	14.41

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.: Q2177 SAS No.: Q2177 SDG NO.: Q2177

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

Lab File ID: BM050223.D Time Analyzed: 21:23

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	1020060	17.151	1029160	21.38	1065460	24.362
UPPER LIMIT	2040120	17.651	2058320	21.88	2130920	24.862
LOWER LIMIT	510030	16.651	514580	20.88	532730	23.862
EPA SAMPLE NO.						
01 B-187-SB02	1089580	17.15	1091420	21.37	1171440	24.36
02 B-202-SB01	1109440	17.15	1043230	21.37	1124100	24.36

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:	Portal Partners Tri-Venture	Date Collected:	06/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/04/25
Client Sample ID:	PB168224TB	SDG No.:	Q2177
Lab Sample ID:	PB168224TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050203.D	1	06/04/25 08:30	06/05/25 16:35	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.0		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.1		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		15 (44) - 110 (137)	80%	SPK: 150
1718-51-0	Terphenyl-d14	78.2		30 (42) - 130 (152)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259000	7.787			
1146-65-2	Naphthalene-d8	957000	10.575			
15067-26-2	Acenaphthene-d10	523000	14.416			
1517-22-2	Phenanthrene-d10	933000	17.151			
1719-03-5	Chrysene-d12	870000	21.38			
1520-96-3	Perylene-d12	921000	24.374			

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/04/25
Client Sample ID:	PB168224TB	SDG No.:	Q2177
Lab Sample ID:	PB168224TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050203.D	1	06/04/25 08:30	06/05/25 16:35	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060525\
Data File : BM050203.D
Acq On : 05 Jun 2025 16:35
Operator : RC/JU
Sample : PB168224TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168224TB

Quant Time: Jun 05 17:43:45 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 16:20:25 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	259307	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	956559	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	522891	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	932766	20.000	ng	0.00
76) Chrysene-d12	21.380	240	869671	20.000	ng	0.00
86) Perylene-d12	24.374	264	921150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2041130	131.307	ng	0.00
7) Phenol-d6	6.952	99	2485850	121.480	ng	0.00
23) Nitrobenzene-d5	8.940	82	1472280	80.048	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	712283	119.761	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3094556	80.123	ng	0.00
79) Terphenyl-d14	19.780	244	3588909	78.203	ng	0.00

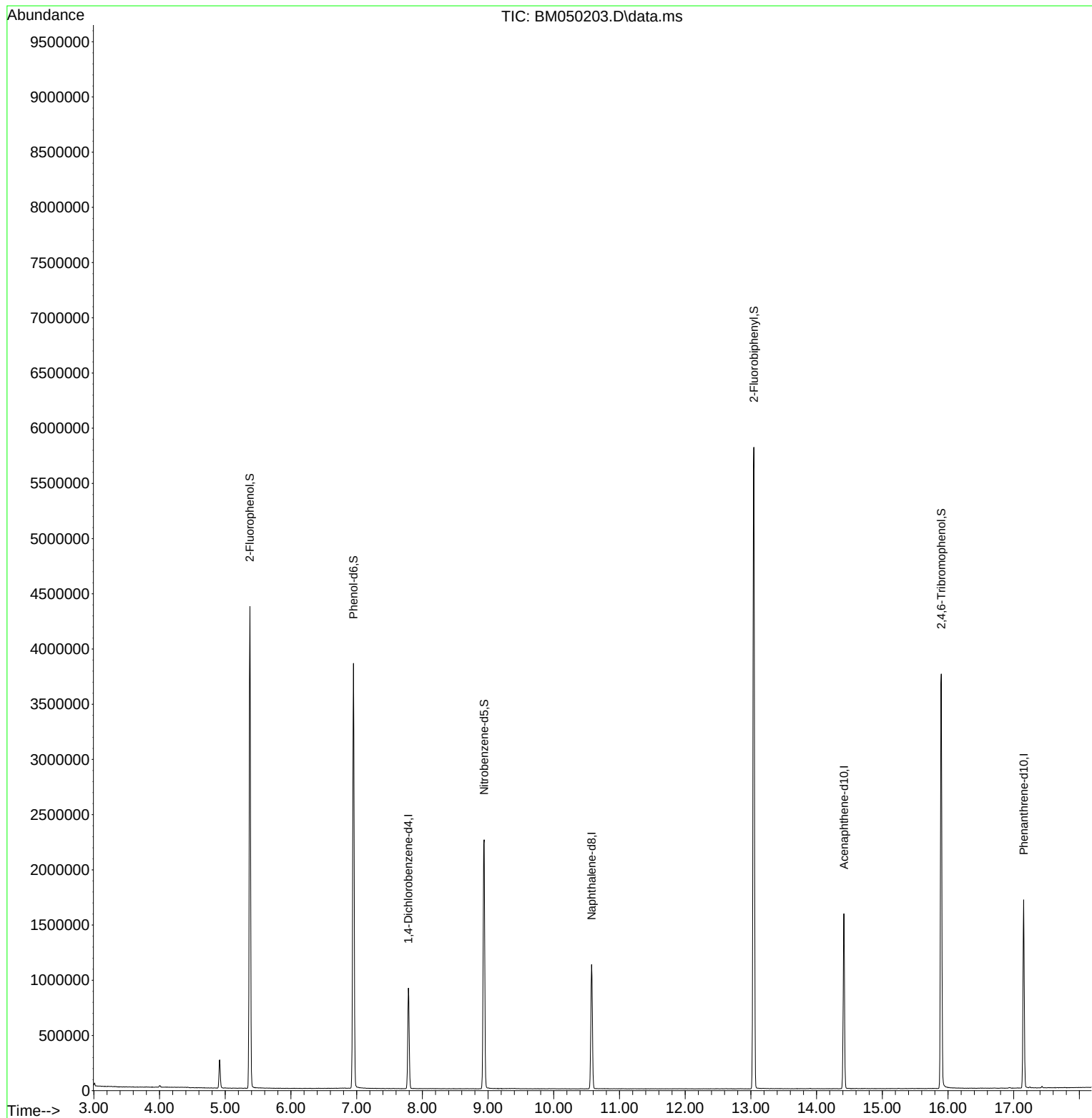
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050203.D
Acq On : 05 Jun 2025 16:35
Operator : RC/JU
Sample : PB168224TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168224TB

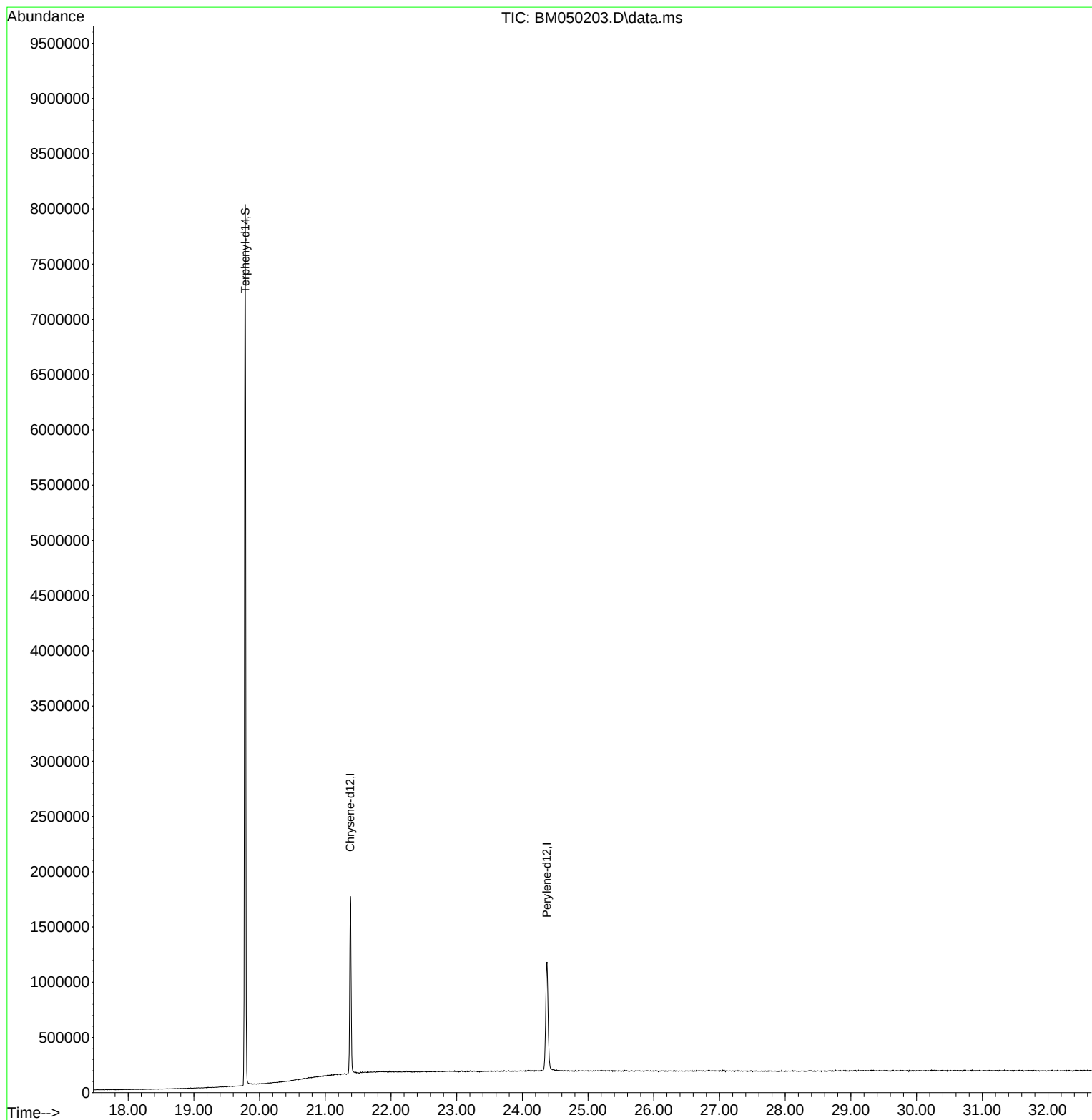
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

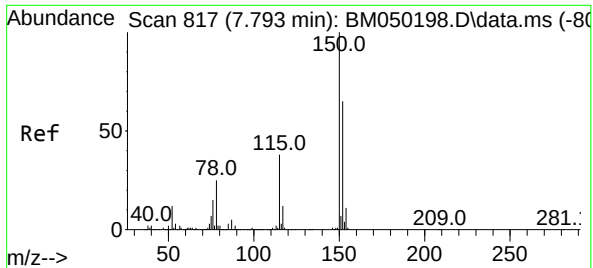


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Operator : RC/JU
Sample : PB168224TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168224TB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

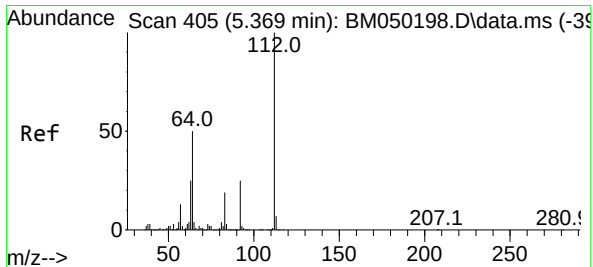
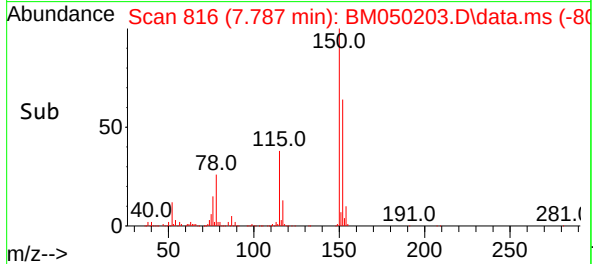
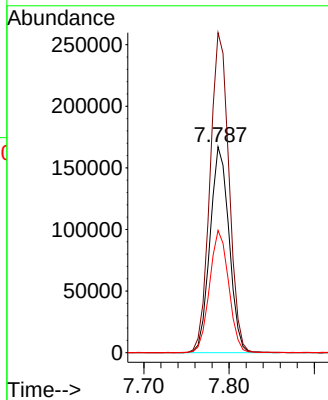
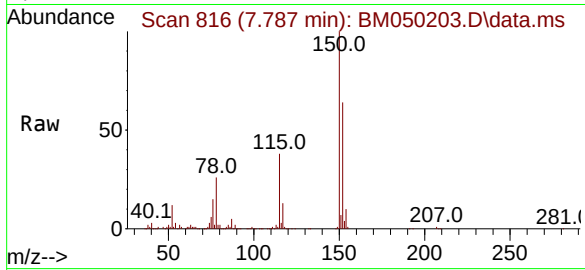




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

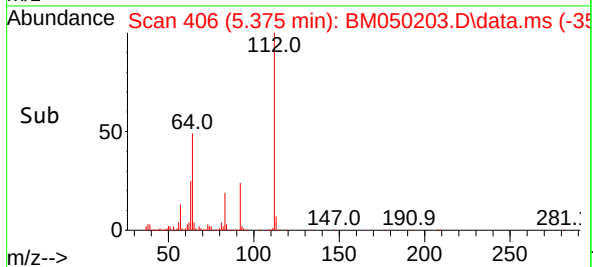
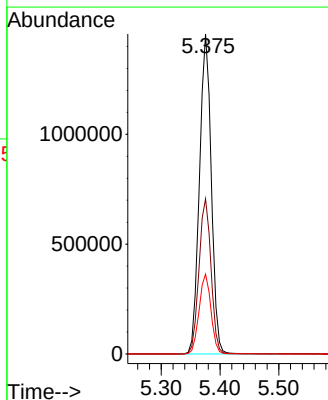
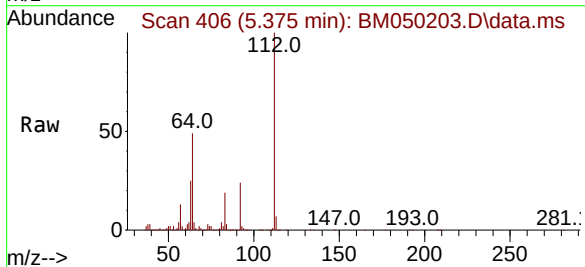
Instrument :
BNA_M
ClientSampleId :
PB168224TB

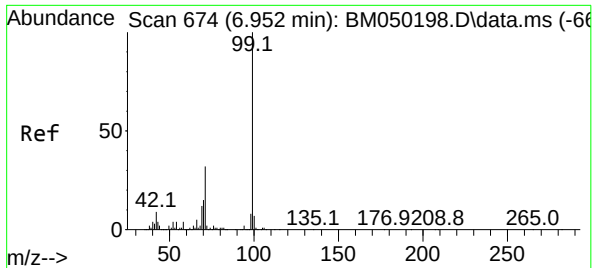
Tgt Ion:152 Resp: 259307
Ion Ratio Lower Upper
152 100
150 155.4 122.2 183.4
115 59.4 46.3 69.5



#5
2-Fluorophenol
Concen: 131.307 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:112 Resp: 2041130
Ion Ratio Lower Upper
112 100
64 48.5 39.8 59.6
63 24.9 19.8 29.8

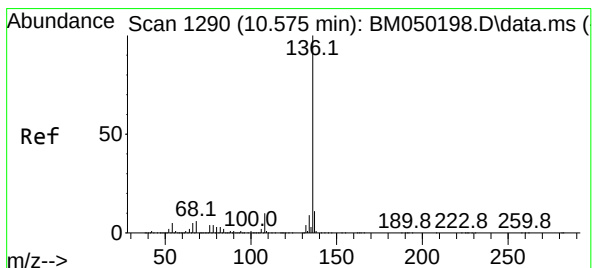
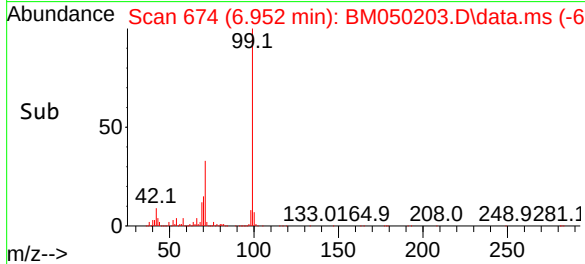
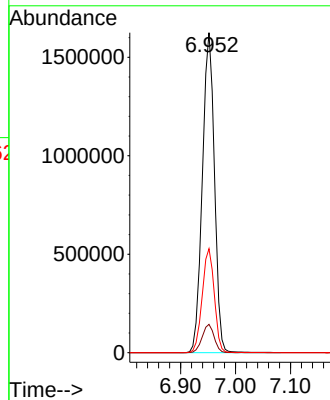
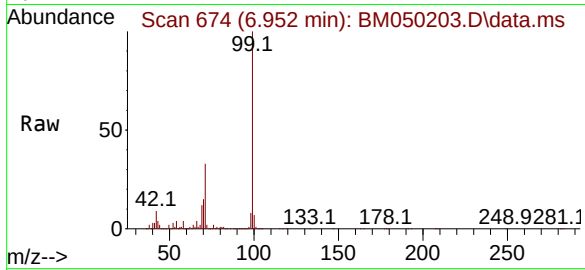




#7
Phenol-d6
Concen: 121.480 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

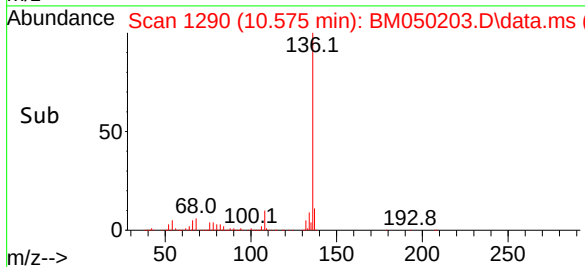
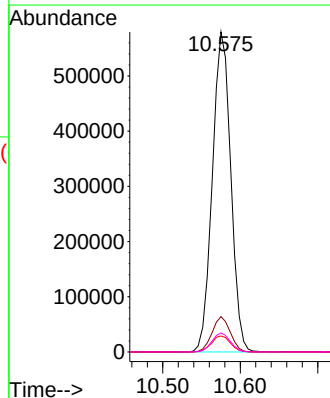
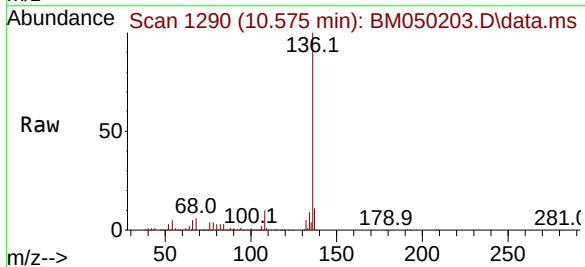
Instrument :
BNA_M
ClientSampleId :
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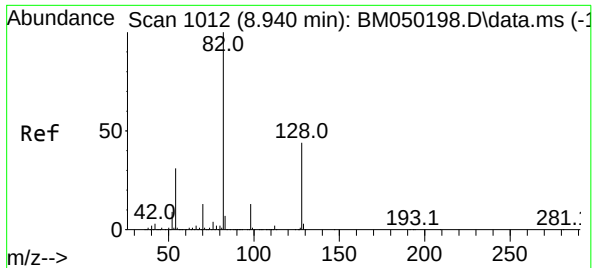
Tgt Ion: 99 Resp: 2485850
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion: 136 Resp: 956559
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.0 3.8 5.8
68 5.9 4.9 7.3

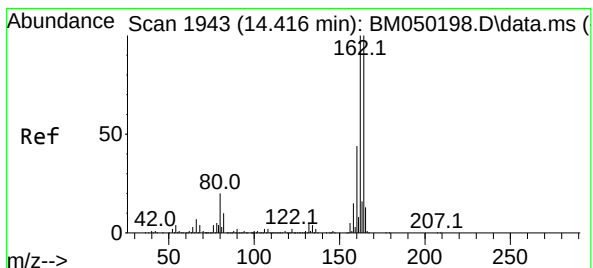
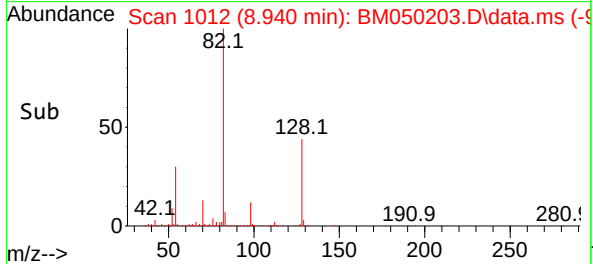
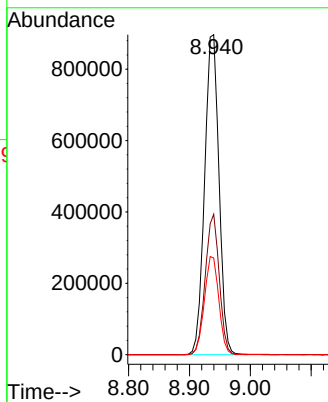
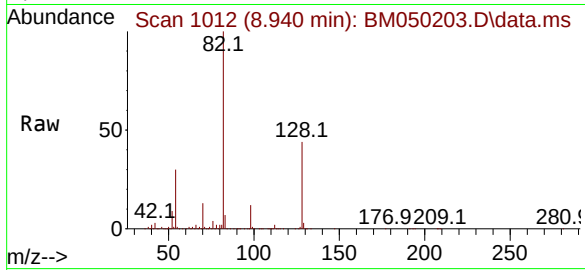




#23
Nitrobenzene-d5
Concen: 80.048 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

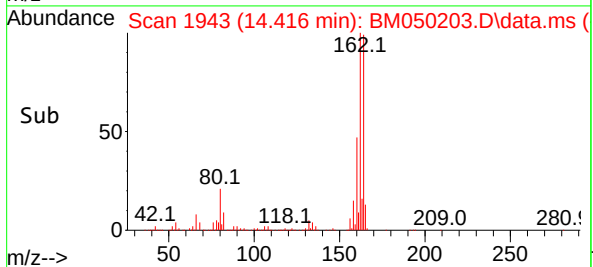
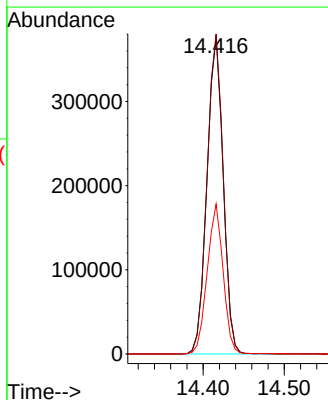
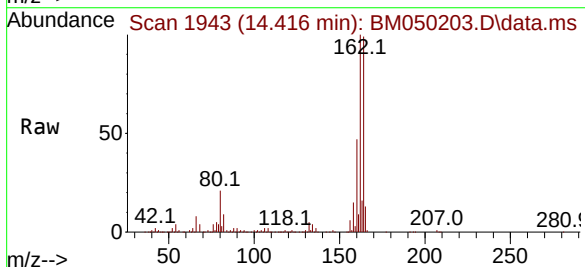
Instrument :
BNA_M
ClientSampleId :
PB168224TB

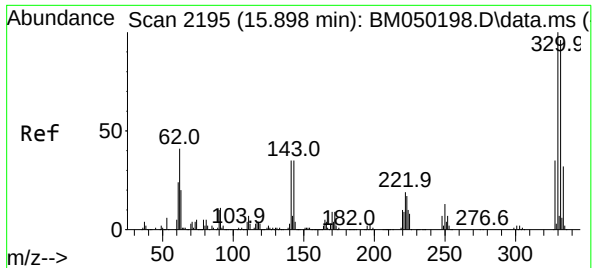
Tgt Ion: 82 Resp: 1472280
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 30.3 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

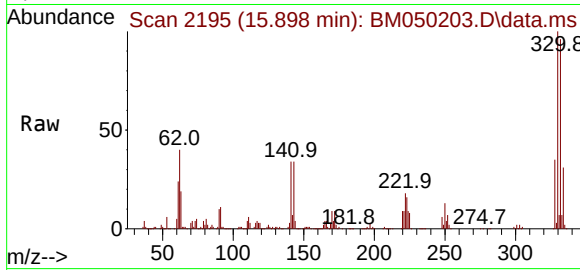
Tgt Ion: 164 Resp: 522891
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.4
160 47.2 35.7 53.5



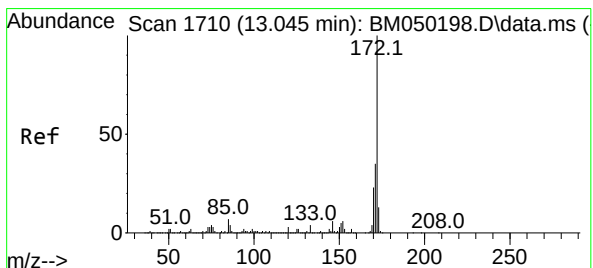
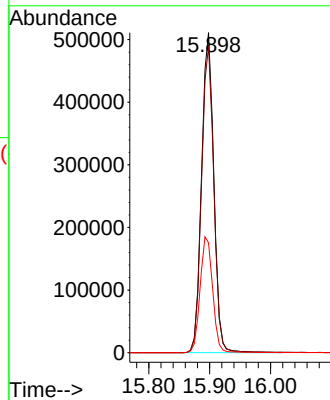
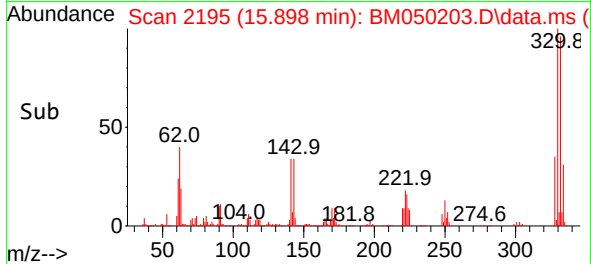


#42
2,4,6-Tribromophenol
Concen: 119.761 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

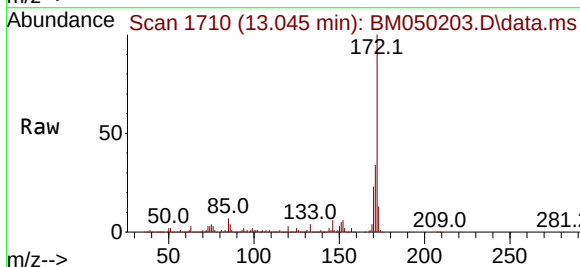
Instrument :
BNA_M
ClientSampleId :
PB168224TB



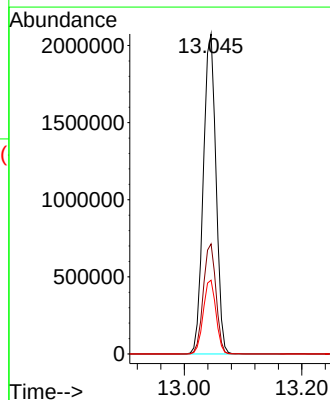
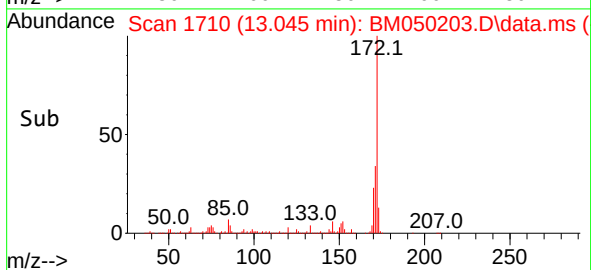
Tgt Ion:330 Resp: 712283
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 37.0 28.8 43.2

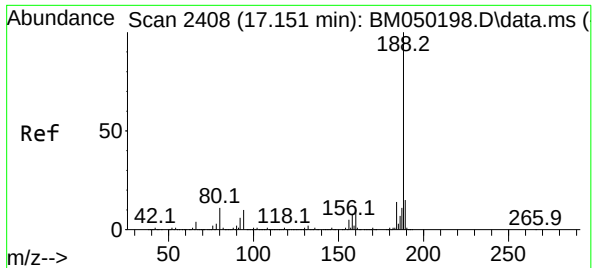


#45
2-Fluorobiphenyl
Concen: 80.123 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35



Tgt Ion:172 Resp: 3094556
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.0 18.6 27.8

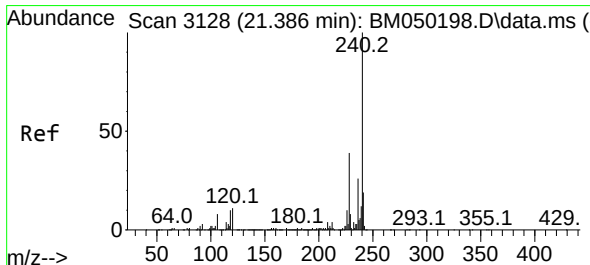
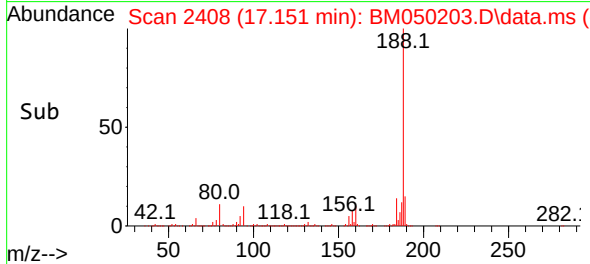
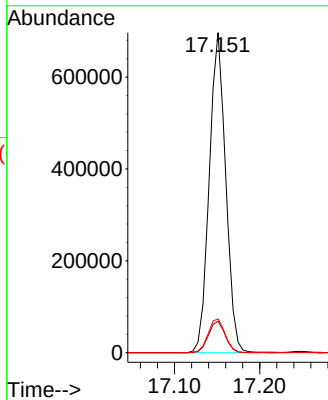
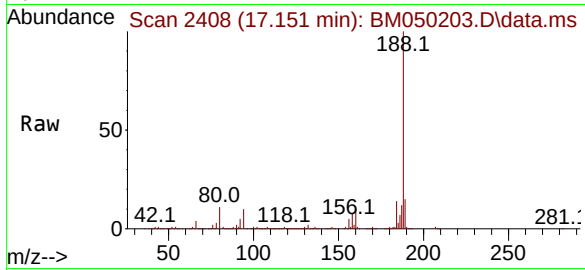




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

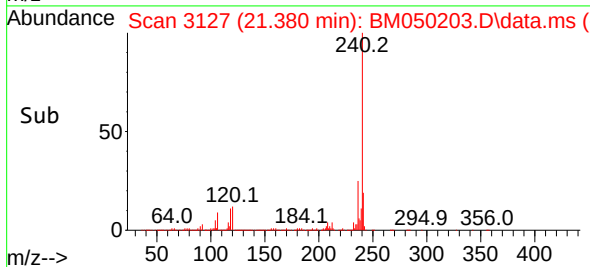
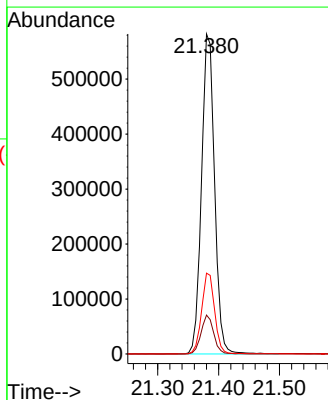
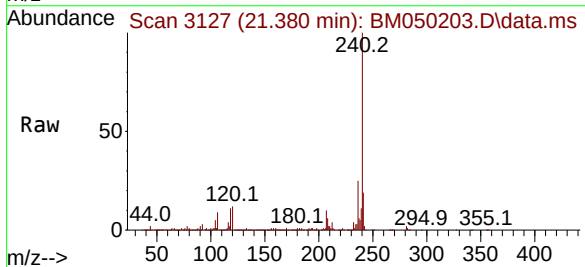
Instrument :
BNA_M
ClientSampleId :
PB168224TB

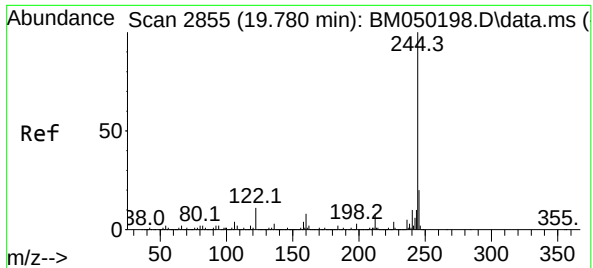
Tgt Ion:188 Resp: 932766
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:240 Resp: 869671
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 25.2 20.7 31.1

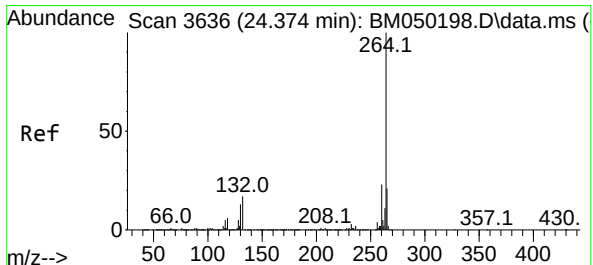
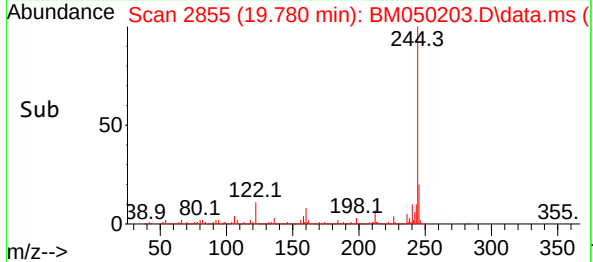
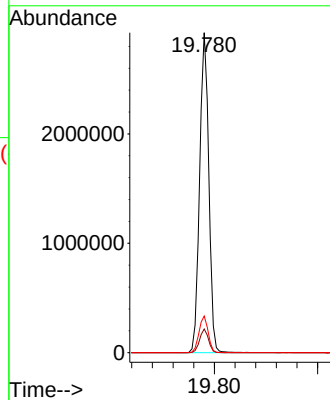
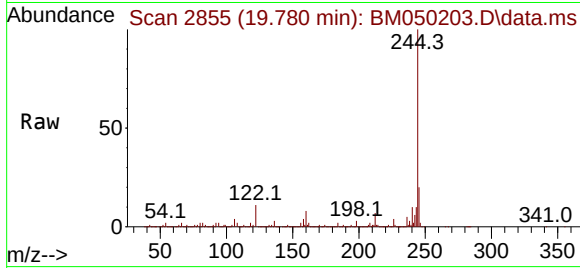




#79
Terphenyl-d14
Concen: 78.203 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

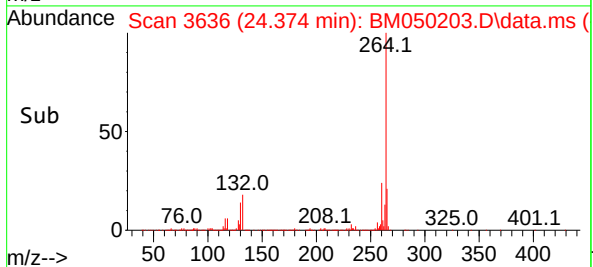
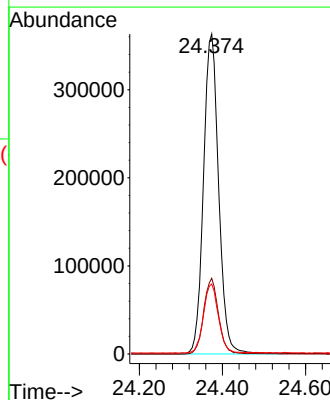
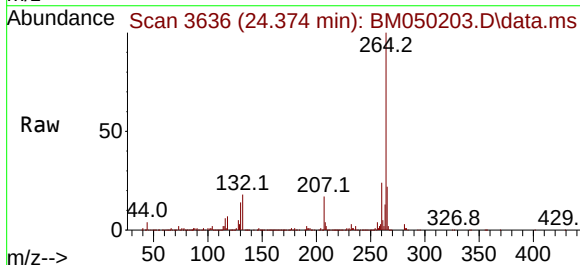
Instrument :
BNA_M
ClientSampleId :
PB168224TB

Tgt Ion:244 Resp: 3588909
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 11.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050203.D
Acq: 05 Jun 2025 16:35

Tgt Ion:264 Resp: 921150
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.8 16.8 25.2



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050209.D	1	06/04/25 08:30	06/06/25 11:27	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	80%	SPK: 150
13127-88-3	Phenol-d6	104		15 (10) - 110 (134)	69%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.2		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.2		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	77.5		30 (42) - 130 (152)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000	7.787			
1146-65-2	Naphthalene-d8	1160000	10.575			
15067-26-2	Acenaphthene-d10	659000	14.41			
1517-22-2	Phenanthrene-d10	1220000	17.151			
1719-03-5	Chrysene-d12	1160000	21.38			
1520-96-3	Perylene-d12	1240000	24.368			

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050209.D	1	06/04/25 08:30	06/06/25 11:27	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
Data File : BM050209.D
Acq On : 06 Jun 2025 11:27
Operator : RC/JU
Sample : Q2177-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Quant Time: Jun 06 12:11:48 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	304642	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1159115	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	659350	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1216071	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1157737	20.000	ng	0.00
86) Perylene-d12	24.368	264	1244732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2178864	119.309	ng	0.00
7) Phenol-d6	6.951	99	2491728	103.646	ng	0.00
23) Nitrobenzene-d5	8.934	82	1787618	80.208	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	943327	125.783	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3806562	78.161	ng	-0.01
79) Terphenyl-d14	19.780	244	4737529	77.545	ng	0.00

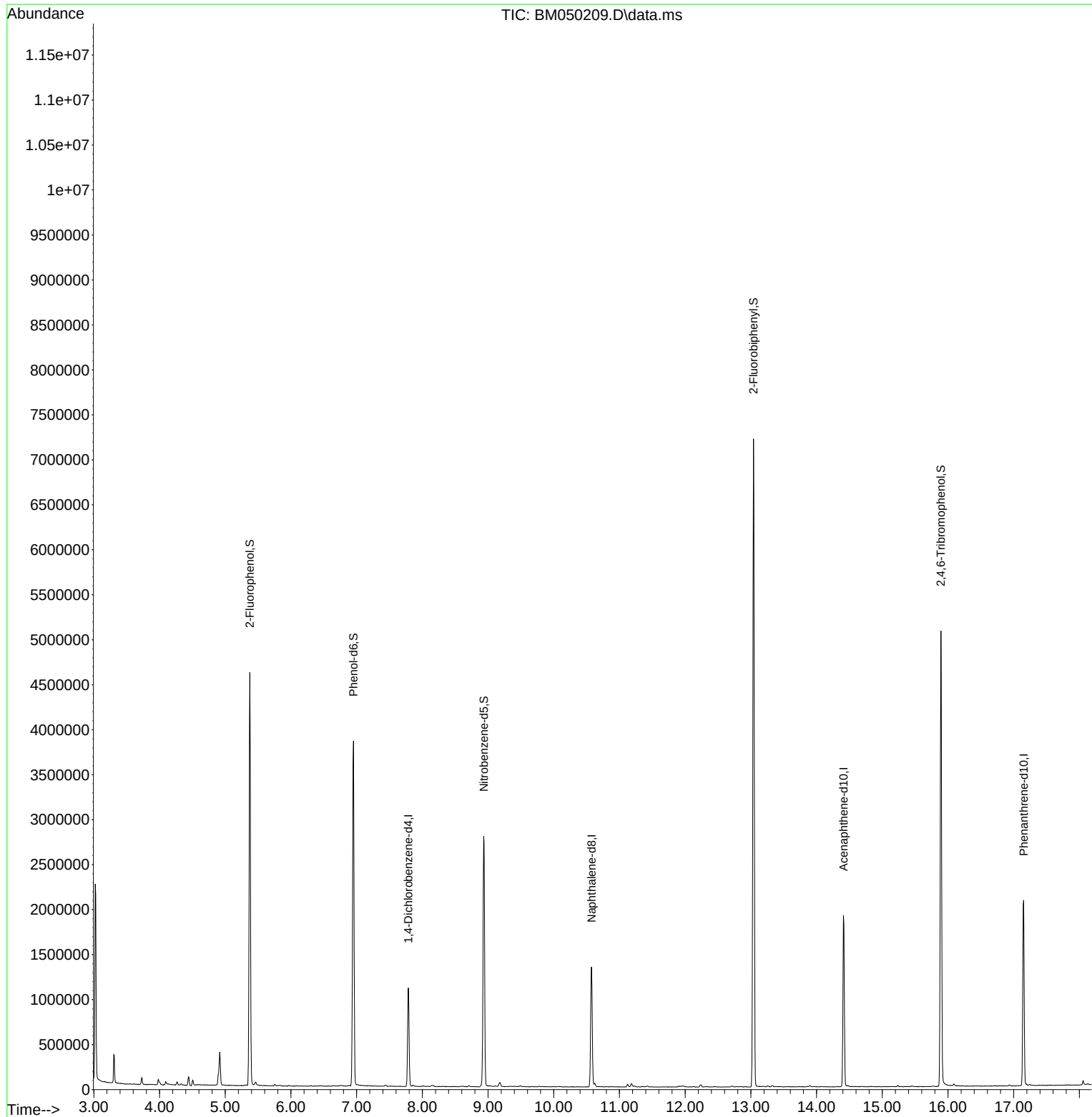
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050209.D
Acq On : 06 Jun 2025 11:27
Operator : RC/JU
Sample : Q2177-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

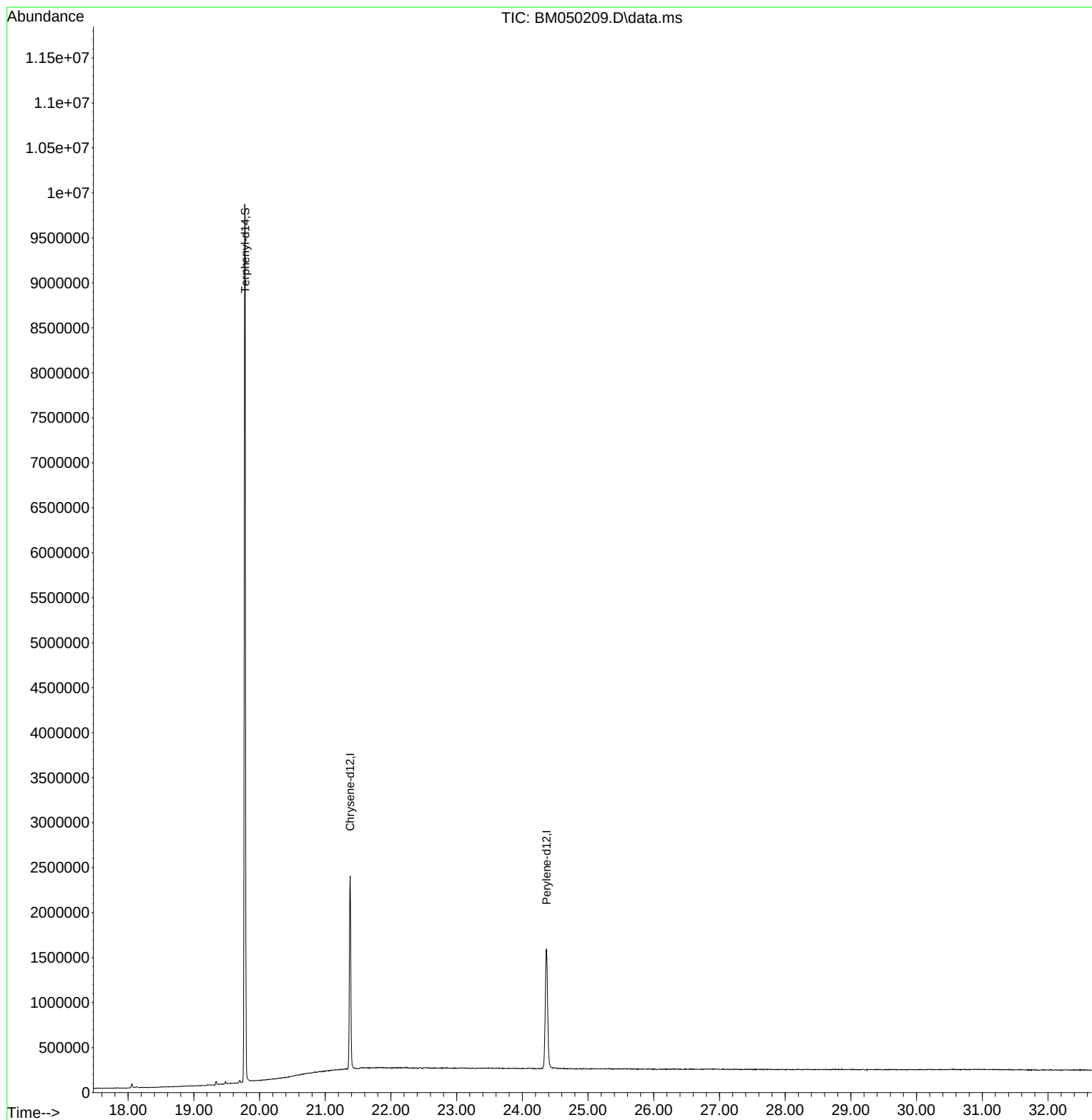
Quant Time: Jun 06 12:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

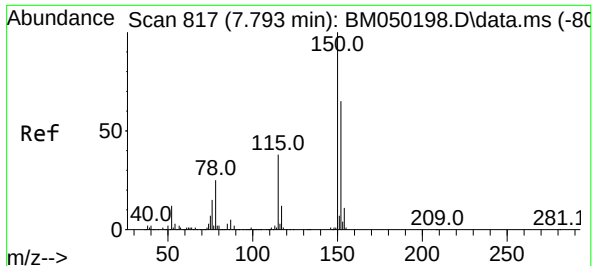


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050209.D
Acq On : 06 Jun 2025 11:27
Operator : RC/JU
Sample : Q2177-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Quant Time: Jun 06 12:11:48 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

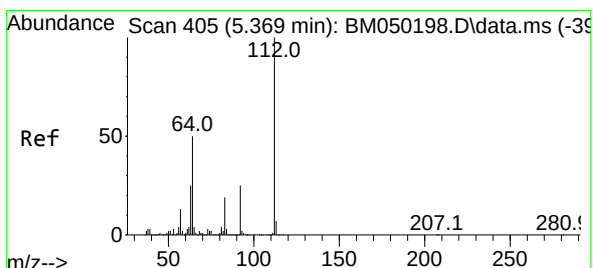
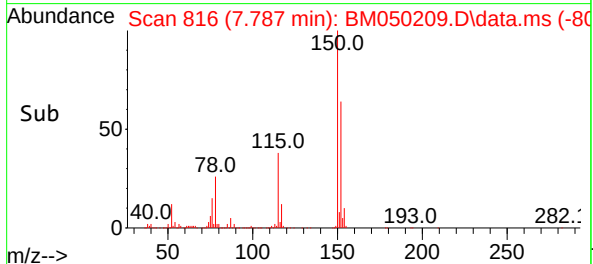
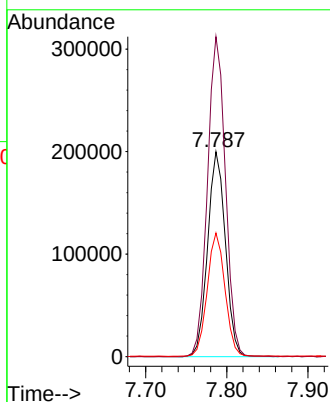
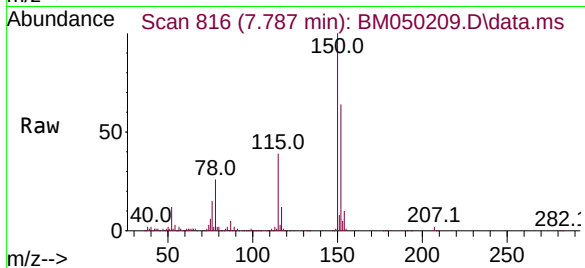




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

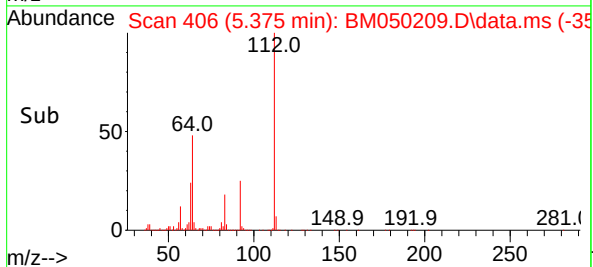
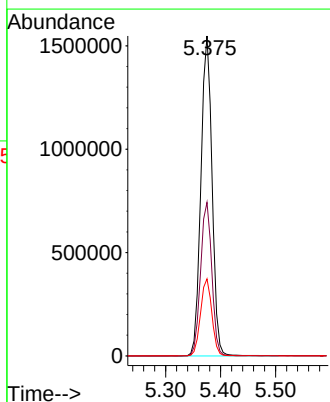
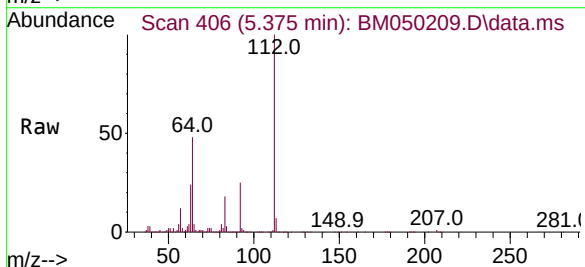
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

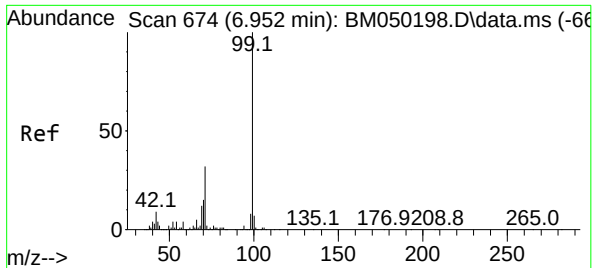
Tgt Ion	152	Resp	304642
Ion Ratio	Lower	Upper	
152	100		
150	156.1	122.2	183.4
115	60.3	46.3	69.5



#5
2-Fluorophenol
Concen: 119.309 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion	112	Resp	2178864
Ion Ratio	Lower	Upper	
112	100		
64	48.0	39.8	59.6
63	24.1	19.8	29.8

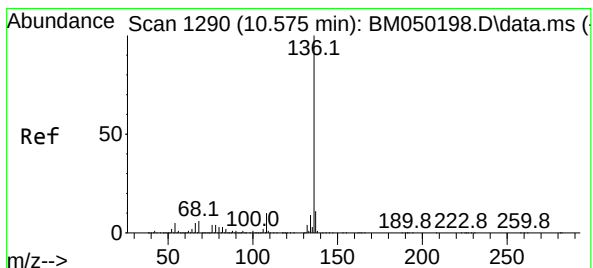
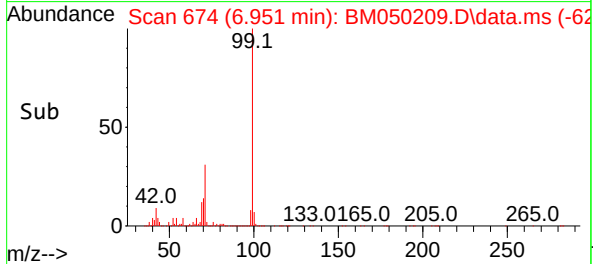
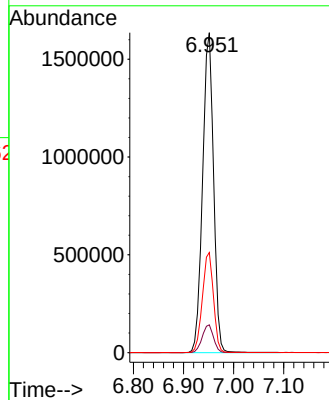
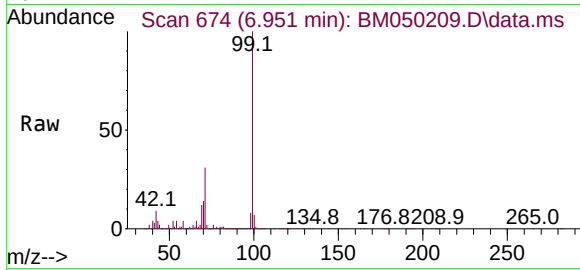




#7
Phenol-d6
Concen: 103.646 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

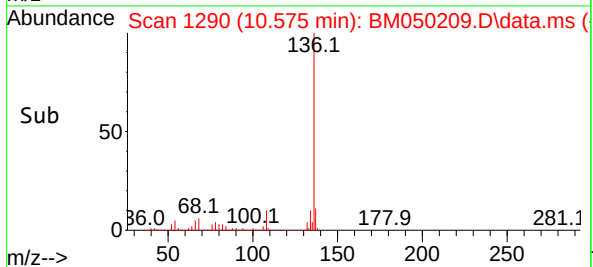
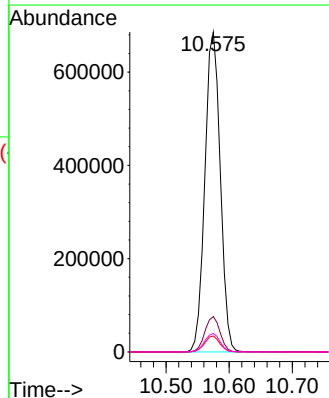
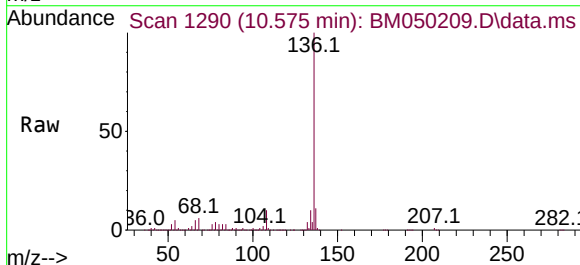
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

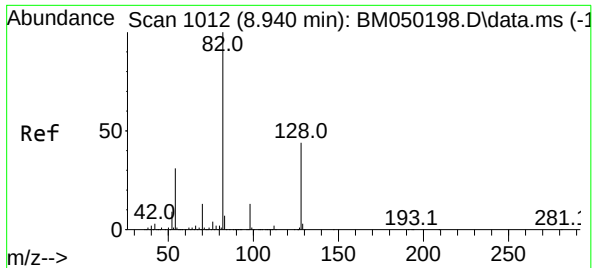
Tgt Ion: 99 Resp: 2491728
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion: 136 Resp: 1159115
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.0 3.8 5.8
68 5.8 4.9 7.3

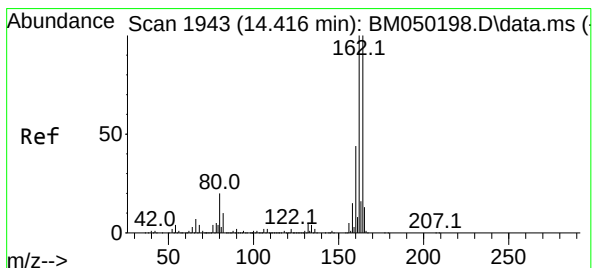
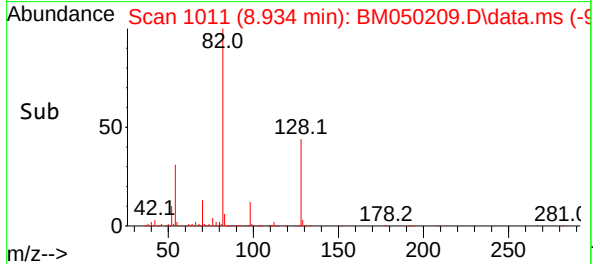
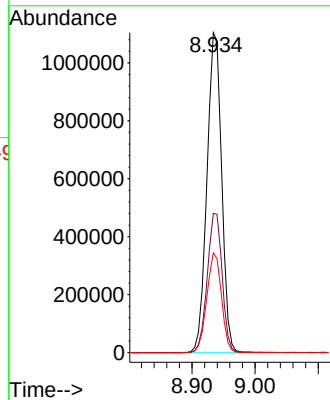
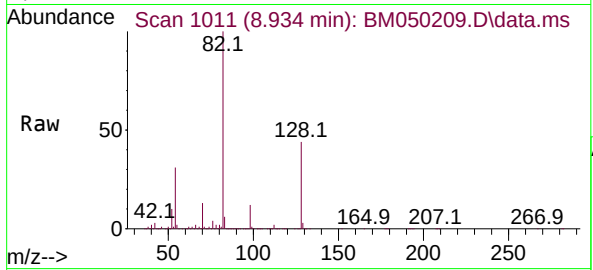




#23
Nitrobenzene-d5
Concen: 80.208 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

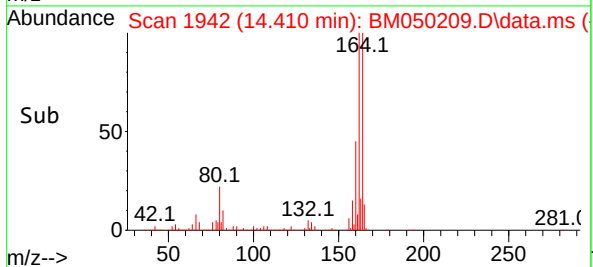
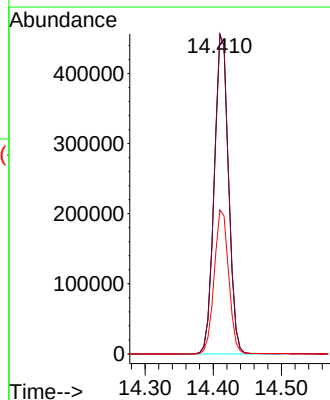
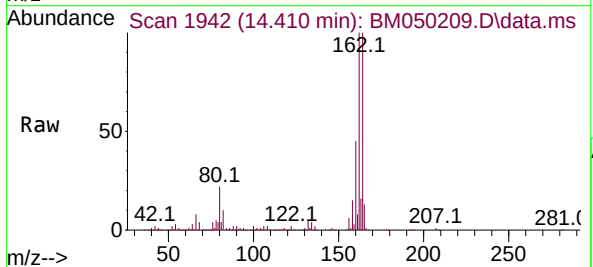
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

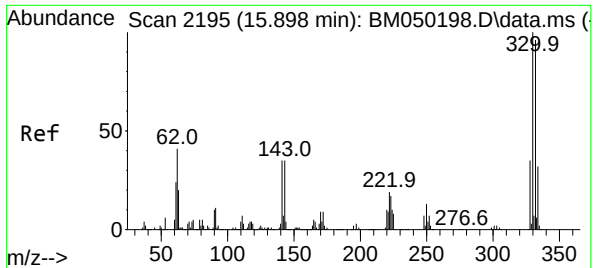
Tgt Ion: 82 Resp: 1787618
Ion Ratio Lower Upper
82 100
128 43.5 35.2 52.8
54 31.2 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:164 Resp: 659350
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 45.2 35.7 53.5

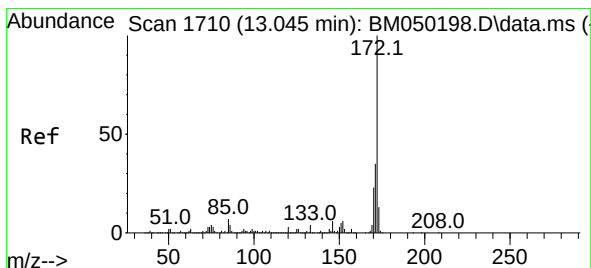
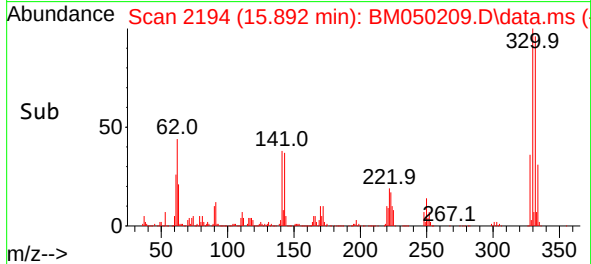
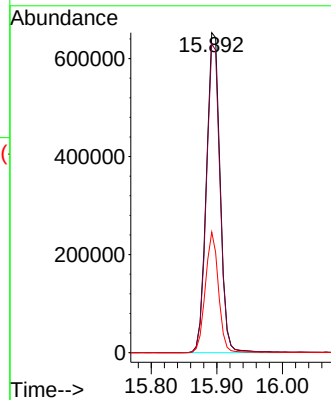
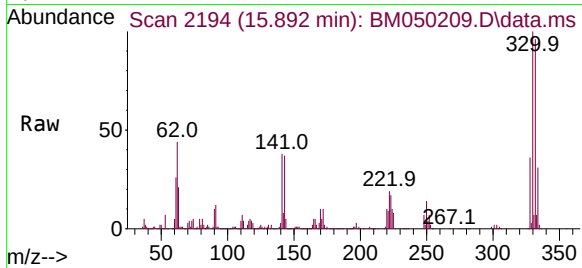




#42
2,4,6-Tribromophenol
Concen: 125.783 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

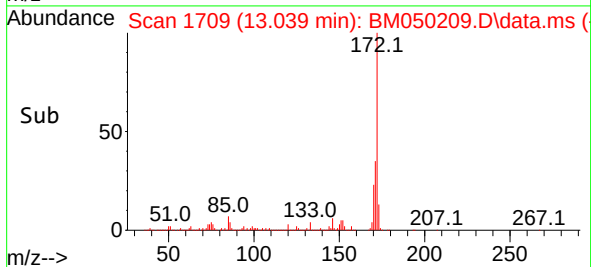
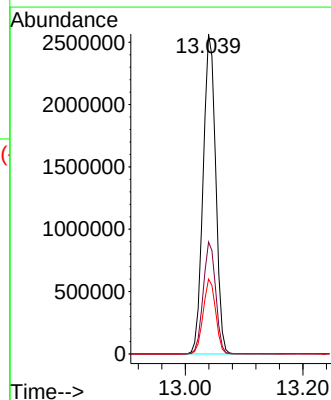
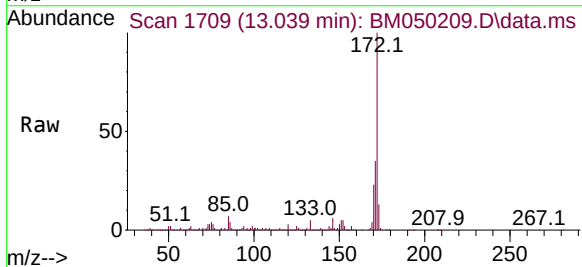
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

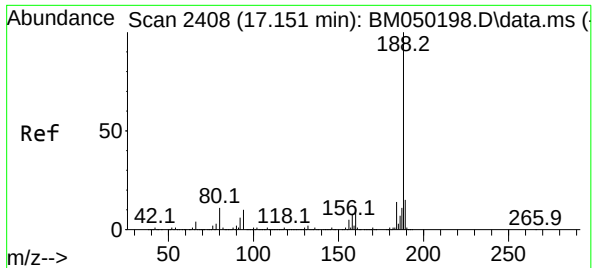
Tgt Ion	330	Resp	943327
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.5	116.3
141	36.0	28.8	43.2



#45
2-Fluorobiphenyl
Concen: 78.161 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion	172	Resp	3806562
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.8	41.6
170	23.4	18.6	27.8

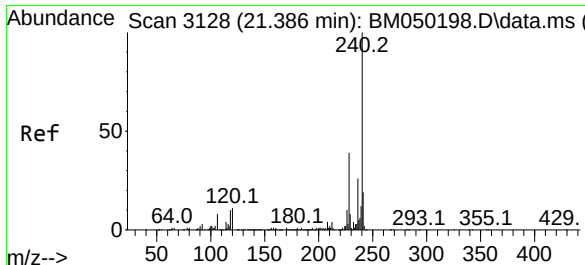
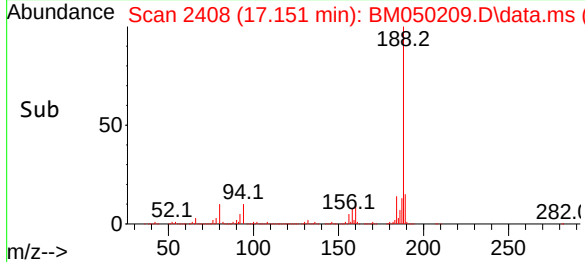
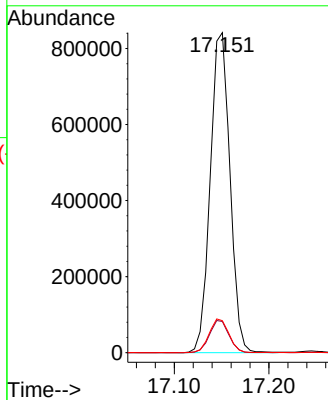
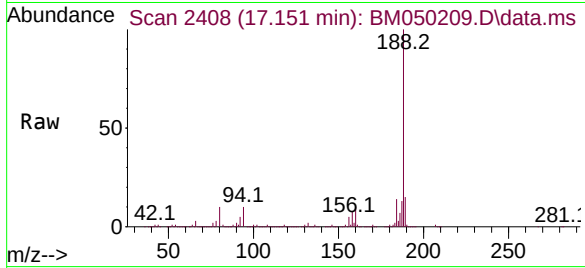




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

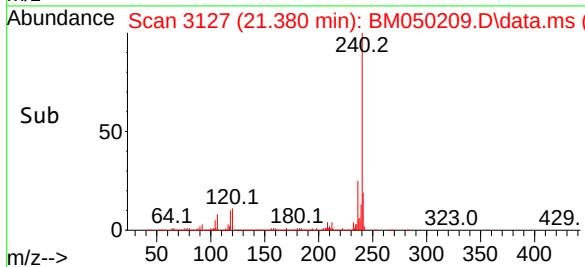
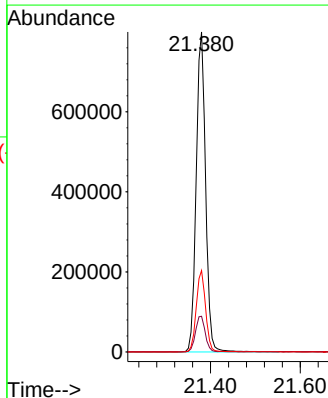
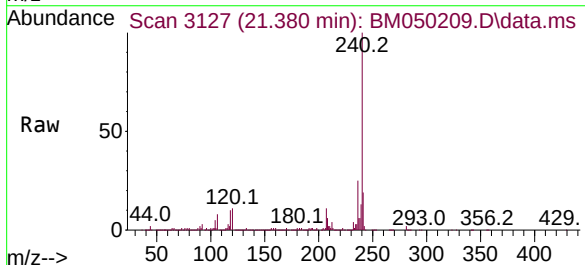
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

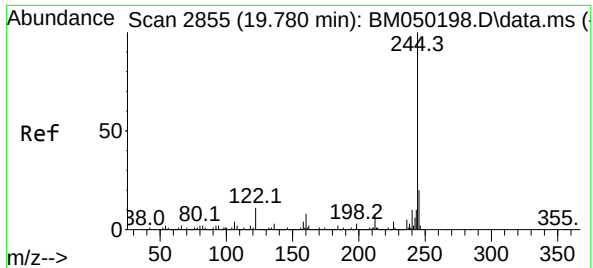
Tgt Ion:188 Resp: 1216071
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:240 Resp: 1157737
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.4 20.7 31.1

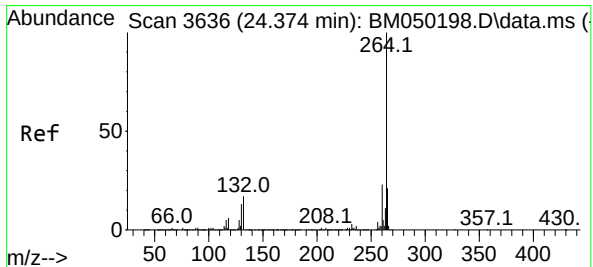
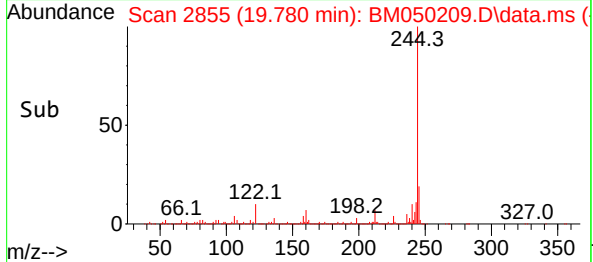
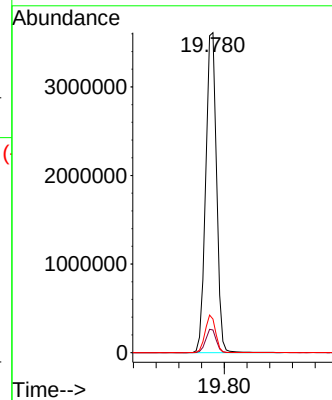
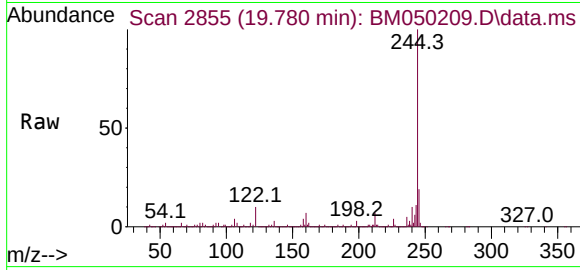




#79
Terphenyl-d14
Concen: 77.545 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

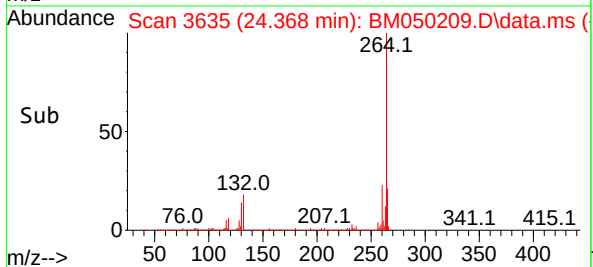
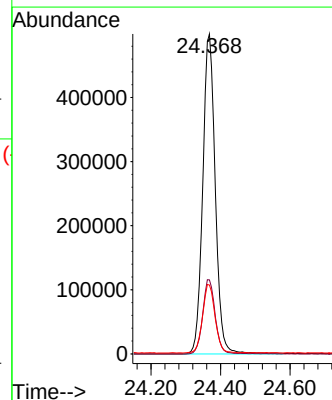
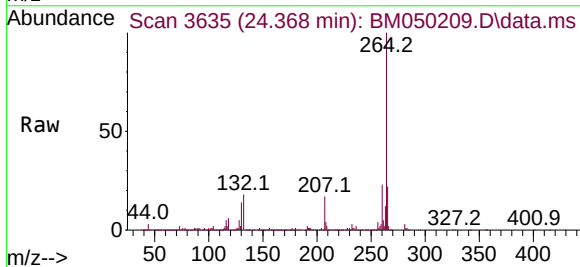
Instrument :
BNA_M
ClientSampleId :
B-187-SB01

Tgt Ion:244 Resp: 4737529
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050209.D
Acq: 06 Jun 2025 11:27

Tgt Ion:264 Resp: 1244732
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 16.8 25.2



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB02	SDG No.:	Q2177
Lab Sample ID:	Q2177-05	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050232.D	1	06/04/25 08:30	06/07/25 03:20	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	80%	SPK: 150
13127-88-3	Phenol-d6	97.8		15 (10) - 110 (134)	65%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.7		30 (67) - 130 (132)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.2		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	80%	SPK: 150
1718-51-0	Terphenyl-d14	79.5		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000	7.786			
1146-65-2	Naphthalene-d8	1150000	10.575			
15067-26-2	Acenaphthene-d10	611000	14.41			
1517-22-2	Phenanthrene-d10	1090000	17.145			
1719-03-5	Chrysene-d12	1090000	21.374			
1520-96-3	Perylene-d12	1170000	24.362			

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/02/25
Client Sample ID:	B-187-SB02		SDG No.:	Q2177
Lab Sample ID:	Q2177-05		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050232.D	1	06/04/25 08:30	06/07/25 03:20	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
Data File : BM050232.D
Acq On : 07 Jun 2025 03:20
Operator : RC/JU
Sample : Q2177-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Quant Time: Jun 07 04:09:46 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	305472	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1153728	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611005	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1089581	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1091419	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1171439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2187255	119.443	ng	0.00
7) Phenol-d6	6.951	99	2358204	97.826	ng	0.00
23) Nitrobenzene-d5	8.933	82	1789228	80.655	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	838659	120.675	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3530581	78.230	ng	-0.01
79) Terphenyl-d14	19.774	244	4581312	79.545	ng	-0.01

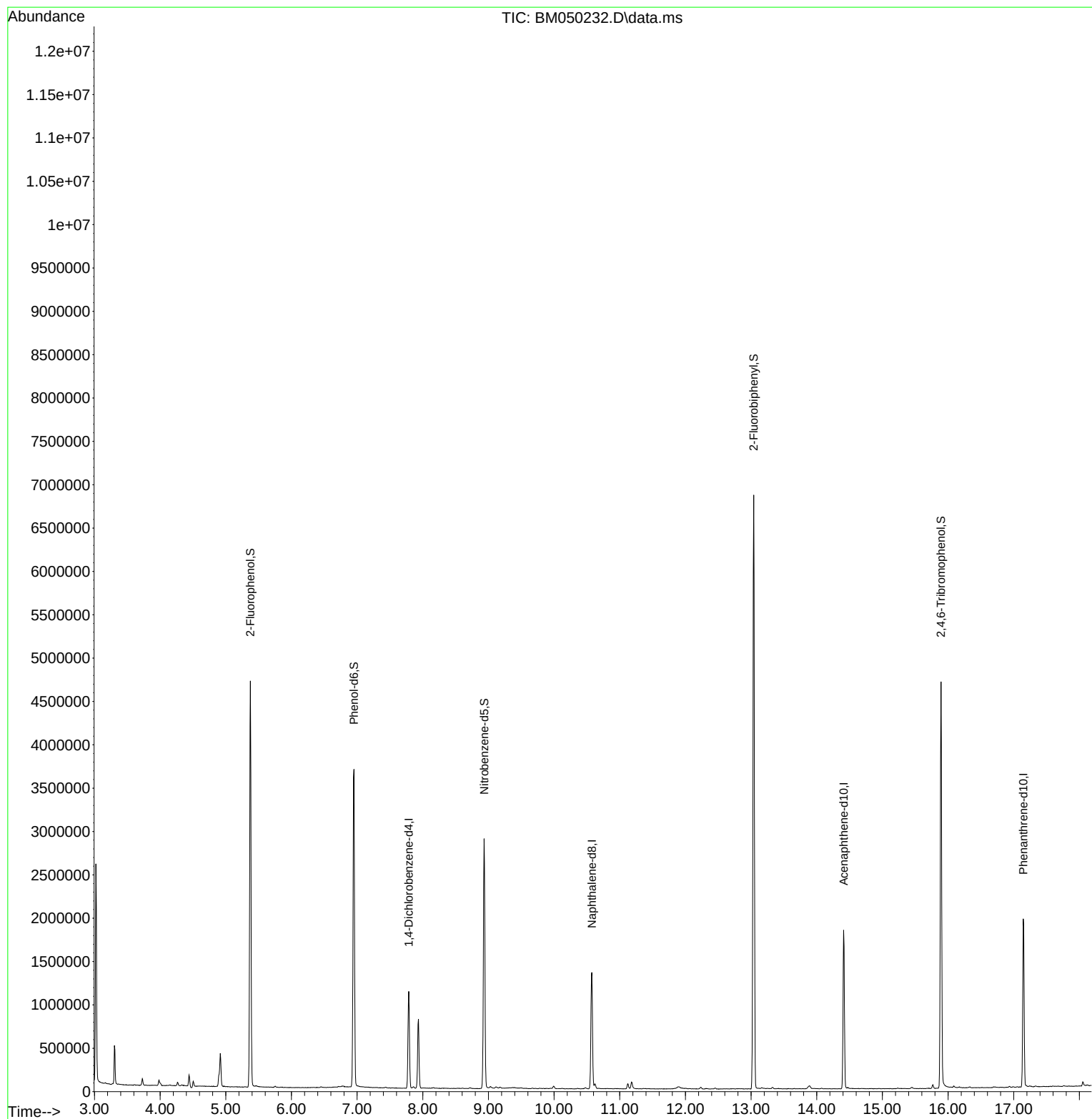
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050232.D
Acq On : 07 Jun 2025 03:20
Operator : RC/JU
Sample : Q2177-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

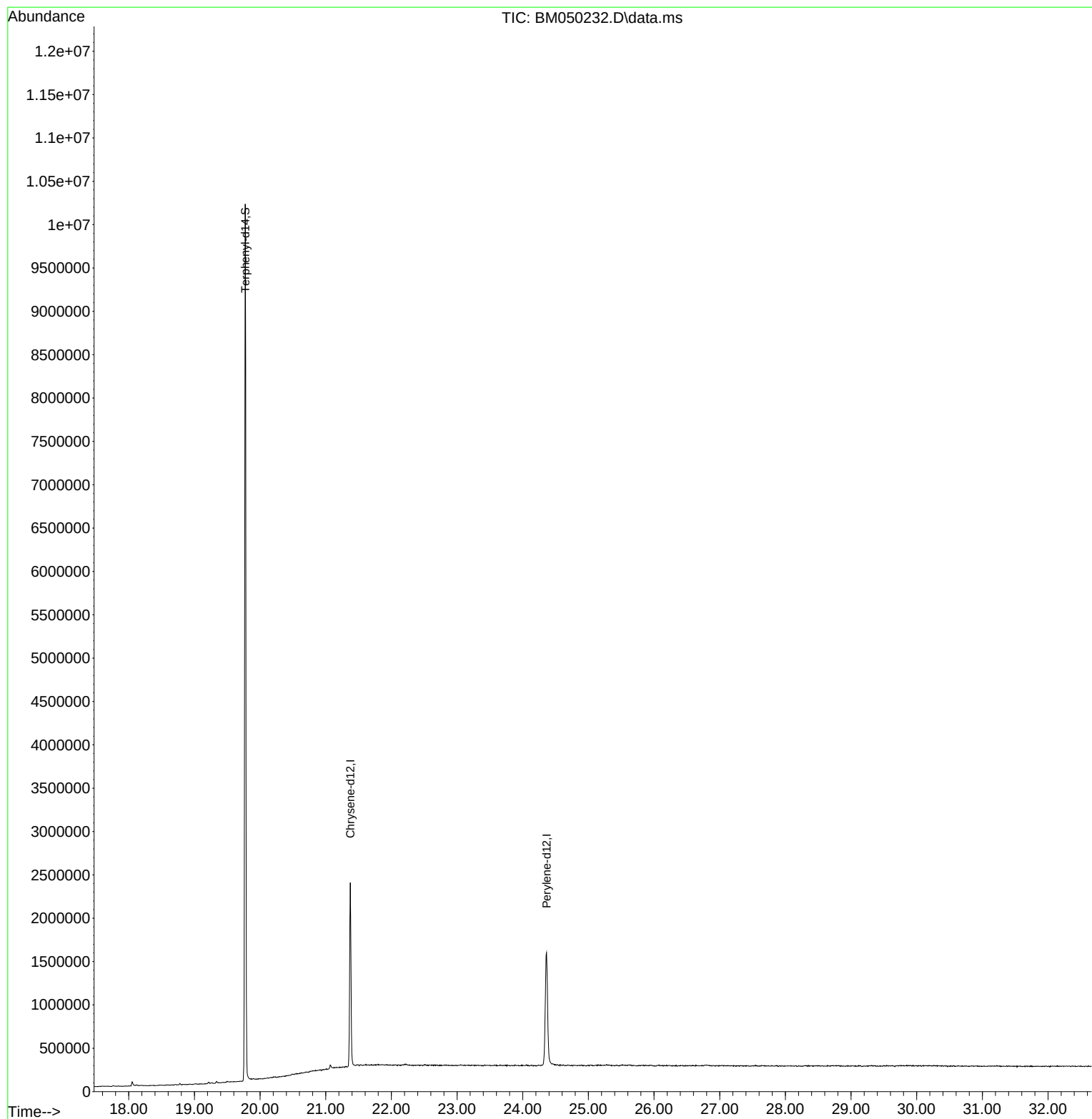
Quant Time: Jun 07 04:09:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

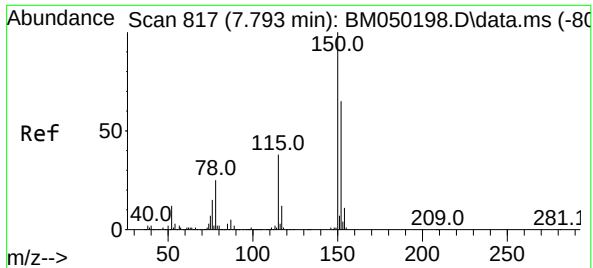


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050232.D
Acq On : 07 Jun 2025 03:20
Operator : RC/JU
Sample : Q2177-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Quant Time: Jun 07 04:09:46 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

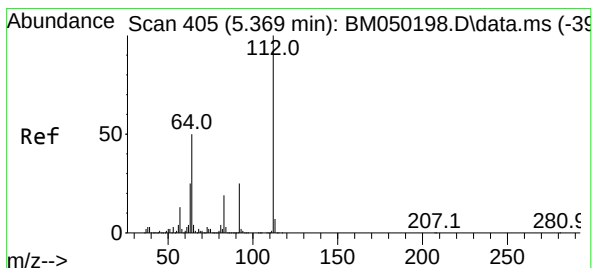
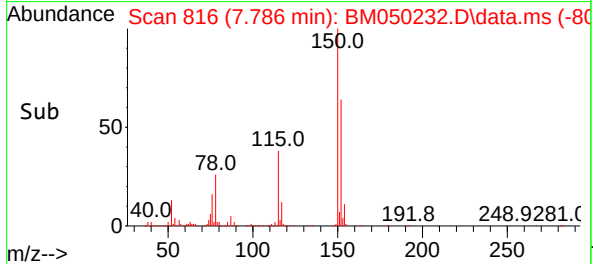
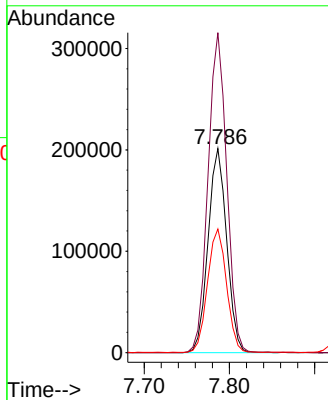
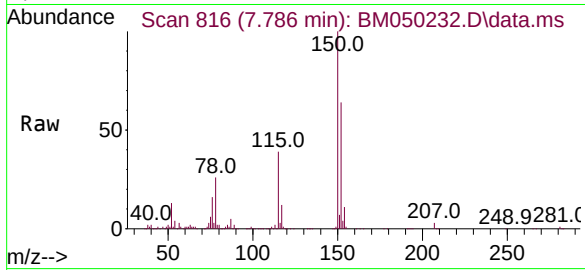




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

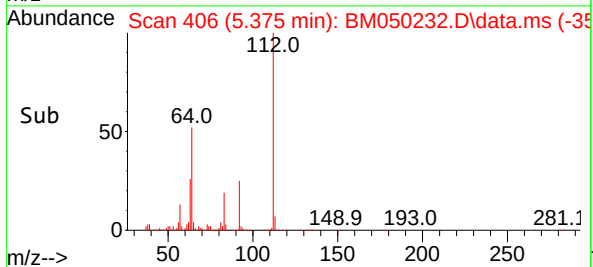
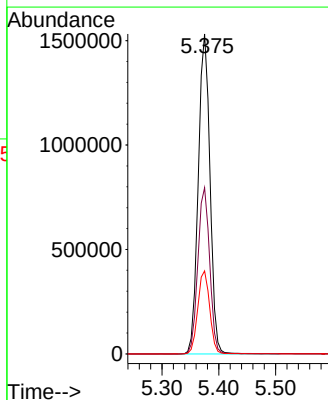
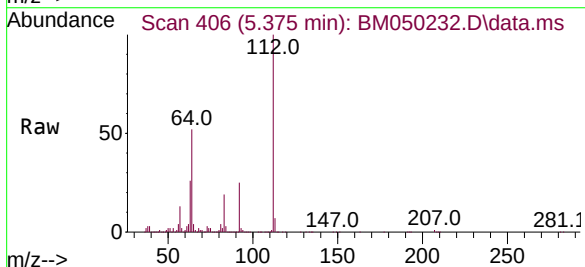
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

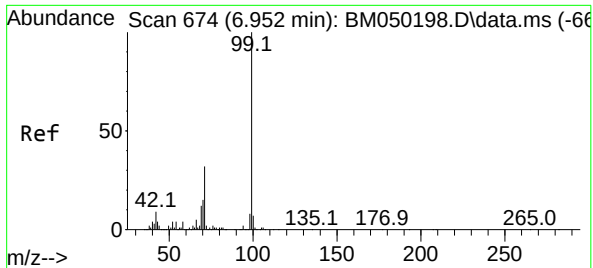
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.2	183.4
115	60.5	46.3	69.5



#5
2-Fluorophenol
Concen: 119.443 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.8	59.6
63	25.9	19.8	29.8

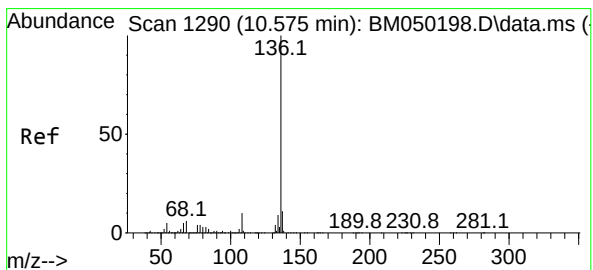
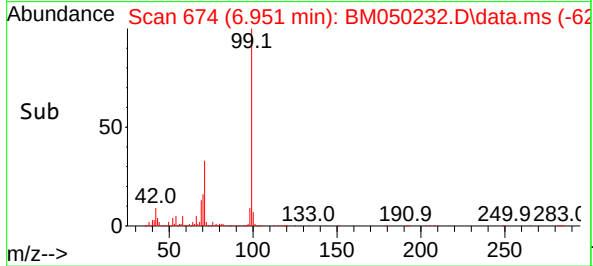
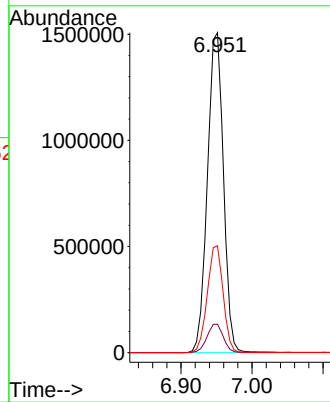
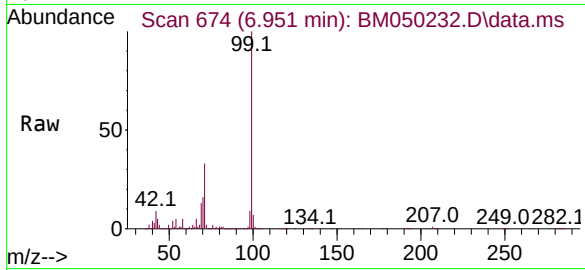




#7
Phenol-d6
Concen: 97.826 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

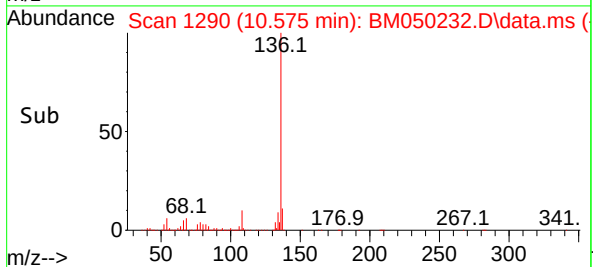
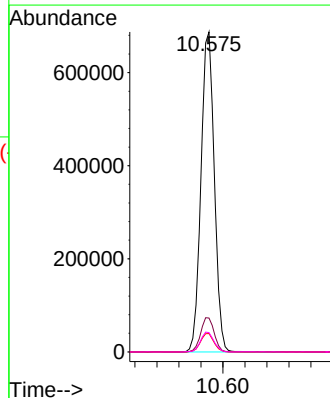
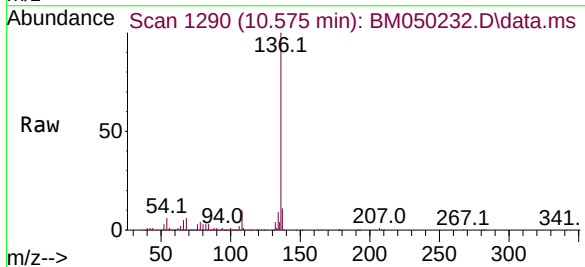
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

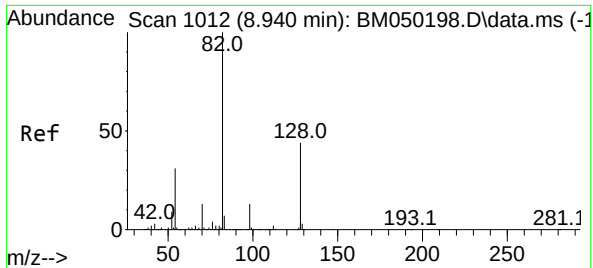
Tgt Ion: 99 Resp: 2358204
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 33.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion: 136 Resp: 1153728
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.7 3.8 5.8
68 6.0 4.9 7.3

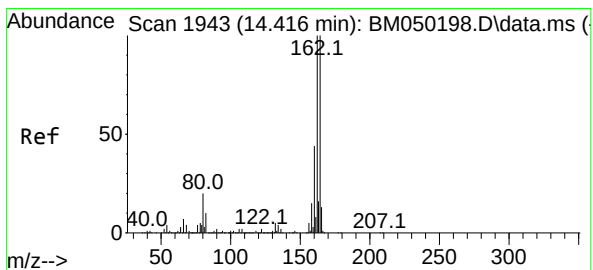
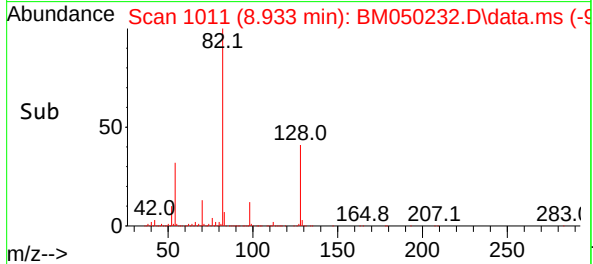
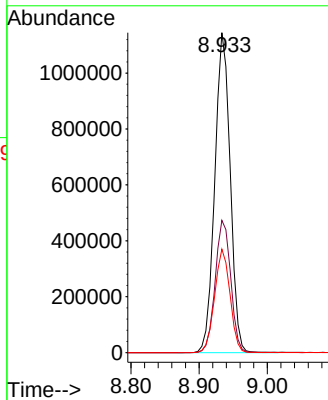
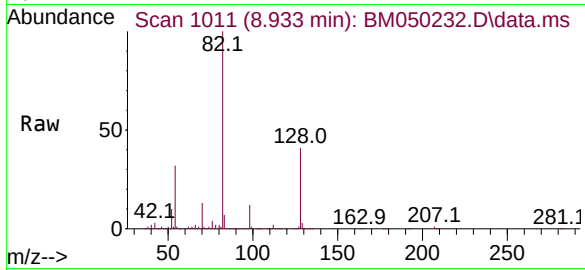




#23
Nitrobenzene-d5
Concen: 80.655 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

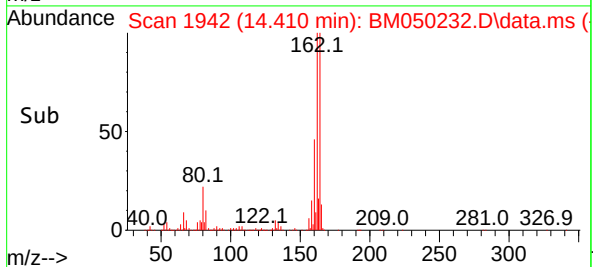
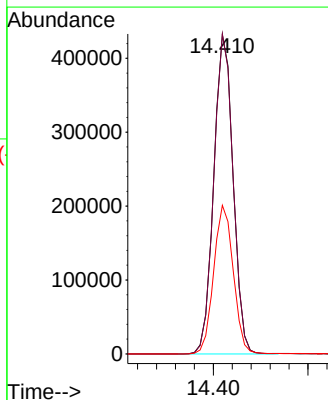
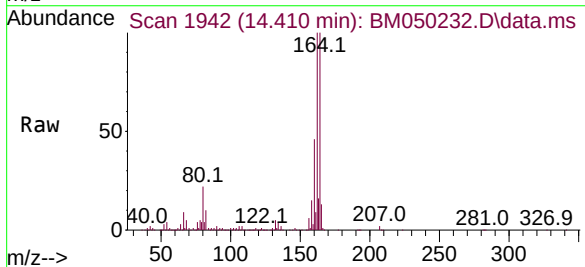
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

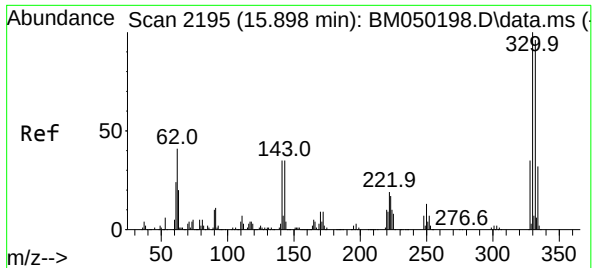
Tgt Ion: 82 Resp: 1789228
Ion Ratio Lower Upper
82 100
128 41.3 35.2 52.8
54 32.3 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:164 Resp: 611005
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.4
160 46.5 35.7 53.5

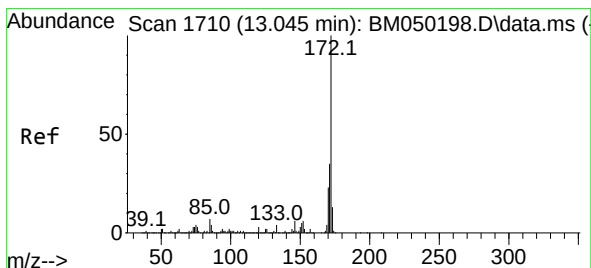
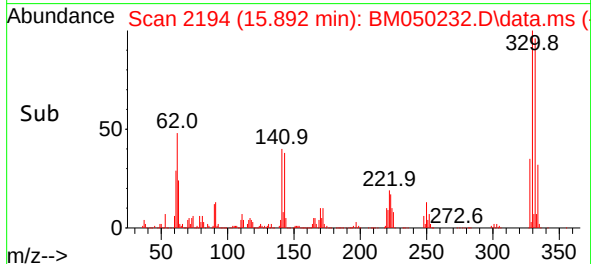
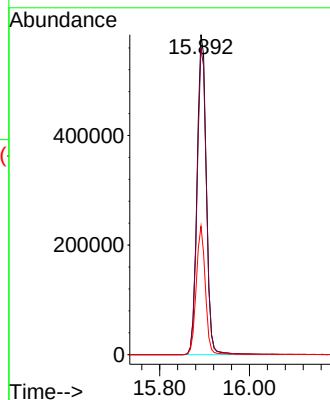
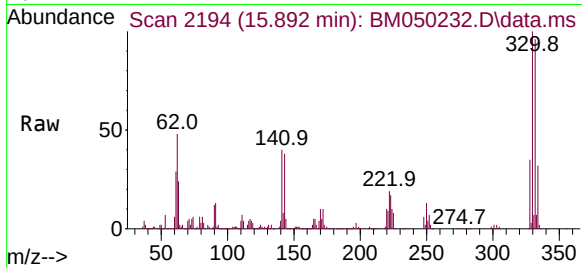




#42
2,4,6-Tribromophenol
Concen: 120.675 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

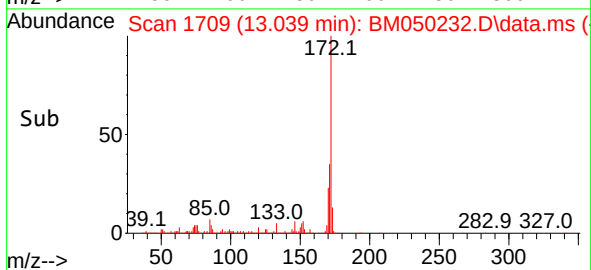
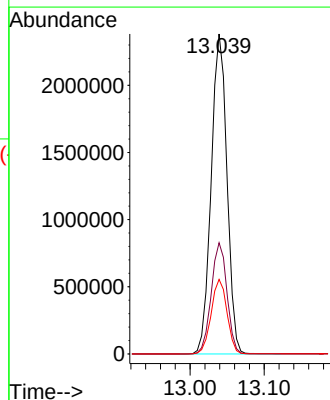
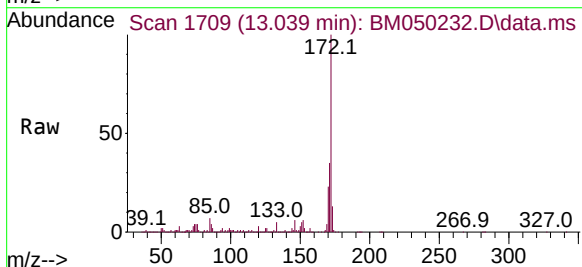
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

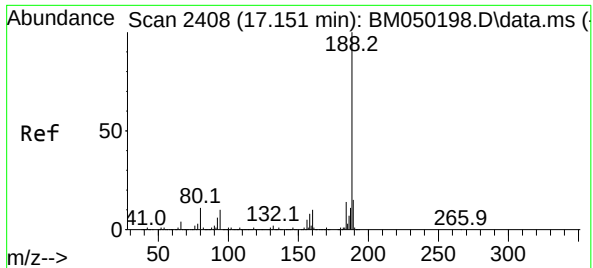
Tgt Ion:330 Resp: 838659
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 38.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.230 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:172 Resp: 3530581
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 27.8

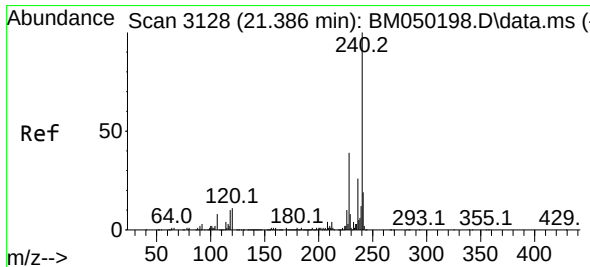
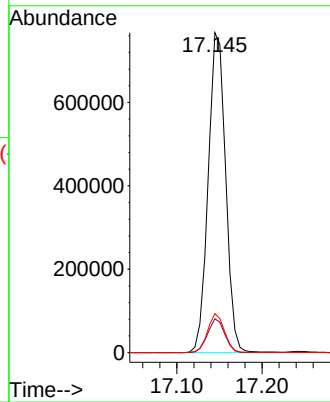
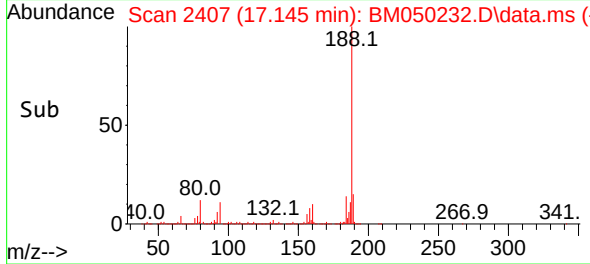
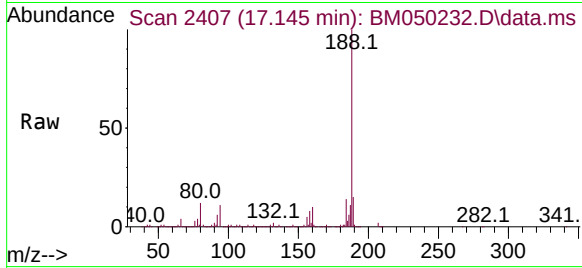




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

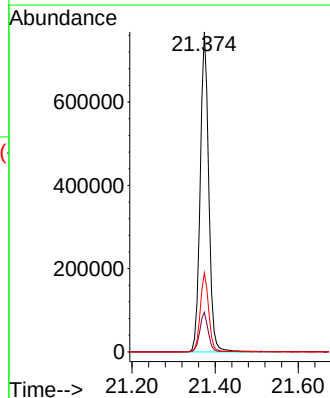
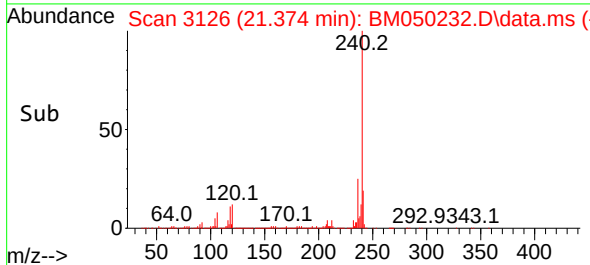
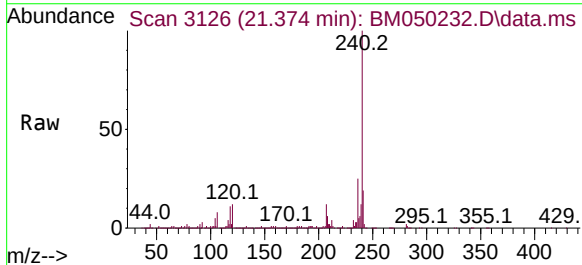
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

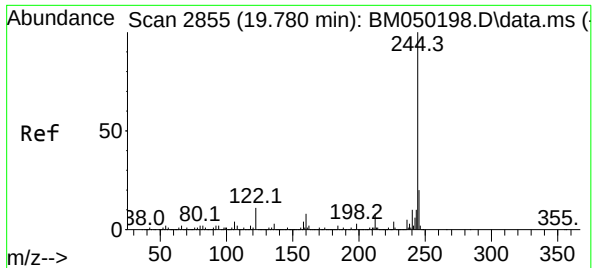
Tgt Ion:188 Resp: 1089581
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:240 Resp: 1091419
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 24.7 20.7 31.1

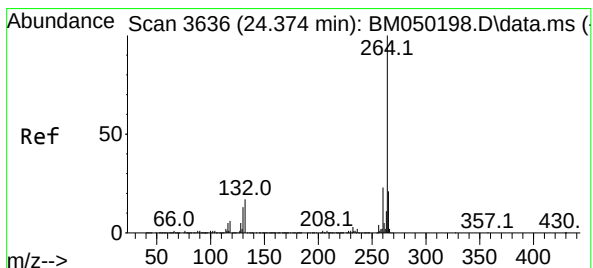
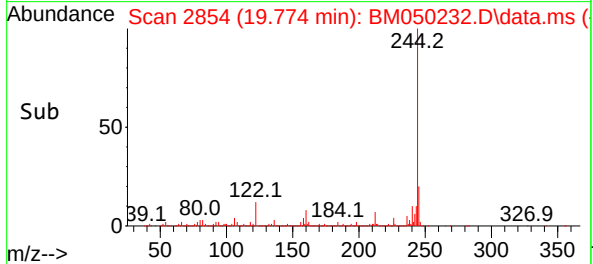
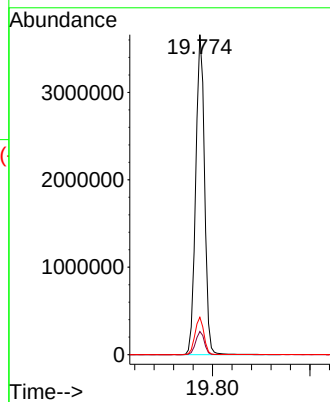
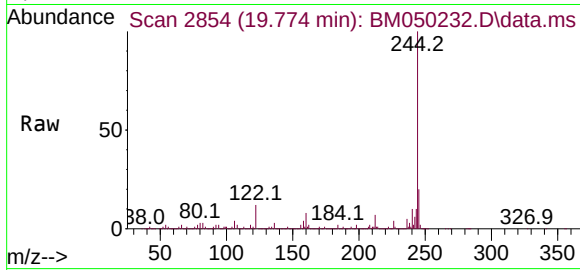




#79
Terphenyl-d14
Concen: 79.545 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

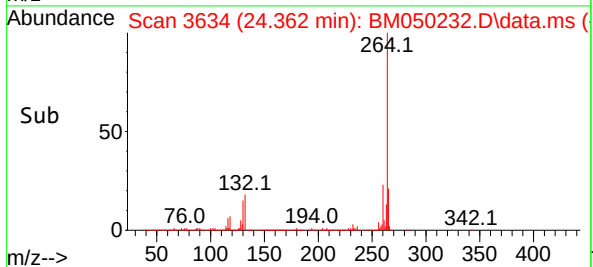
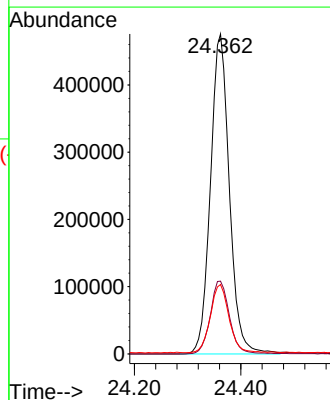
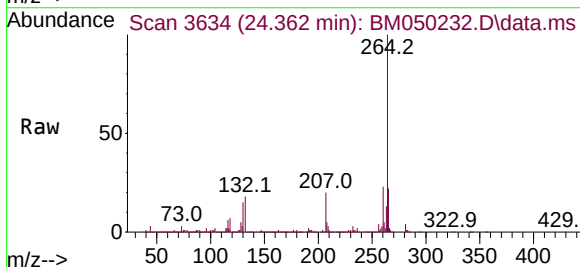
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion:244 Resp: 4581312
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.362 min Scan# 3634
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:264 Resp: 1171439
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.7 16.8 25.2



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-202-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-07	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050233.D	1	06/04/25 08:30	06/07/25 04:00	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	107		15 (10) - 110 (134)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.5		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	117		15 (44) - 110 (137)	78%	SPK: 150
1718-51-0	Terphenyl-d14	83.0		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	307000	7.787			
1146-65-2	Naphthalene-d8	1160000	10.569			
15067-26-2	Acenaphthene-d10	625000	14.41			
1517-22-2	Phenanthrene-d10	1110000	17.145			
1719-03-5	Chrysene-d12	1040000	21.374			
1520-96-3	Perylene-d12	1120000	24.356			

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-202-SB01	SDG No.:	Q2177
Lab Sample ID:	Q2177-07	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050233.D	1	06/04/25 08:30	06/07/25 04:00	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
 Data File : BM050233.D
 Acq On : 07 Jun 2025 04:00
 Operator : RC/JU
 Sample : Q2177-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-202-SB01

Quant Time: Jun 07 05:36:09 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

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

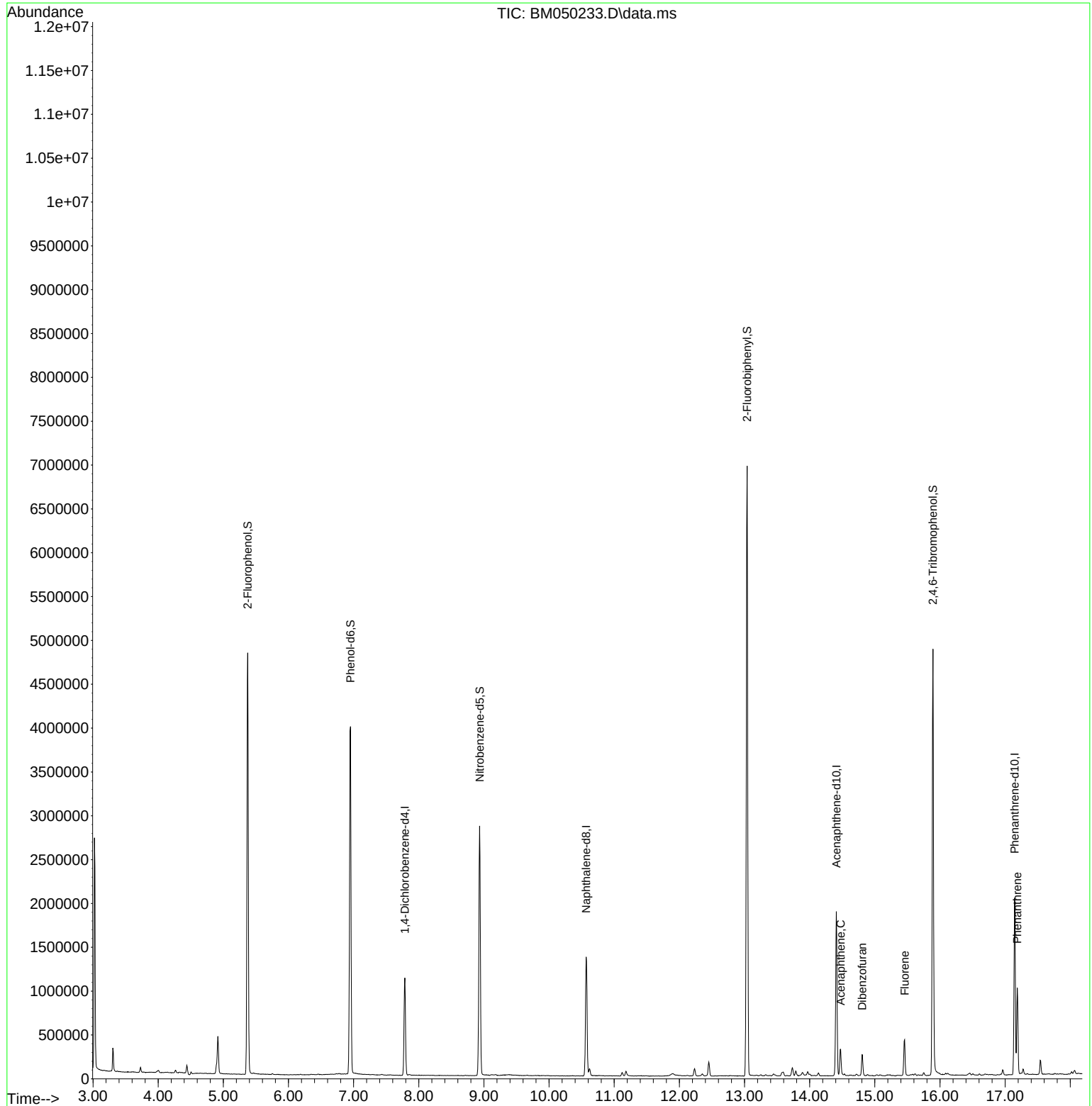
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	306776	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1155499	20.000	ng	#-0.01
39) Acenaphthene-d10	14.410	164	625136	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1109436	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1043232	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1124100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2277932	123.866	ng	0.00
7) Phenol-d6	6.952	99	2586807	106.853	ng	0.00
23) Nitrobenzene-d5	8.934	82	1787839	80.469	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	829869	116.711	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3525780	76.357	ng	-0.01
79) Terphenyl-d14	19.774	244	4569124	82.998	ng	-0.01
Target Compounds						
						Qvalue
52) Acenaphthene	14.475	154	102876	2.794	ng	96
55) Dibenzofuran	14.804	168	147513	2.739	ng	97
58) Fluorene	15.457	166	171436	4.156	ng	97
71) Phenanthrene	17.186	178	558859	8.818	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050233.D
Acq On : 07 Jun 2025 04:00
Operator : RC/JU
Sample : Q2177-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

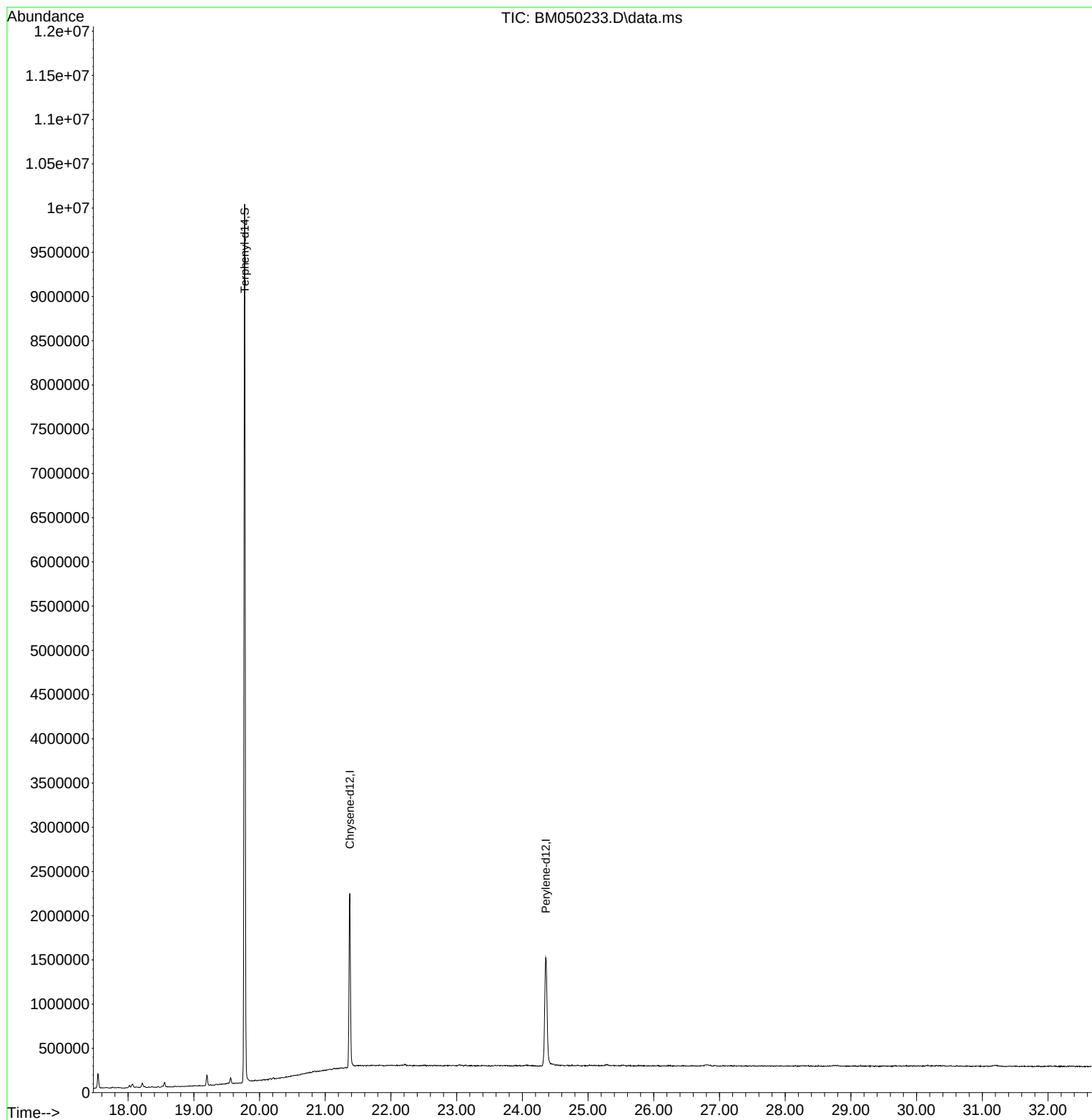
Quant Time: Jun 07 05:36:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

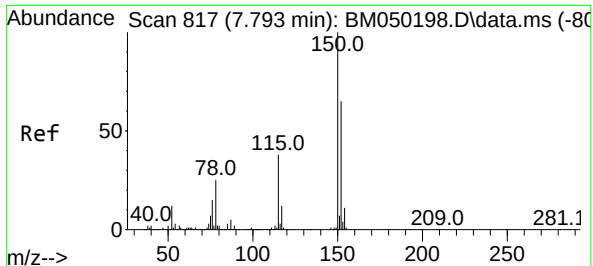


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050233.D
Acq On : 07 Jun 2025 04:00
Operator : RC/JU
Sample : Q2177-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Quant Time: Jun 07 05:36:09 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

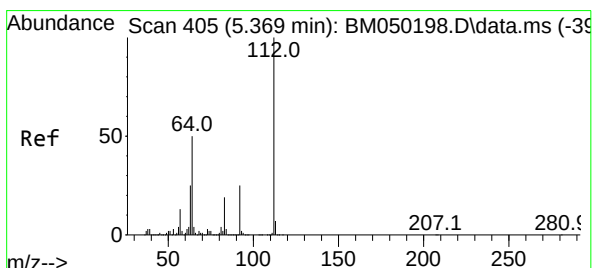
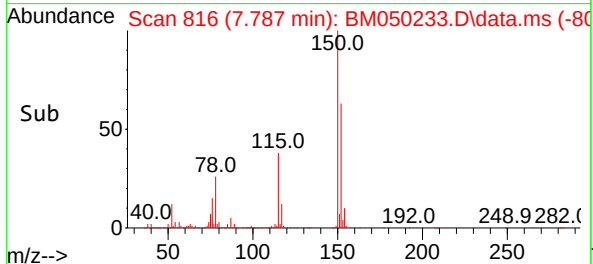
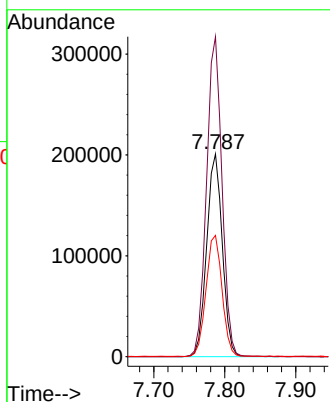
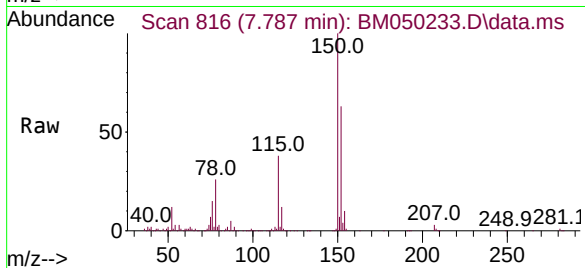




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

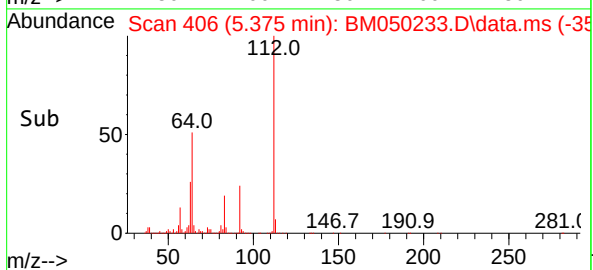
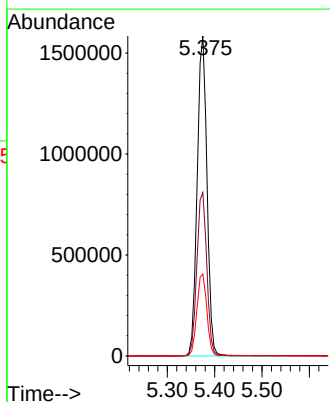
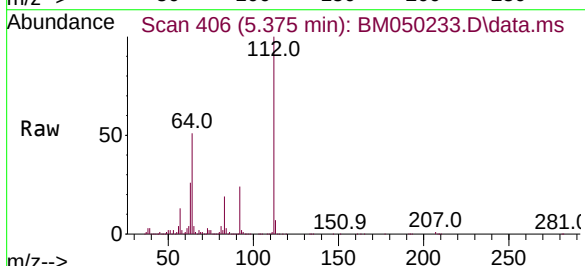
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

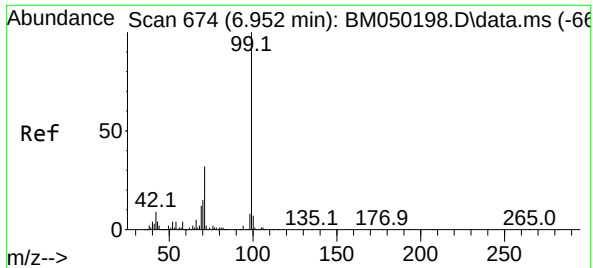
Tgt Ion:152 Resp: 306776
Ion Ratio Lower Upper
152 100
150 158.0 122.2 183.4
115 59.9 46.3 69.5



#5
2-Fluorophenol
Concen: 123.866 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:112 Resp: 2277932
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.6
63 25.6 19.8 29.8

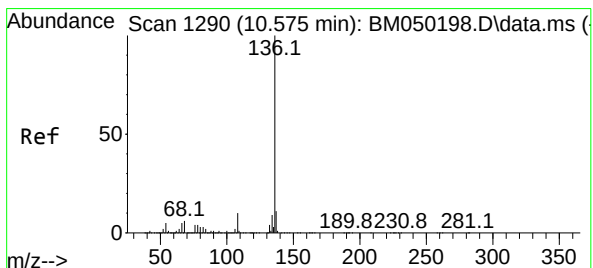
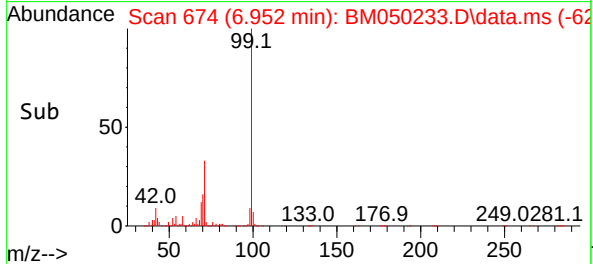
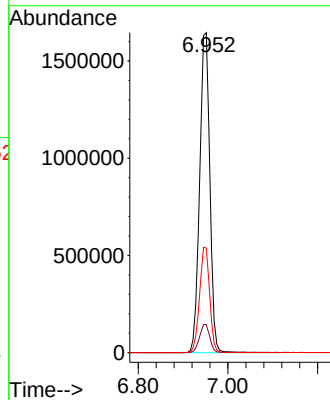
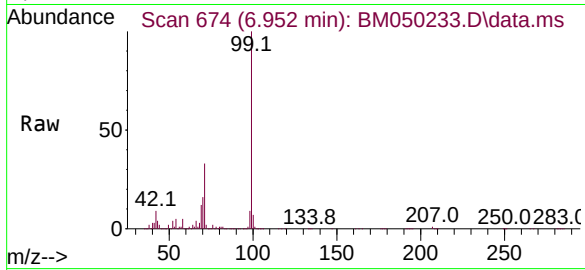




#7
Phenol-d6
Concen: 106.853 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

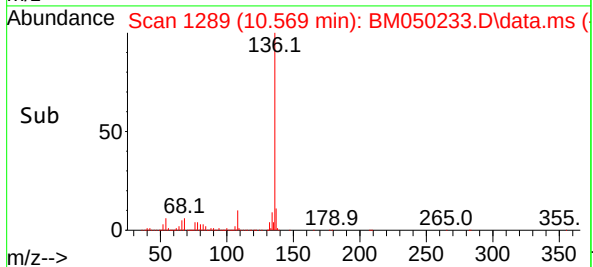
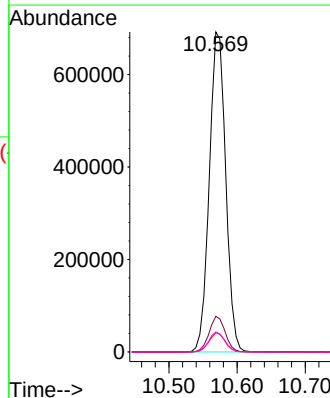
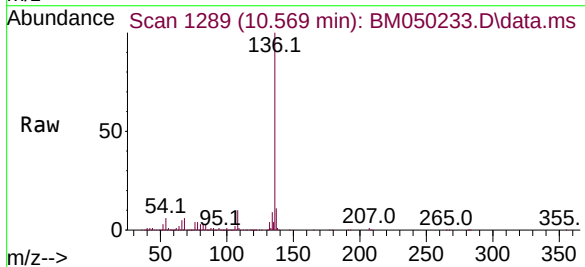
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

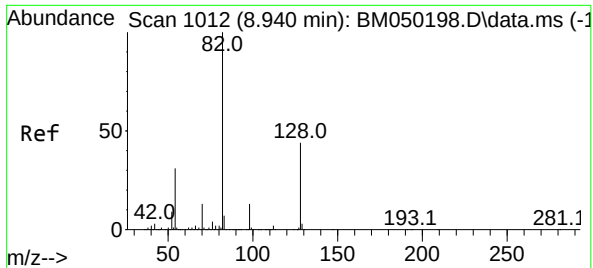
Tgt Ion: 99 Resp: 2586807
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion: 136 Resp: 1155499
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.0 3.8 5.8#
68 6.2 4.9 7.3

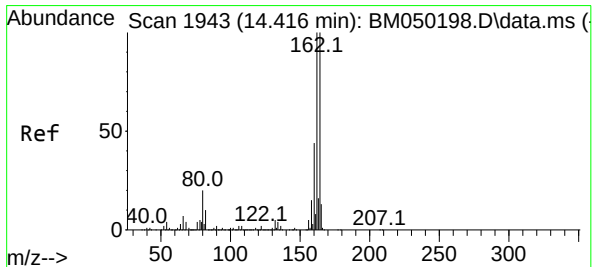
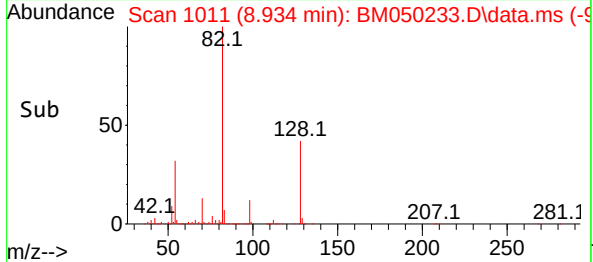
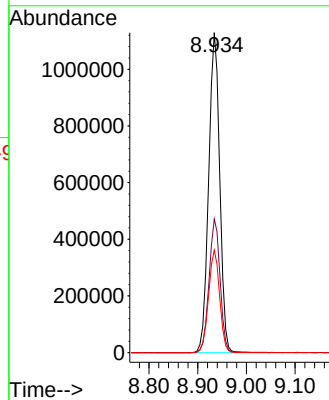
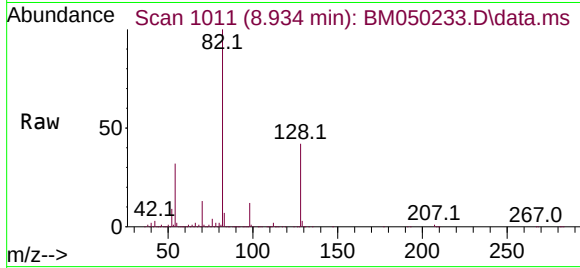




#23
Nitrobenzene-d5
Concen: 80.469 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

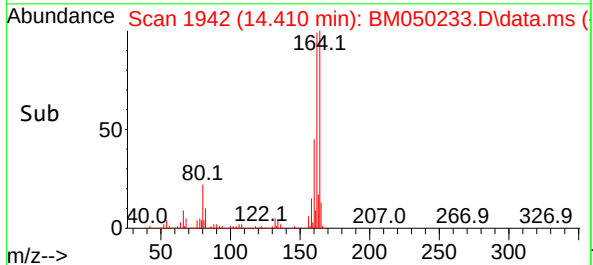
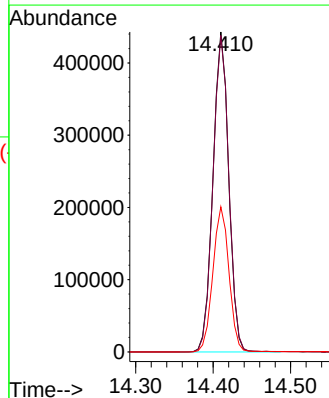
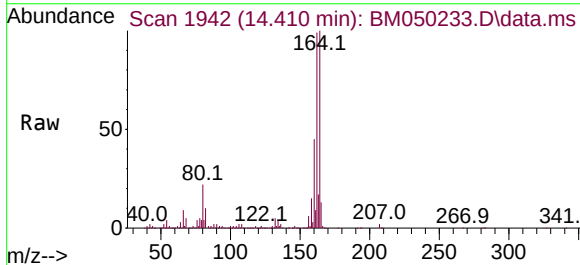
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

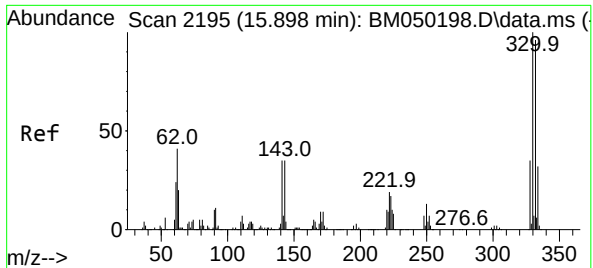
Tgt Ion: 82 Resp: 1787839
Ion Ratio Lower Upper
82 100
128 41.8 35.2 52.8
54 32.0 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:164 Resp: 625136
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 45.3 35.7 53.5

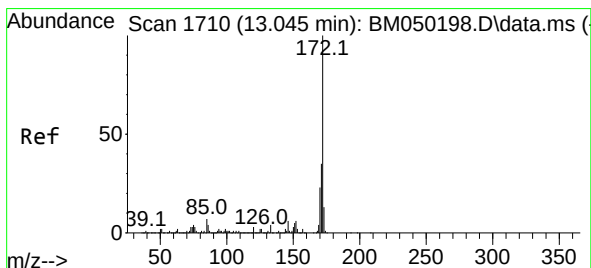
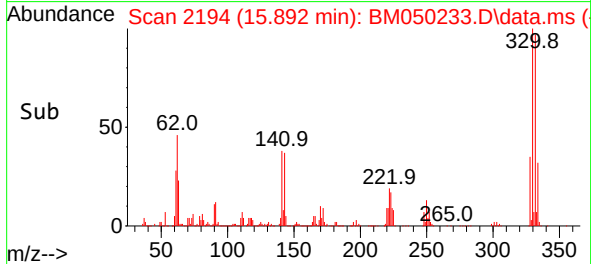
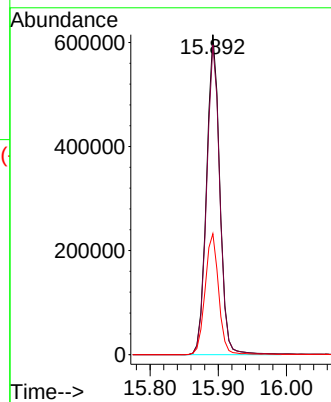
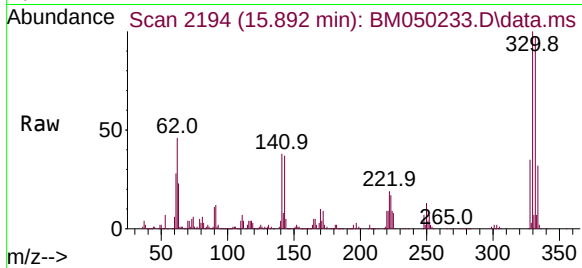




#42
2,4,6-Tribromophenol
Concen: 116.711 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

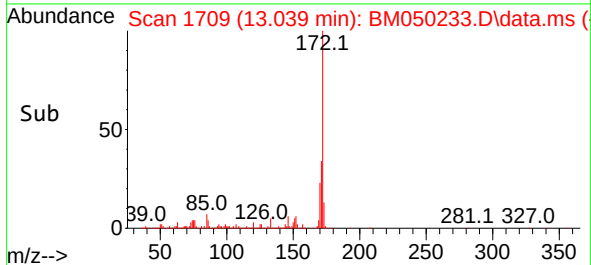
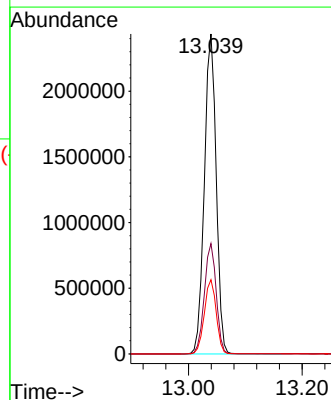
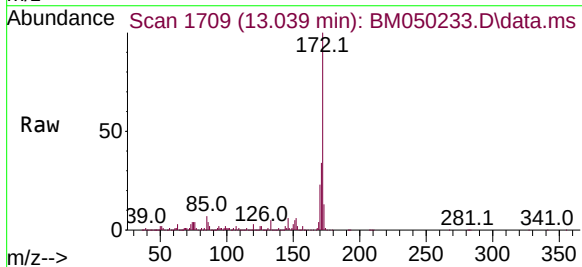
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

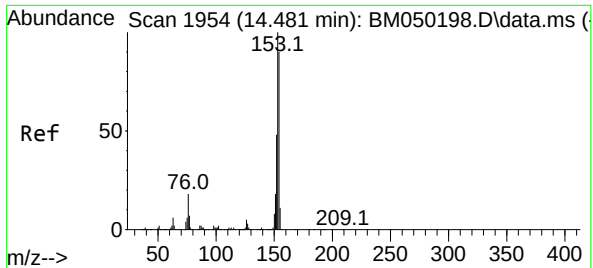
Tgt Ion:330 Resp: 829869
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 38.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 76.357 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:172 Resp: 3525780
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.6 27.8

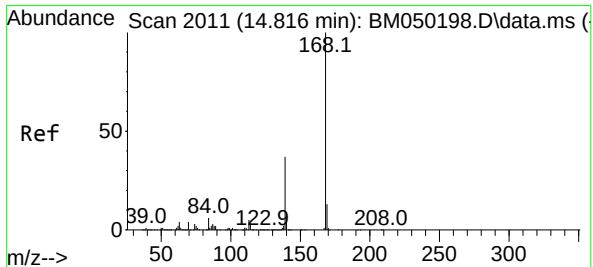
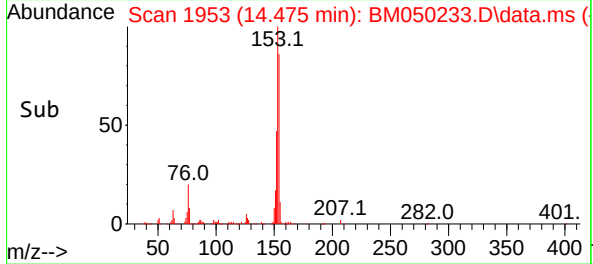
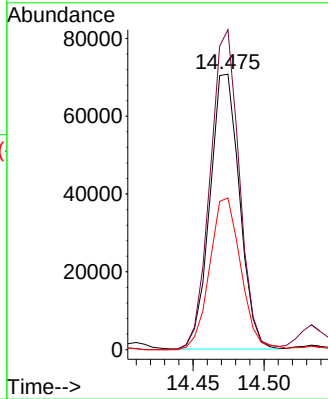
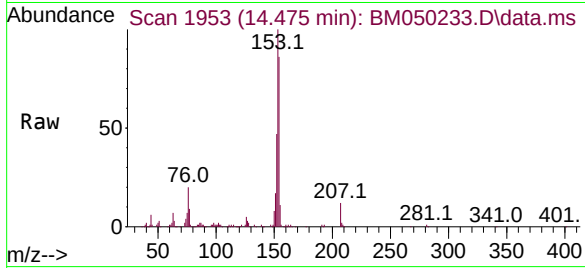




#52
Acenaphthene
Concen: 2.794 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

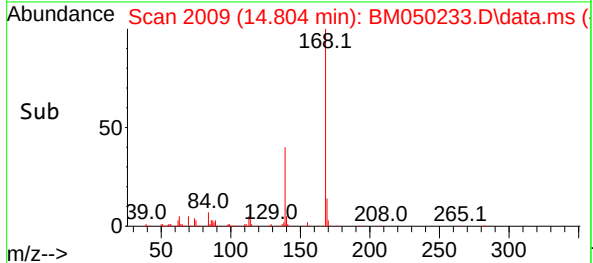
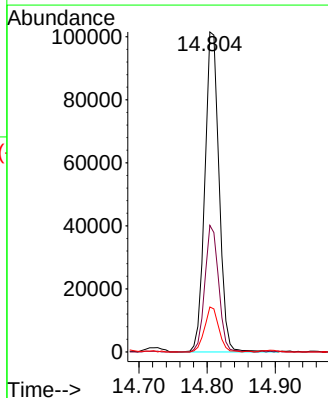
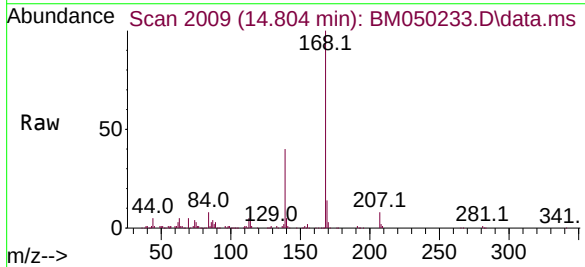
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

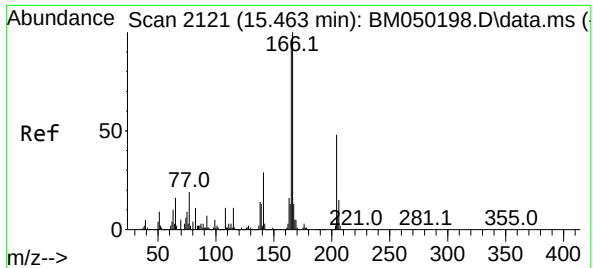
Tgt Ion:154 Resp: 102876
Ion Ratio Lower Upper
154 100
153 116.1 88.7 133.1
152 55.0 42.6 63.8



#55
Dibenzofuran
Concen: 2.739 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:168 Resp: 147513
Ion Ratio Lower Upper
168 100
139 39.5 29.9 44.9
169 14.0 10.6 16.0

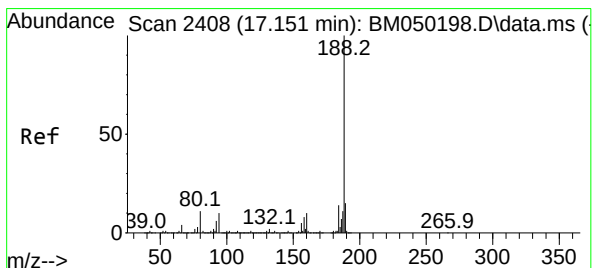
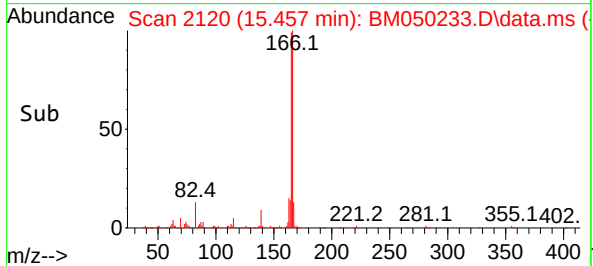
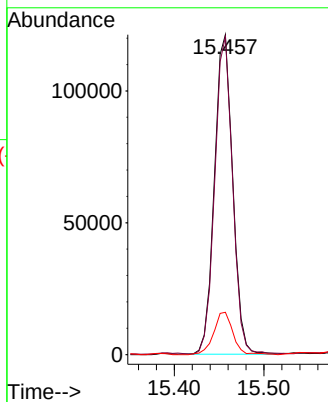
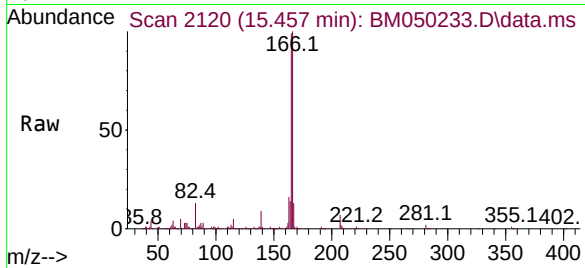




#58
Fluorene
Concen: 4.156 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

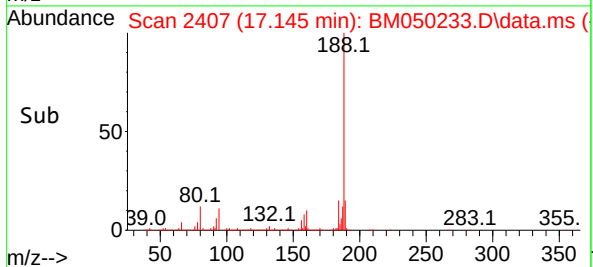
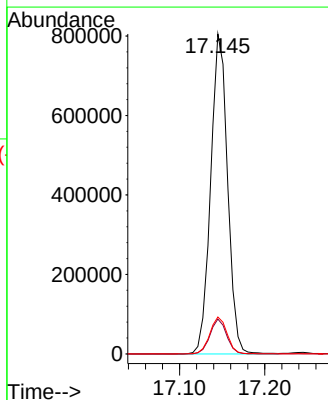
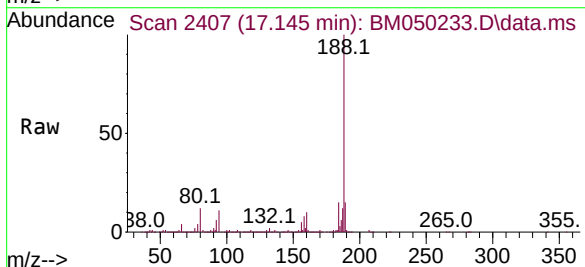
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

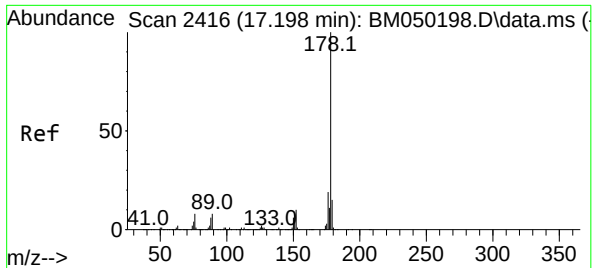
Tgt Ion:166 Resp: 171436
Ion Ratio Lower Upper
166 100
165 99.4 77.0 115.4
167 13.2 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:188 Resp: 1109436
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 11.5 8.6 13.0

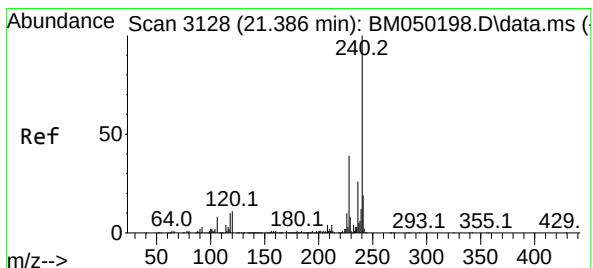
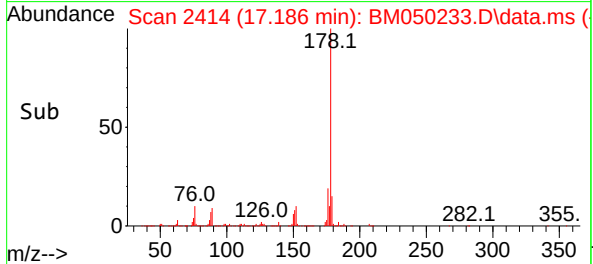
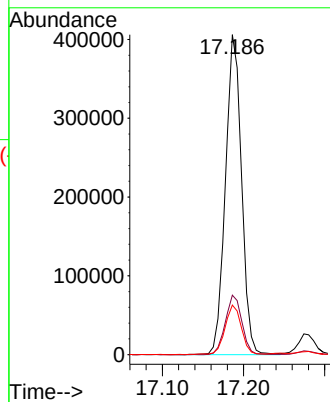
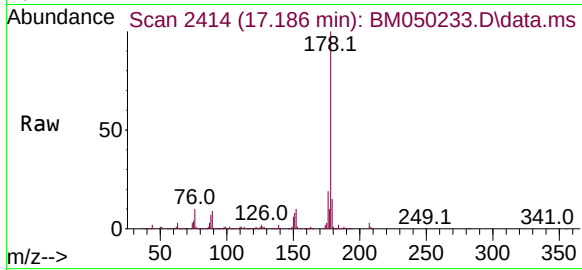




#71
Phenanthrene
Concen: 8.818 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

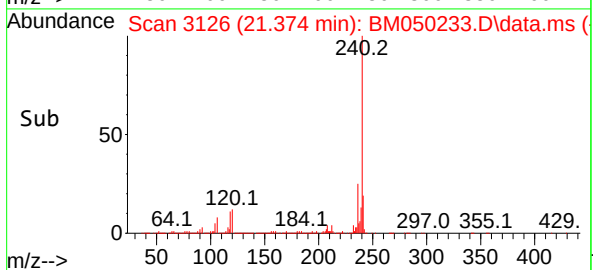
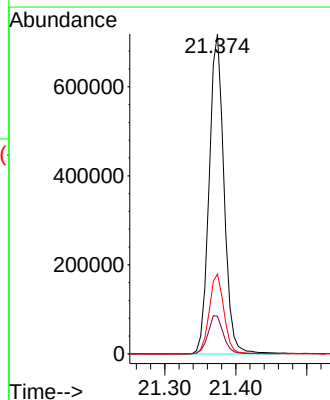
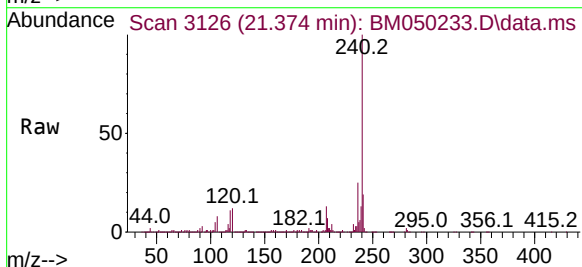
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

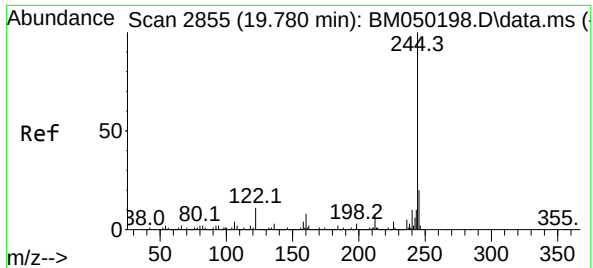
Tgt Ion:178 Resp: 558859
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.5 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:240 Resp: 1043232
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 25.0 20.7 31.1

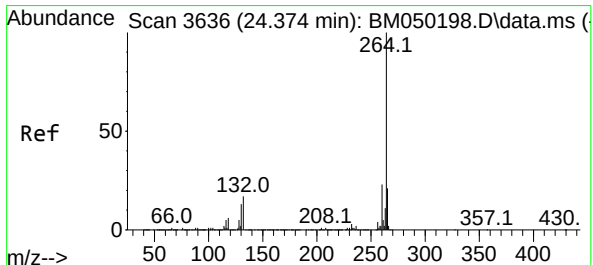
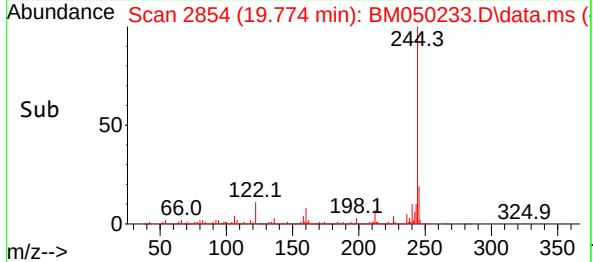
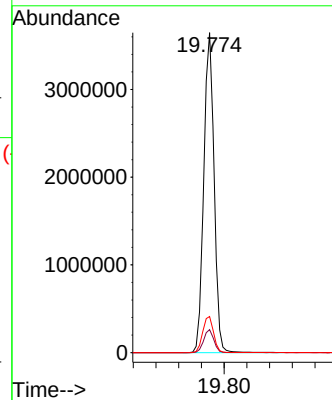
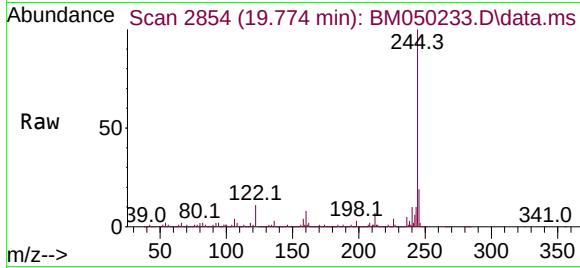




#79
Terphenyl-d14
Concen: 82.998 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

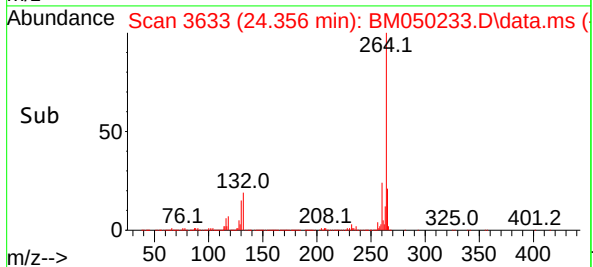
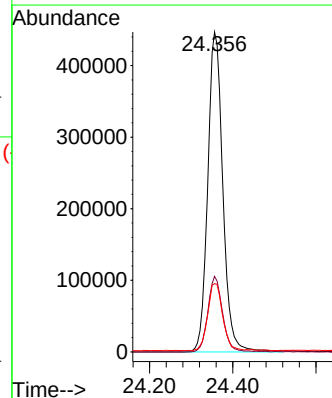
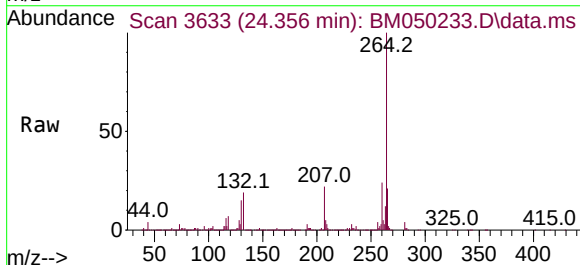
Instrument :
BNA_M
ClientSampleId :
B-202-SB01

Tgt Ion:244 Resp: 4569124
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3633
Delta R.T. -0.018 min
Lab File: BM050233.D
Acq: 07 Jun 2025 04:00

Tgt Ion:264 Resp: 1124100
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.3 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: PORT06
 Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG No.: Q2177
 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	
Pyridine		1.353	1.352	1.370	1.311	1.425	1.361	2.8	
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	
1,4-Dichlorobenzene		1.619	1.544	1.564	1.450	1.591	1.534	4.3	
2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.102	5.0	
3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.474	7.0	
Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.385	5.4	
Hexachloroethane	0.553	0.564	0.544	0.552	0.533	0.593	0.555	3.3	
Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.350	4.1	
Hexachlorobutadiene		0.188	0.184	0.189	0.182	0.202	0.190	3.7	
2,4,6-Trichlorophenol		0.346	0.347	0.379	0.375	0.414	0.380	6.9	
2-Fluorobiphenyl		1.589	1.536	1.532	1.377	1.463	1.477	5.7	
2,4,5-Trichlorophenol		0.371	0.382	0.424	0.414	0.457	0.417	7.5	
2,4-Dinitrotoluene		0.250	0.283	0.365	0.396	0.447	0.360	19.3	
2,4,6-Tribromophenol		0.210	0.213	0.238	0.231	0.254	0.227	7.0	
Hexachlorobenzene		0.249	0.240	0.253	0.238	0.261	0.249	3.3	
Pentachlorophenol		0.133	0.138	0.165	0.164	0.187	0.162	12.2	
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

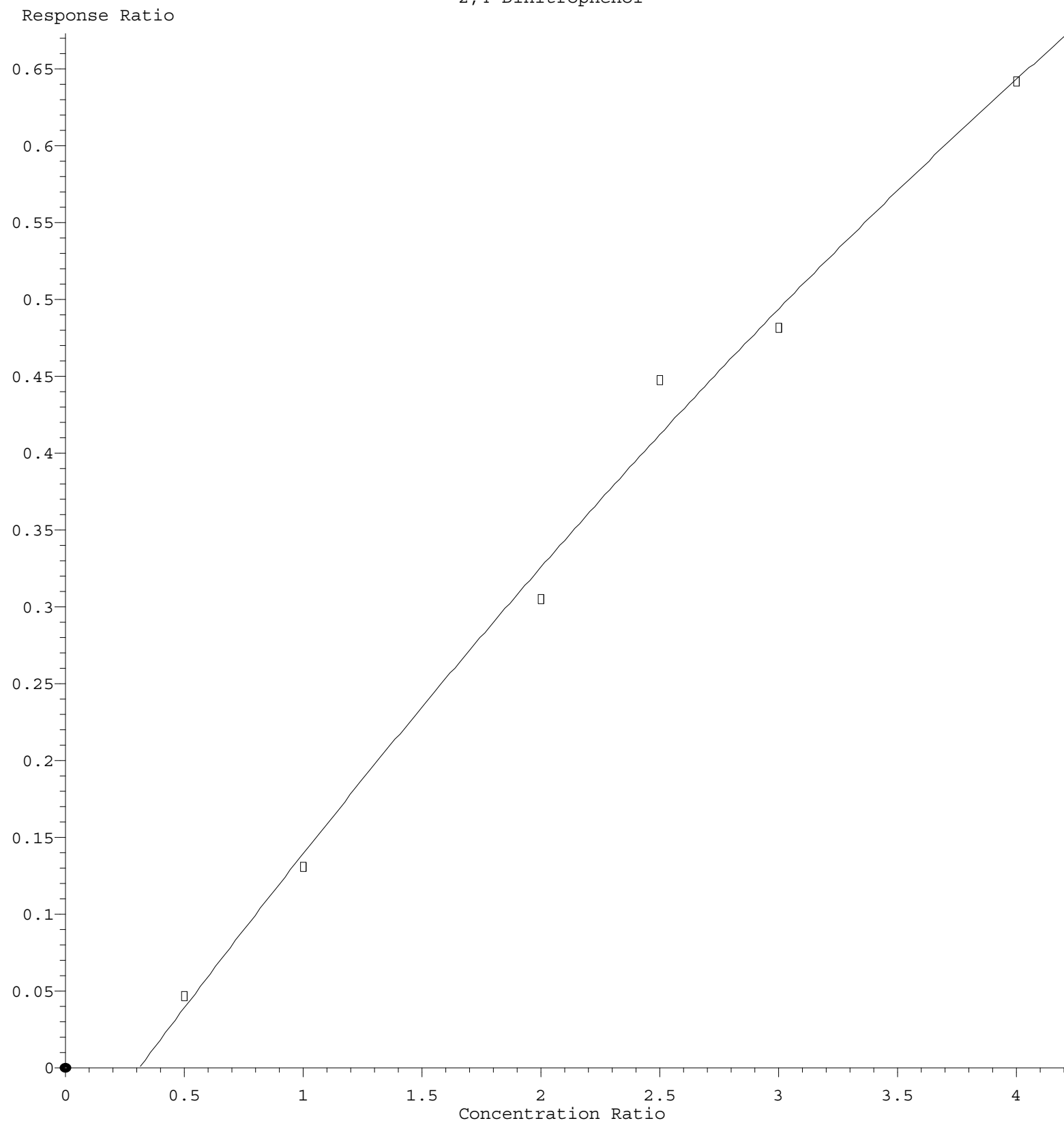
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71	
41) P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02	
42) S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99	
43) C	2,4,6-Trichlor...	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

		-----ISTD-----								
86) I	Perylene-d12									
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)

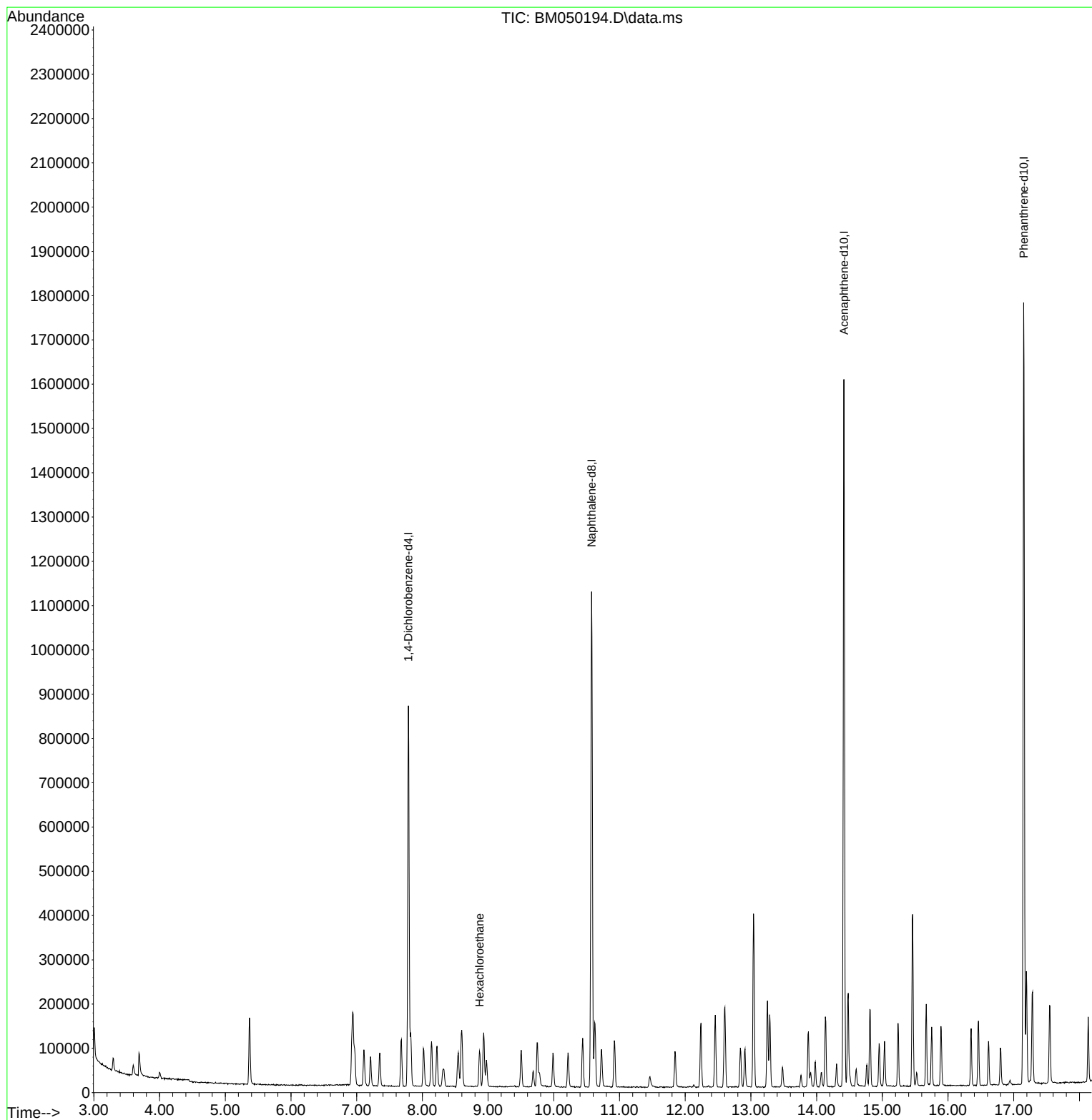
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	244555	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	945759	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	534696	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	982061	20.000	ng	0.00
76) Chrysene-d12	21.386	240	992954	20.000	ng	0.00
86) Perylene-d12	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						Qvalue
18) Hexachloroethane	8.869	117	16914	2.490	ng	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

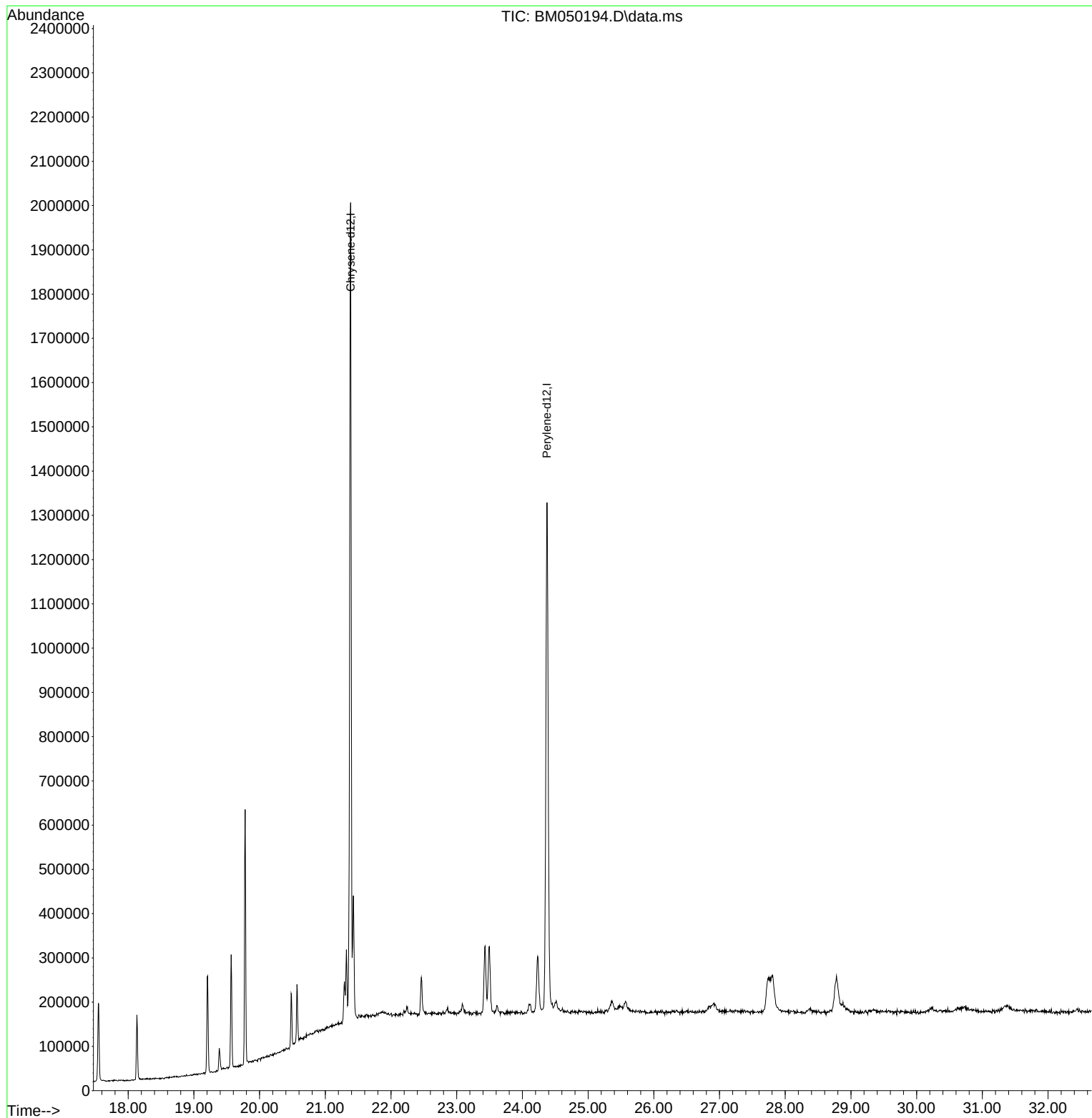
Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

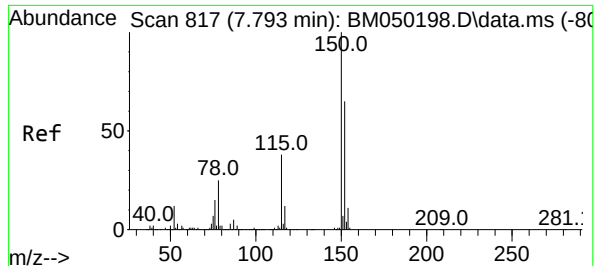


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

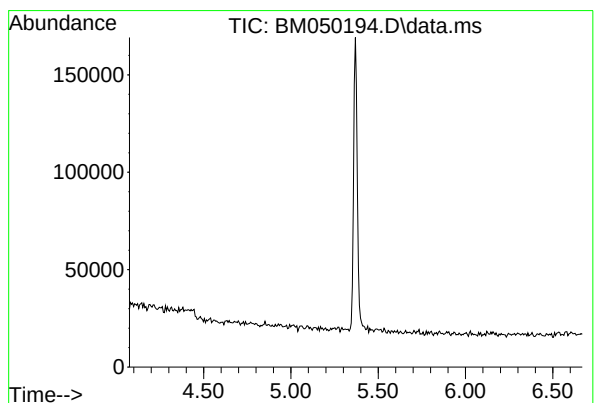
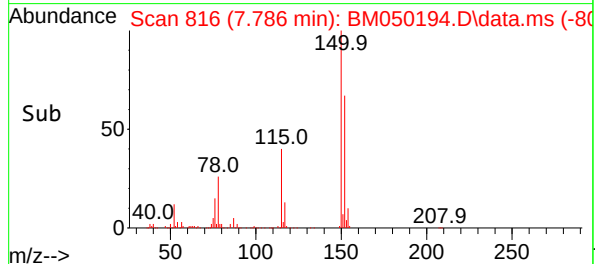
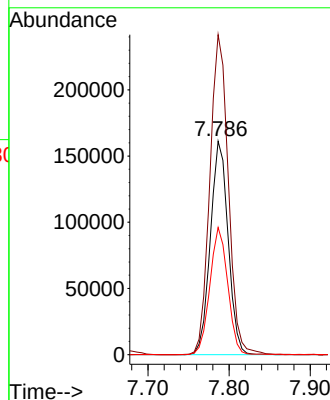
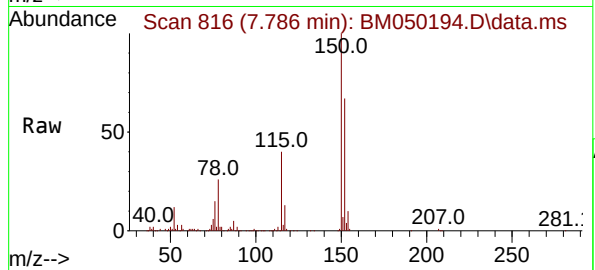




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

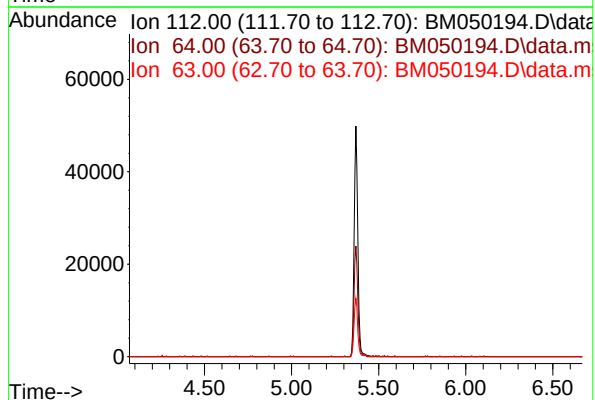
Tgt Ion:152 Resp: 244555
Ion Ratio Lower Upper
152 100
150 150.0 122.2 183.4
115 59.6 46.3 69.5

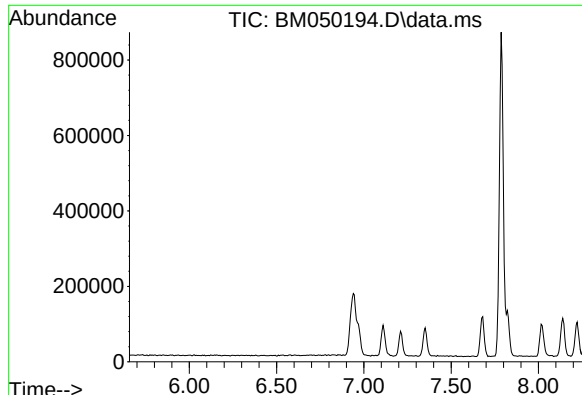


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.37 min

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

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





#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

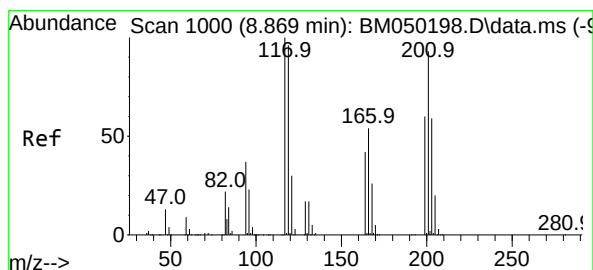
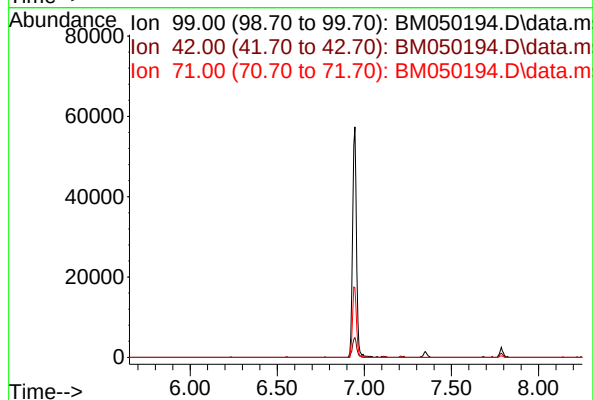
Tgt Ion: 99

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

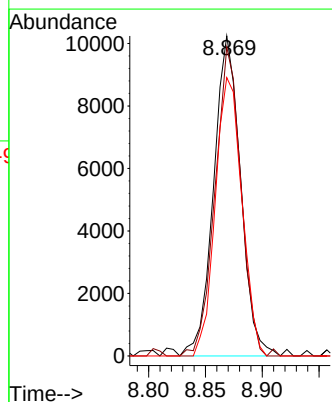
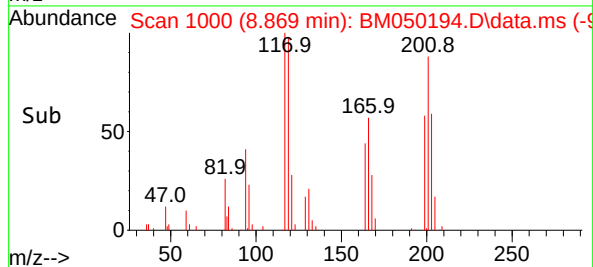
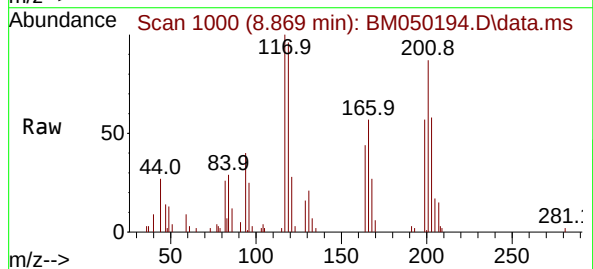
Tgt Ion: 117 Resp: 16914

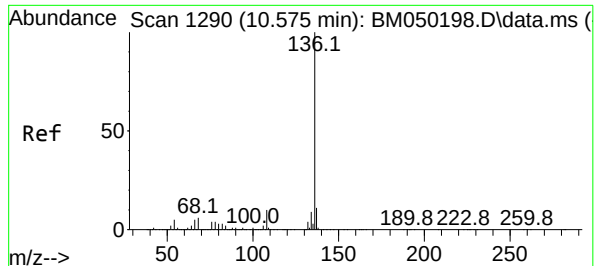
Ion Ratio Lower Upper

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

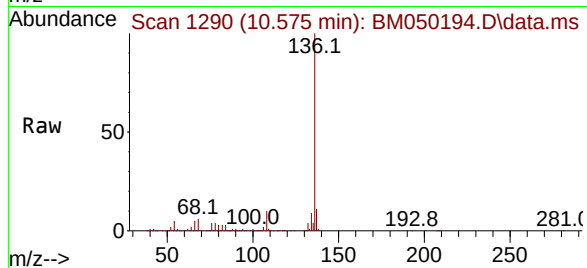
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 945759

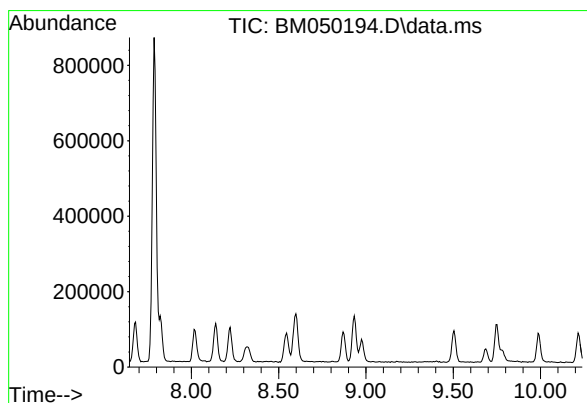
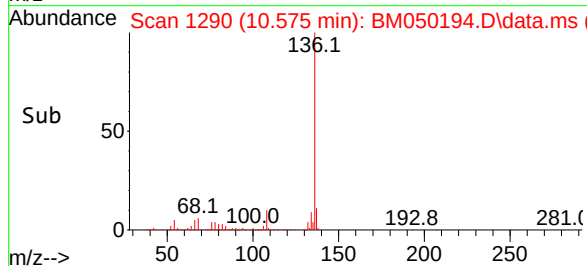
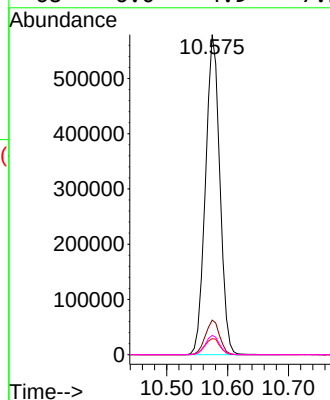
Ion Ratio Lower Upper

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

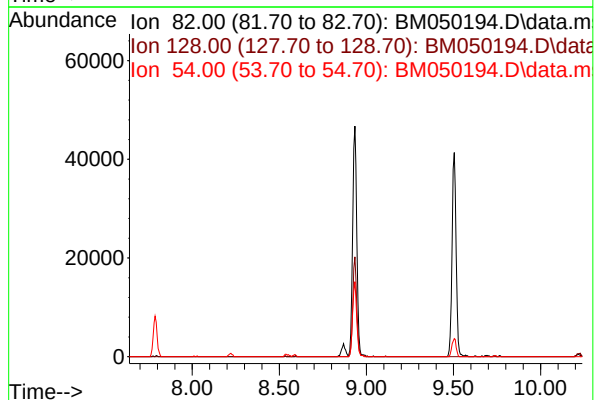
Tgt Ion: 82

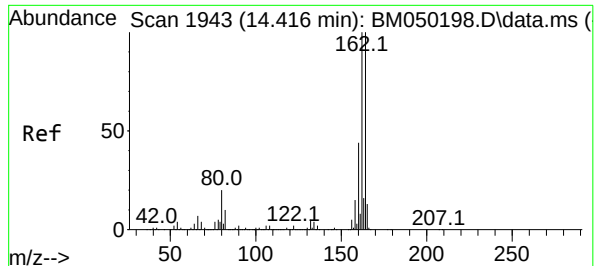
Sig Exp Ratio

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

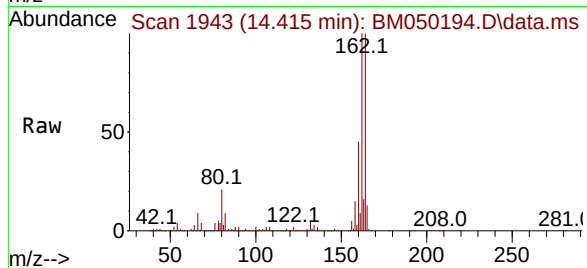
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



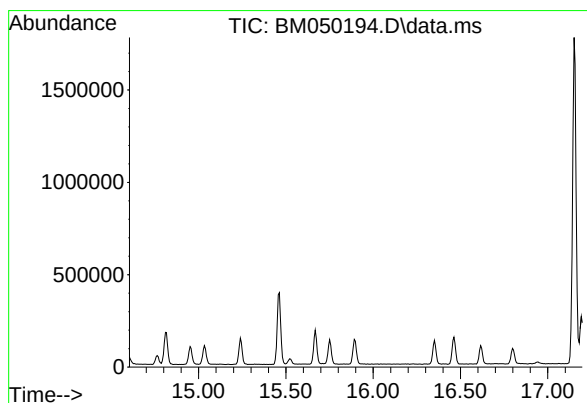
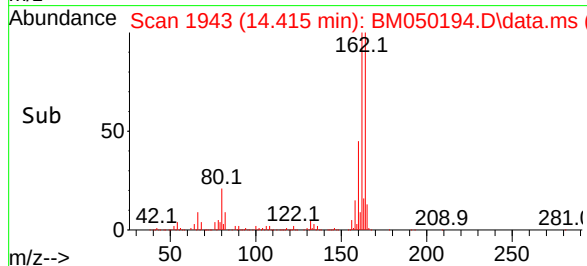
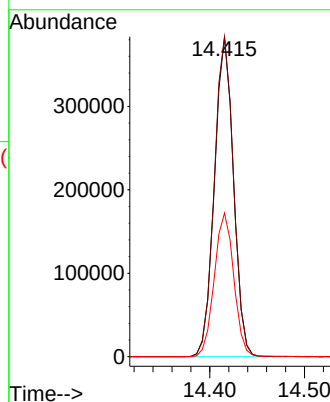
Tgt Ion:164 Resp: 534696

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

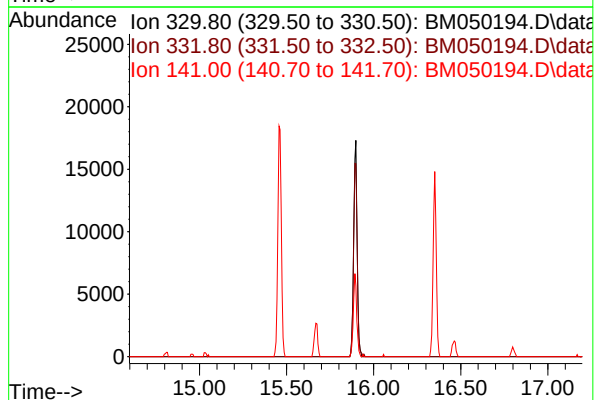
Tgt Ion: 330

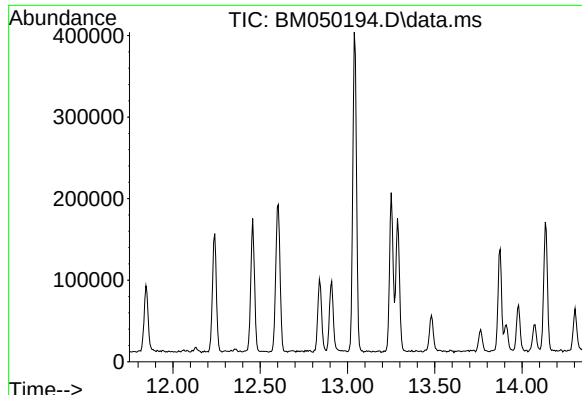
Sig Exp Ratio

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

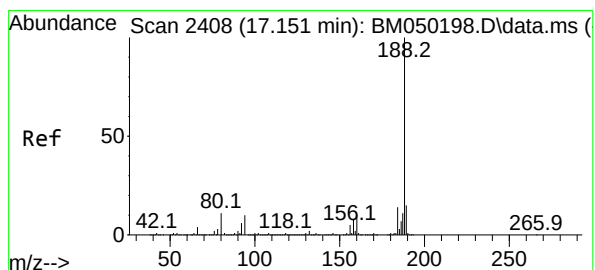
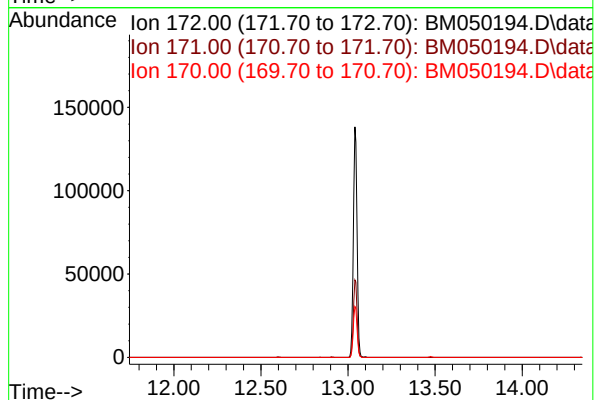
Tgt Ion: 172

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

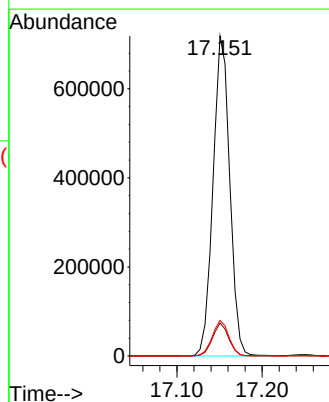
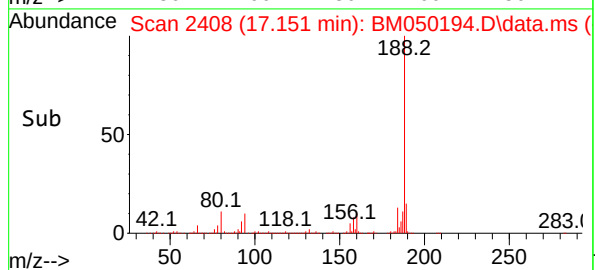
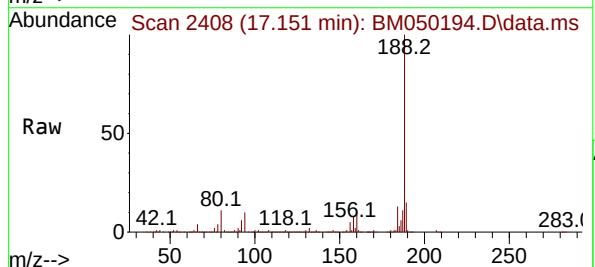
Tgt Ion:188 Resp: 982061

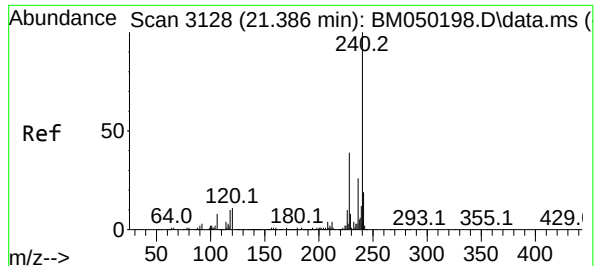
Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.1 8.6 13.0

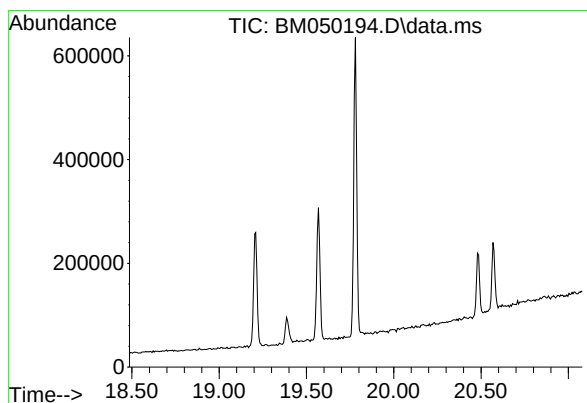
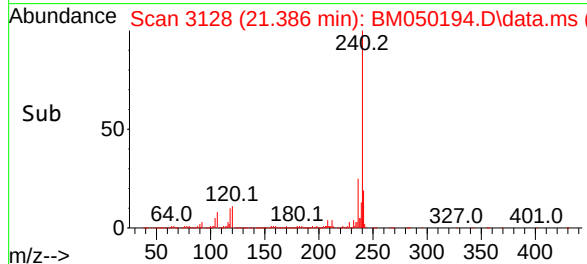
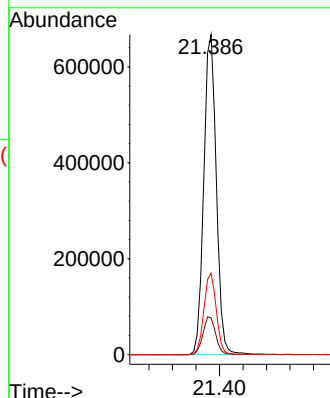
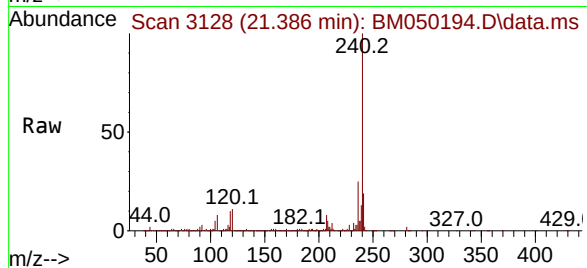




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM050194.D
Acq: 05 Jun 2025 09:20

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

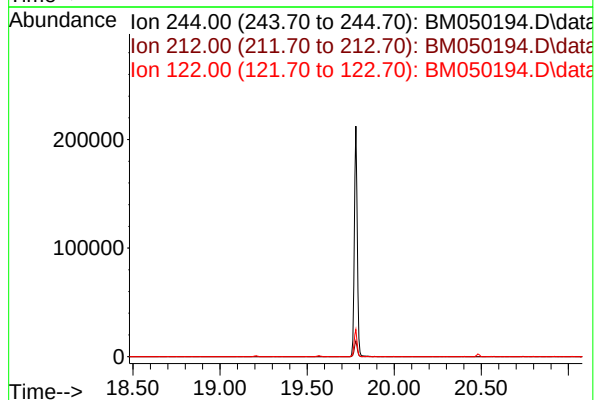
Tgt Ion:240 Resp: 992954
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 25.4 20.7 31.1

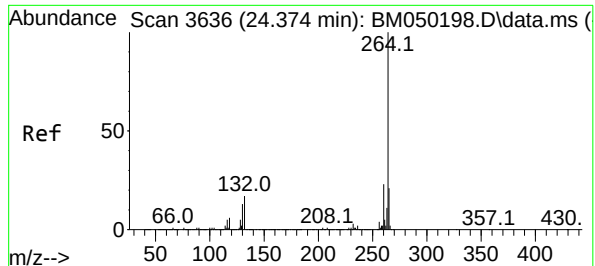


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

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

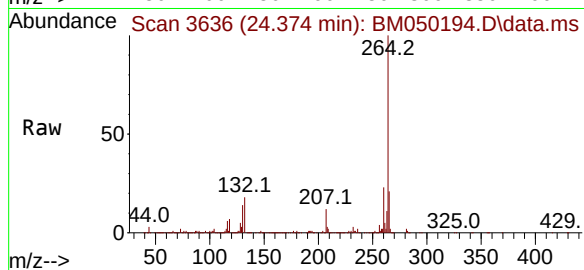
Acq: 05 Jun 2025 09:20

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



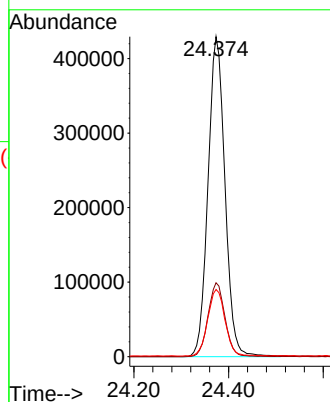
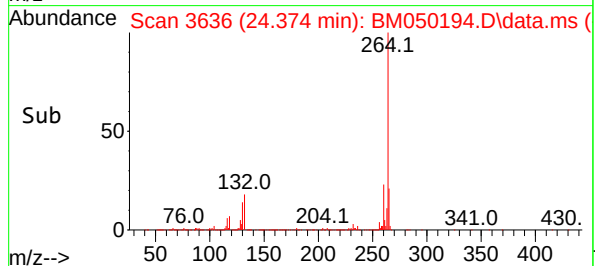
Tgt Ion:264 Resp: 1067519

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

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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

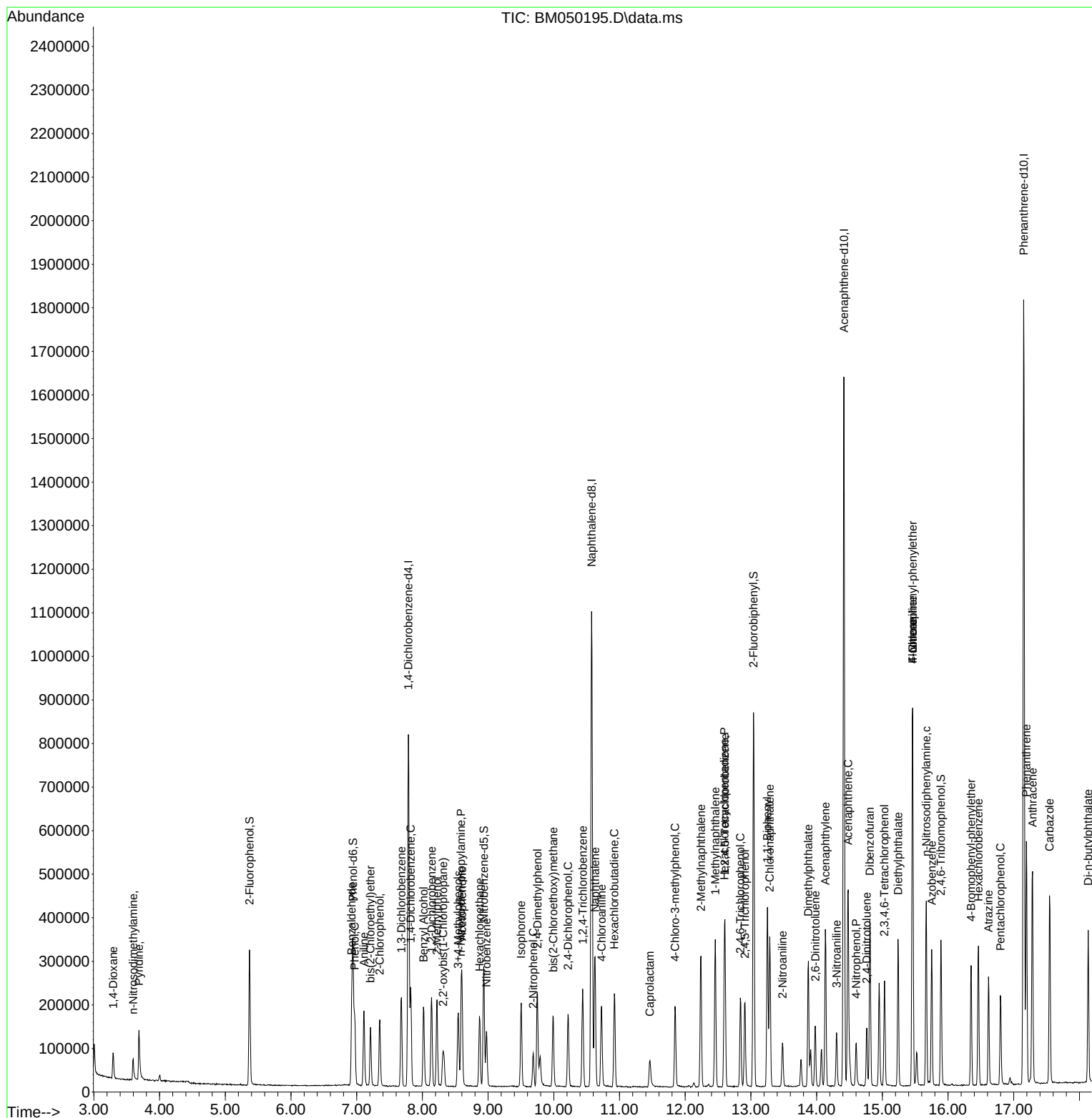
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.251	154	218302	5.282	ng	99
47) 2-Chloronaphthalene	13.286	162	168466	5.243	ng	96
48) 2-Nitroaniline	13.480	65	27545	3.895	ng	83
49) Acenaphthylene	14.133	152	257055	4.946	ng	99
50) Dimethylphthalate	13.875	163	184777	4.950	ng	99
51) 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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Supervised By :Jagrut Upadhyay 06/06/2025



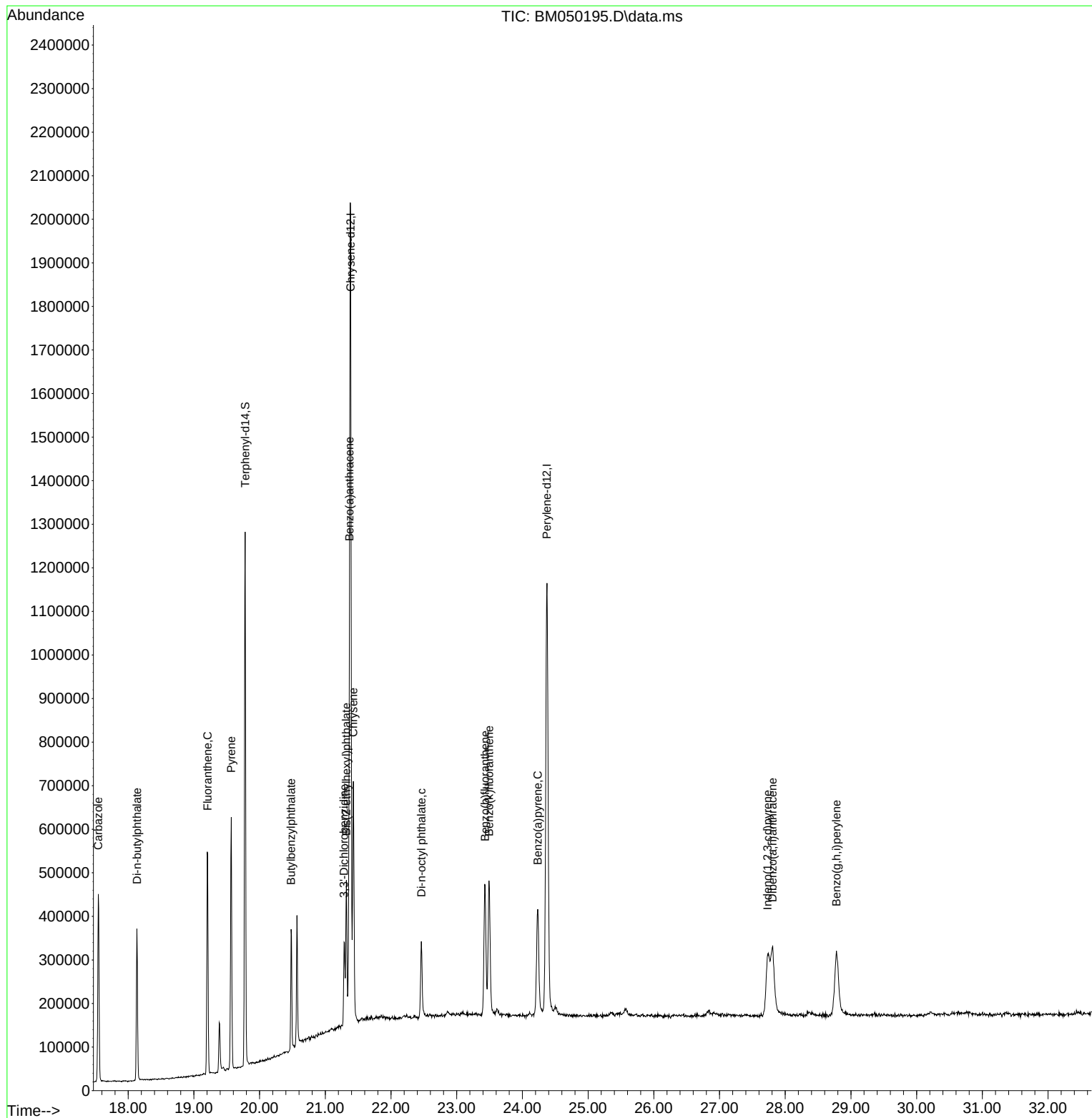
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Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDIC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

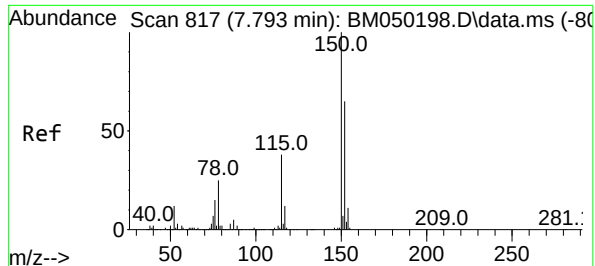
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BNA_M
ClientSampleId :
SSTDIC005

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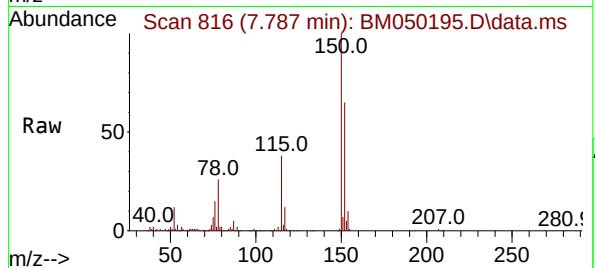
Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#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

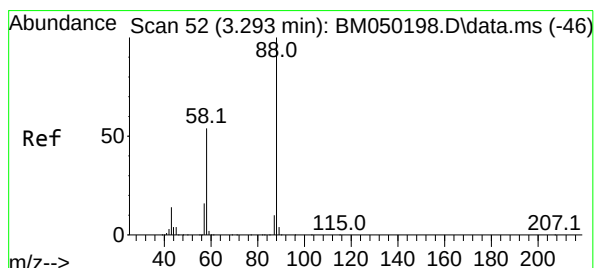
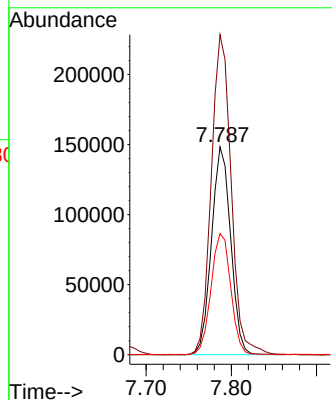
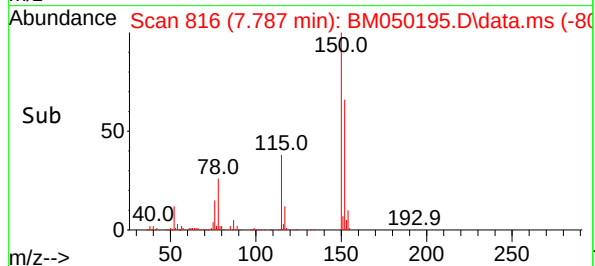
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

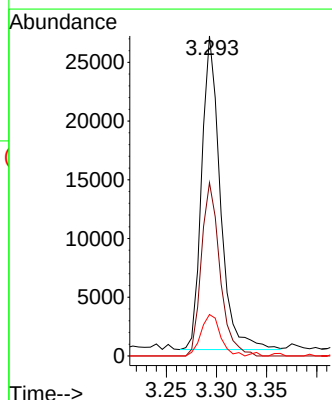
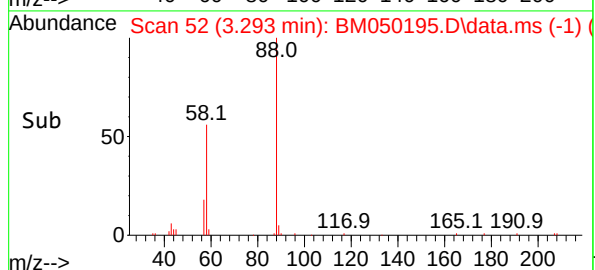
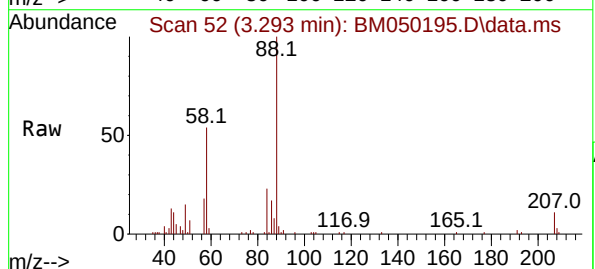
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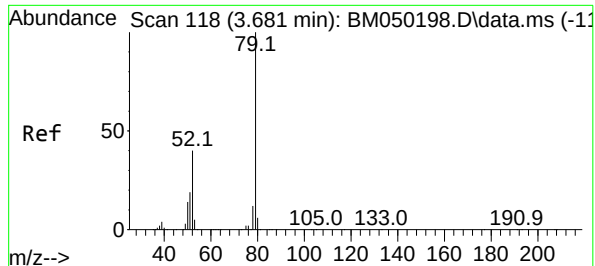
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

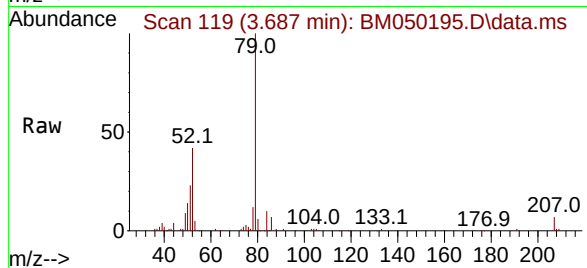
Tgt Ion: 88 Resp: 34616
Ion Ratio Lower Upper
88 100
58 55.0 42.9 64.3
43 13.7 11.0 16.6





#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

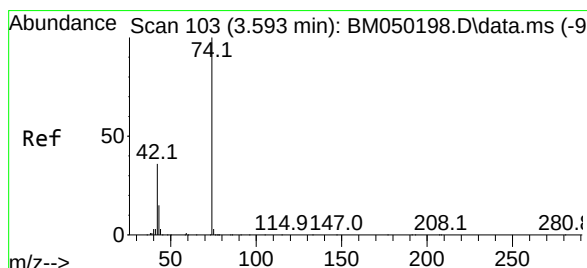
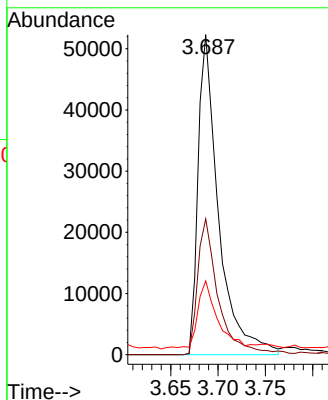
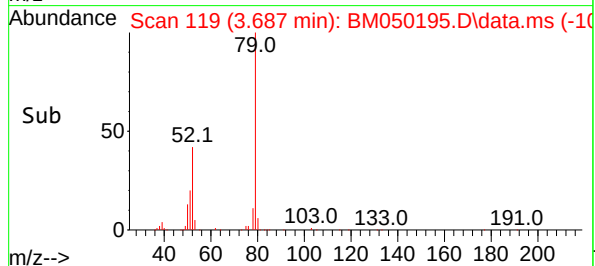
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

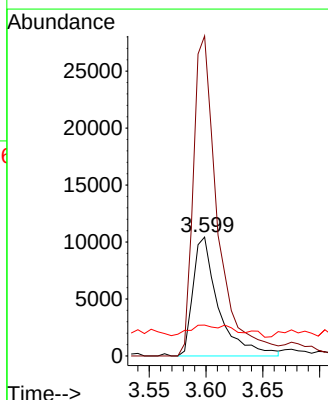
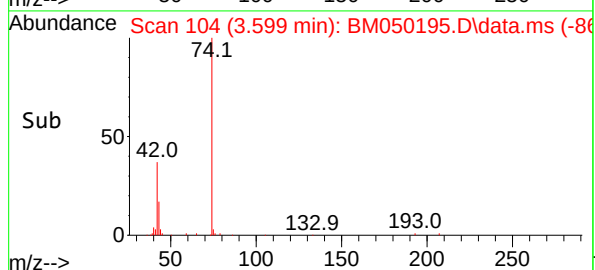
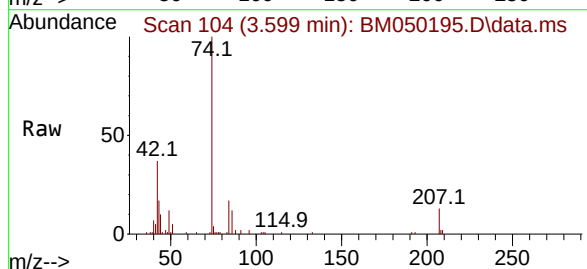
Manual Integrations
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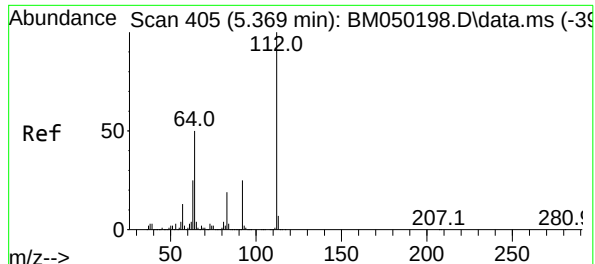
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

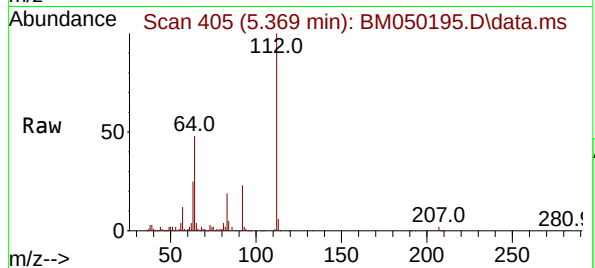
Tgt Ion: 42 Resp: 16377
Ion Ratio Lower Upper
42 100
74 269.3 222.0 333.0
44 25.9 7.0 10.6





#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

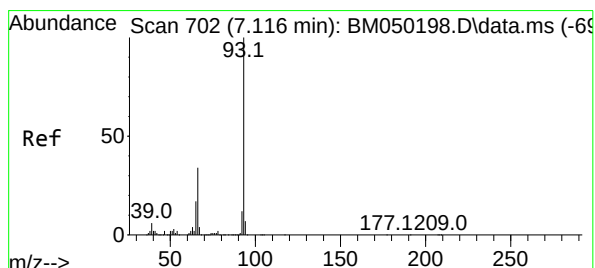
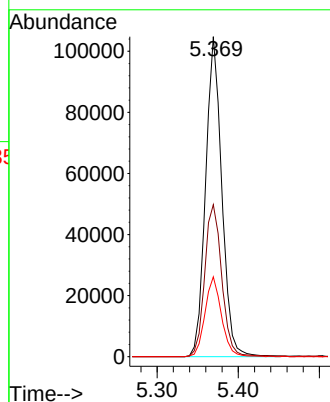
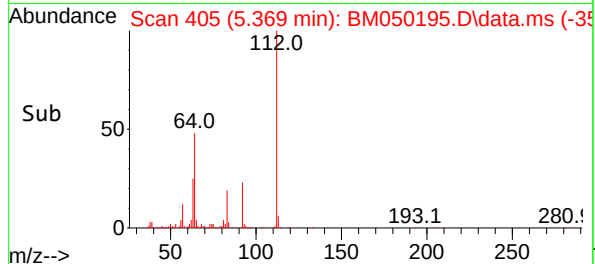
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 112 Resp: 145079
Ion Ratio Lower Upper
112 100
64 47.5 39.8 59.6
63 25.0 19.8 29.8

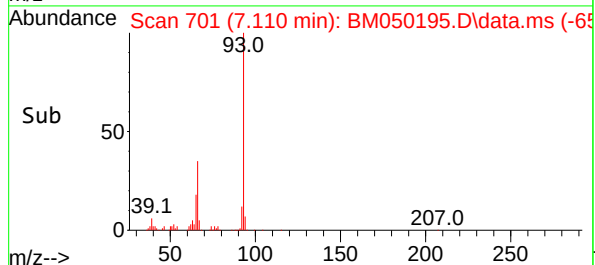
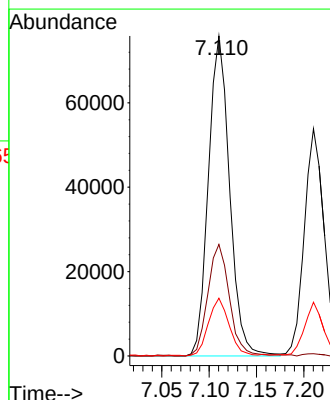
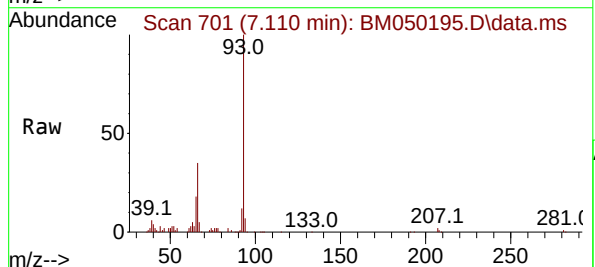
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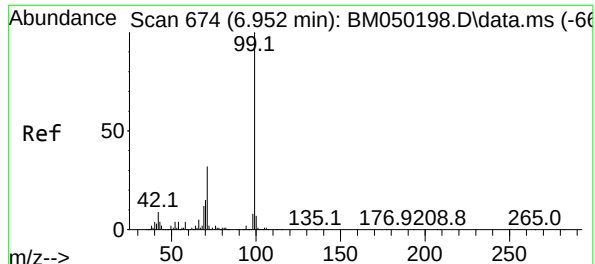
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





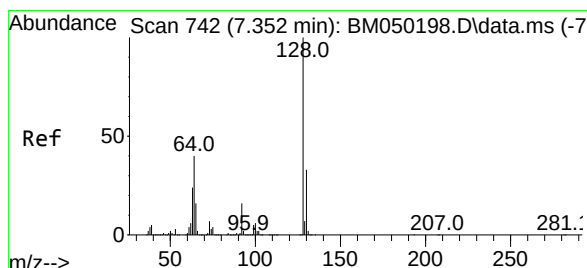
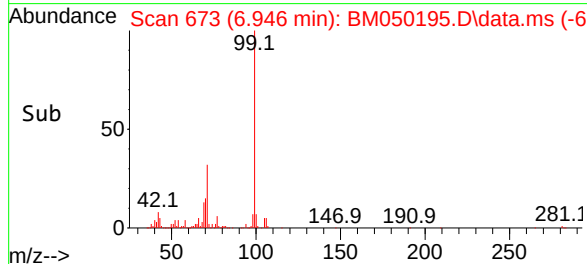
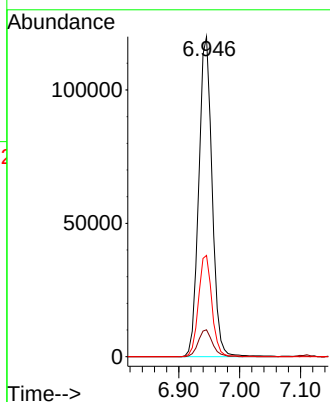
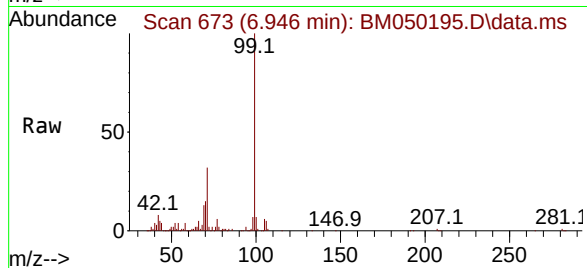
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Phenol-d6
Concen: 9.943 ng
RT: 6.946 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

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

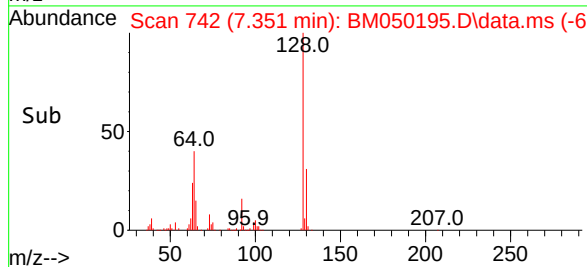
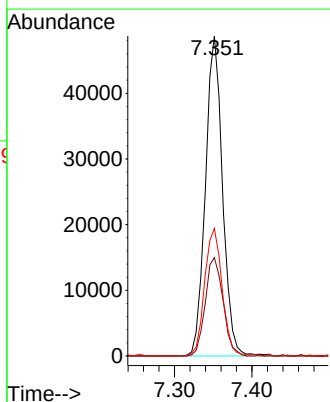
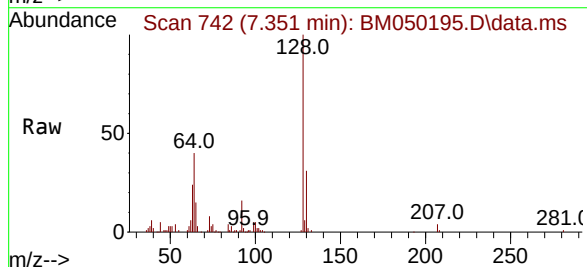
Manual Integrations
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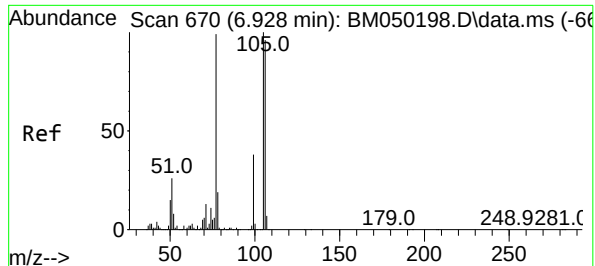
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





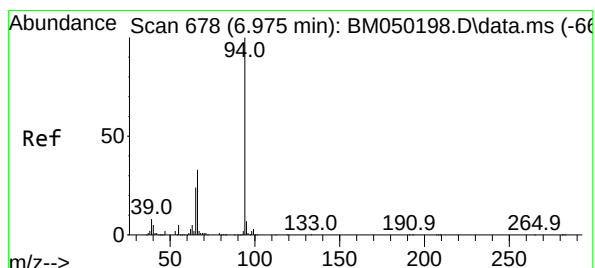
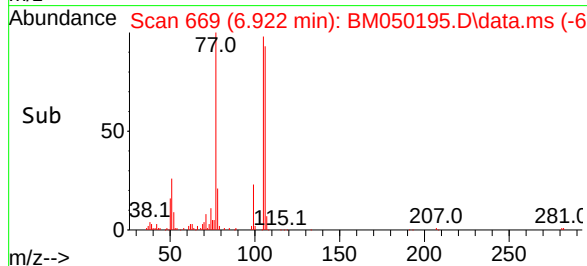
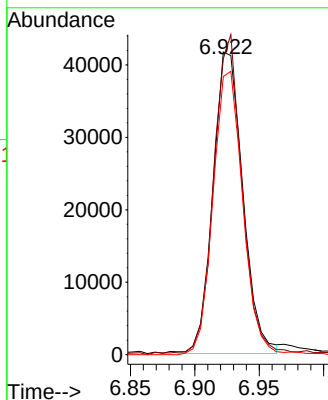
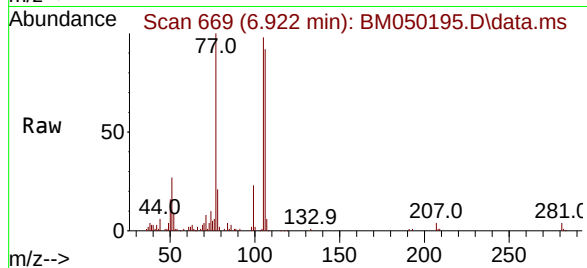
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Benzaldehyde
Concen: 5.771 ng m
RT: 6.922 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

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

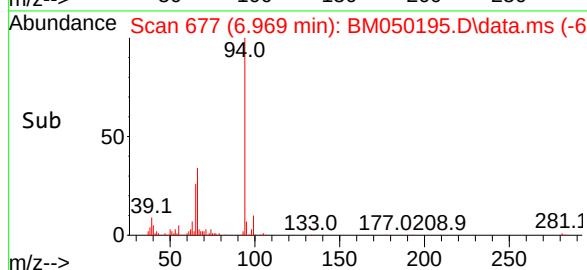
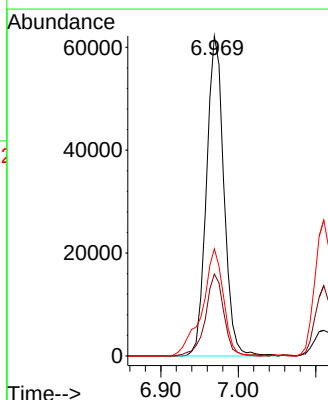
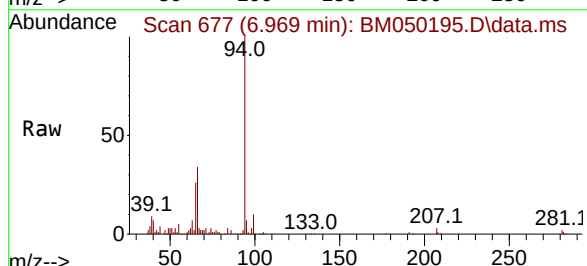
Manual Integrations
APPROVED

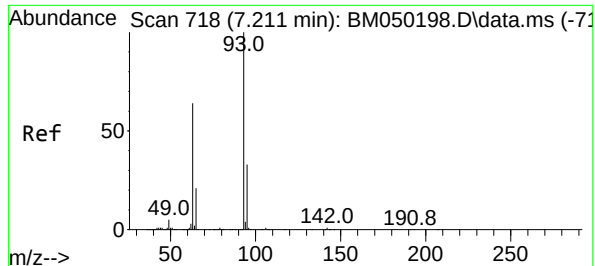
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





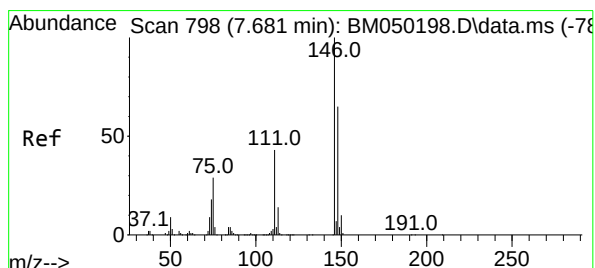
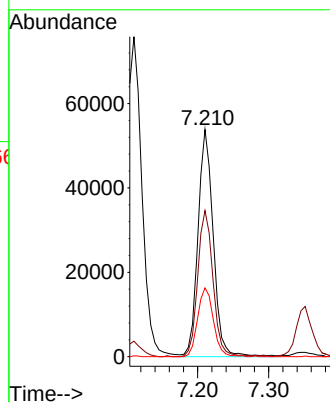
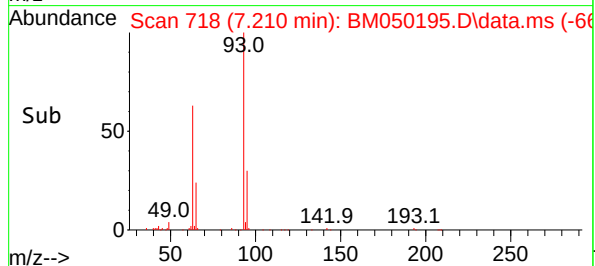
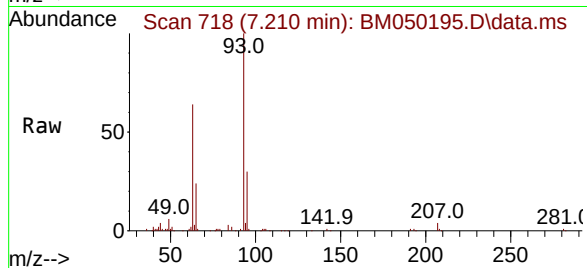
#11
bis(2-Chloroethyl)ether
Concen: 5.198 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

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

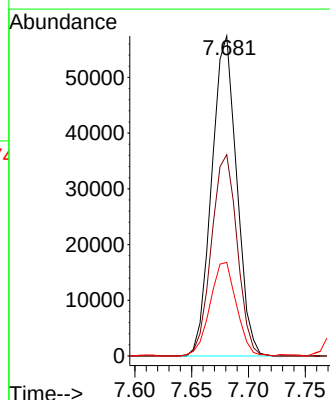
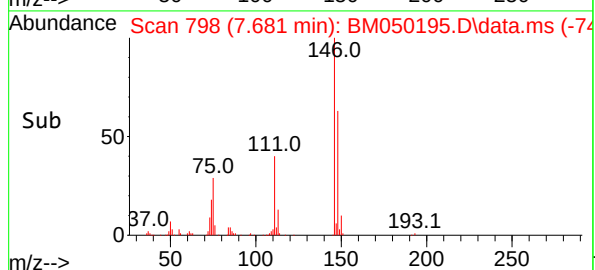
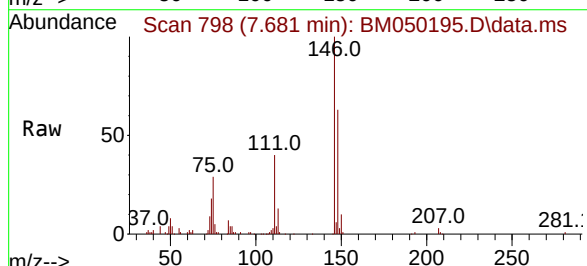
Manual Integrations
APPROVED

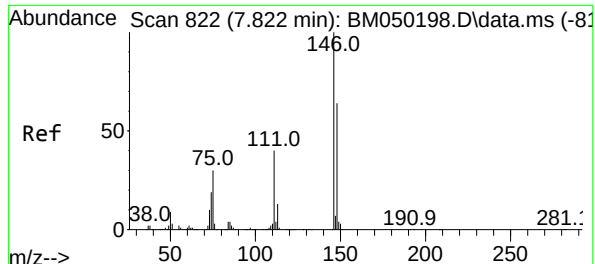
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

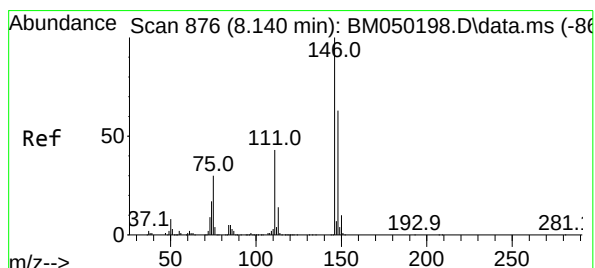
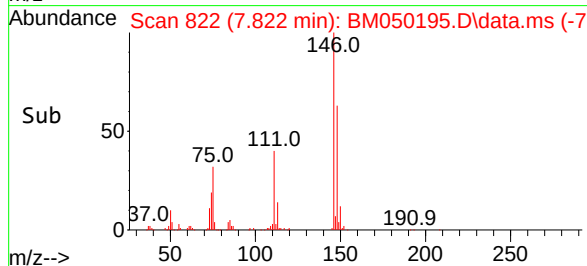
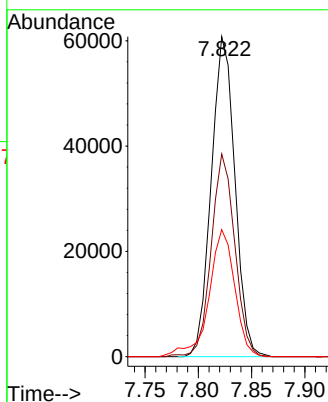
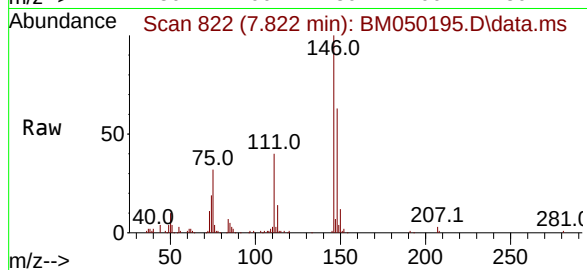
111 39.7 32.3 48.5

Manual Integrations

APPROVED

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

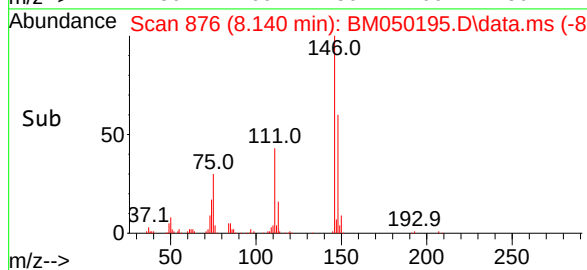
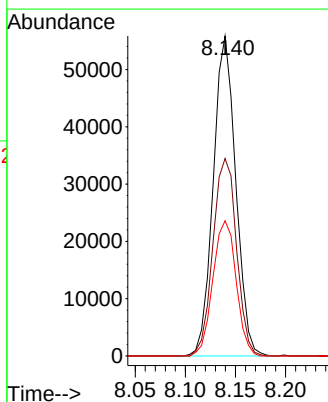
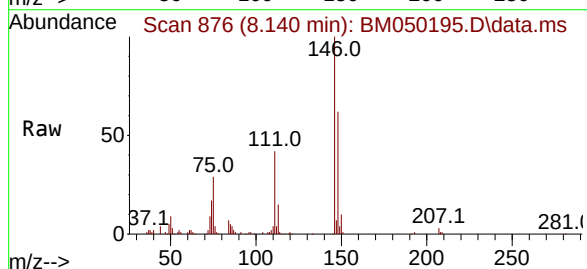
Tgt Ion:146 Resp: 87131

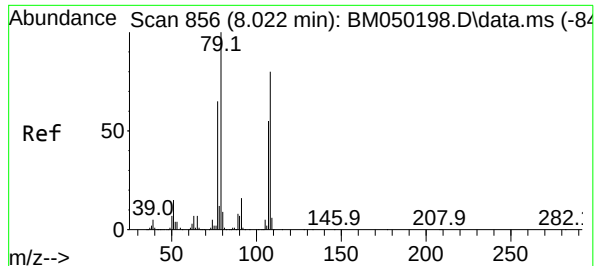
Ion Ratio Lower Upper

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# 855

Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

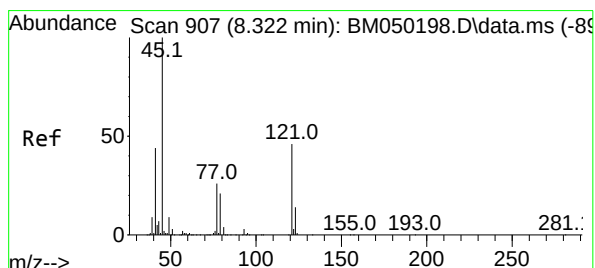
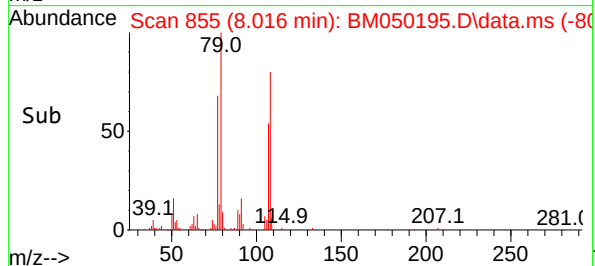
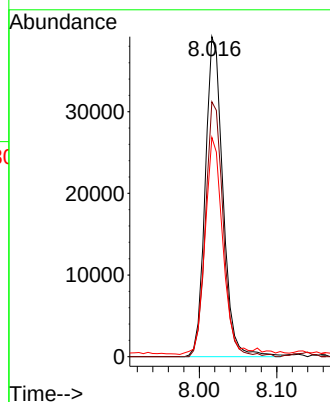
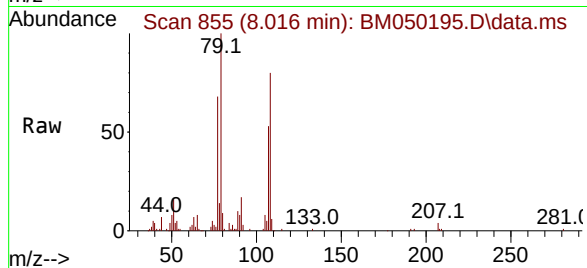
Tgt Ion:	79	Resp:	6217
Ion	Ratio	Lower	Upper
79	100		
108	79.7	64.0	96.0
77	68.5	52.2	78.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.423 ng

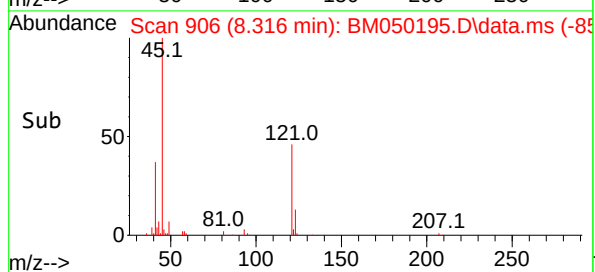
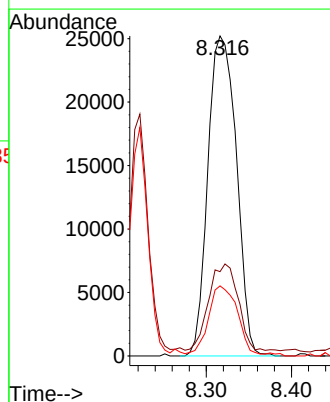
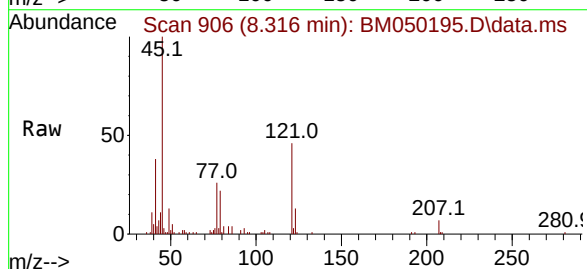
RT: 8.316 min Scan# 906

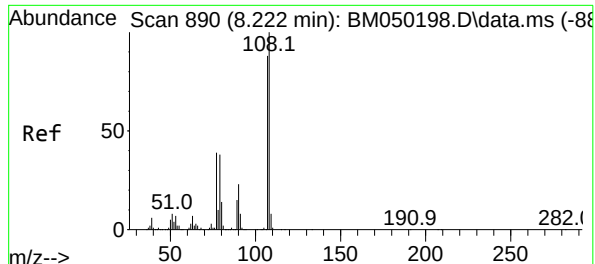
Delta R.T. -0.006 min

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

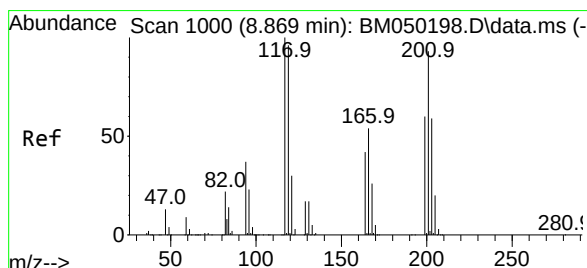
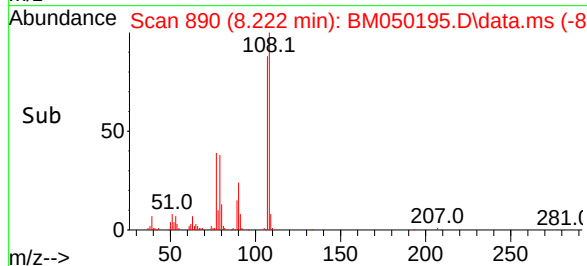
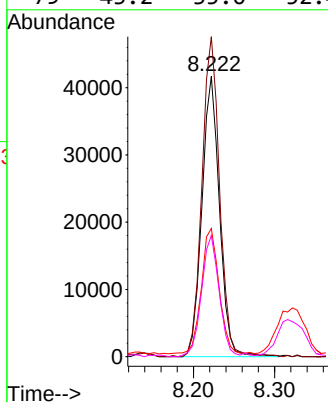
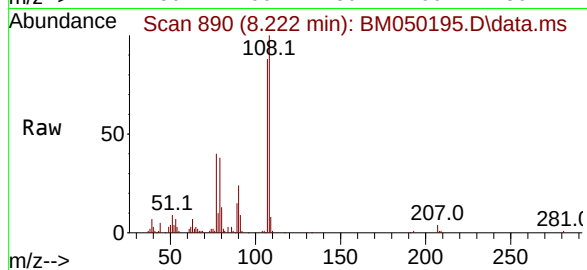
79 43.2 35.0 52.4

Manual Integrations

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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

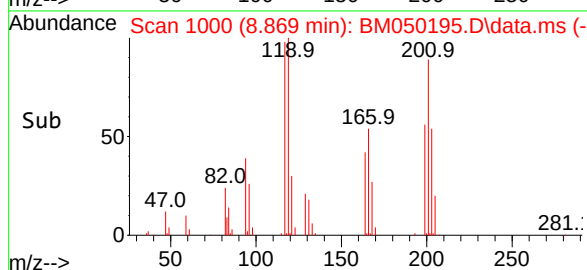
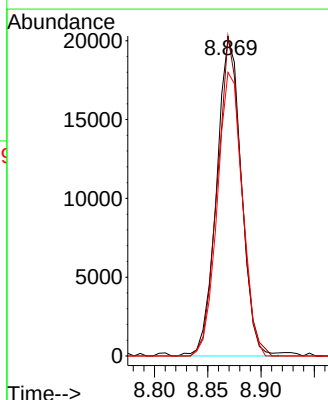
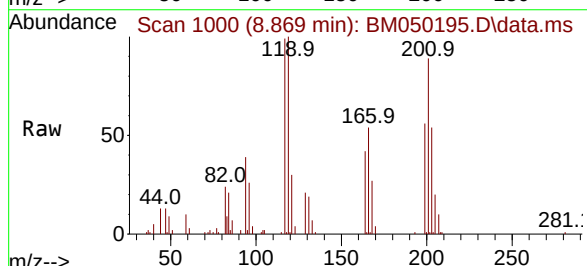
Tgt Ion:117 Resp: 32689

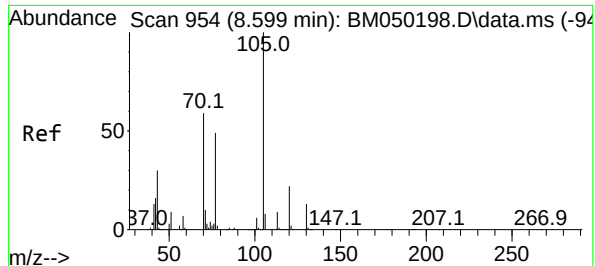
Ion Ratio Lower Upper

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

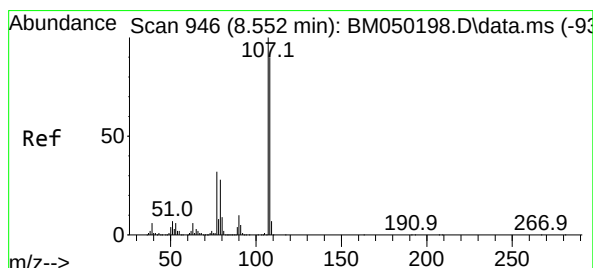
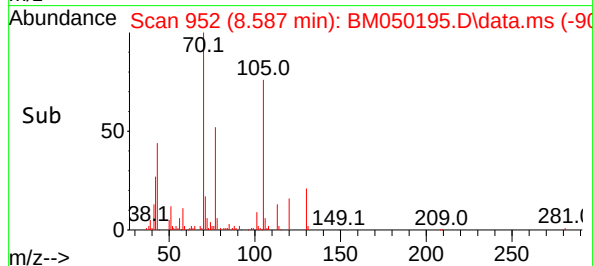
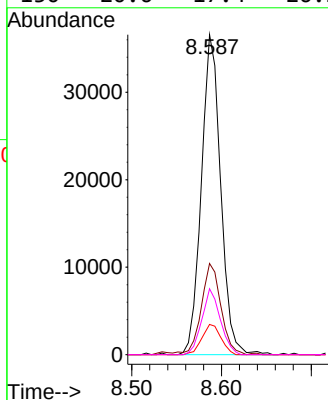
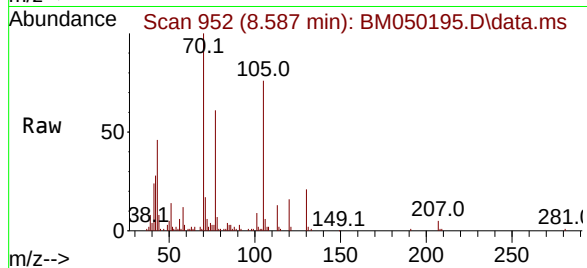
130 20.6 17.4 26.2

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

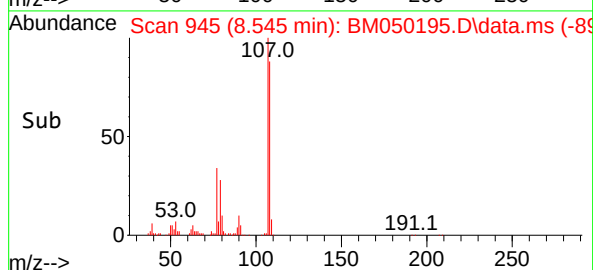
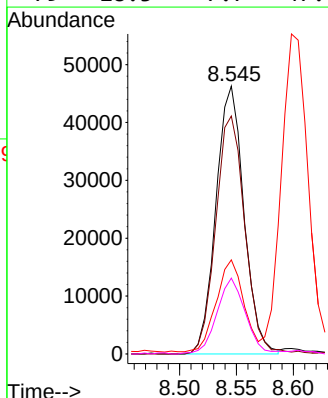
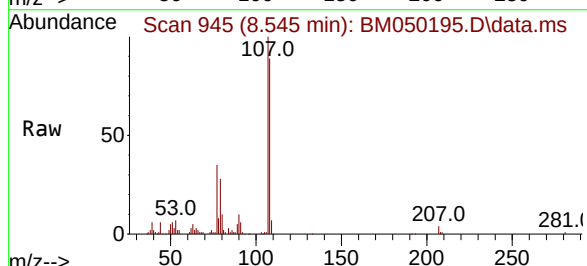
Ion Ratio Lower Upper

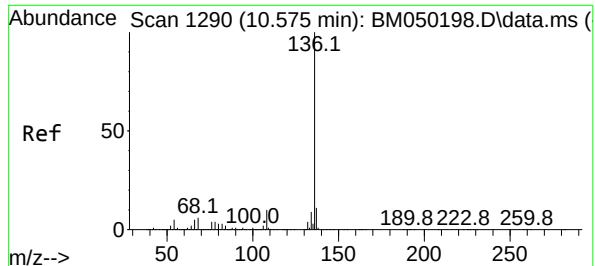
107 100

108 88.8 70.4 110.4

77 35.1 12.2 52.2

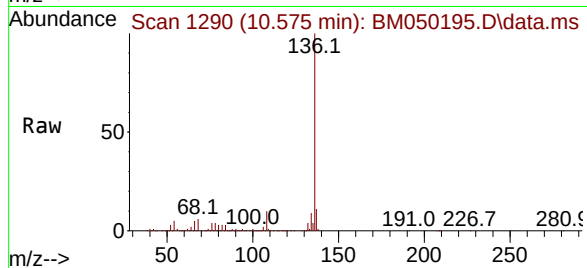
79 28.3 7.7 47.7





#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

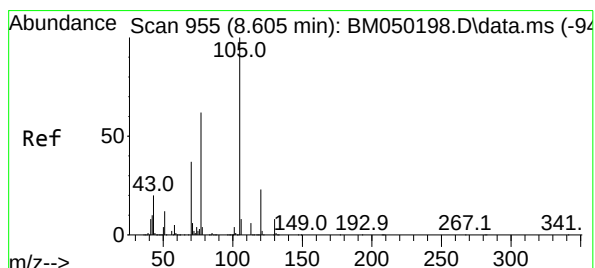
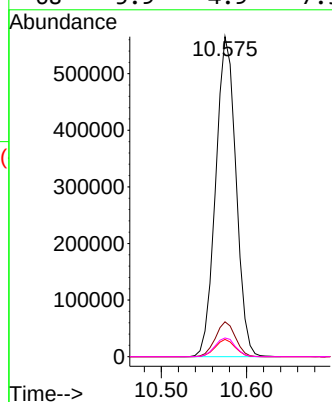
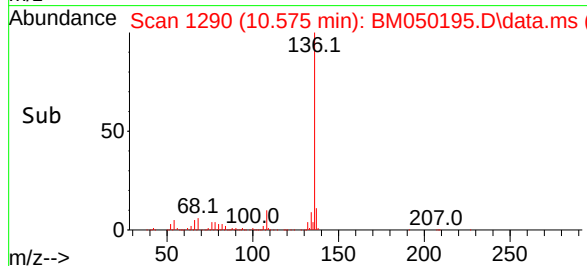
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

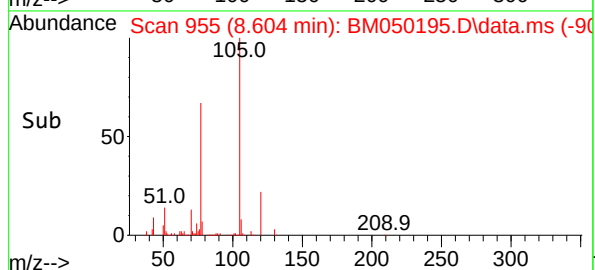
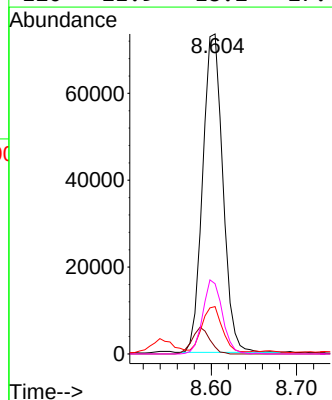
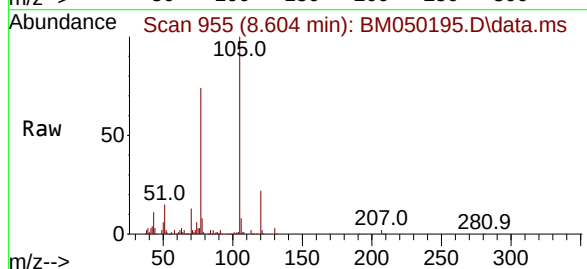
Manual Integrations
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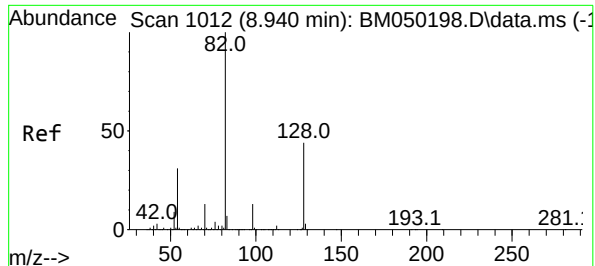
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

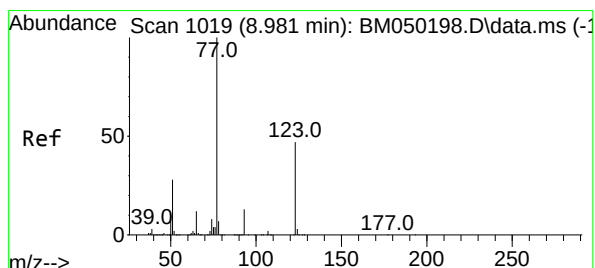
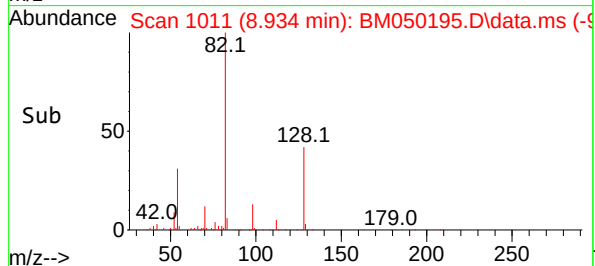
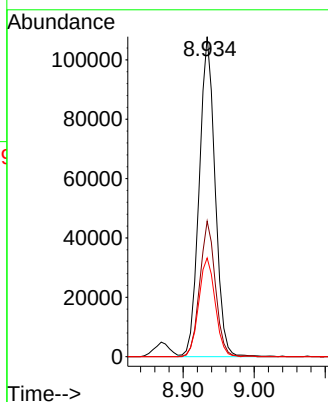
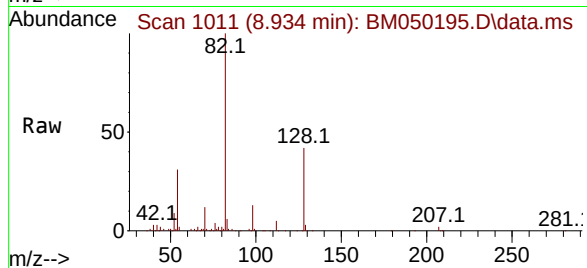
54 30.8 24.5 36.7

Manual Integrations

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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

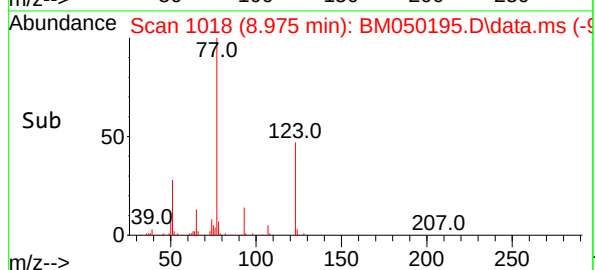
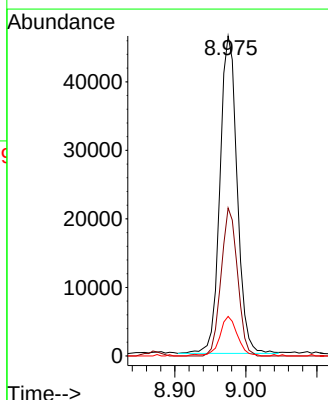
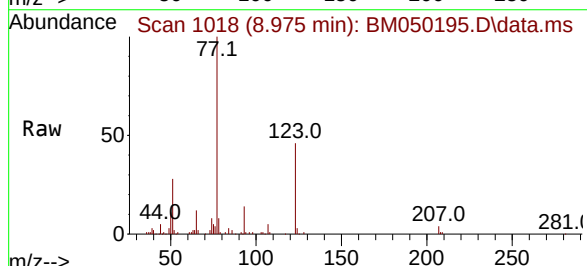
Tgt Ion: 77 Resp: 77828

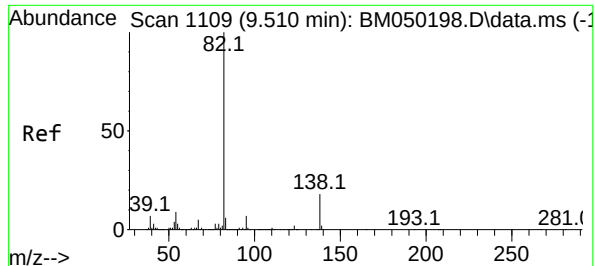
Ion Ratio Lower Upper

77 100

123 46.3 38.2 57.2

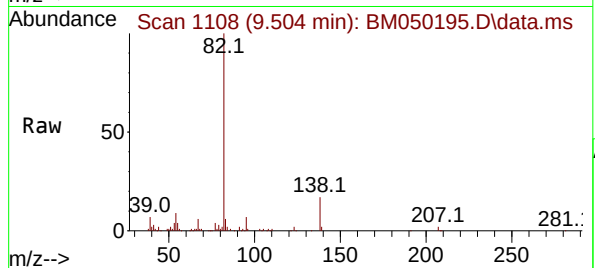
65 12.3 9.5 14.3





#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

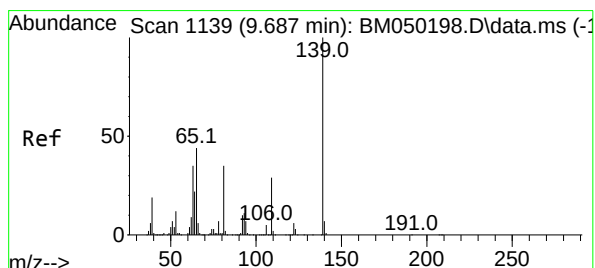
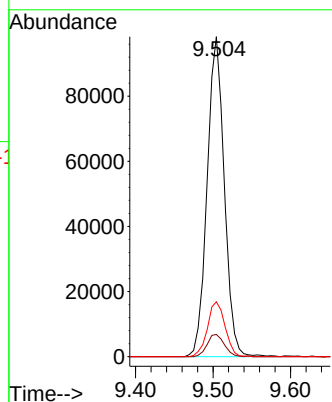
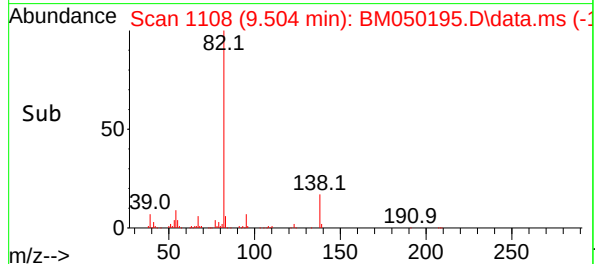
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

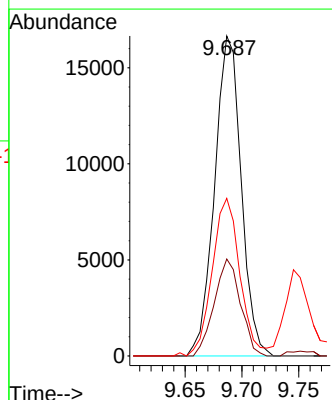
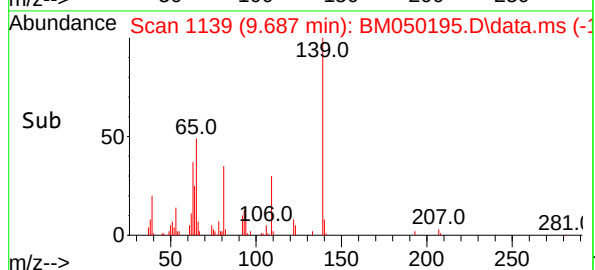
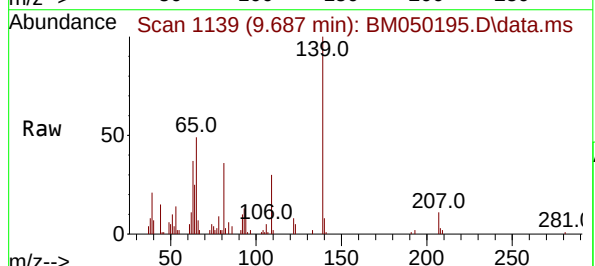
Manual Integrations
APPROVED

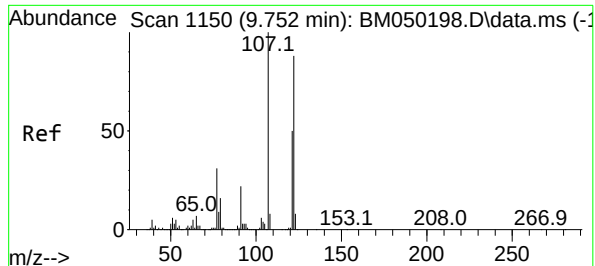
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

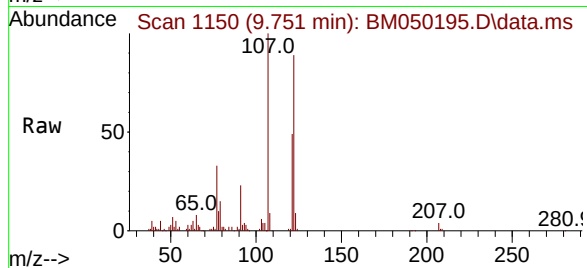
Acq: 05 Jun 2025 09:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:122 Resp: 72768

Ion Ratio Lower Upper

122 100

107 112.9 91.0 136.6

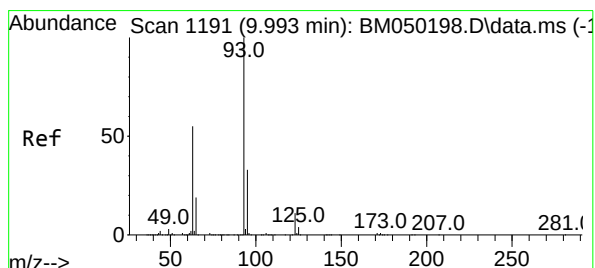
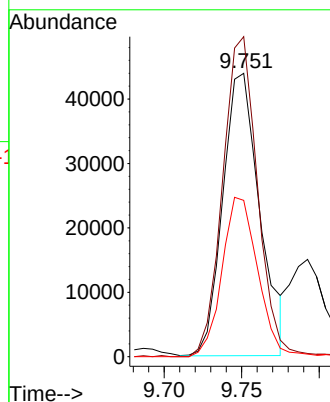
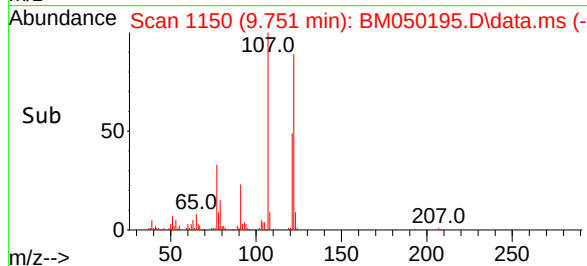
121 55.1 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

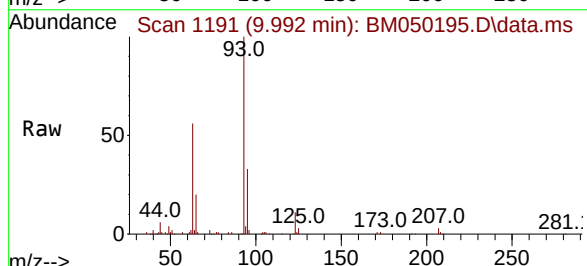
Concen: 4.915 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59



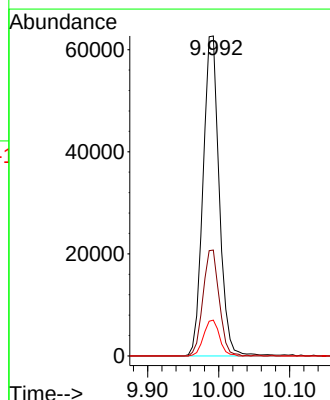
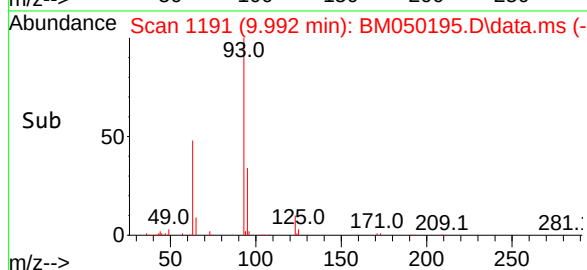
Tgt Ion: 93 Resp: 99703

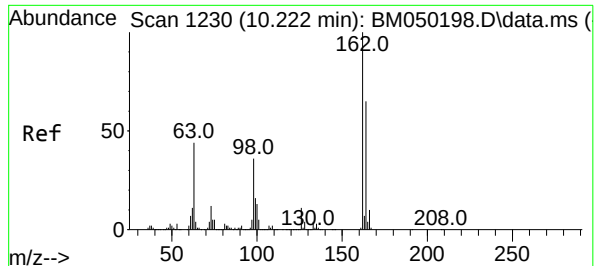
Ion Ratio Lower Upper

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

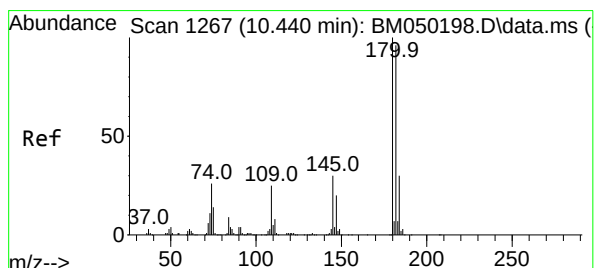
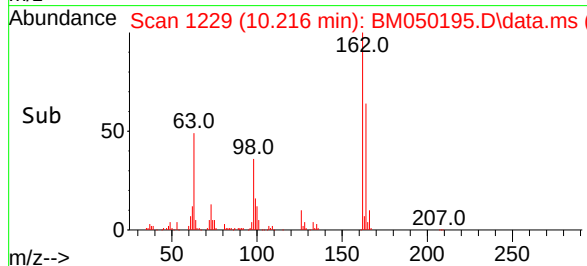
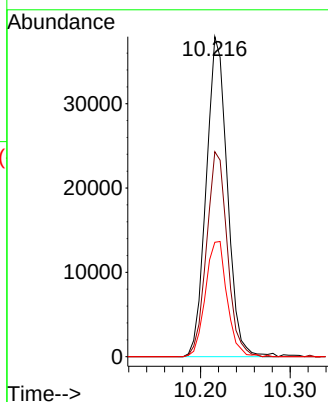
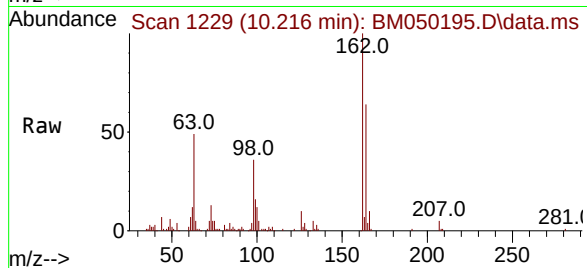
98 35.7 16.3 56.3

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

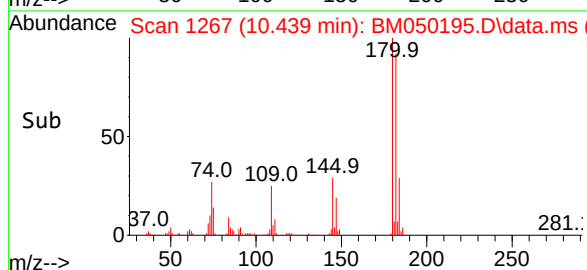
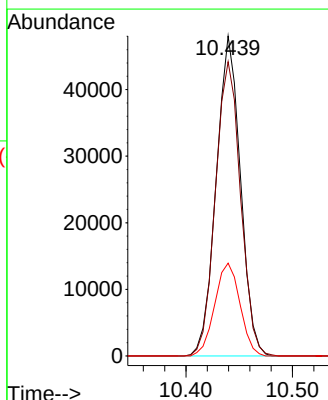
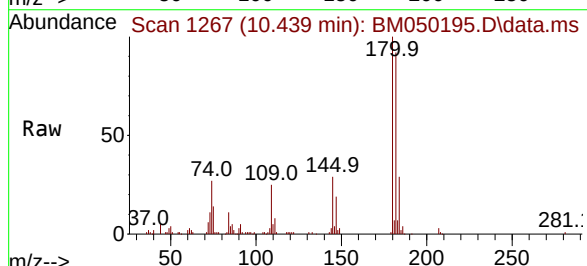
Tgt Ion:180 Resp: 75854

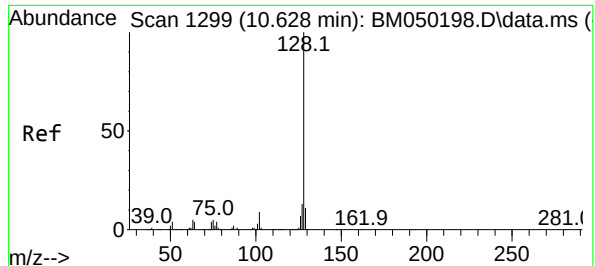
Ion Ratio Lower Upper

180 100

182 91.9 76.6 114.8

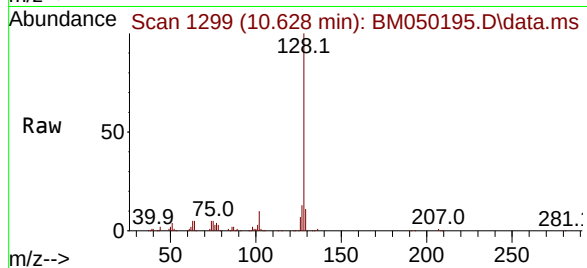
145 29.0 24.2 36.4





#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

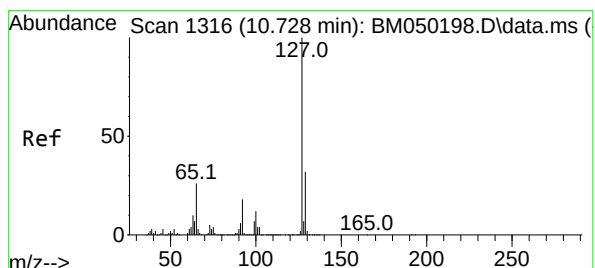
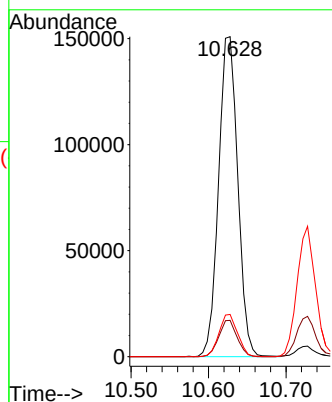
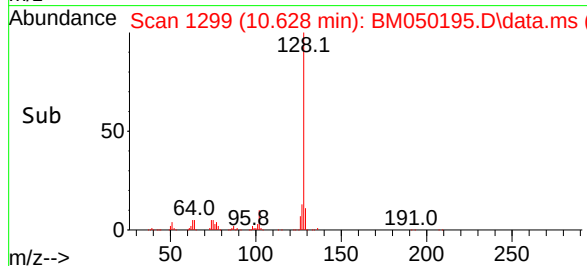
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

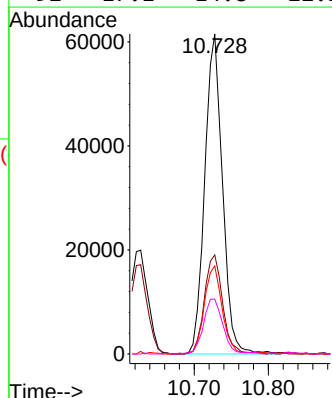
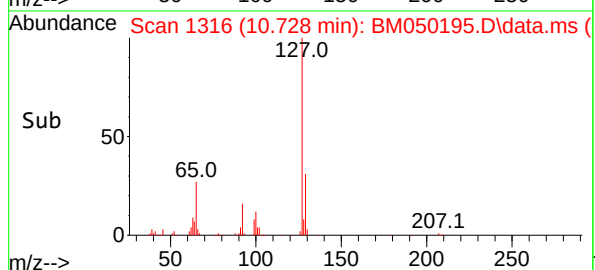
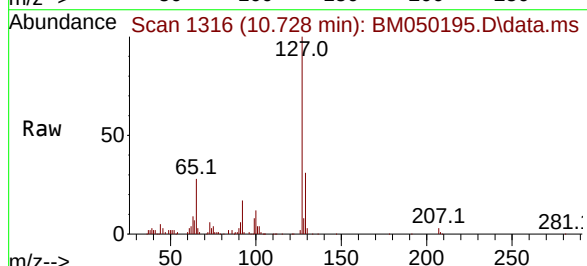
Manual Integrations
APPROVED

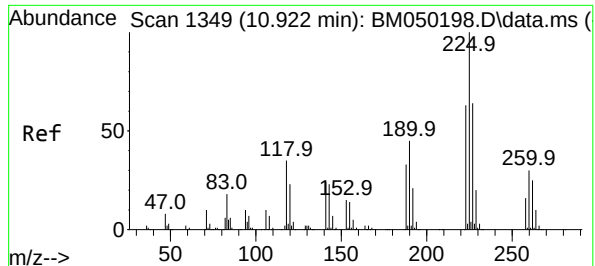
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

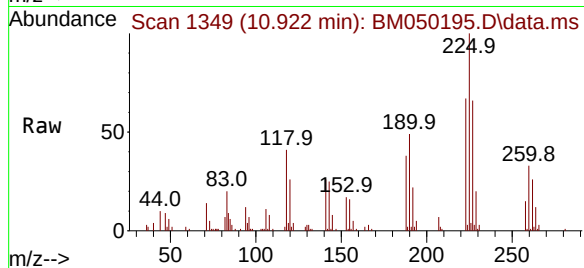
Tgt Ion:127 Resp: 102387
Ion Ratio Lower Upper
127 100
129 31.0 25.4 38.0
65 27.5 21.0 31.4
92 17.1 14.8 22.2





#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

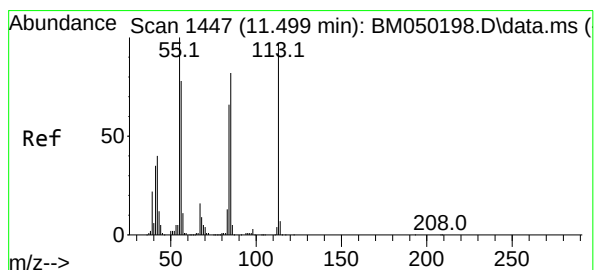
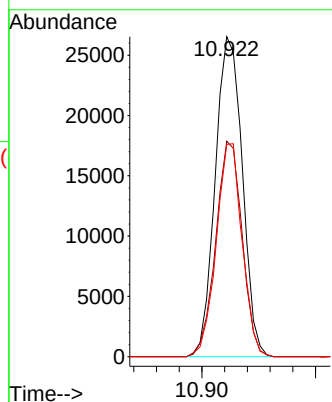
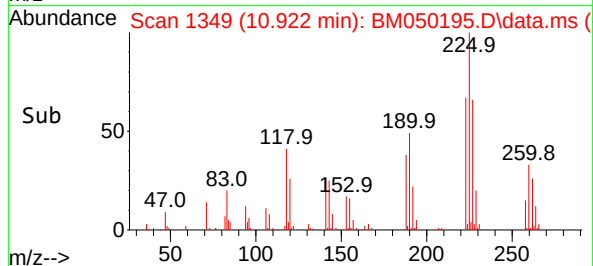
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

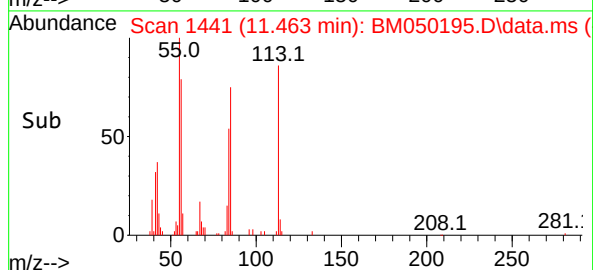
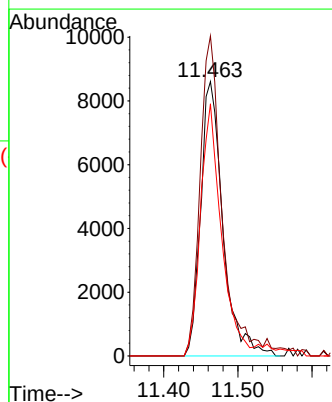
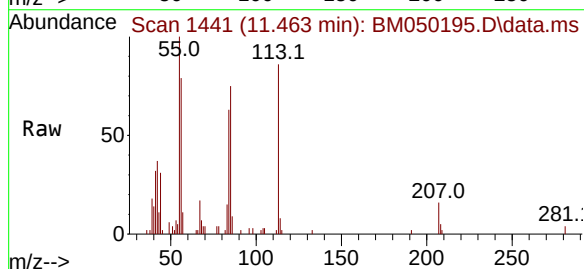
Manual Integrations
APPROVED

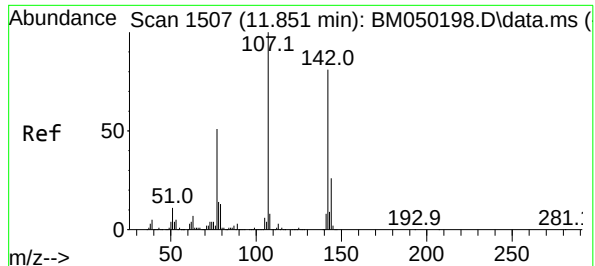
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

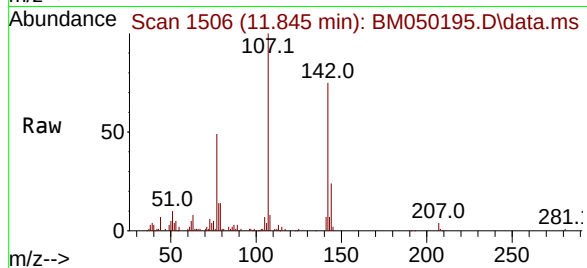
Tgt Ion:113 Resp: 17903
Ion Ratio Lower Upper
113 100
55 116.6 83.5 123.5
56 91.9 60.6 100.6





#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

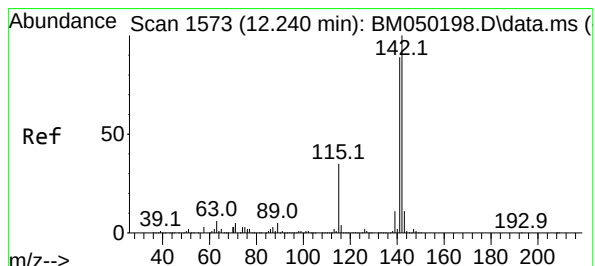
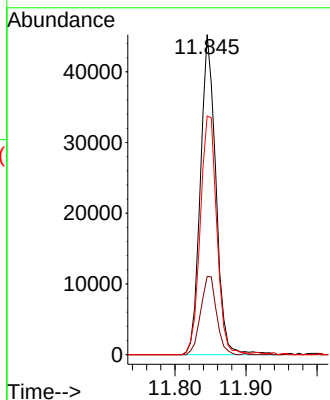
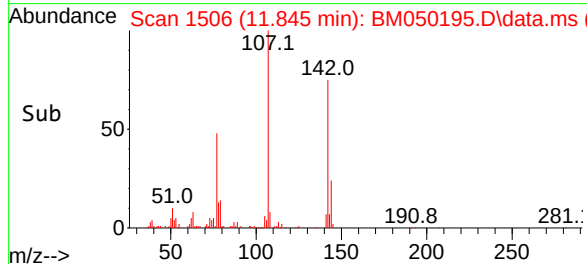
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



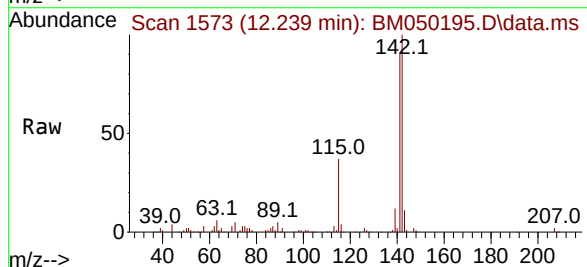
Tgt Ion:107 Resp: 68614
Ion Ratio Lower Upper
107 100
144 24.4 21.0 31.6
142 74.6 64.8 97.2

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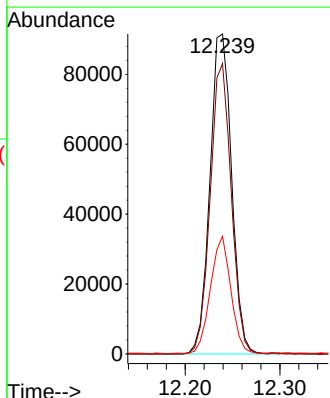
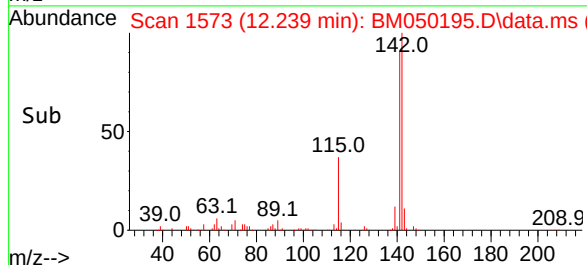
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

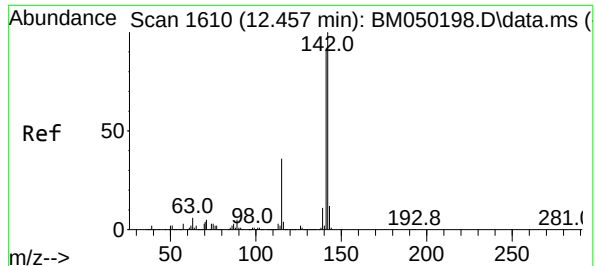


#37
2-Methylnaphthalene
Concen: 5.008 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



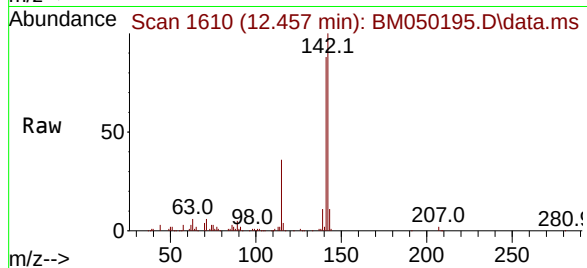
Tgt Ion:142 Resp: 146149
Ion Ratio Lower Upper
142 100
141 90.8 71.5 107.3
115 36.8 27.8 41.8





#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

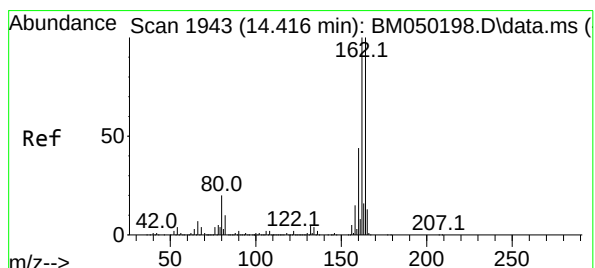
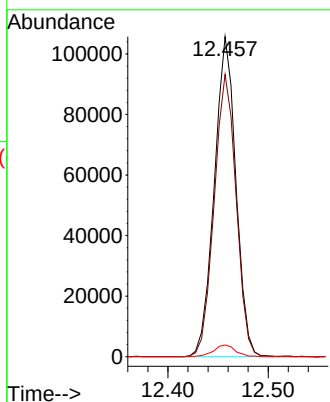
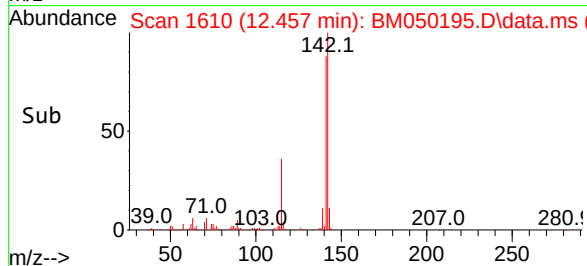
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

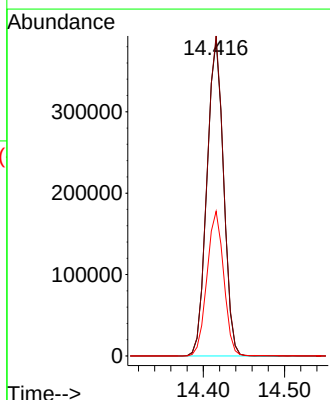
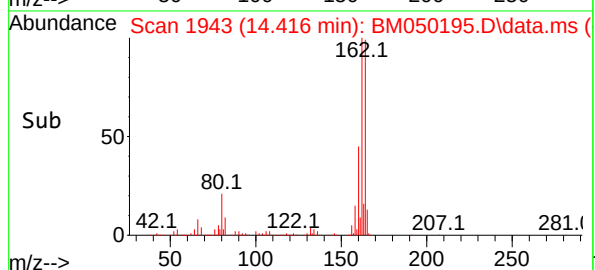
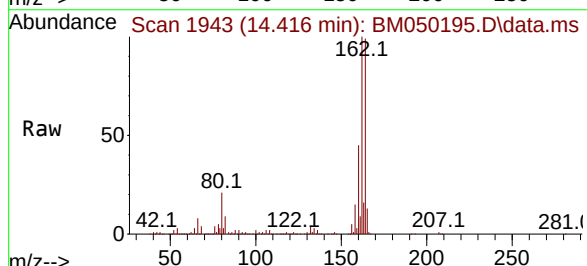
Manual Integrations
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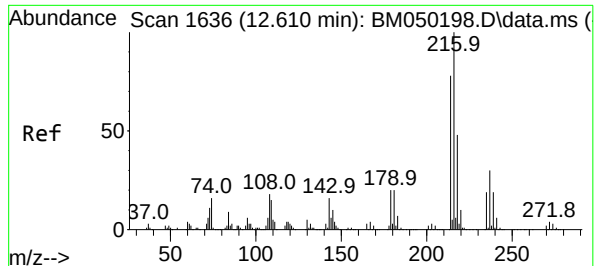
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

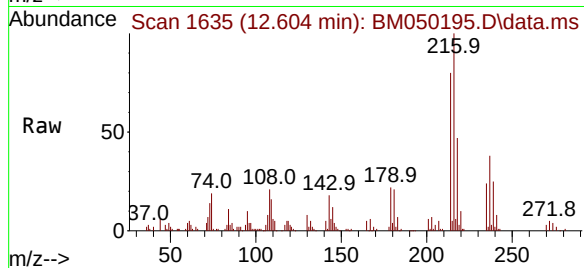
Tgt Ion:164 Resp: 551980
Ion Ratio Lower Upper
164 100
162 101.5 80.2 120.4
160 45.9 35.7 53.5





#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

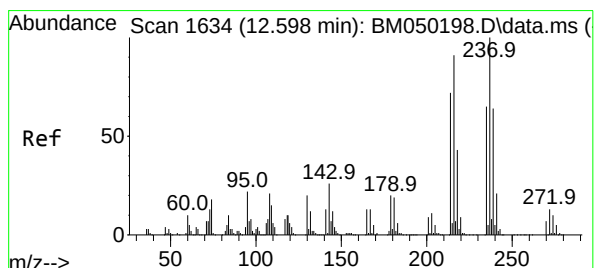
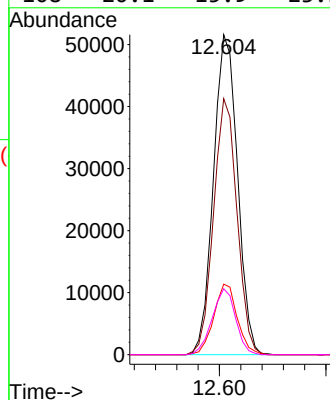
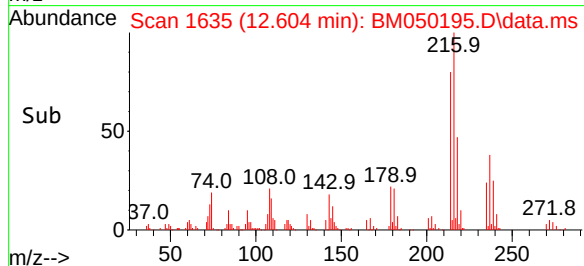
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



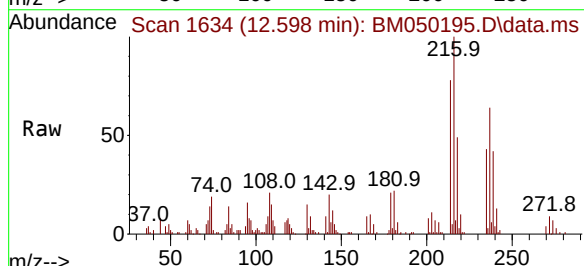
Tgt Ion:216 Resp: 80884
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 21.5 16.6 25.0
108 20.1 15.9 23.9

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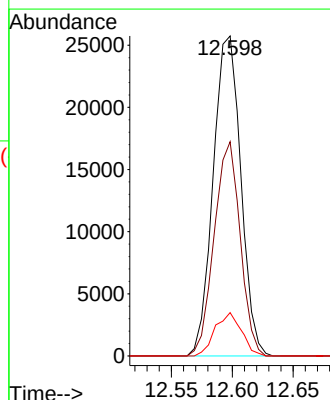
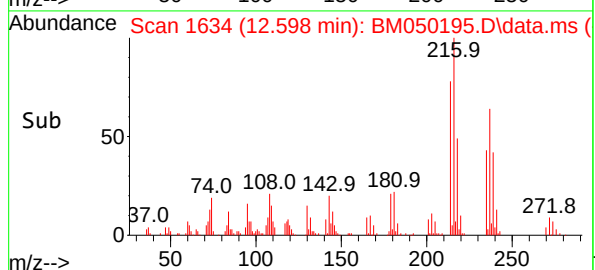
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

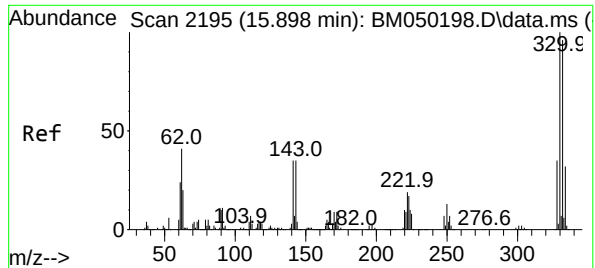


#41
Hexachlorocyclopentadiene
Concen: 4.202 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



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 :

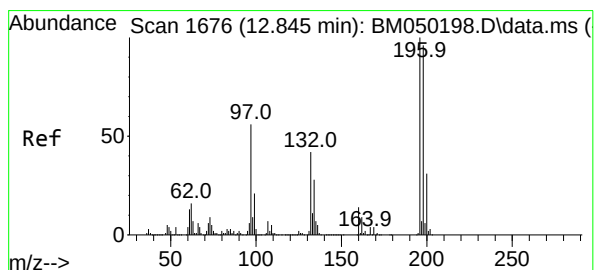
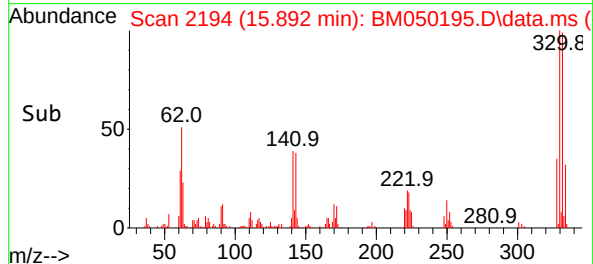
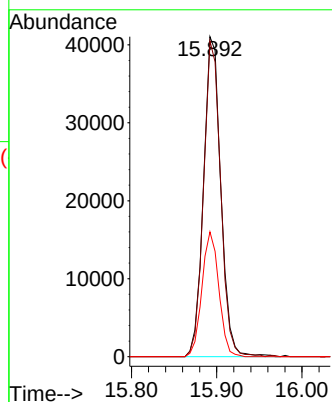
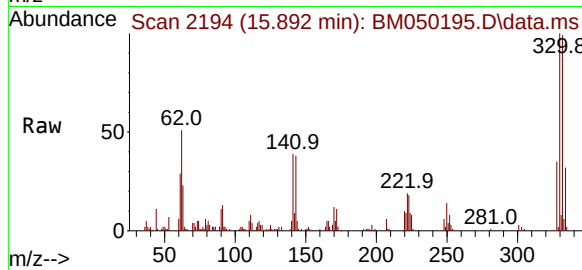
SSTDICC005

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

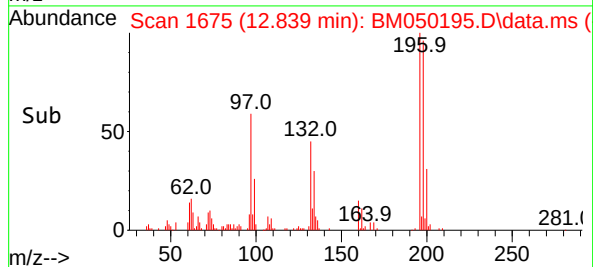
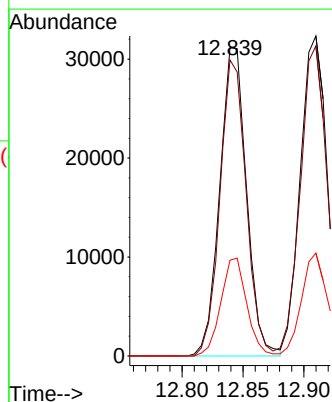
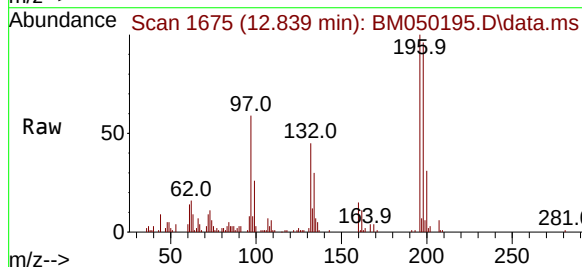
APPROVED

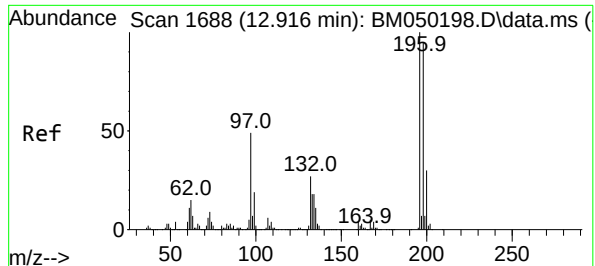
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

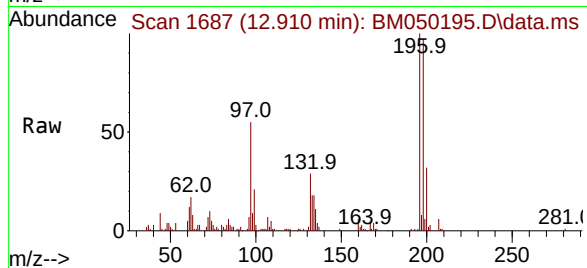
Tgt Ion:196 Resp: 47806
Ion Ratio Lower Upper
196 100
198 96.0 76.6 115.0
200 31.1 24.5 36.7





#44
2,4,5-Trichlorophenol
Concen: 4.449 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

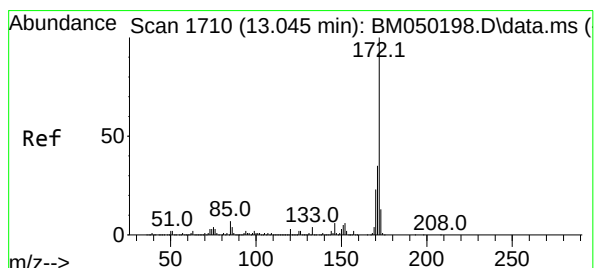
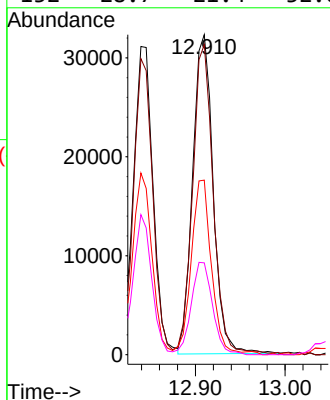
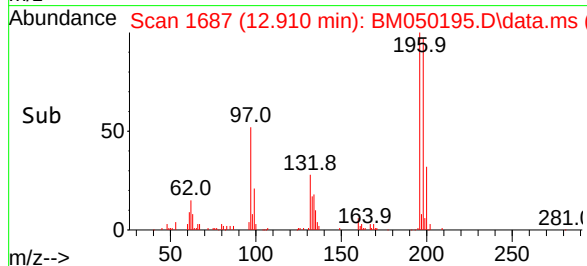
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



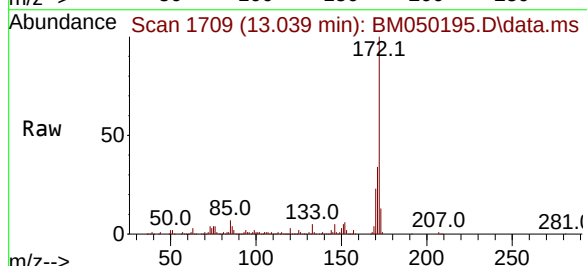
Tgt Ion:196 Resp: 51190
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
97 54.5 39.3 58.9
132 28.7 21.4 32.0

Manual Integrations
APPROVED

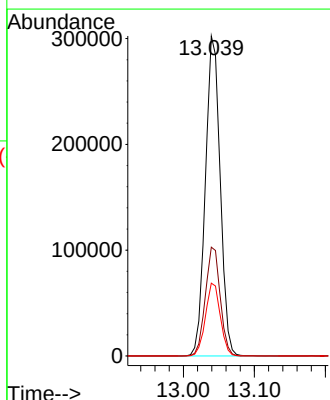
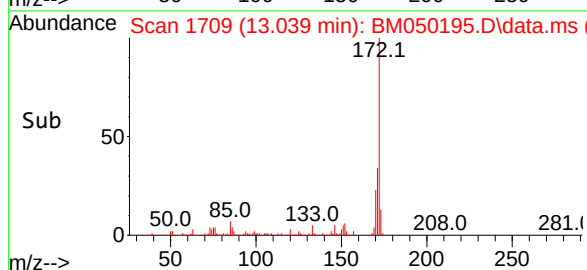
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

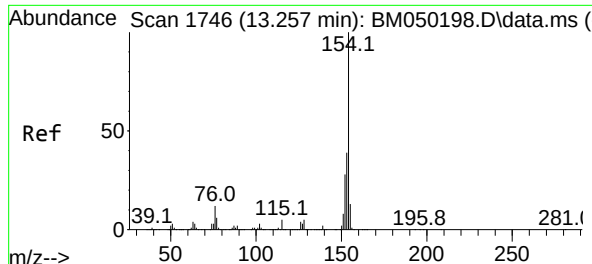


#45
2-Fluorobiphenyl
Concen: 10.753 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



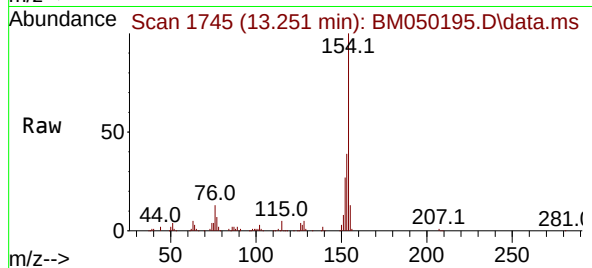
Tgt Ion:172 Resp: 438411
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 22.8 18.6 27.8





#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

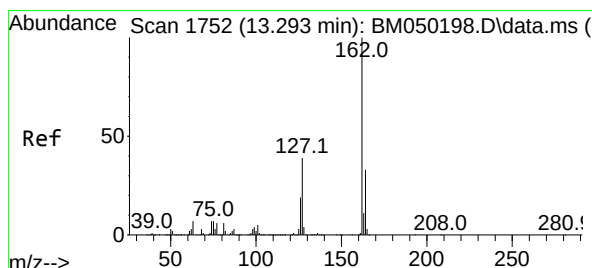
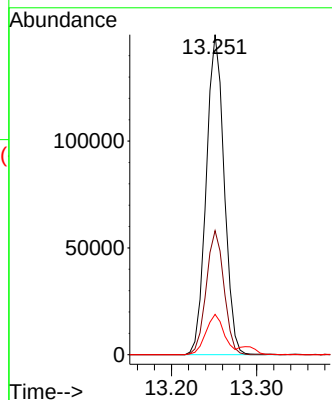
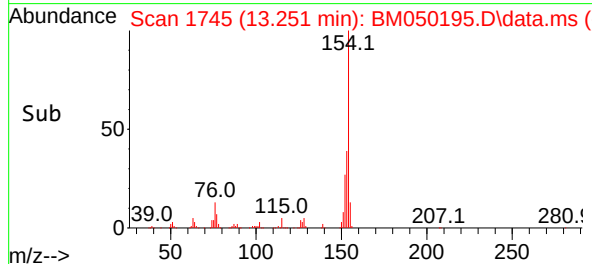
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

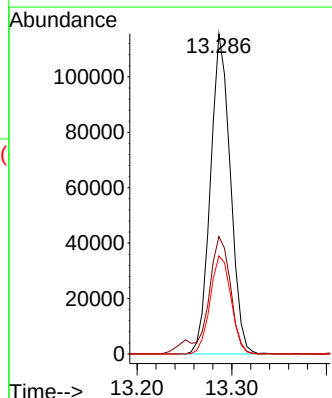
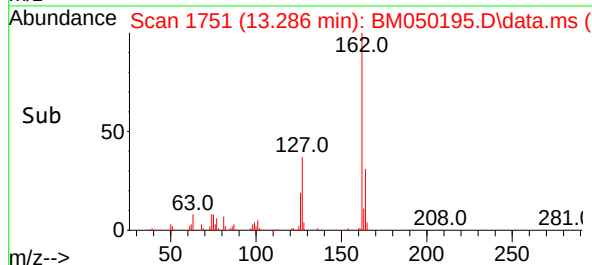
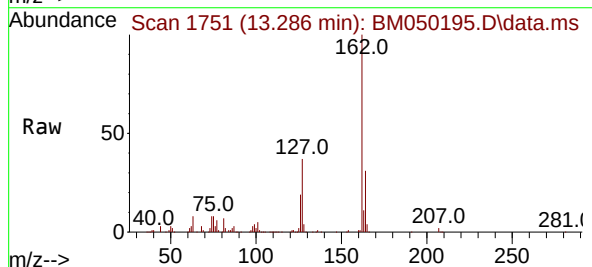
Manual Integrations
APPROVED

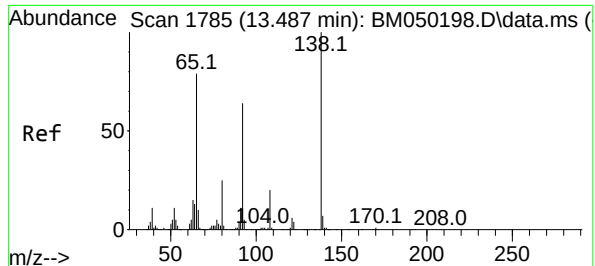
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

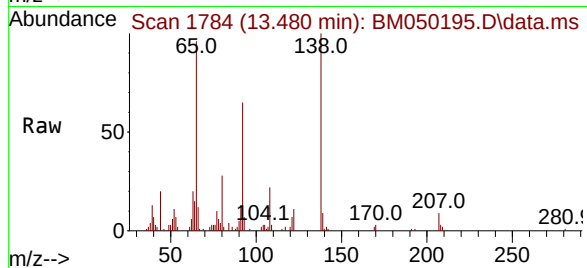
Tgt Ion:162 Resp: 168466
Ion Ratio Lower Upper
162 100
127 36.7 31.1 46.7
164 30.7 26.5 39.7





#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

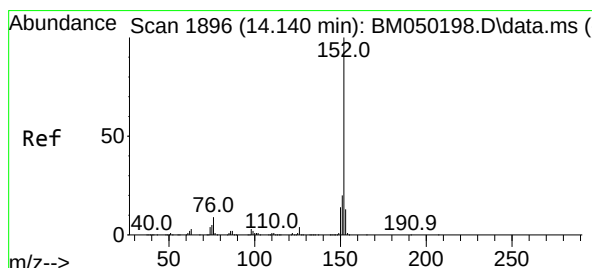
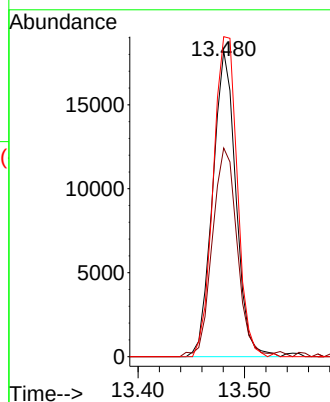
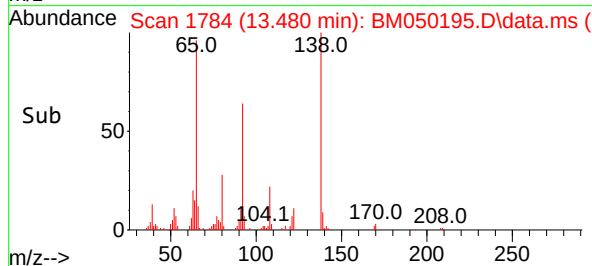
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

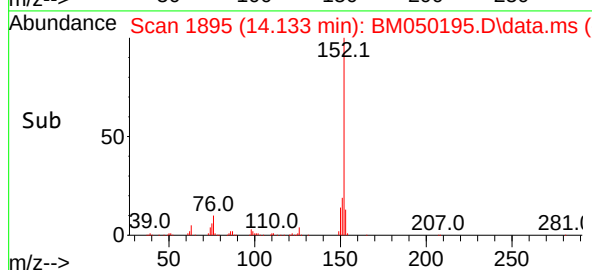
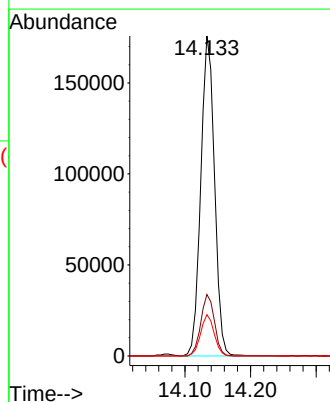
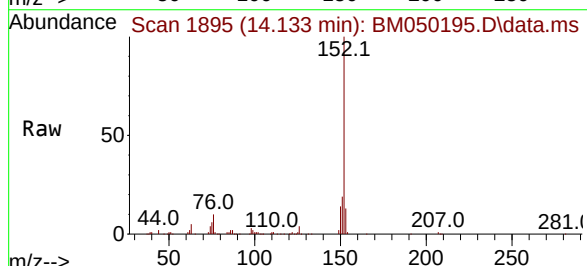
Manual Integrations
APPROVED

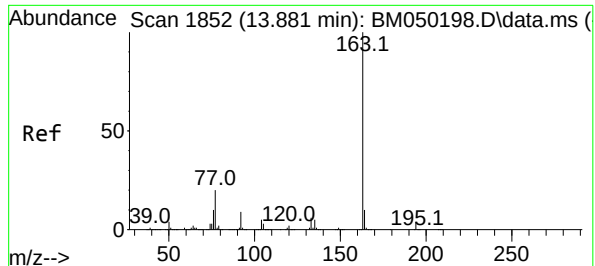
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

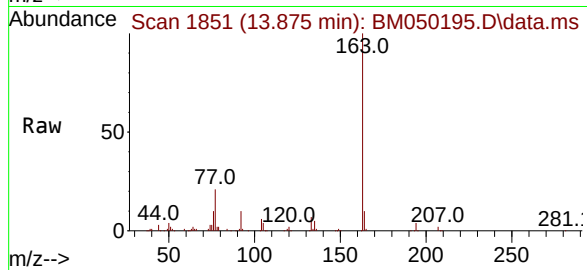
Tgt Ion:152 Resp: 257055
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 12.9 10.4 15.6





#50
Dimethylphthalate
Concen: 4.950 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

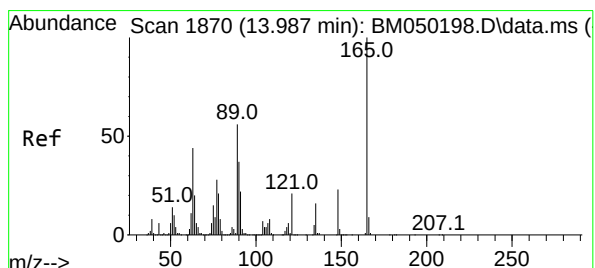
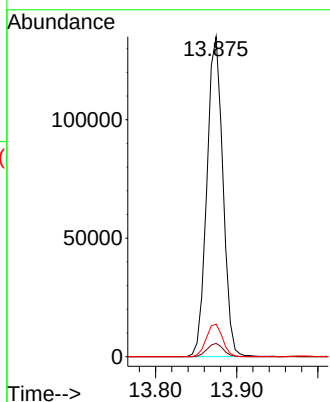
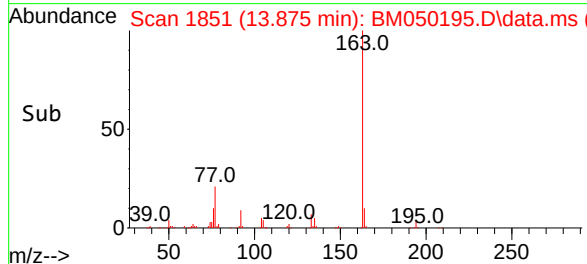
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



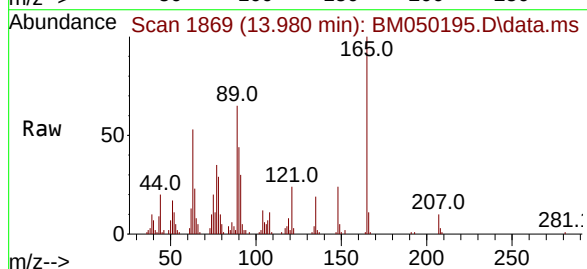
Tgt Ion:163 Resp: 18477
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9

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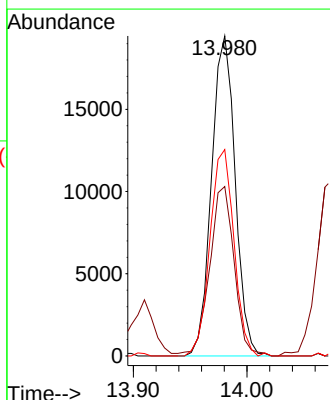
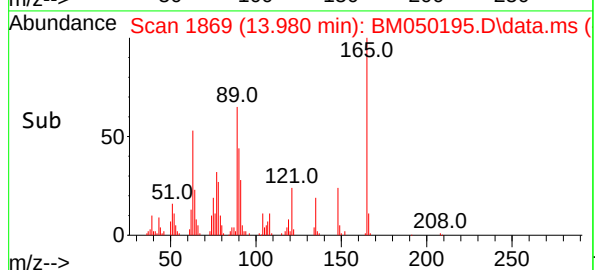
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

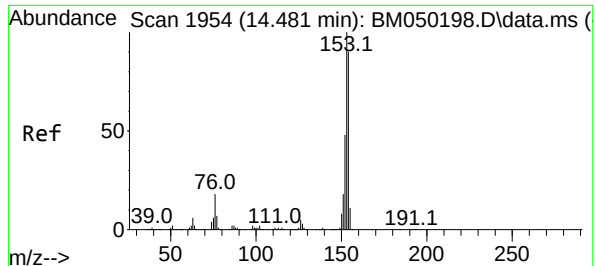


#51
2,6-Dinitrotoluene
Concen: 3.739 ng
RT: 13.980 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



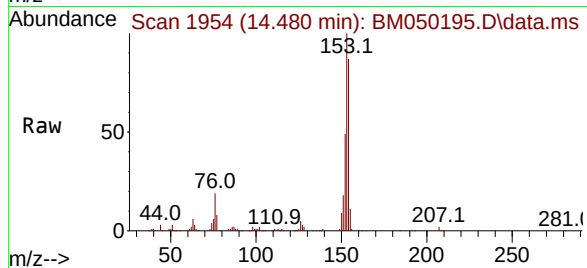
Tgt Ion:165 Resp: 28146
Ion Ratio Lower Upper
165 100
63 52.9 35.8 53.6
89 64.5 44.8 67.2





#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

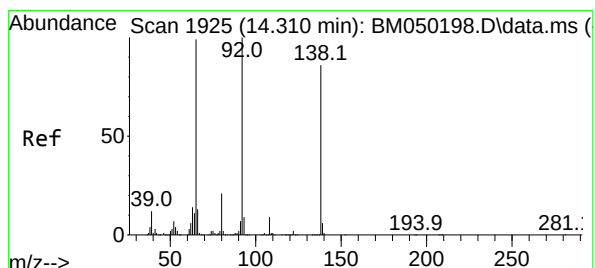
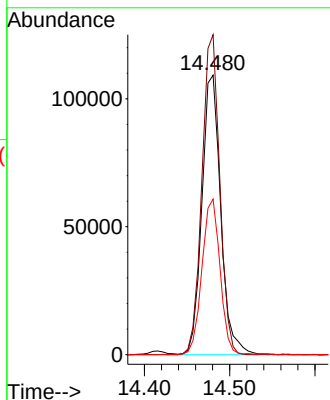
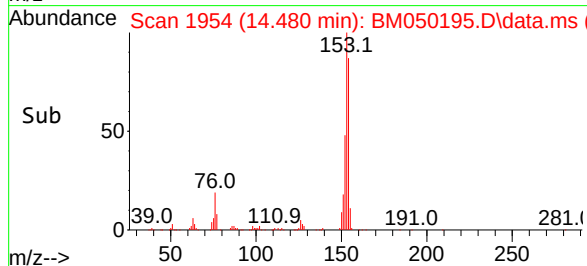
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



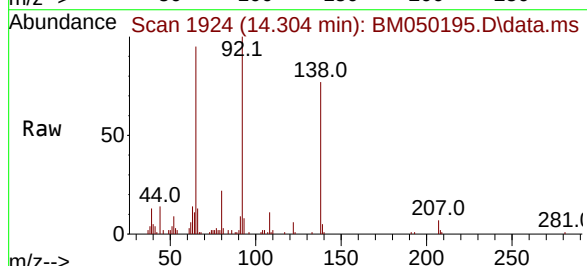
Tgt Ion:154 Resp: 167870
Ion Ratio Lower Upper
154 100
153 114.5 88.7 133.1
152 55.6 42.6 63.8

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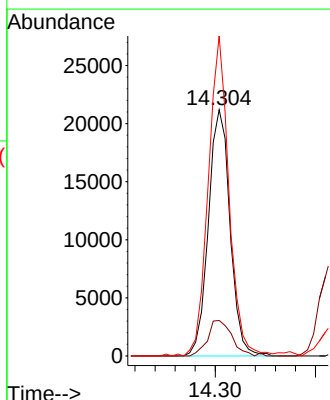
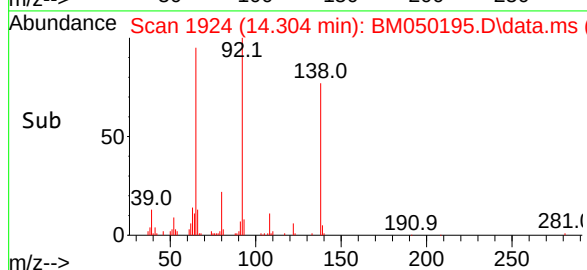
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

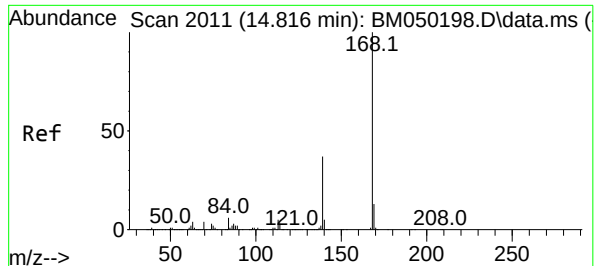


#53
3-Nitroaniline
Concen: 3.794 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



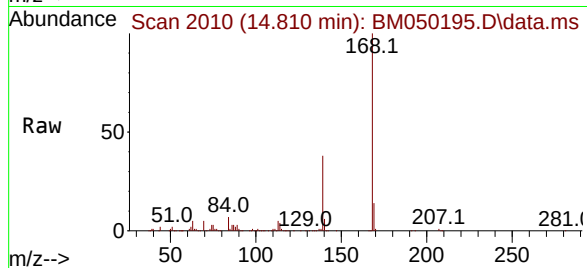
Tgt Ion:138 Resp: 31831
Ion Ratio Lower Upper
138 100
108 14.4 8.8 13.2#
92 129.9 92.9 139.3





#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

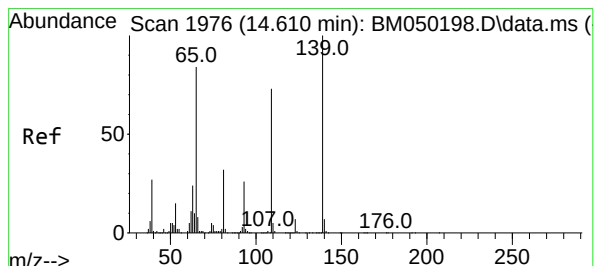
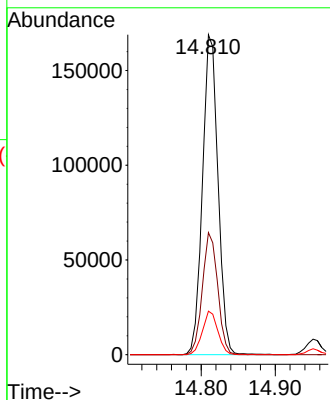
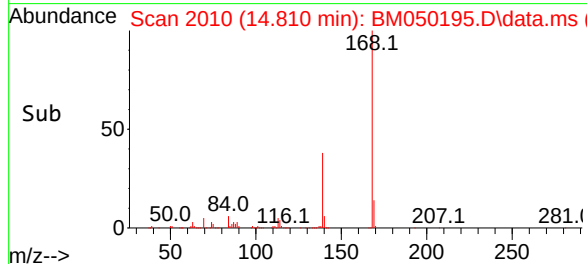
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

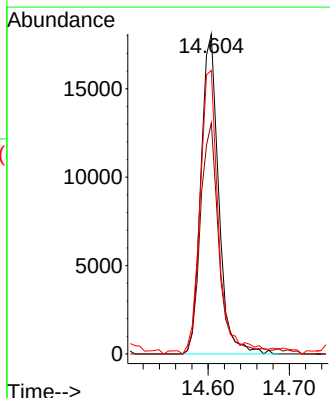
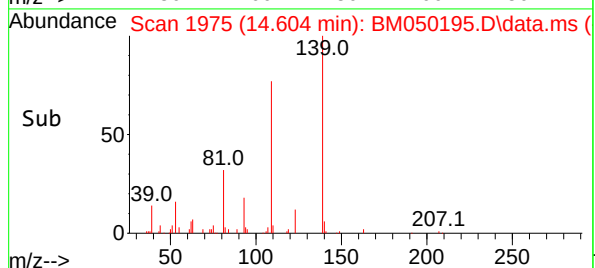
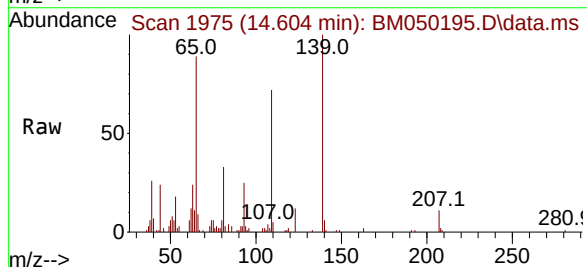
Manual Integrations
APPROVED

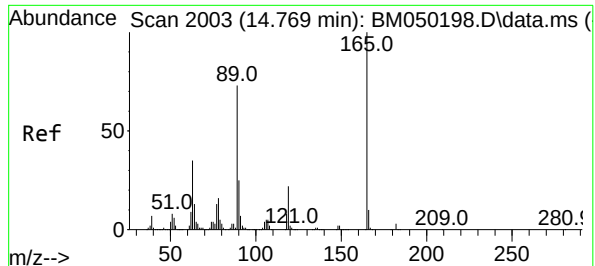
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

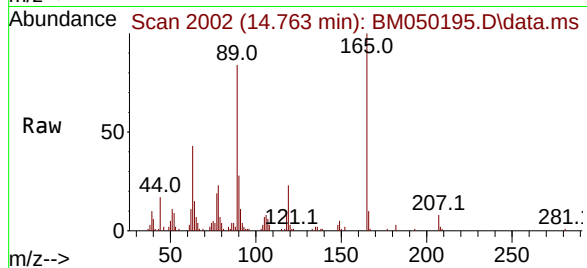
Tgt Ion:139 Resp: 27420
Ion Ratio Lower Upper
139 100
109 72.2 52.6 92.6
65 88.6 64.3 104.3





#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

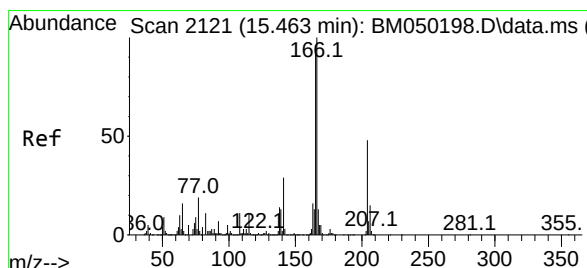
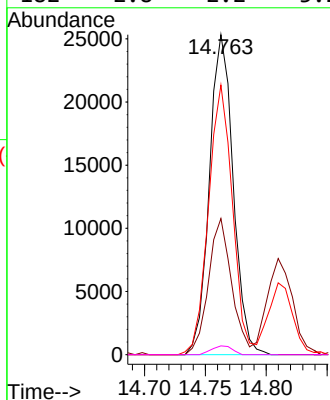
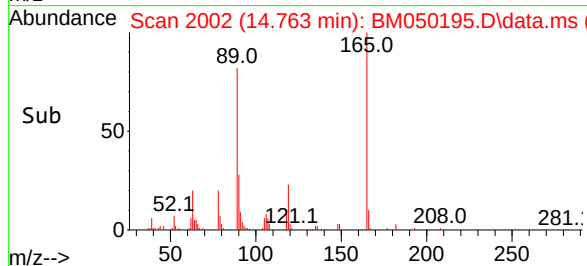
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

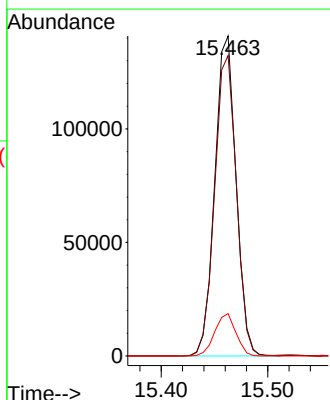
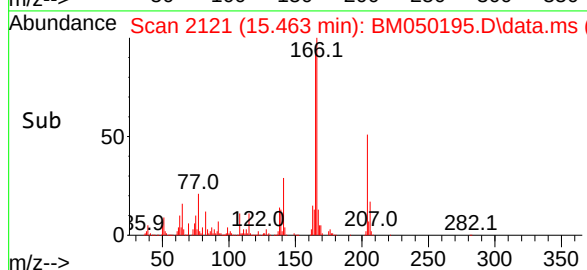
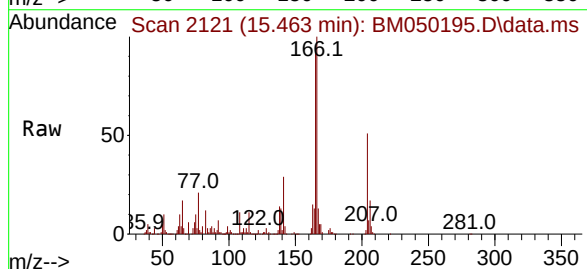
Manual Integrations
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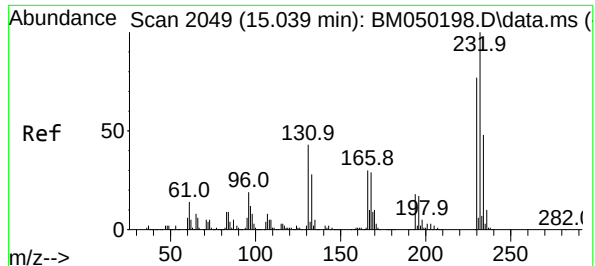
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

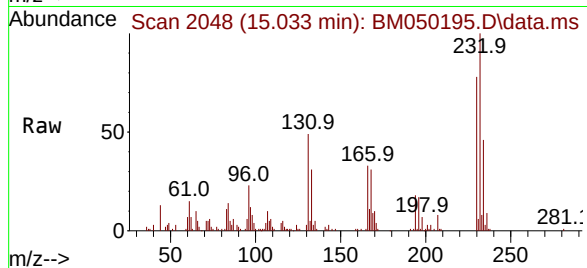
Tgt Ion:166 Resp: 195018
Ion Ratio Lower Upper
166 100
165 93.9 77.0 115.4
167 13.3 10.7 16.1





#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

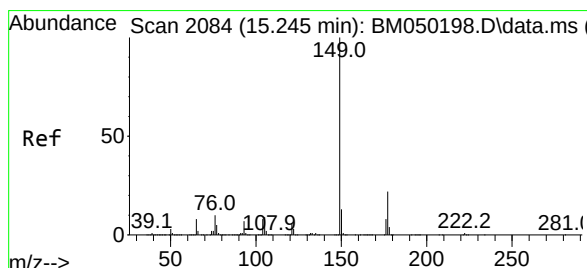
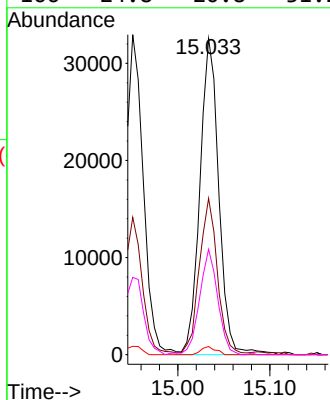
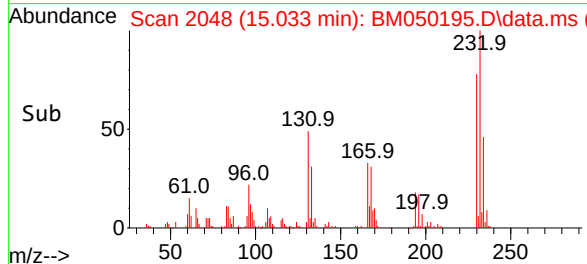
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



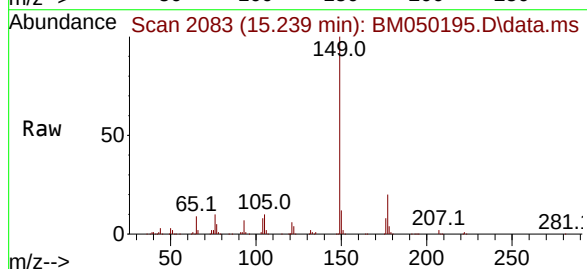
Tgt Ion:232 Resp: 4664
Ion Ratio Lower Upper
232 100
131 42.0 32.9 49.3
130 2.5 1.8 2.8
166 24.8 20.8 31.2

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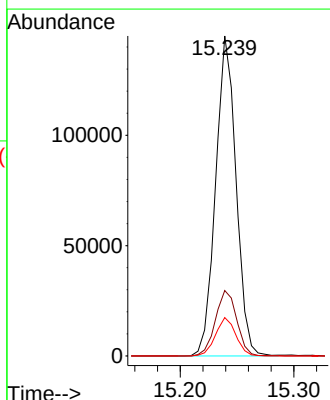
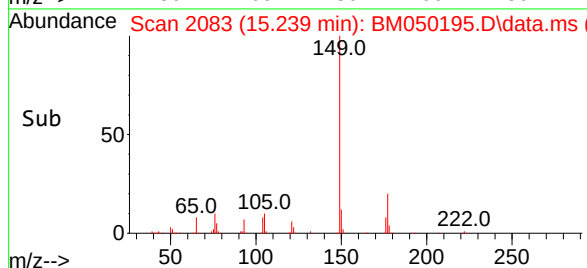
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

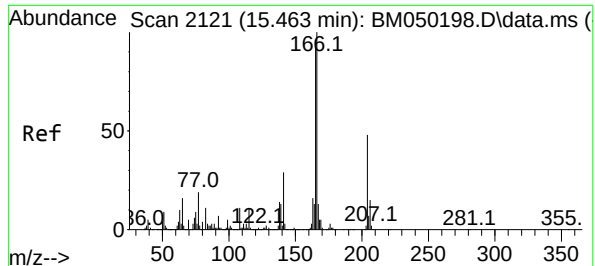


#60
Diethylphthalate
Concen: 4.897 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



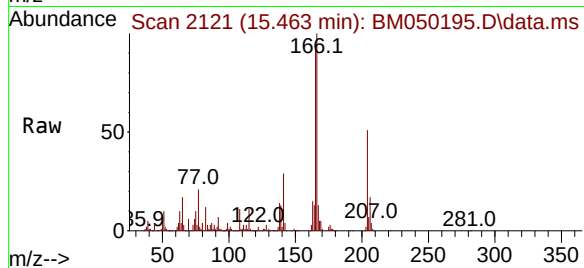
Tgt Ion:149 Resp: 181363
Ion Ratio Lower Upper
149 100
177 20.5 17.2 25.8
150 12.0 10.0 15.0





#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

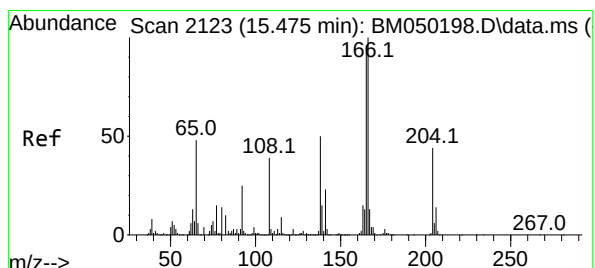
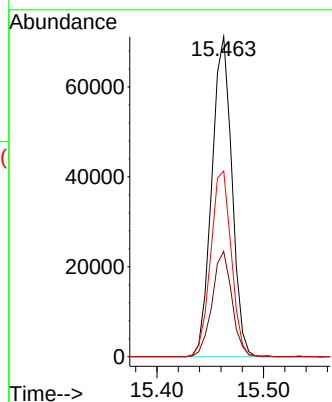
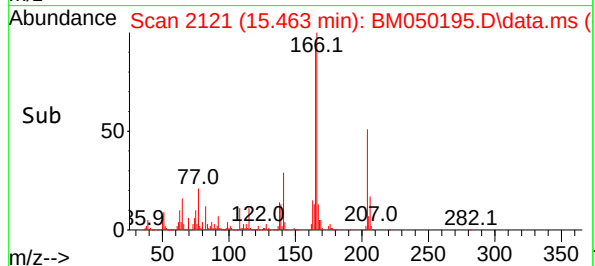
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



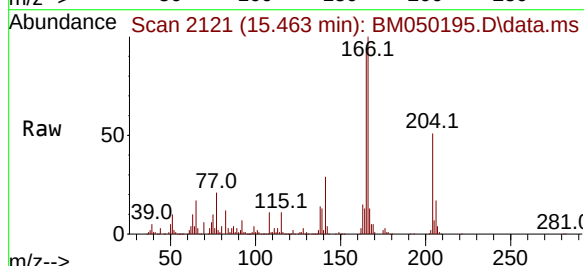
Tgt Ion:204 Resp: 9314
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 58.1 47.9 71.9

Manual Integrations
APPROVED

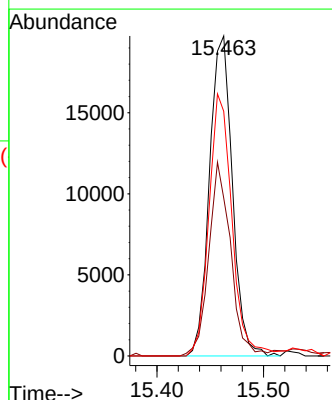
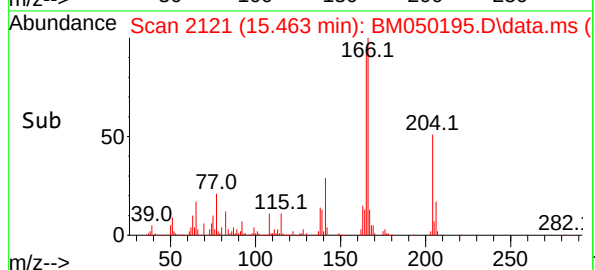
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

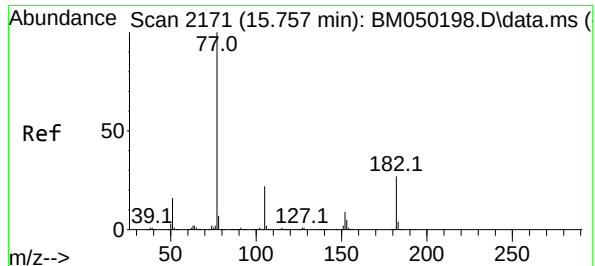


#62
4-Nitroaniline
Concen: 3.743 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



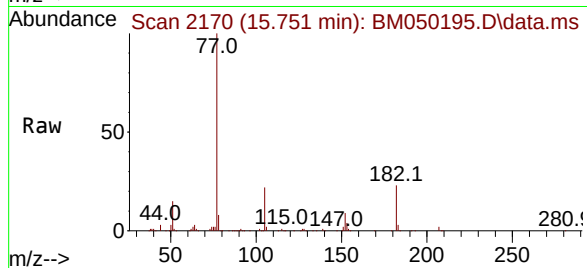
Tgt Ion:138 Resp: 29436
Ion Ratio Lower Upper
138 100
92 49.4 28.8 68.8
108 76.5 58.1 98.1





#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

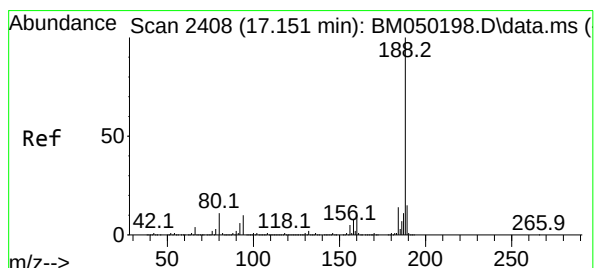
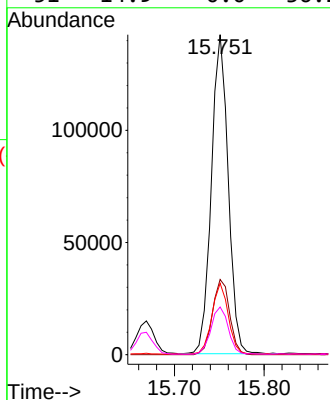
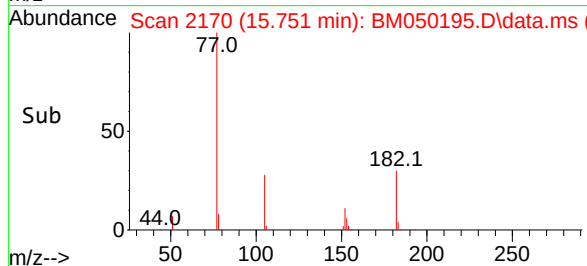
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



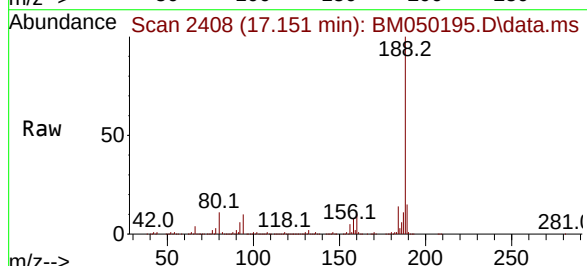
Tgt Ion: 77 Resp: 185154
Ion Ratio Lower Upper
77 100
182 23.5 6.8 46.8
105 22.3 1.7 41.7
51 14.9 0.0 36.2

Manual Integrations
APPROVED

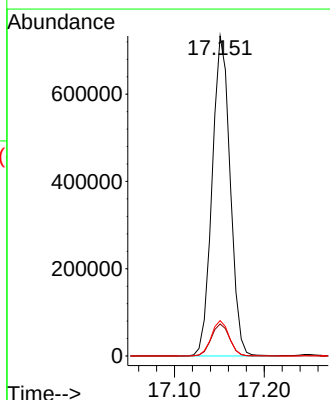
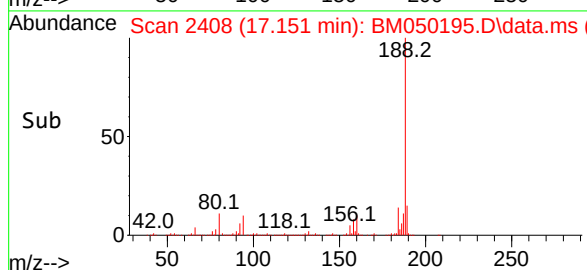
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

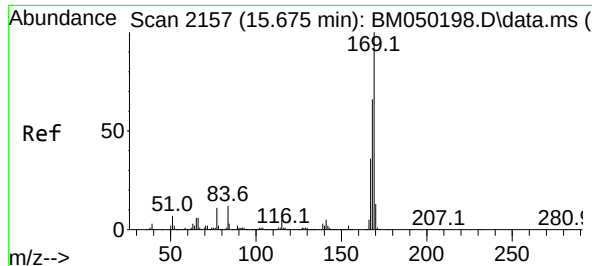


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



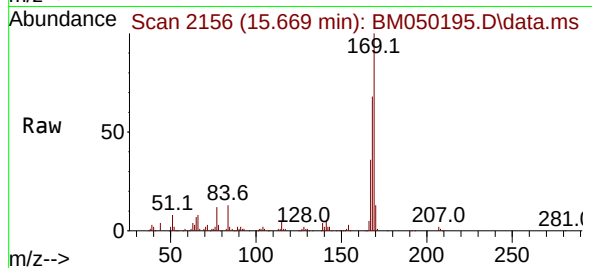
Tgt Ion:188 Resp: 1022508
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 8.6 13.0





#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

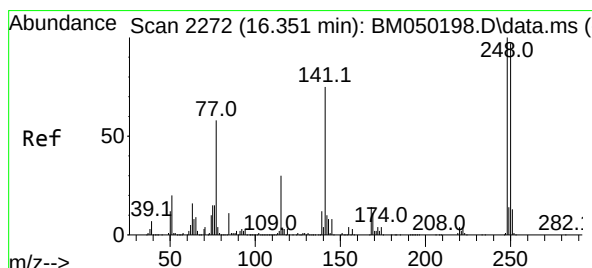
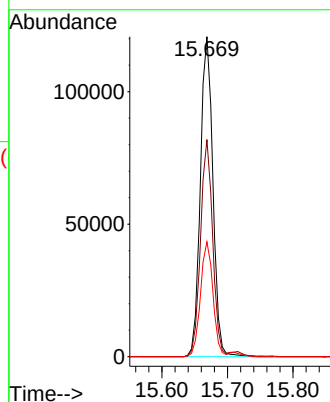
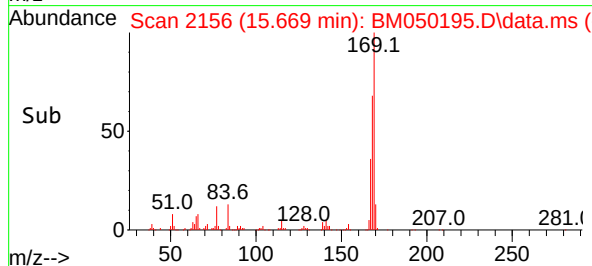
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

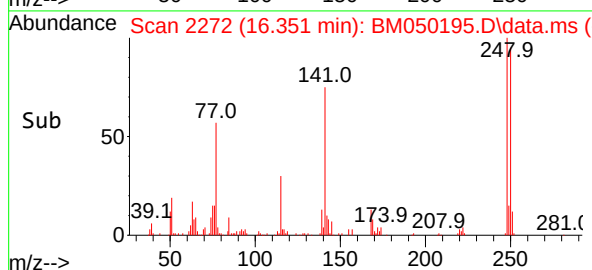
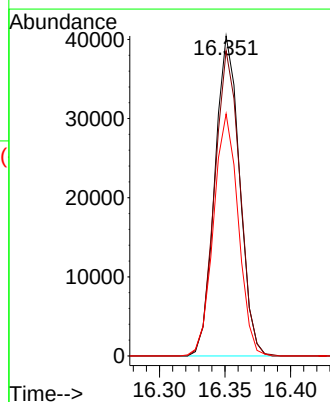
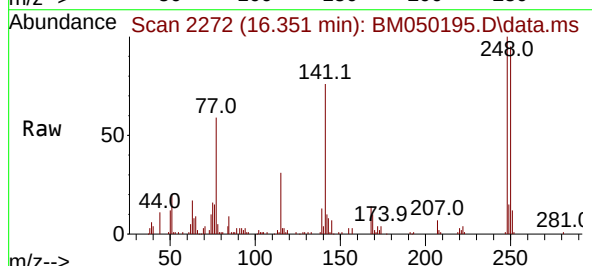
Manual Integrations
APPROVED

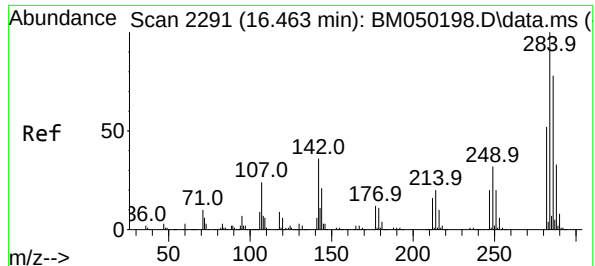
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

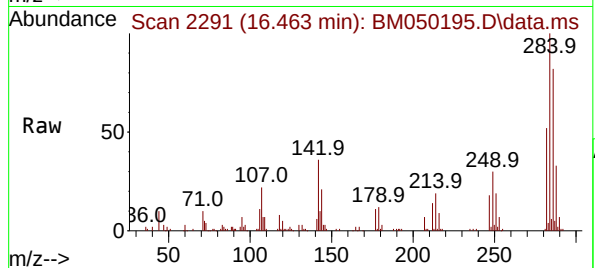
Tgt Ion:248 Resp: 52965
Ion Ratio Lower Upper
248 100
250 95.4 78.0 117.0
141 75.7 60.1 90.1





#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

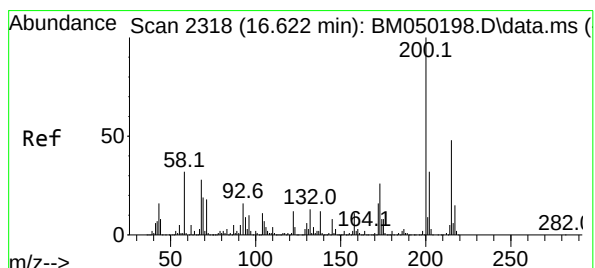
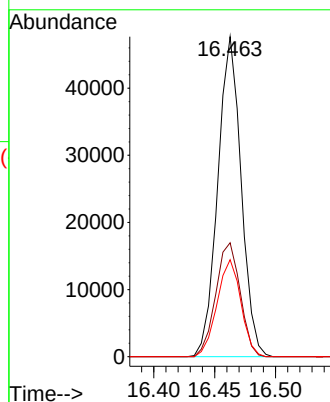
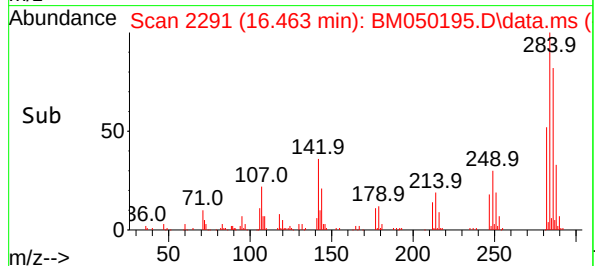
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



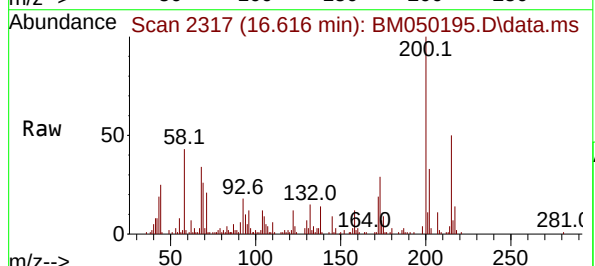
Tgt Ion:284 Resp: 63698
Ion Ratio Lower Upper
284 100
142 35.6 28.8 43.2
249 30.3 25.8 38.6

Manual Integrations
APPROVED

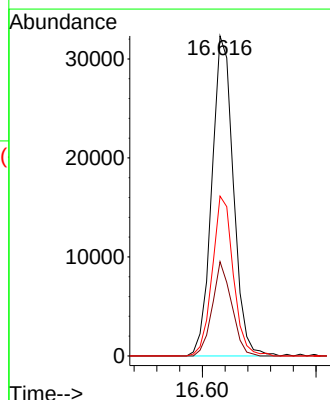
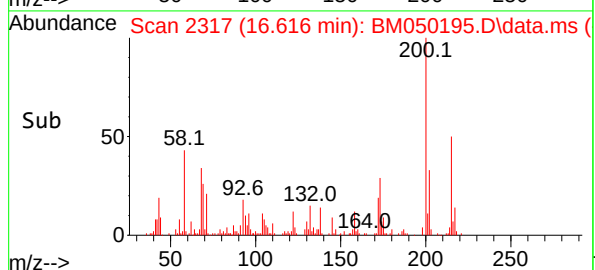
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

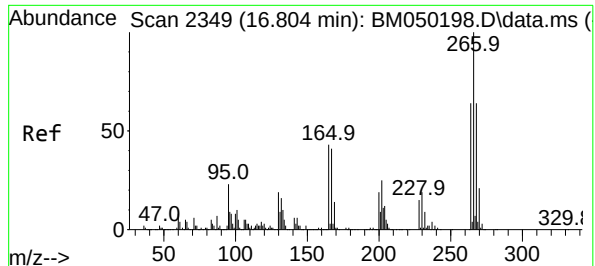


#69
Atrazine
Concen: 4.150 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



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





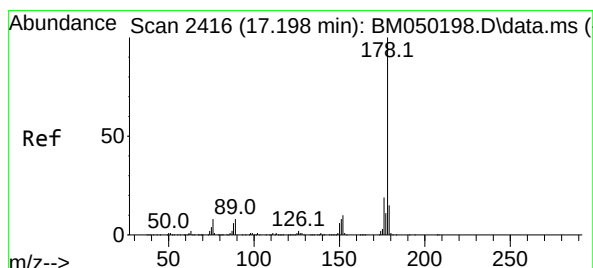
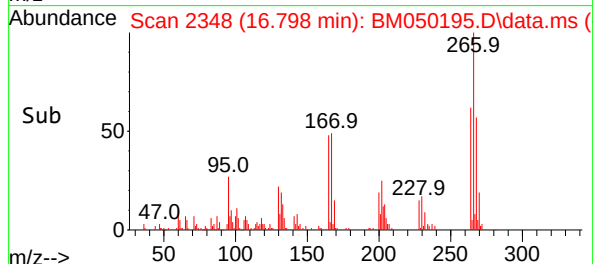
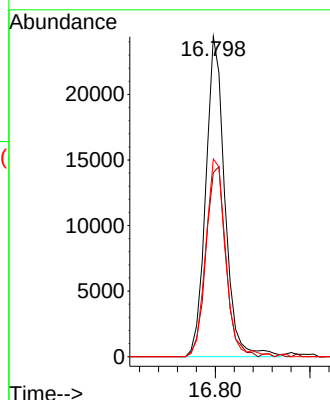
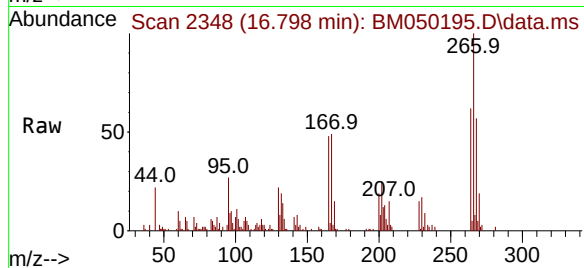
#70
Pentachlorophenol
Concen: 4.101 ng
RT: 16.798 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59

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

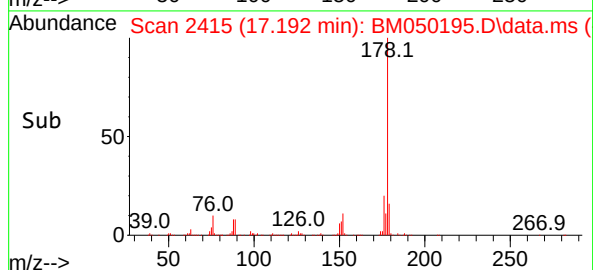
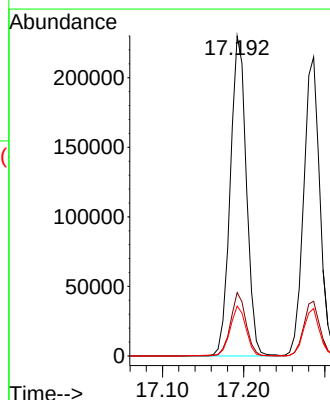
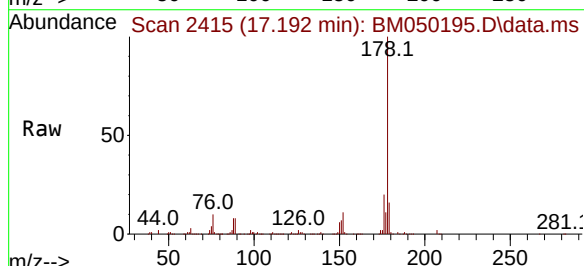
Manual Integrations
APPROVED

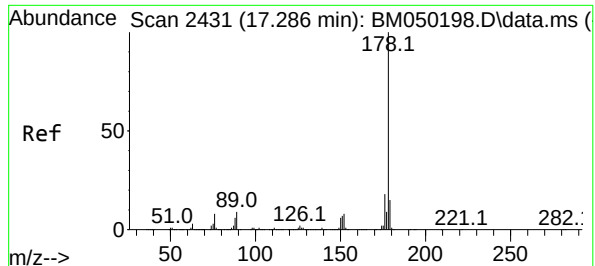
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

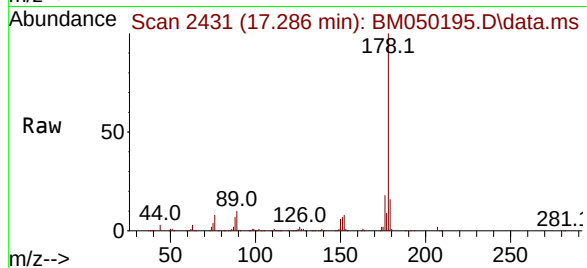
Tgt Ion:178 Resp: 316683
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.3 18.5





#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

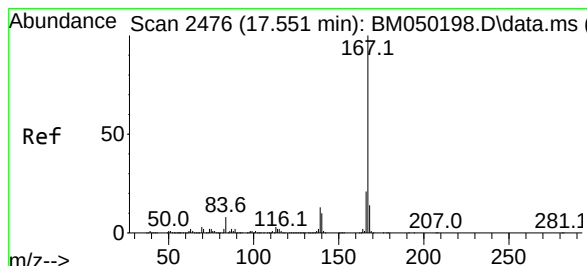
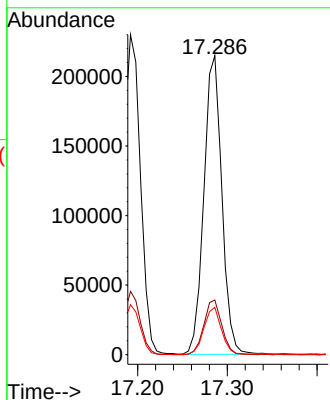
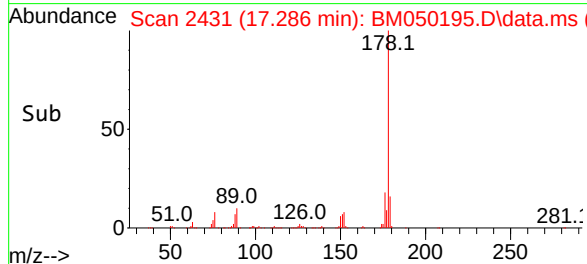
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

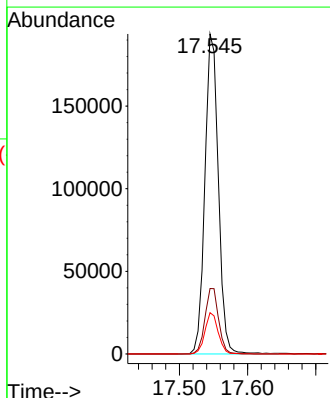
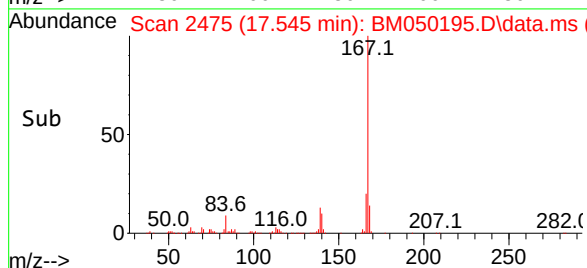
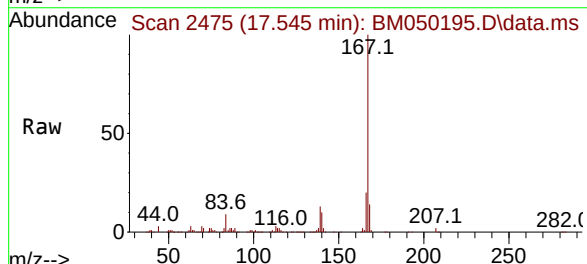
Manual Integrations
APPROVED

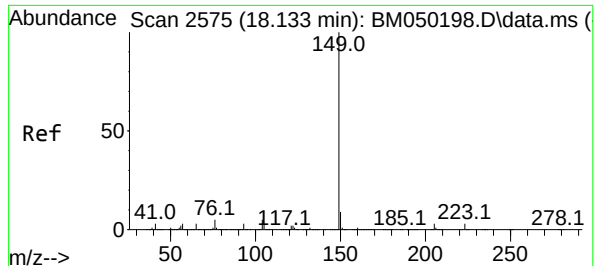
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

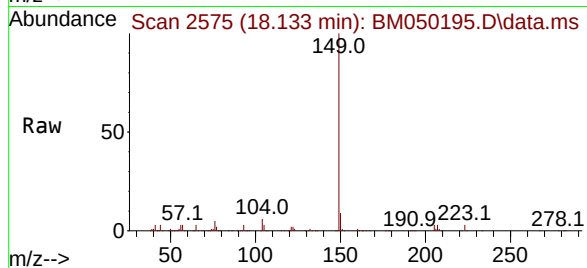
Tgt Ion:167 Resp: 266214
Ion Ratio Lower Upper
167 100
166 20.4 17.0 25.6
139 12.9 10.2 15.4





#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

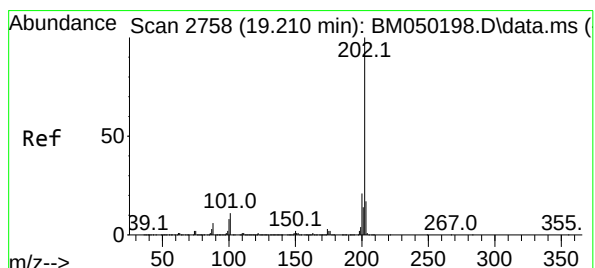
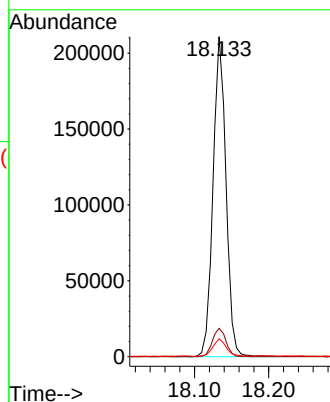
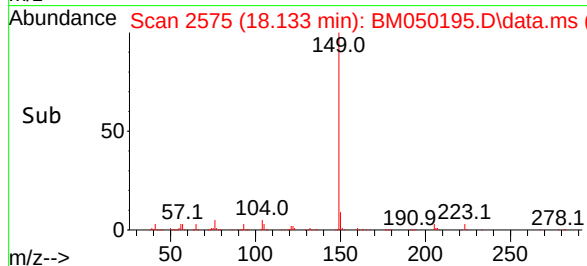
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

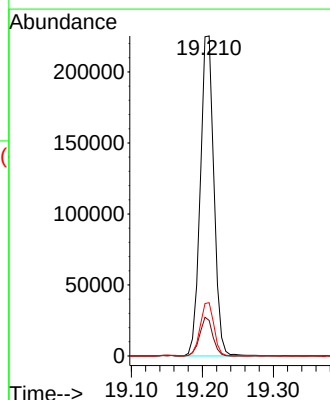
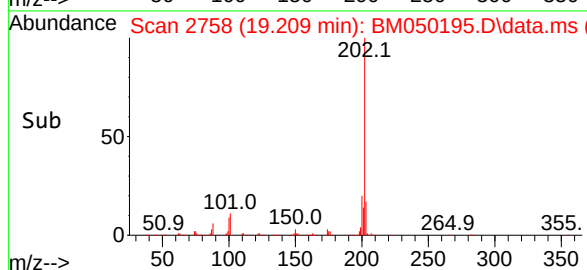
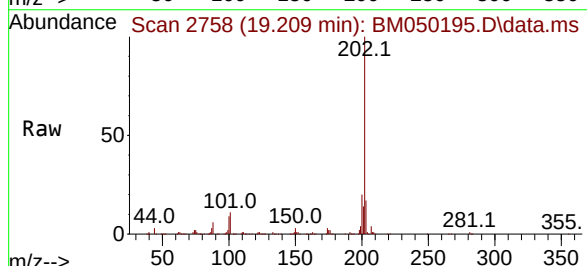
Manual Integrations
APPROVED

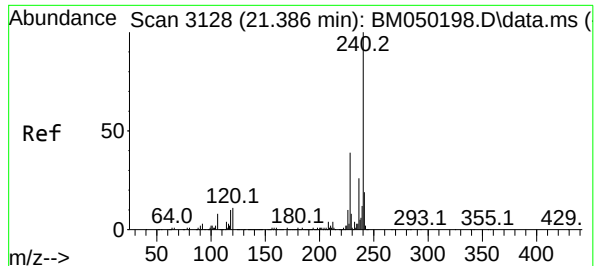
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

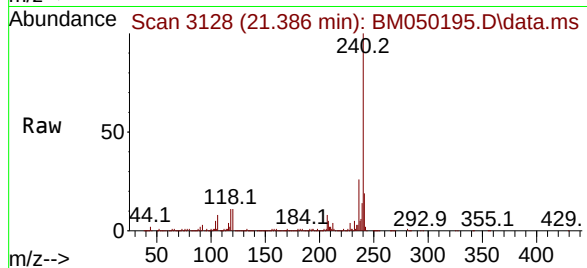
Tgt Ion:202 Resp: 301599
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 16.7 0.0 37.0





#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

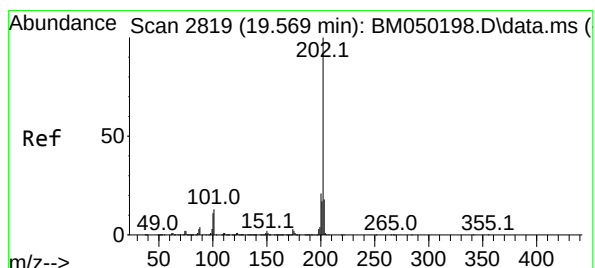
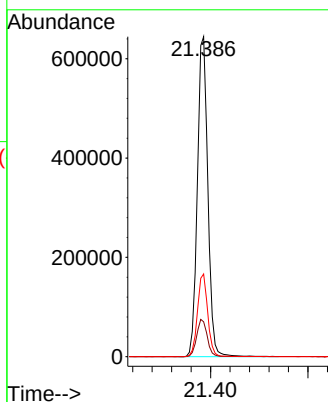
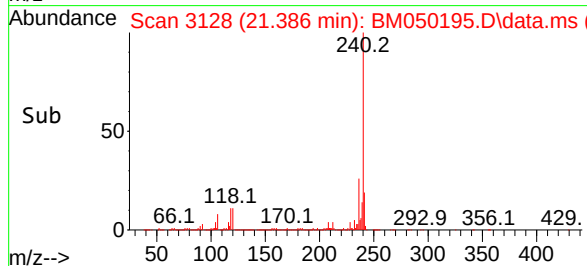
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

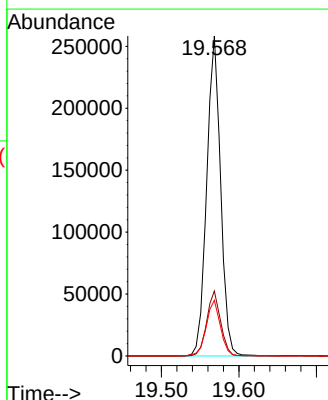
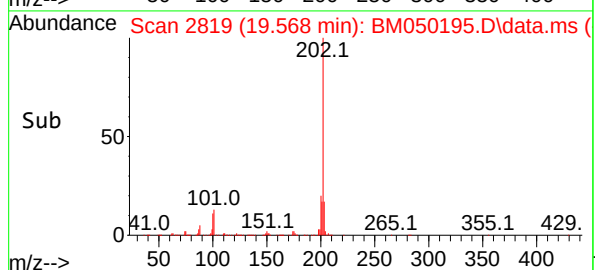
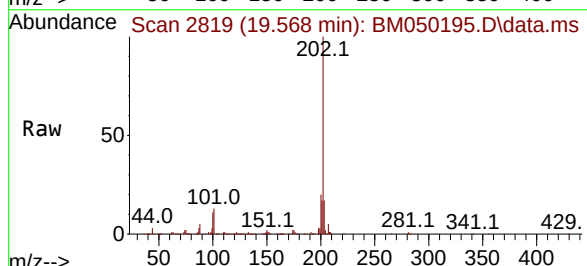
Manual Integrations
APPROVED

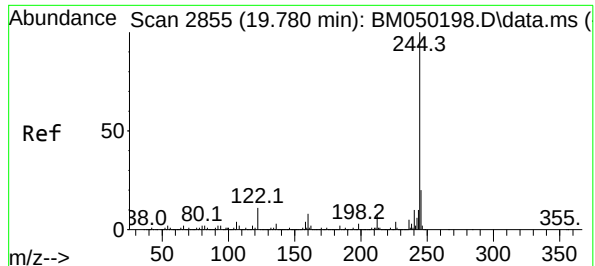
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

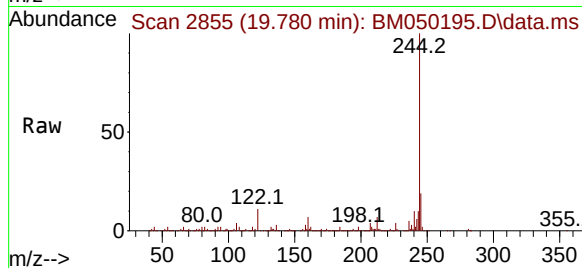
Tgt Ion:202 Resp: 320928
Ion Ratio Lower Upper
202 100
200 20.3 16.7 25.1
203 17.4 14.1 21.1





#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

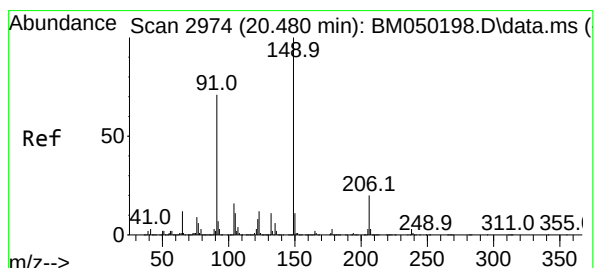
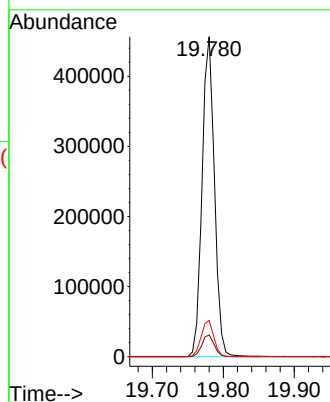
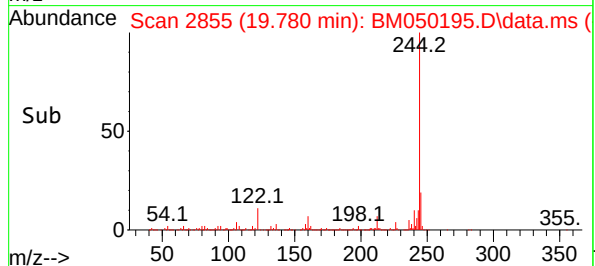
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

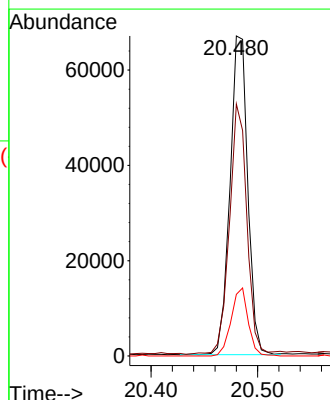
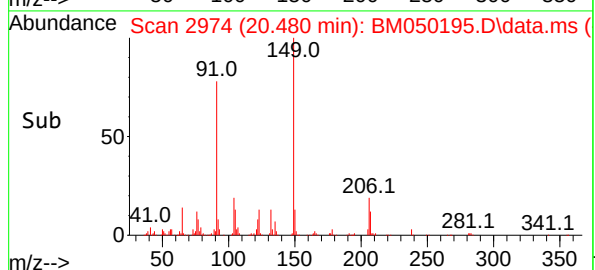
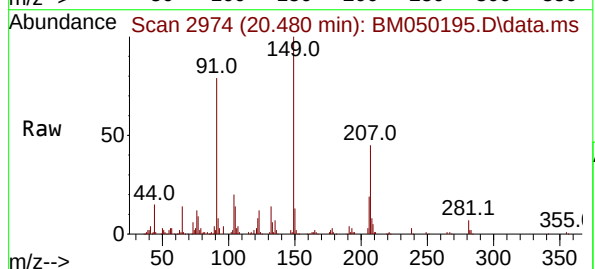
Manual Integrations
APPROVED

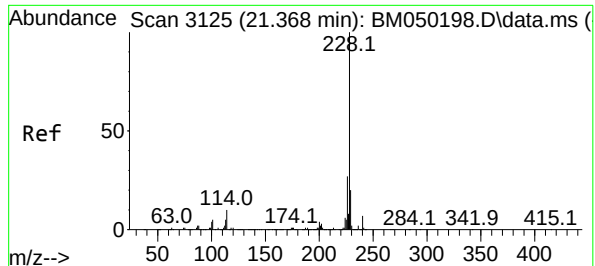
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

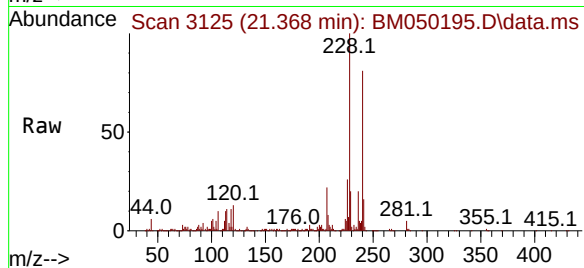
Tgt Ion:149 Resp: 77663
Ion Ratio Lower Upper
149 100
91 78.8 56.9 85.3
206 19.3 16.1 24.1





#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

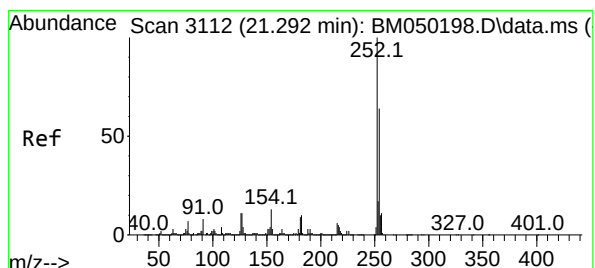
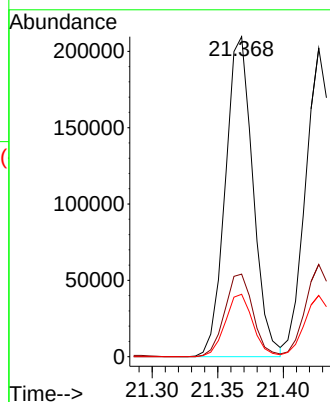
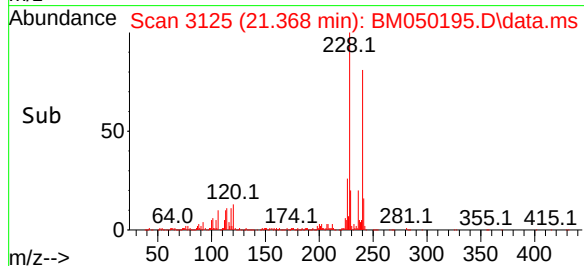
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

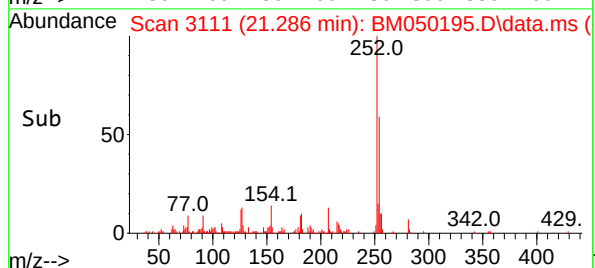
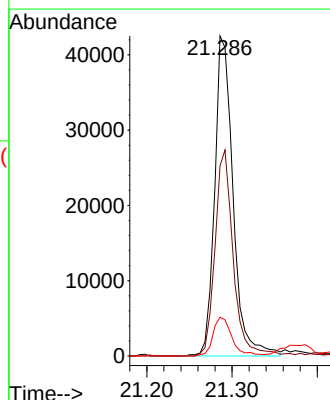
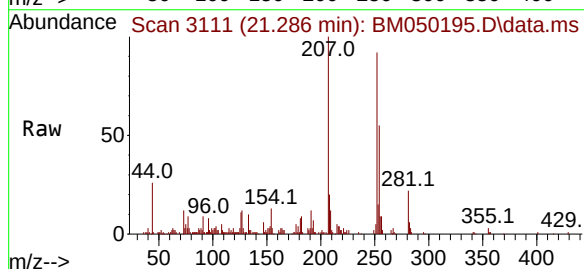
Manual Integrations
APPROVED

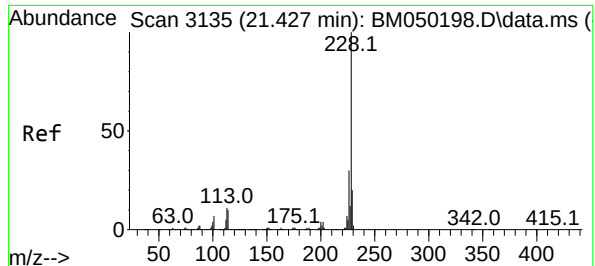
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

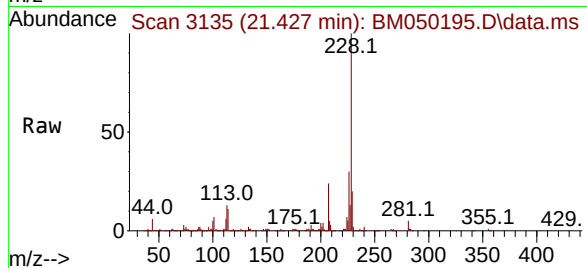
Tgt Ion:252 Resp: 64021
Ion Ratio Lower Upper
252 100
254 59.5 51.4 77.0
126 12.1 8.6 12.8





#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

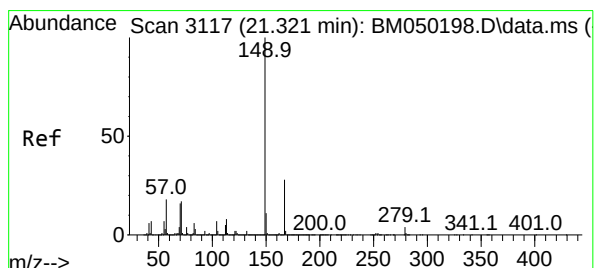
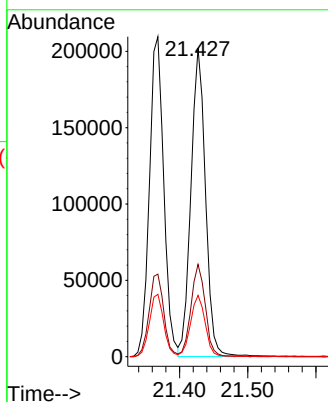
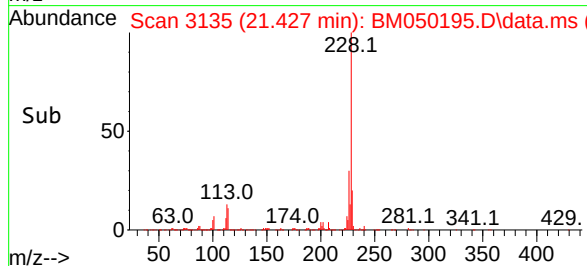
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

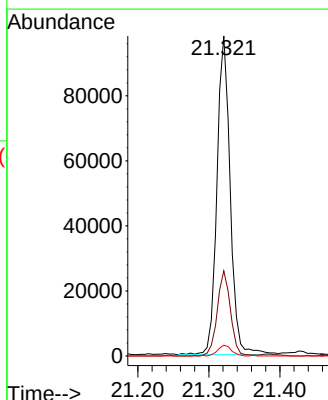
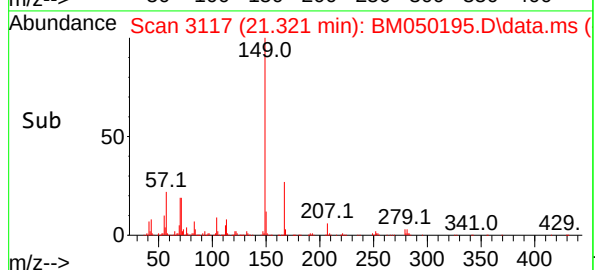
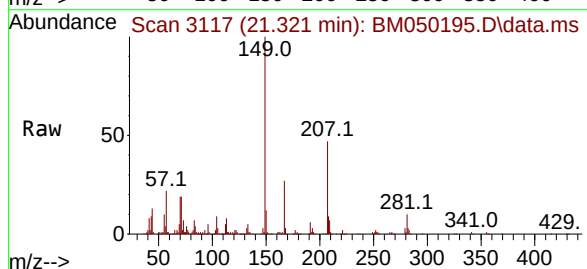
Manual Integrations
APPROVED

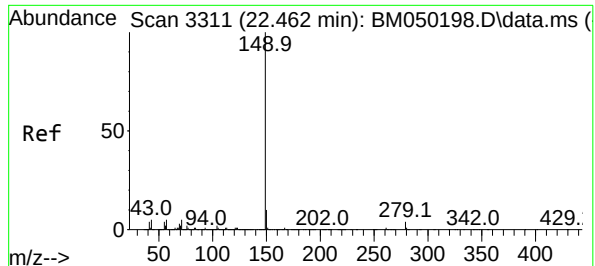
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

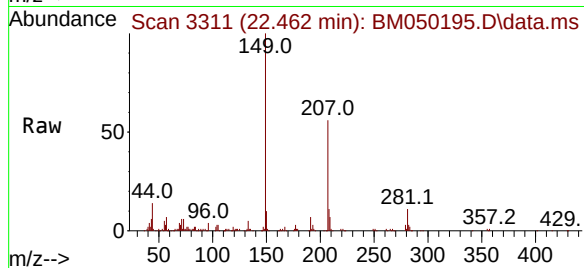
Tgt Ion:149 Resp: 126652
Ion Ratio Lower Upper
149 100
167 26.6 22.3 33.5
279 3.3 3.5 5.3#





#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

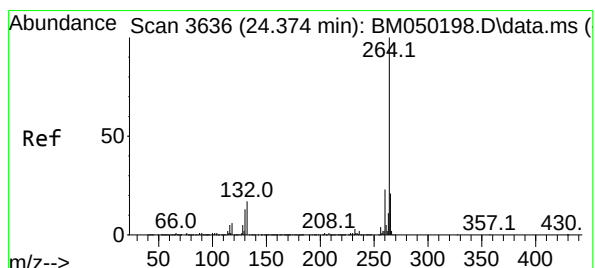
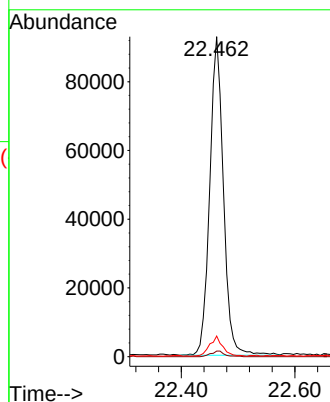
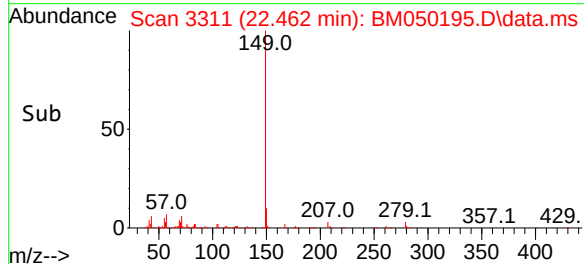
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

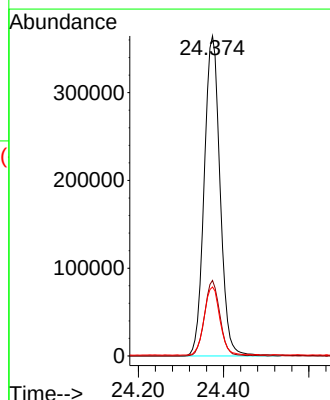
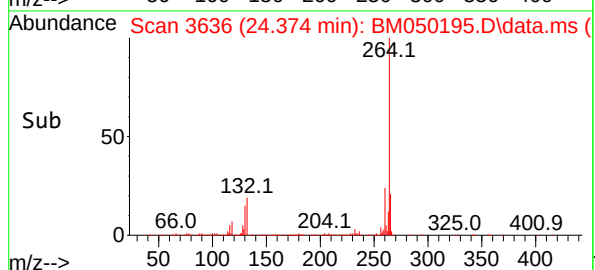
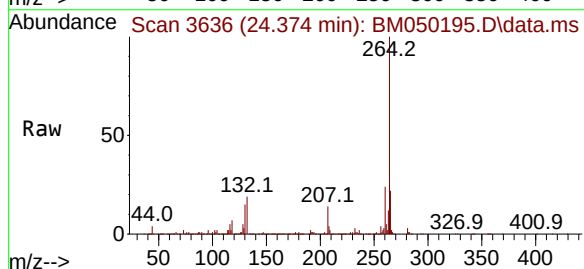
Manual Integrations
APPROVED

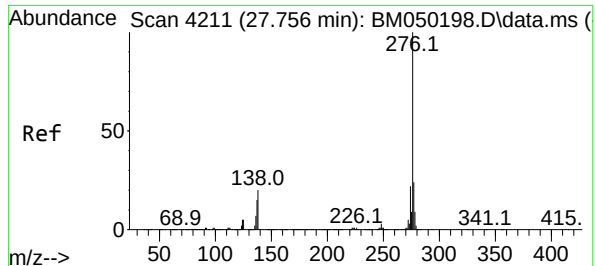
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

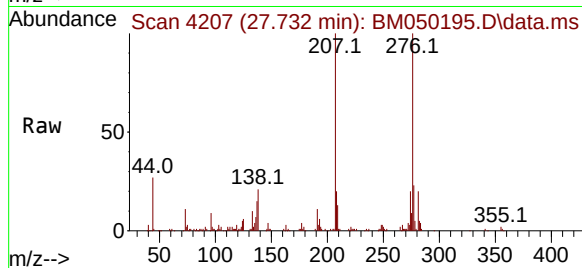
Tgt Ion:264 Resp: 941239
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.6 16.8 25.2





#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

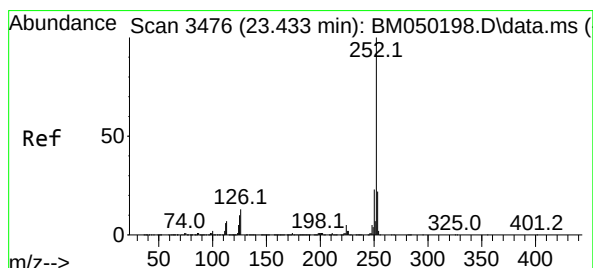
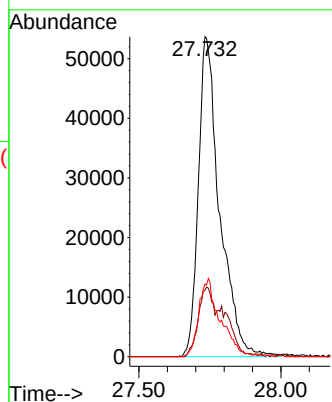
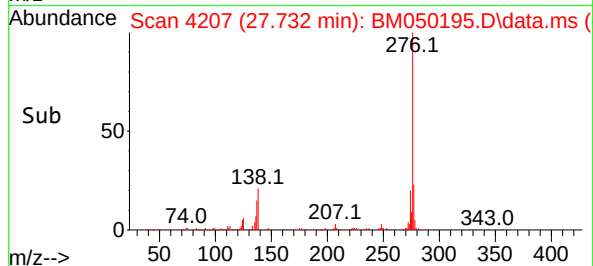
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



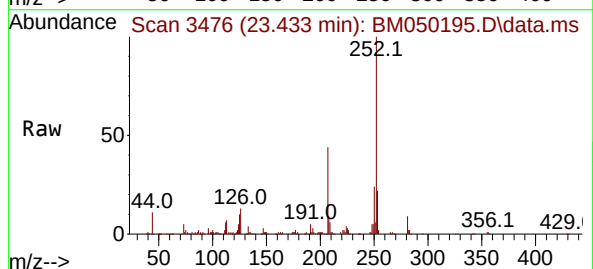
Tgt Ion:276 Resp: 279730
Ion Ratio Lower Upper
276 100
138 16.0 20.6 30.8
277 24.6 19.8 29.6

Manual Integrations
APPROVED

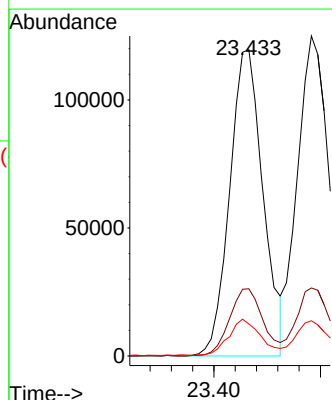
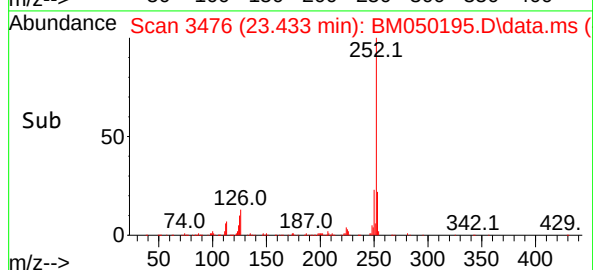
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

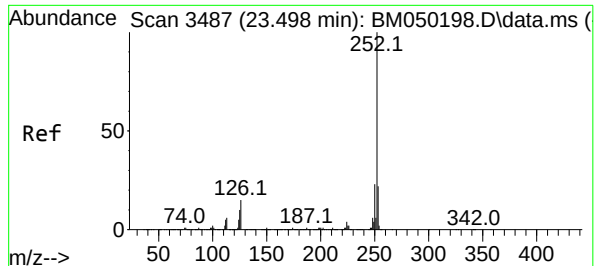


#88
Benzo(b)fluoranthene
Concen: 4.748 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BM050195.D
Acq: 05 Jun 2025 09:59



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

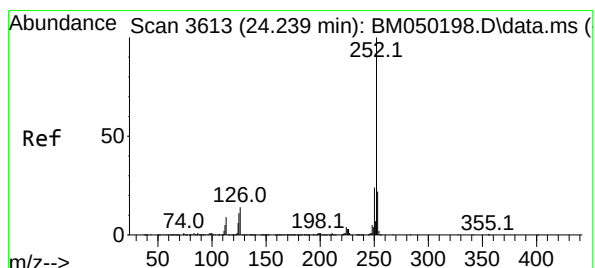
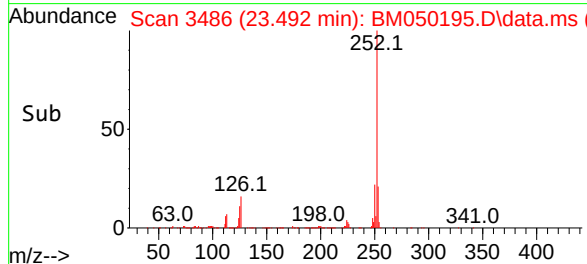
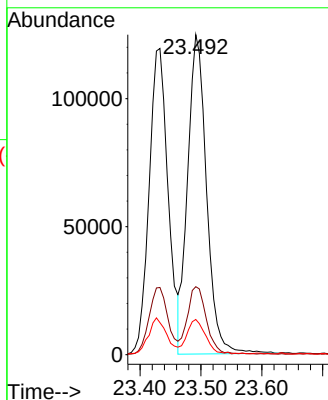
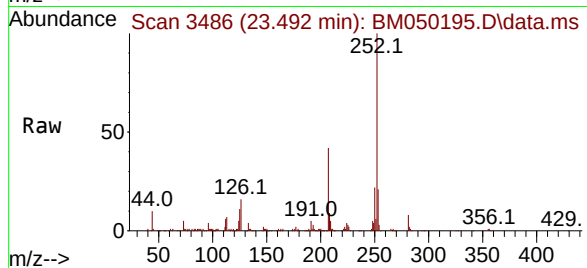
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	11.0	8.2	12.4

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

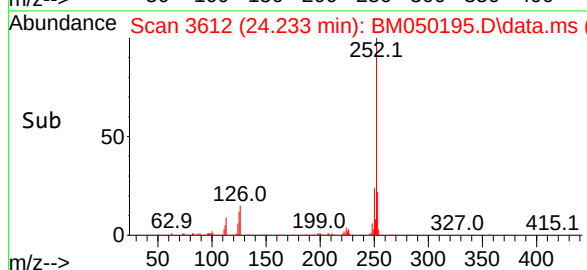
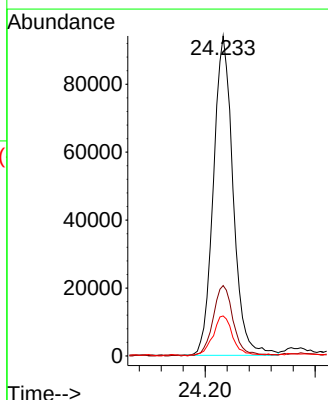
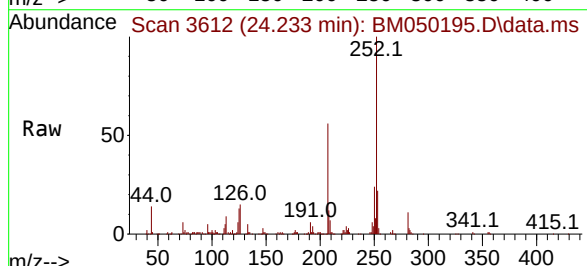
RT: 24.233 min Scan# 3612

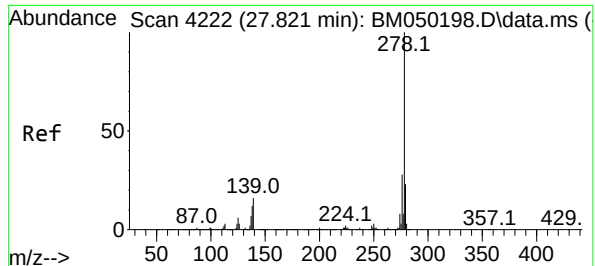
Delta R.T. -0.006 min

Lab File: BM050195.D

Acq: 05 Jun 2025 09:59

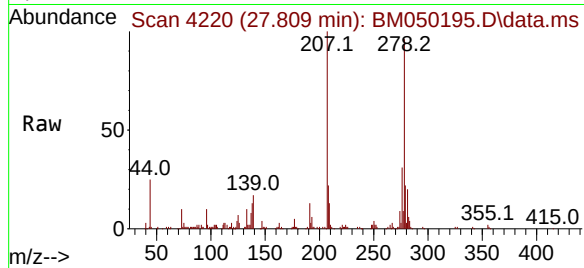
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.5	9.0	13.4





#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

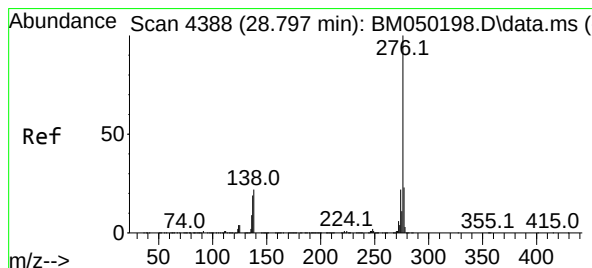
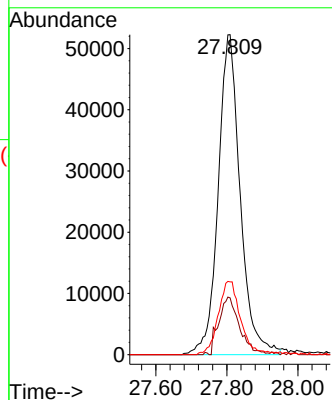
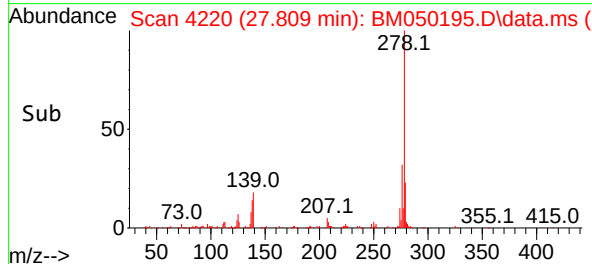
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

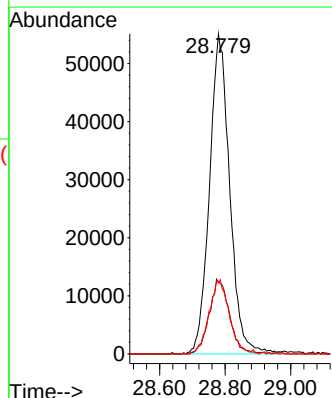
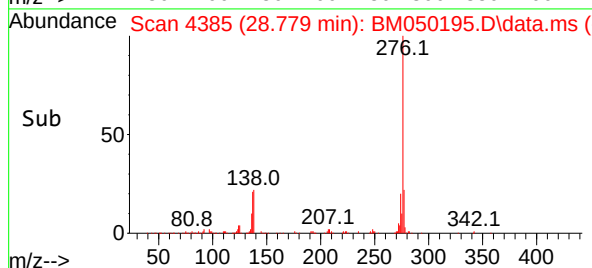
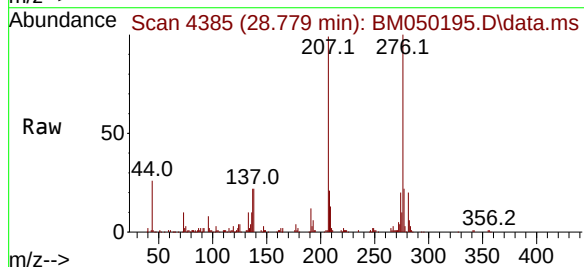
Manual Integrations
APPROVED

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

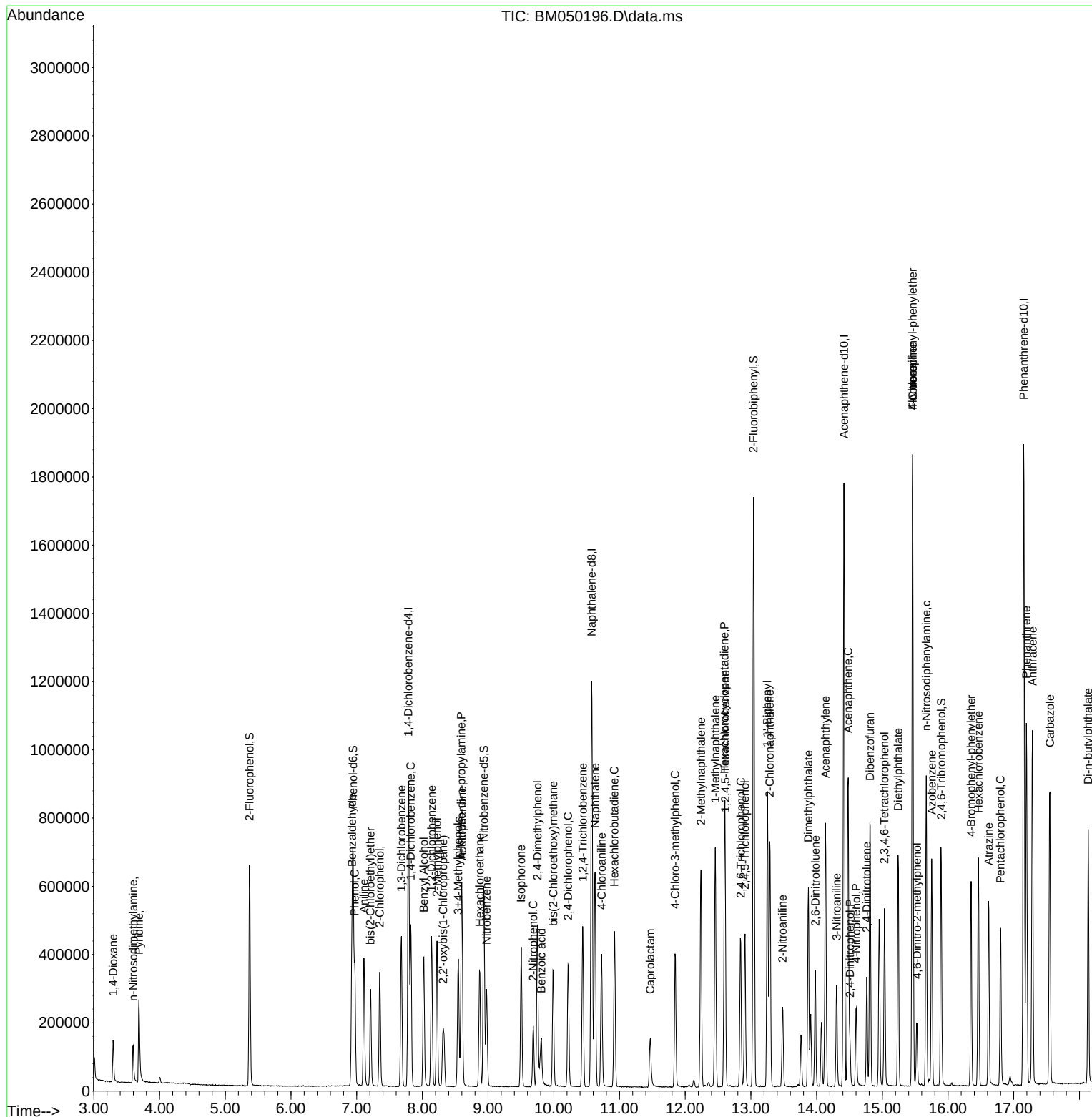
Quant Time: Jun 05 14:58:04 2025

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



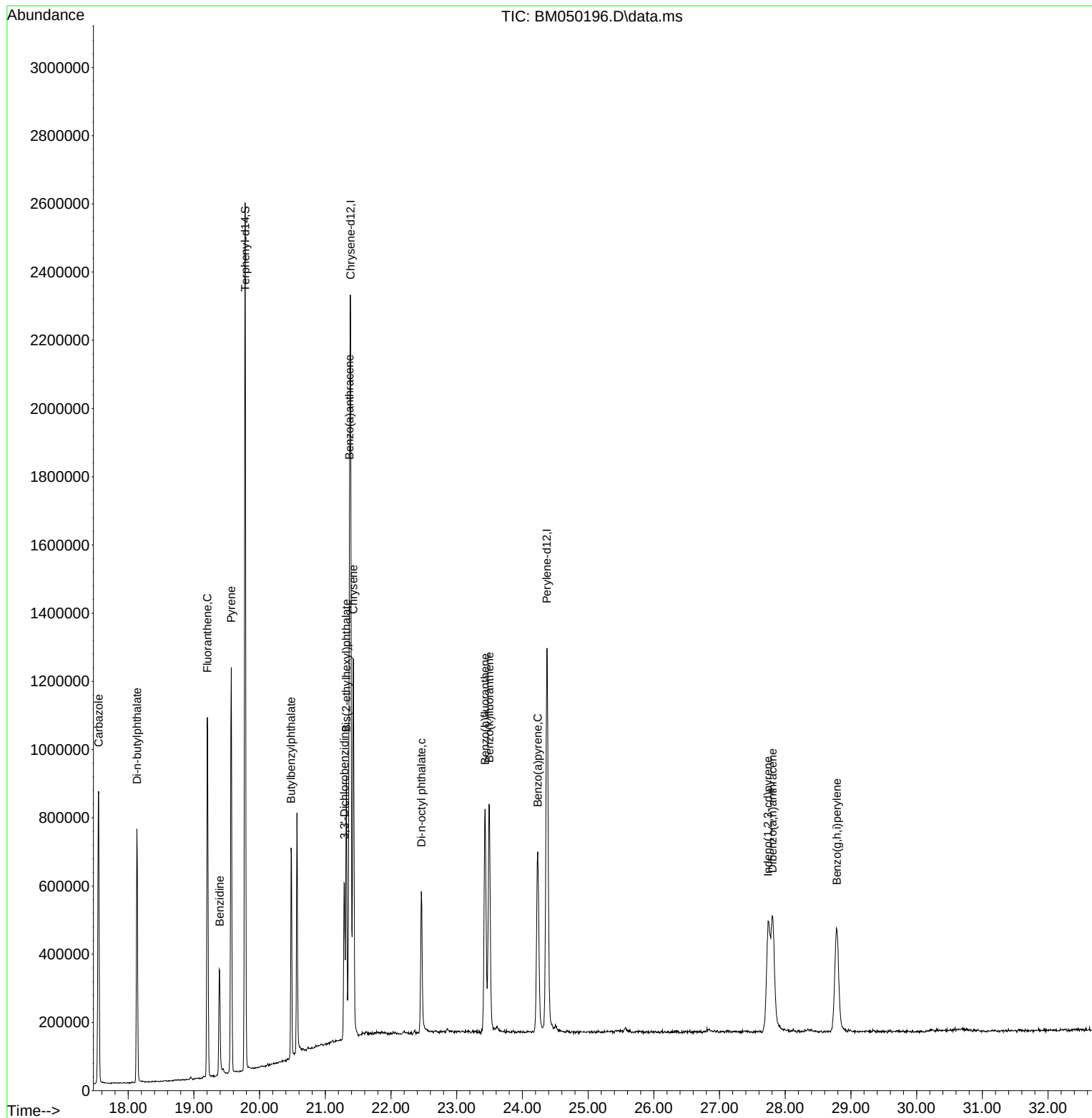
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Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

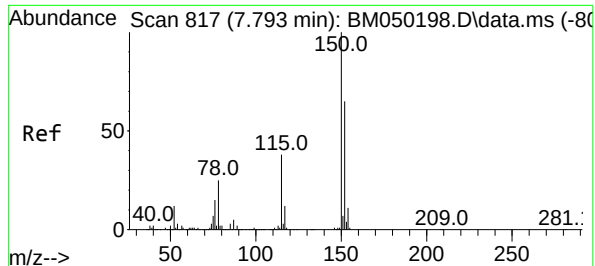
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

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

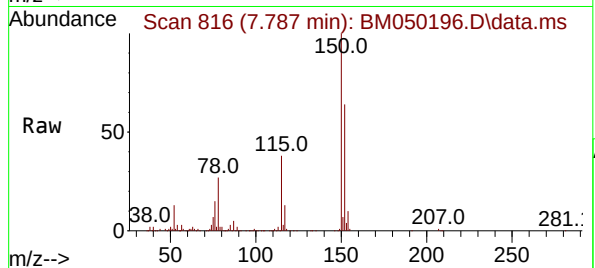
Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#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

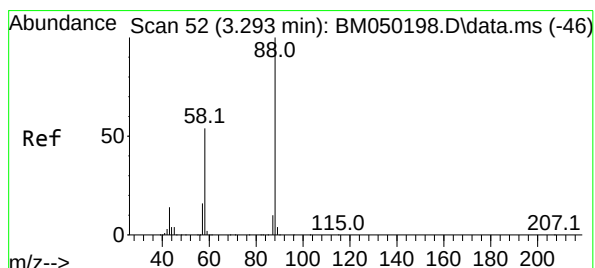
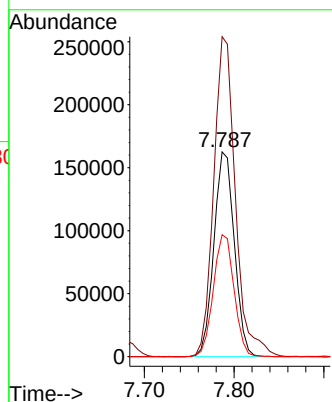
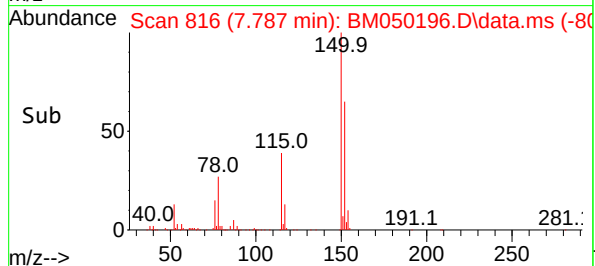
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

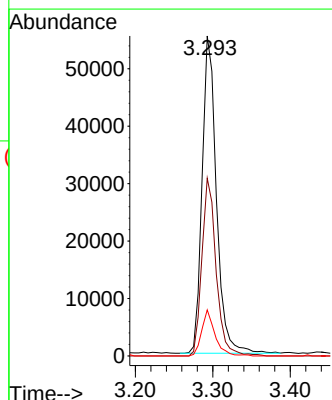
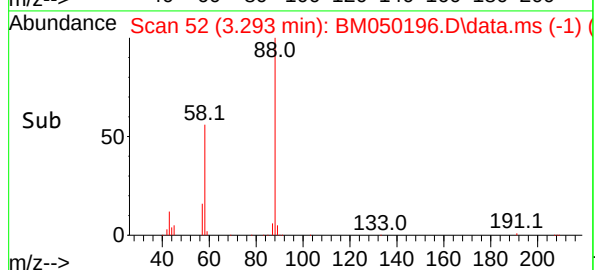
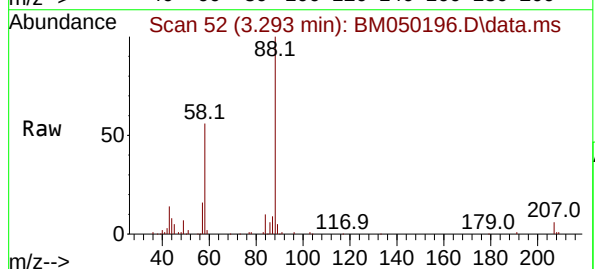
Manual Integrations
APPROVED

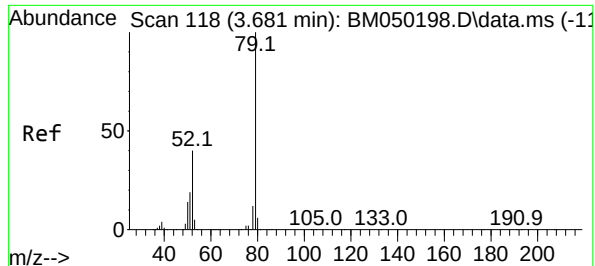
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

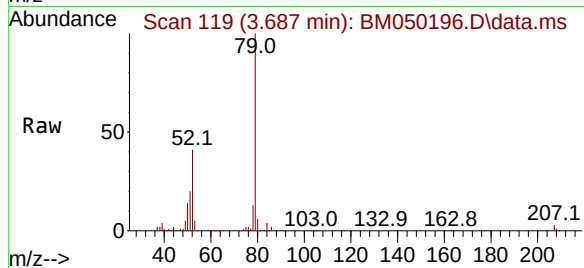
Tgt Ion: 88 Resp: 71029
Ion Ratio Lower Upper
88 100
58 55.7 42.9 64.3
43 13.5 11.0 16.6





#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

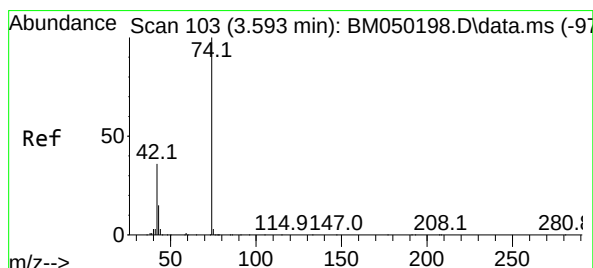
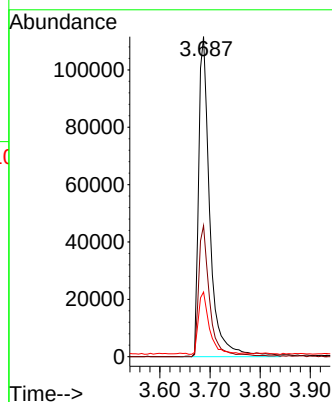
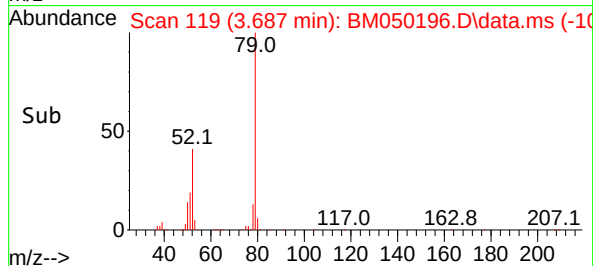
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

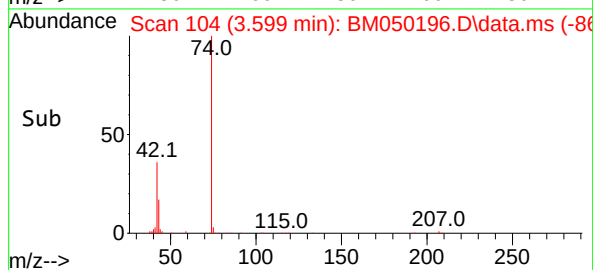
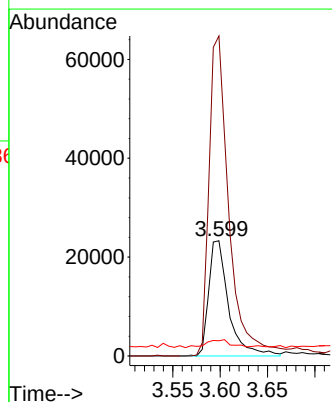
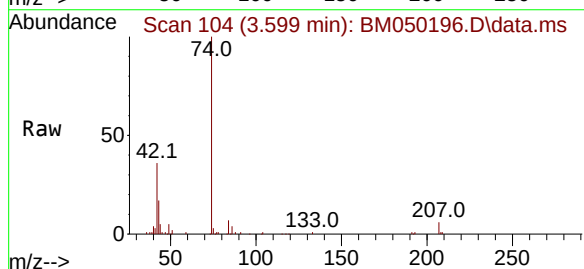
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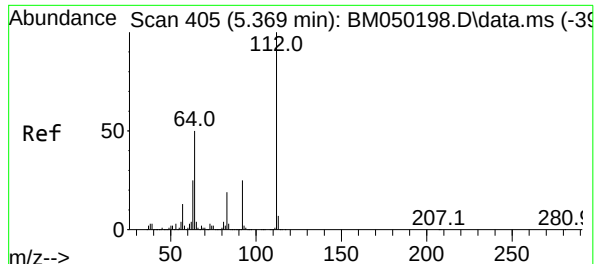
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

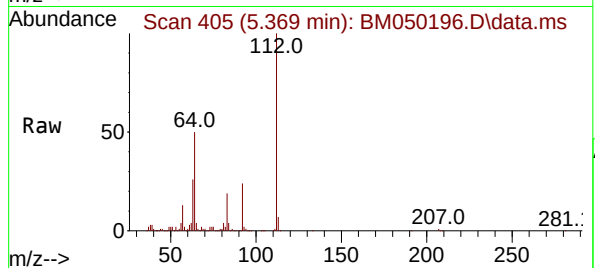
Tgt Ion: 42 Resp: 34098
Ion Ratio Lower Upper
42 100
74 277.9 222.0 333.0
44 13.2 7.0 10.6





#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

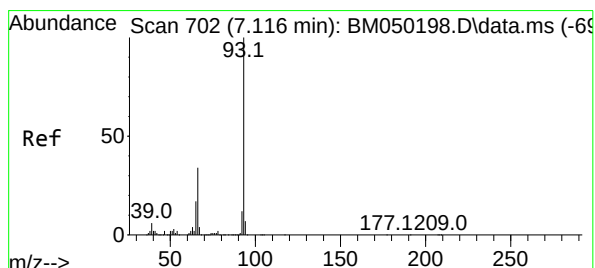
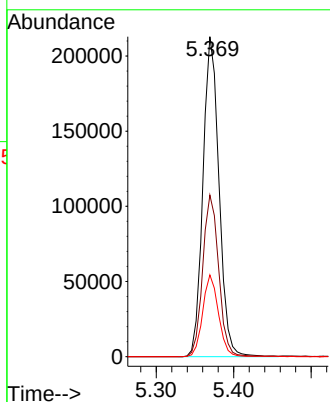
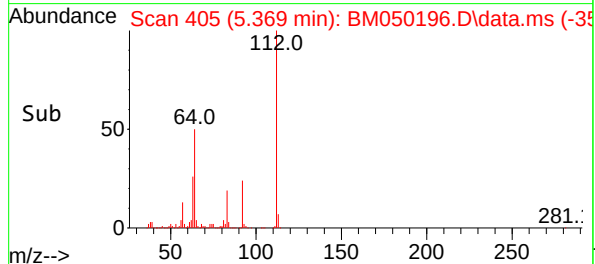
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

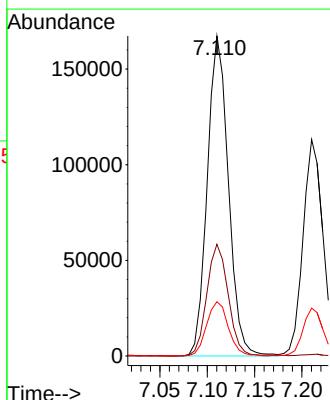
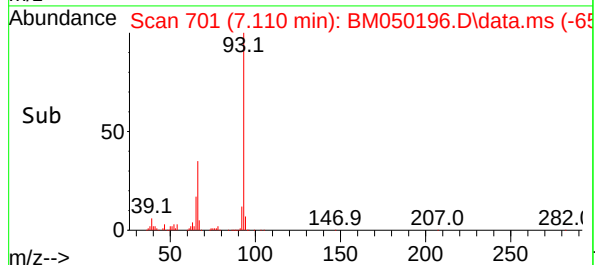
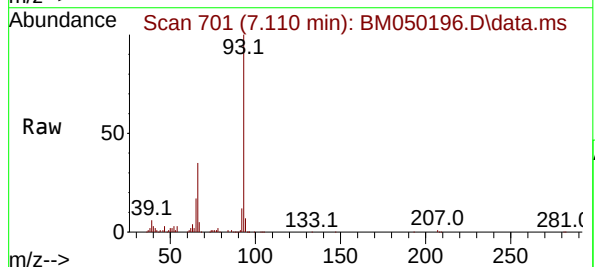
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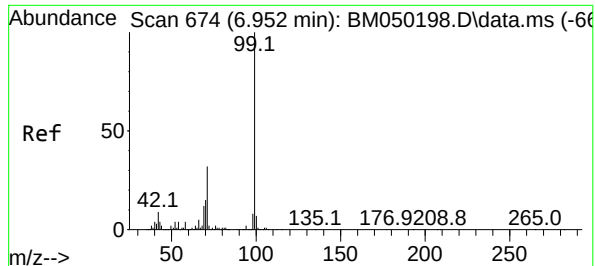
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

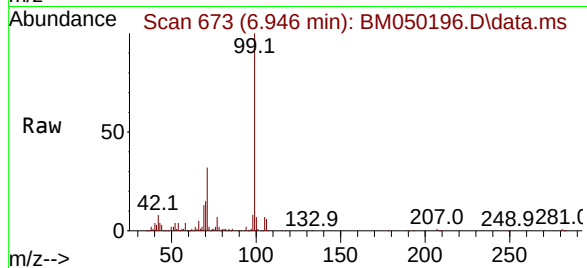
Tgt Ion: 93 Resp: 259330
Ion Ratio Lower Upper
93 100
66 34.9 27.4 41.2
65 17.0 13.6 20.4





#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

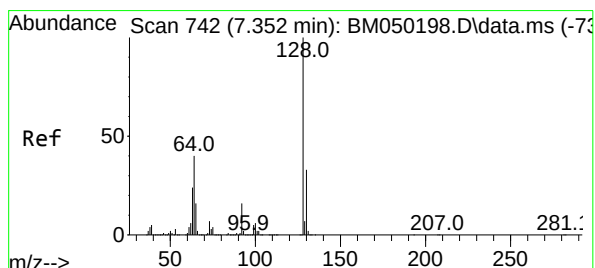
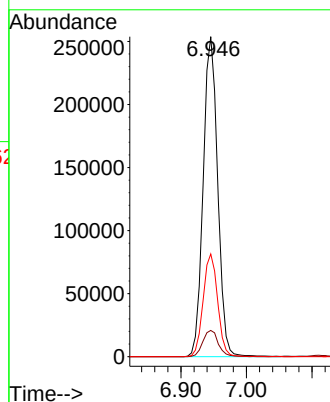
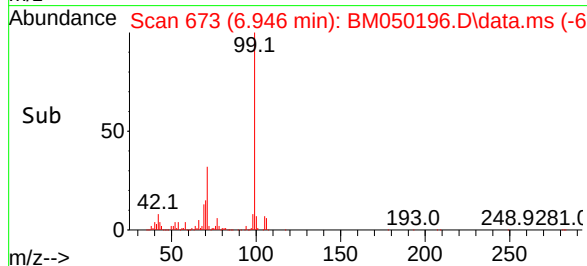
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

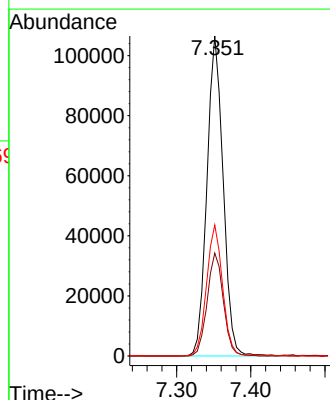
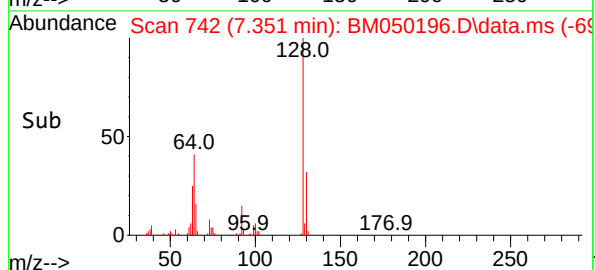
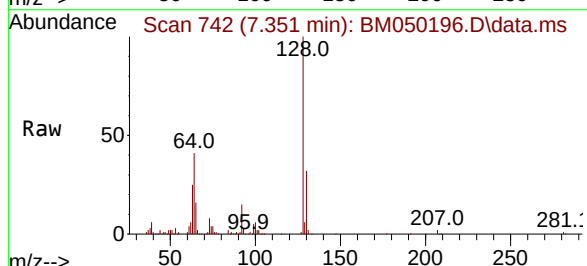
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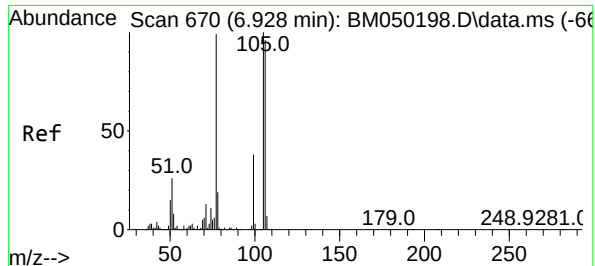
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





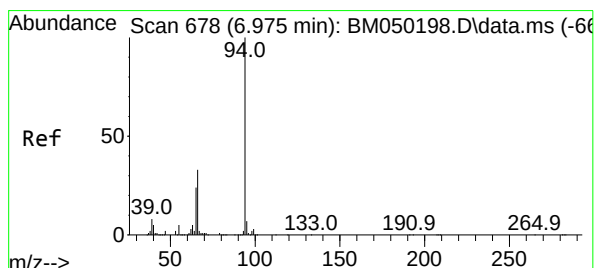
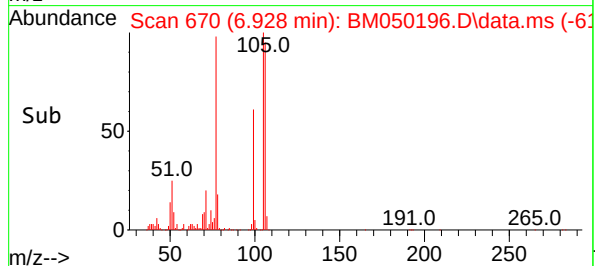
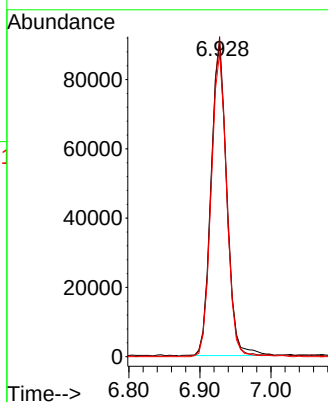
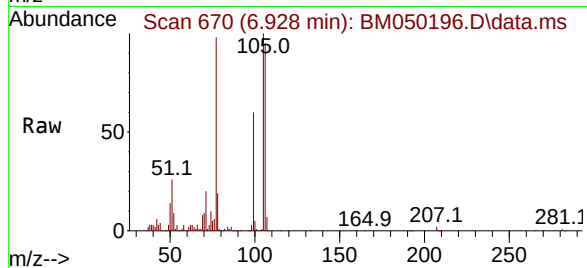
#9
Benzaldehyde
Concen: 10.767 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

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

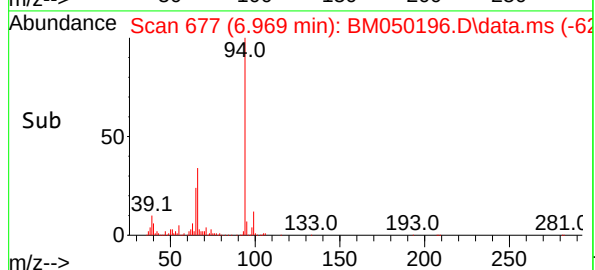
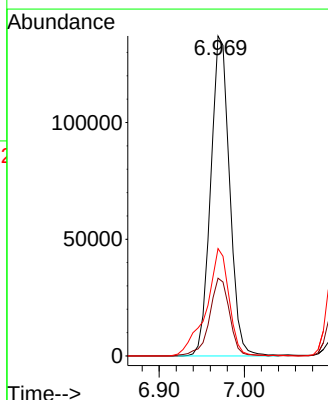
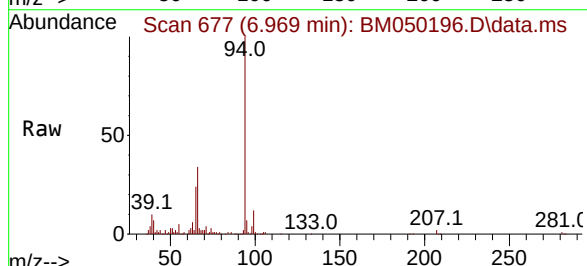
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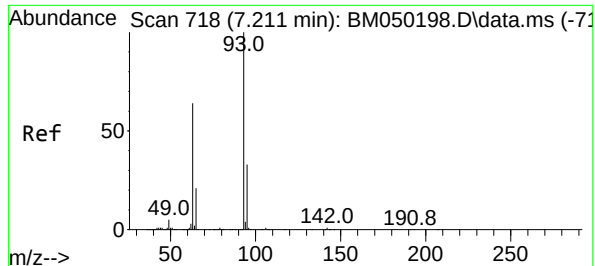
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





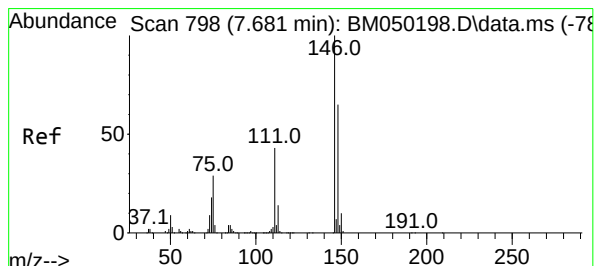
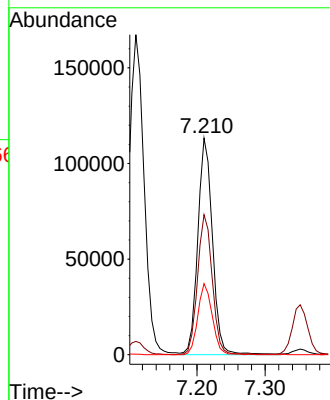
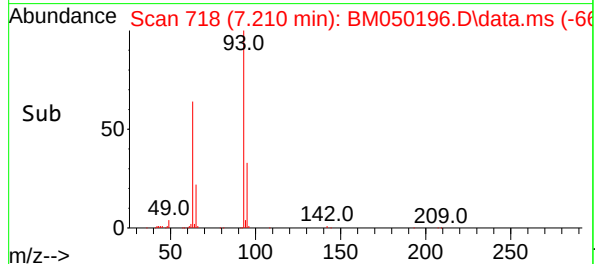
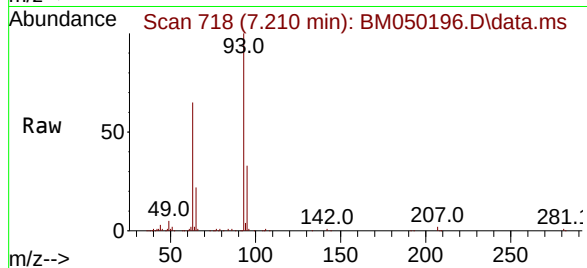
#11
bis(2-Chloroethyl)ether
Concen: 9.818 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

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

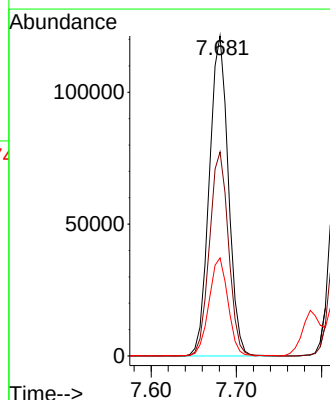
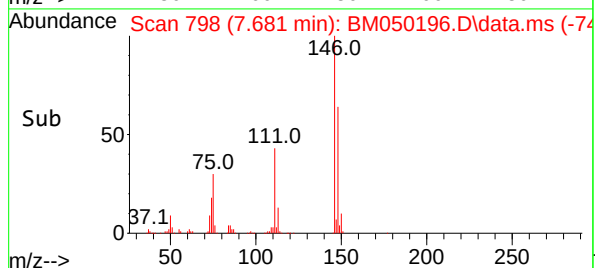
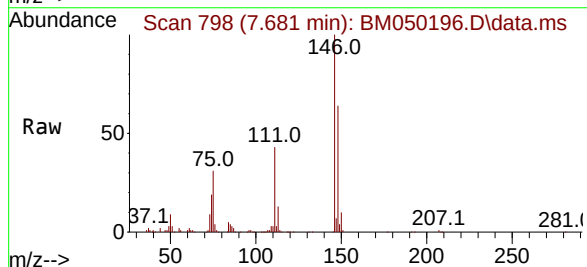
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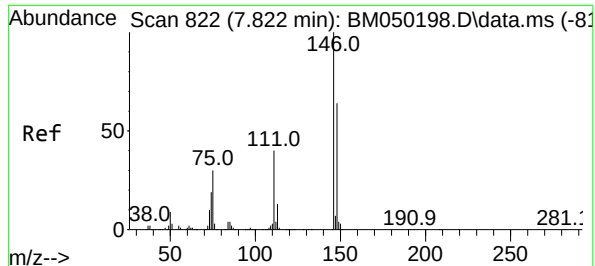
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

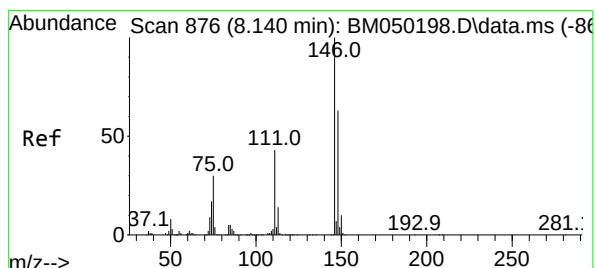
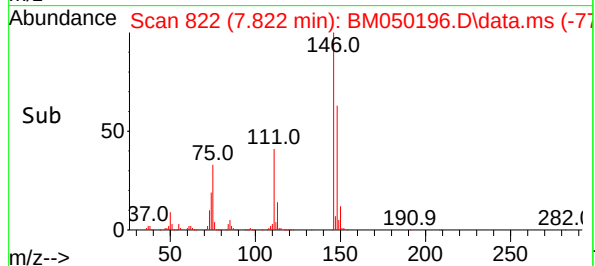
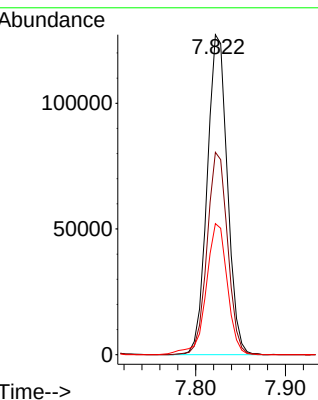
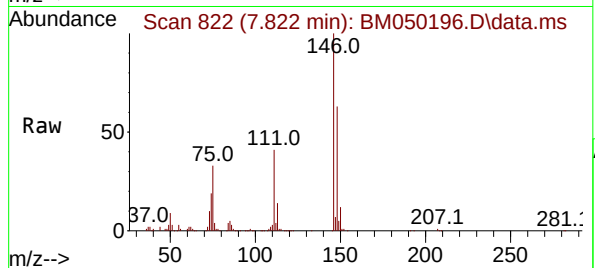
111 41.0 32.3 48.5

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

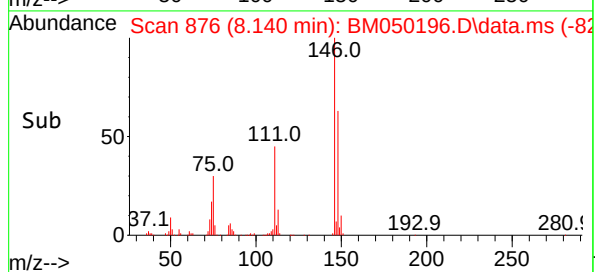
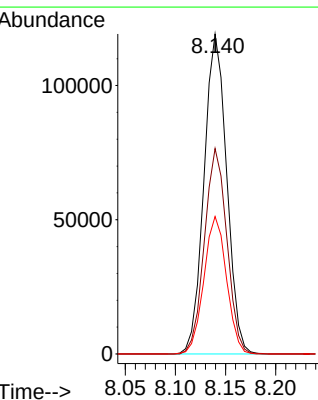
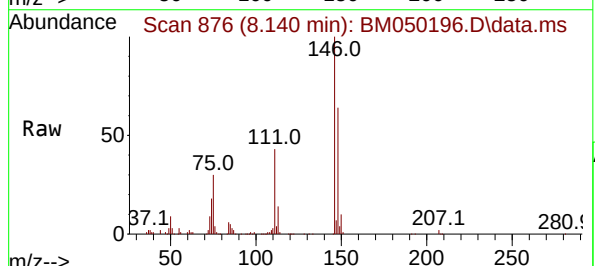
Tgt Ion:146 Resp: 187370

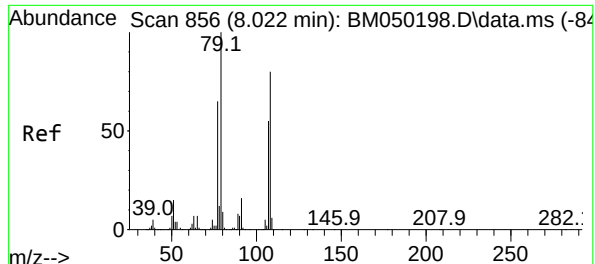
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

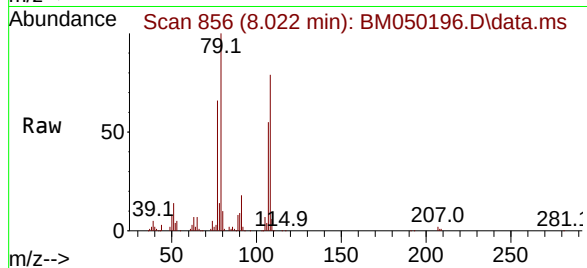
111 43.0 34.3 51.5





#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

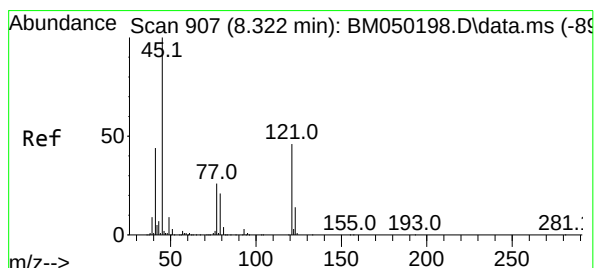
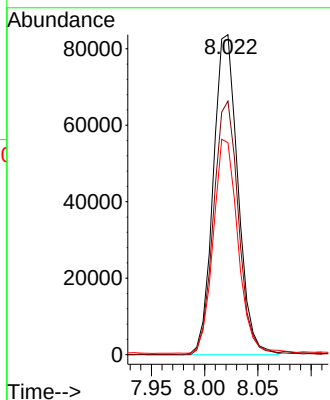
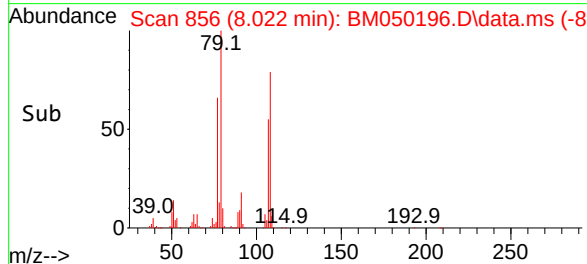
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



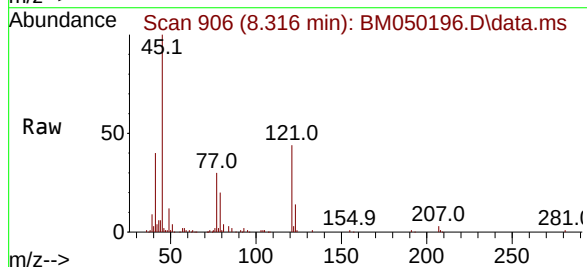
Tgt Ion: 79 Resp: 134400
Ion Ratio Lower Upper
79 100
108 79.3 64.0 96.0
77 66.3 52.2 78.2

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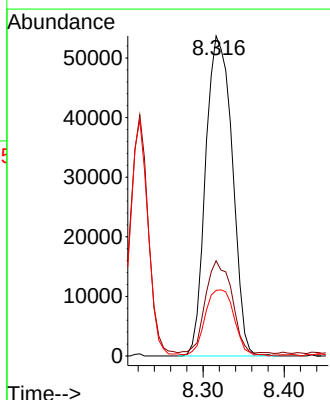
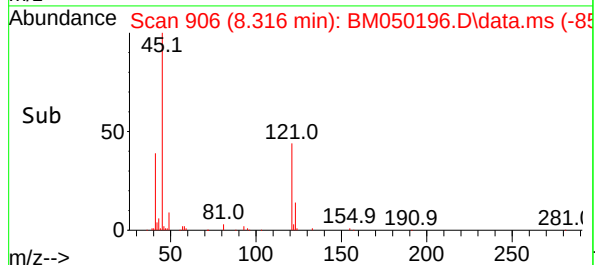
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

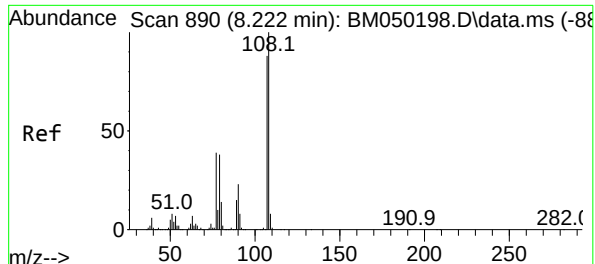


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



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

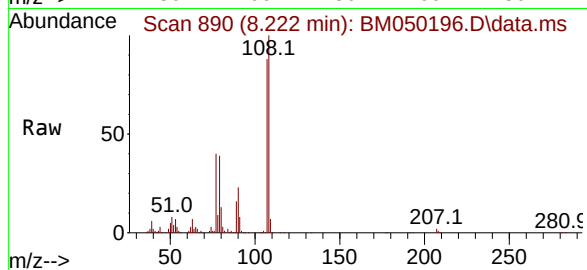
Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

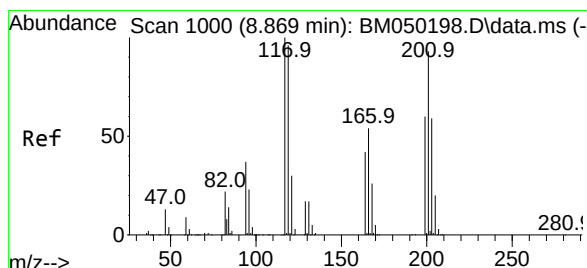
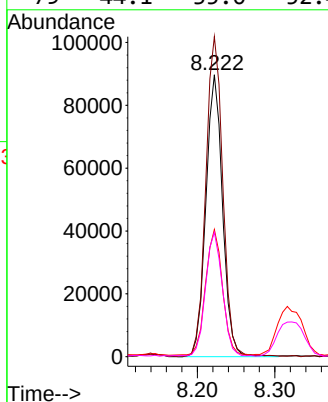
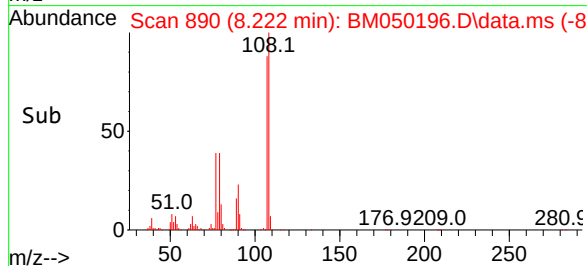


Tgt Ion:	107	Resp:	134124
Ion Ratio	Lower	Upper	
107	100		
108	113.5	90.8	136.2
77	45.1	35.7	53.5
79	44.1	35.0	52.4

Manual Integrations

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



#18

Hexachloroethane

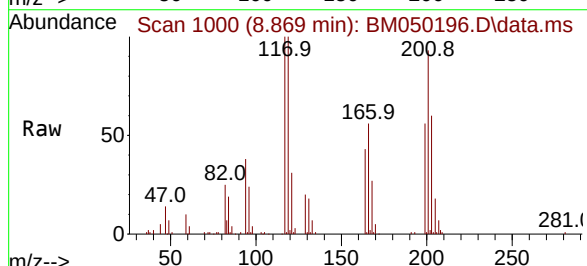
Concen: 9.800 ng

RT: 8.869 min Scan# 1000

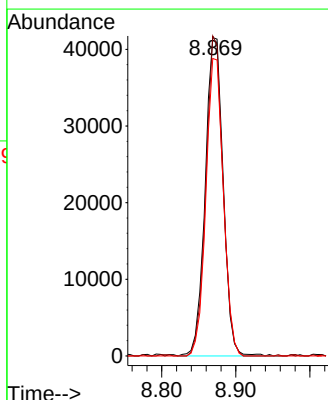
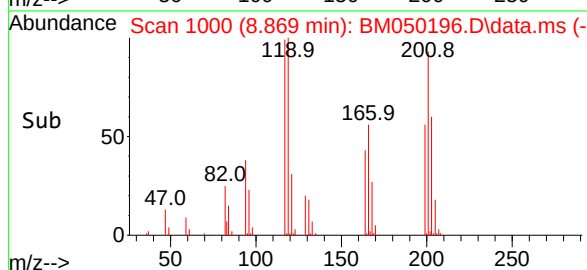
Delta R.T. -0.000 min

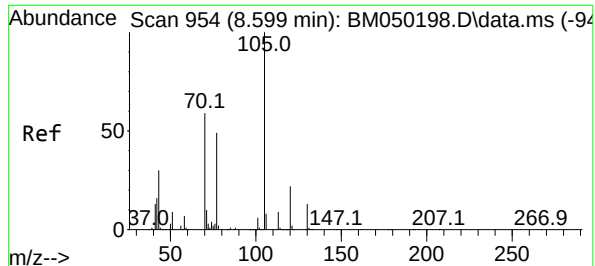
Lab File: BM050196.D

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

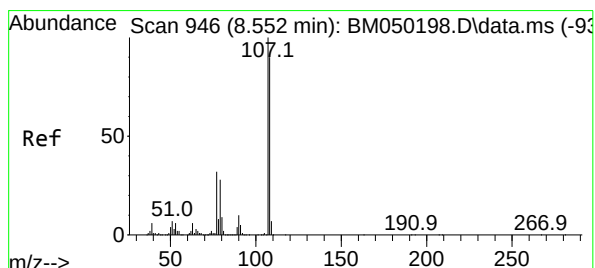
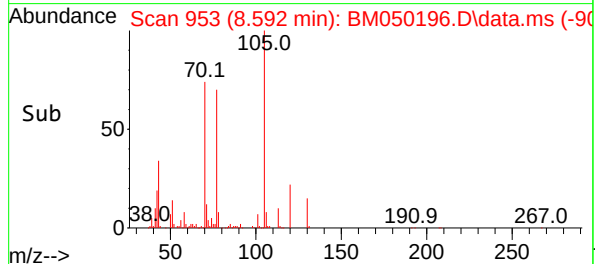
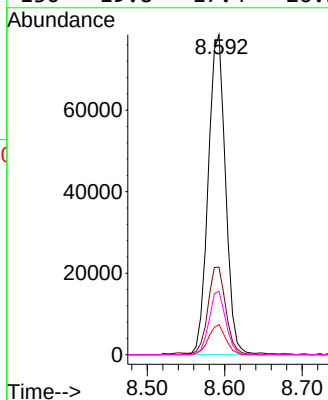
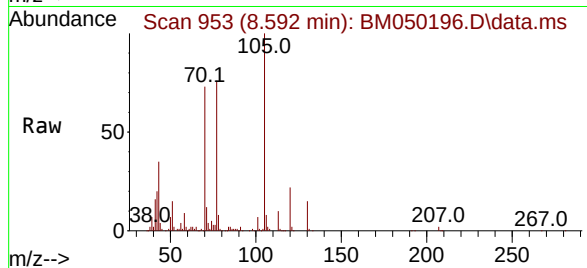
130 19.8 17.4 26.2

Manual Integrations

APPROVED

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

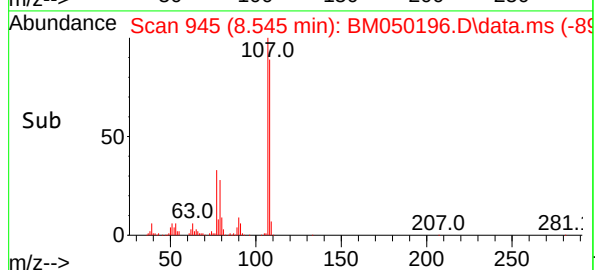
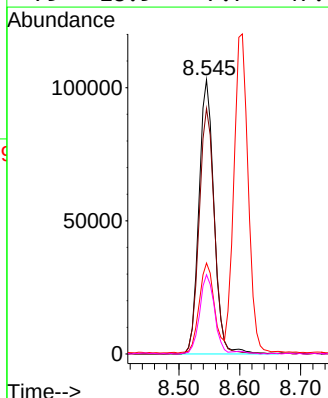
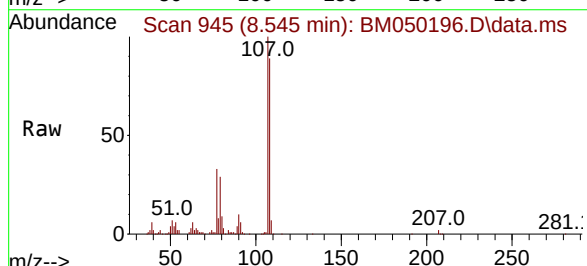
Ion Ratio Lower Upper

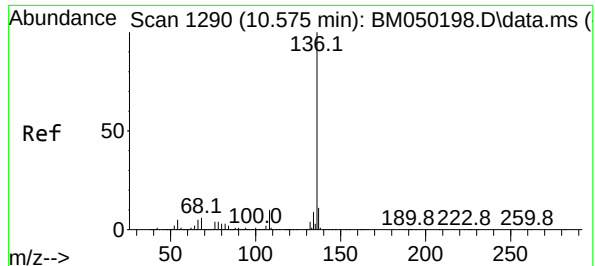
107 100

108 89.5 70.4 110.4

77 33.1 12.2 52.2

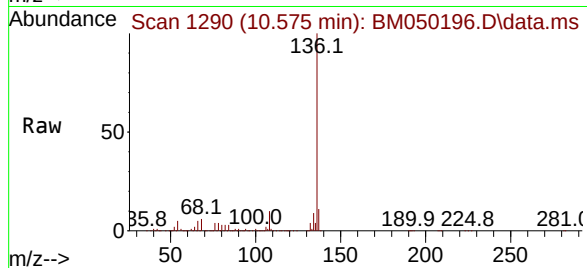
79 28.9 7.7 47.7





#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

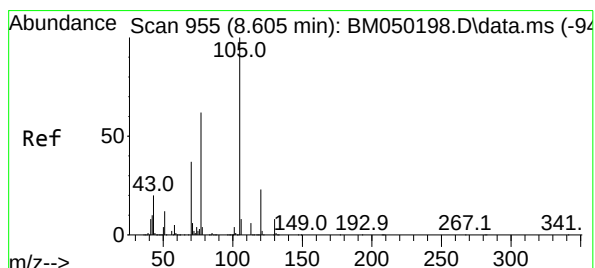
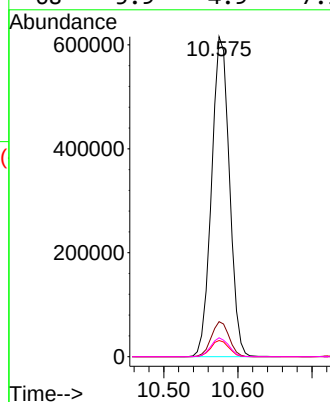
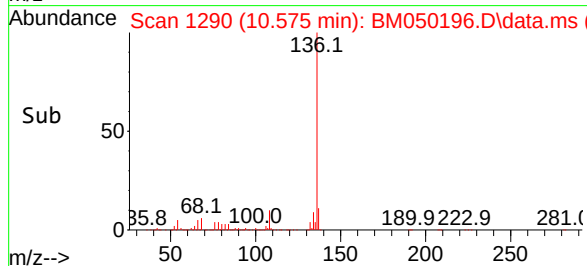
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

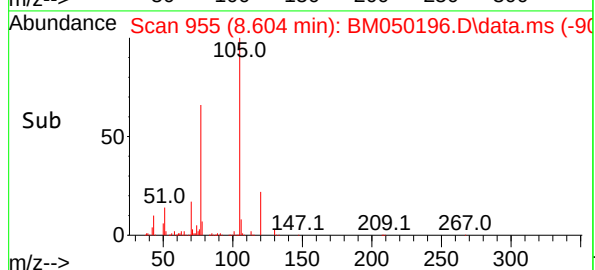
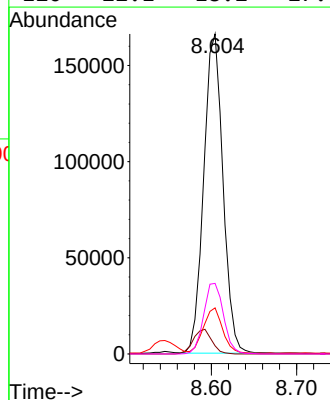
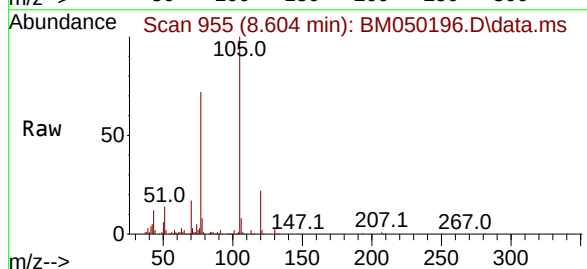
Manual Integrations
APPROVED

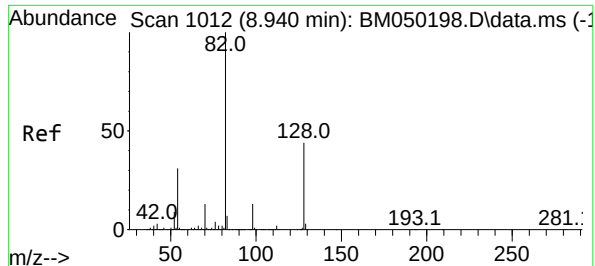
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





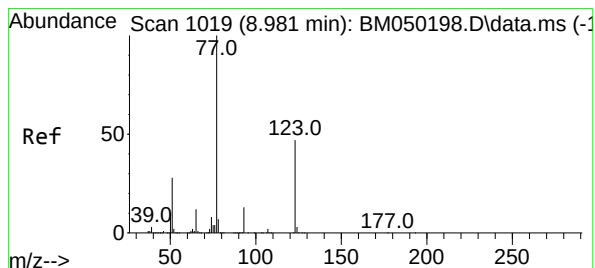
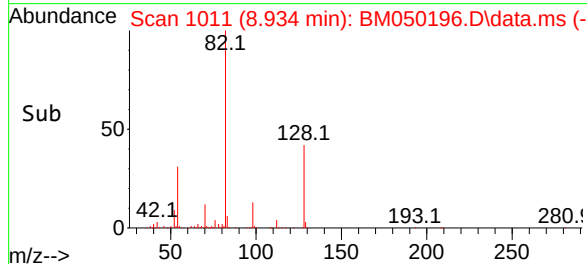
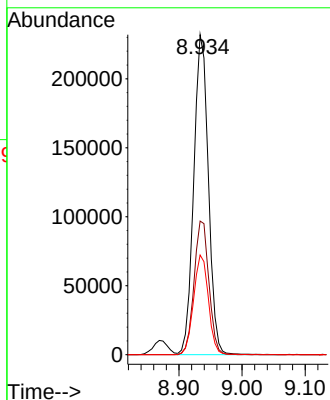
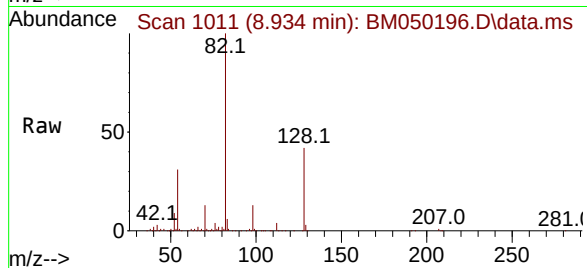
#23
Nitrobenzene-d5
Concen: 18.841 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38

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

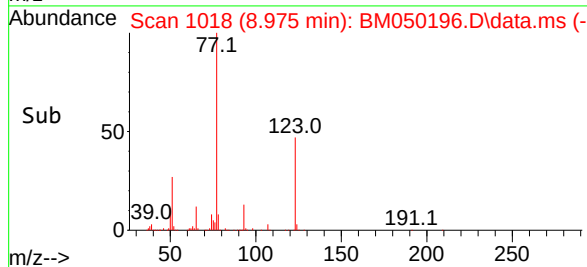
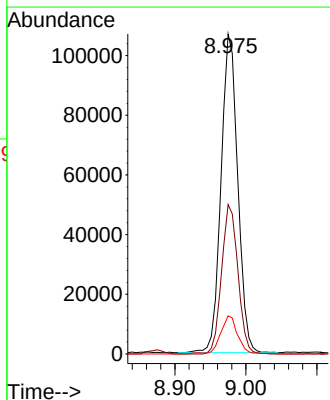
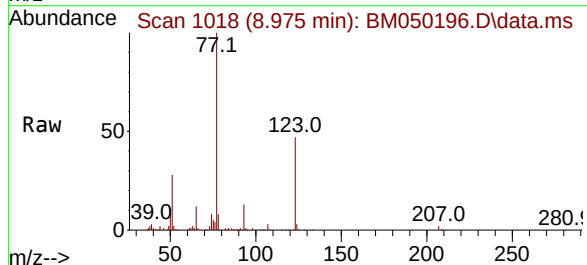
Manual Integrations
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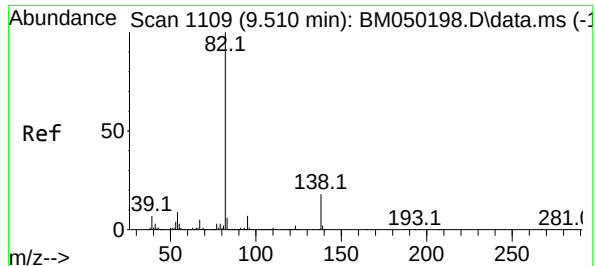
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

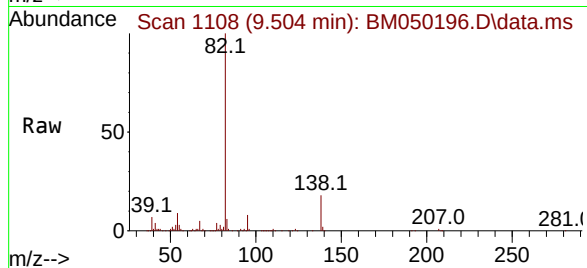
Tgt Ion: 77 Resp: 173945
Ion Ratio Lower Upper
77 100
123 46.7 38.2 57.2
65 11.9 9.5 14.3





#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

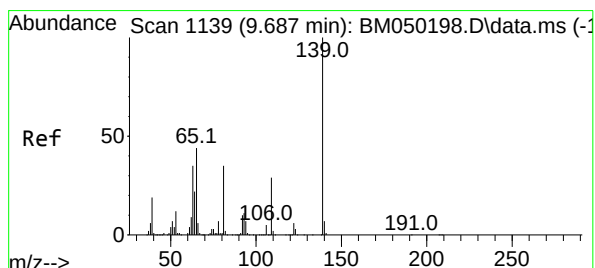
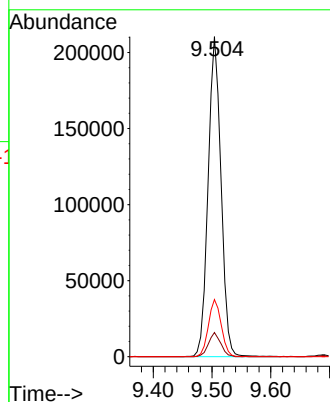
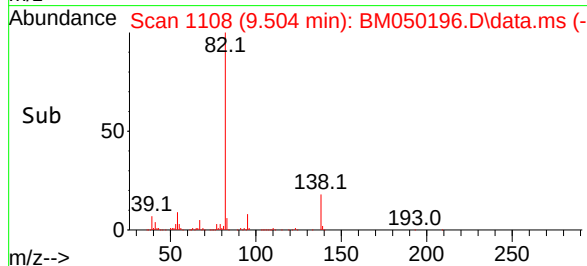
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

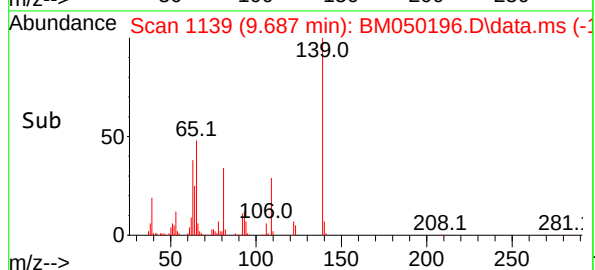
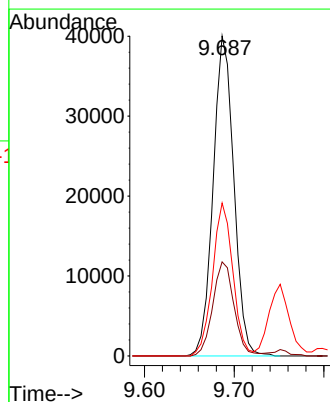
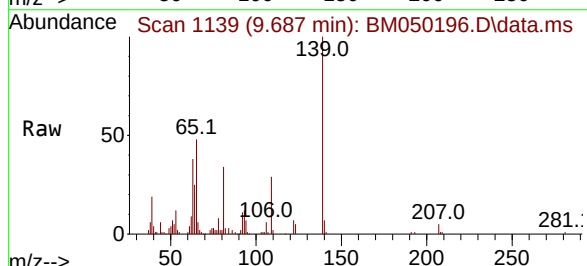
Manual Integrations
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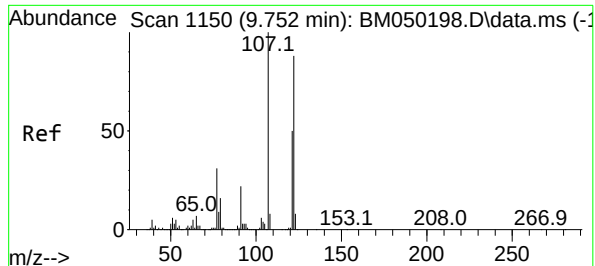
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

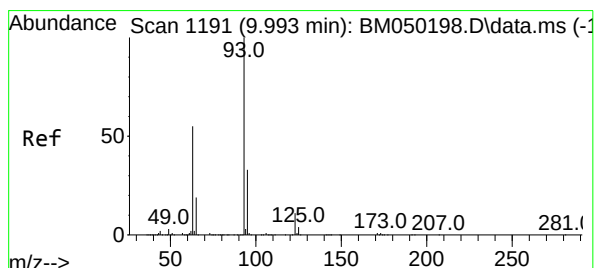
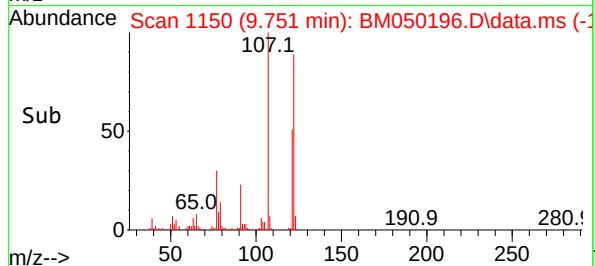
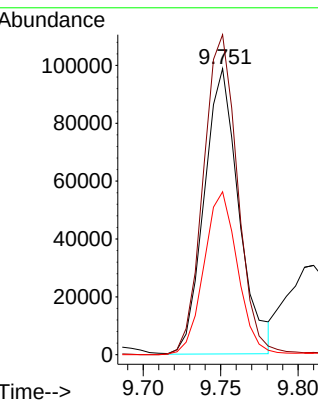
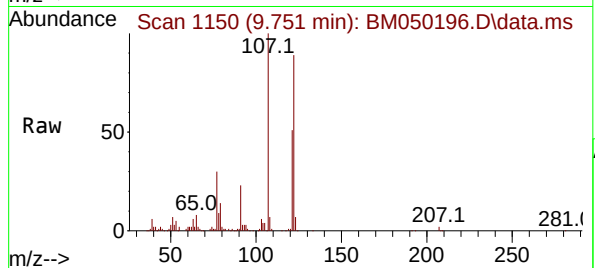
121 56.9 45.8 68.6

Manual Integrations

APPROVED

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

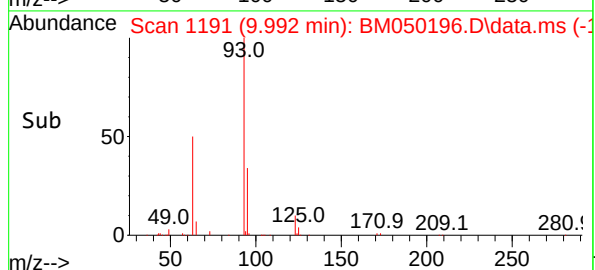
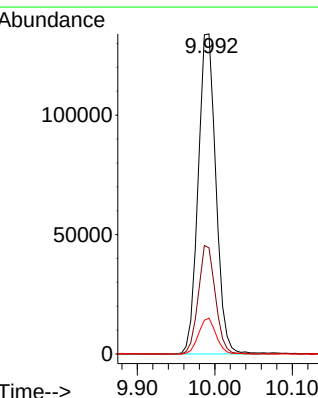
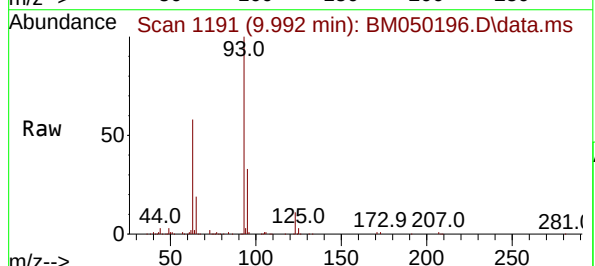
Tgt Ion: 93 Resp: 213076

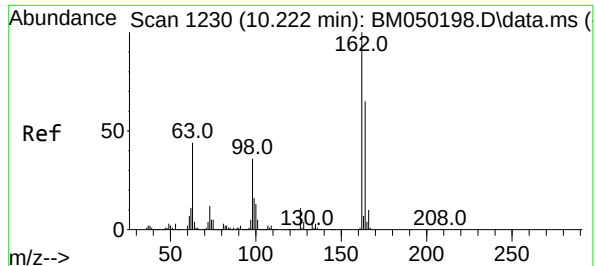
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

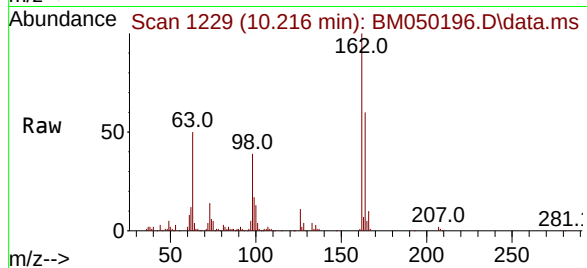
123 11.2 8.9 13.3





#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

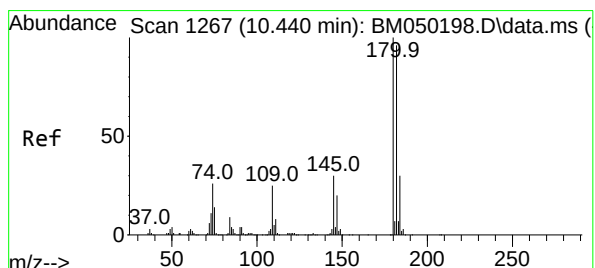
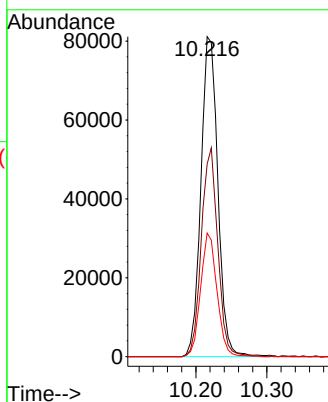
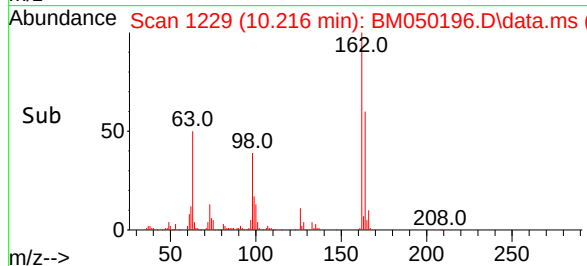
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

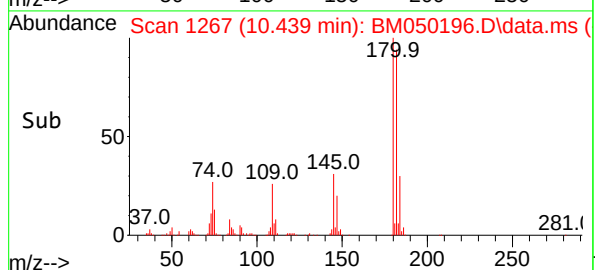
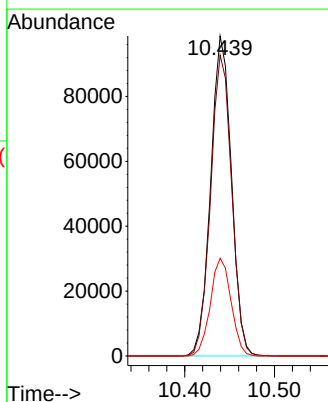
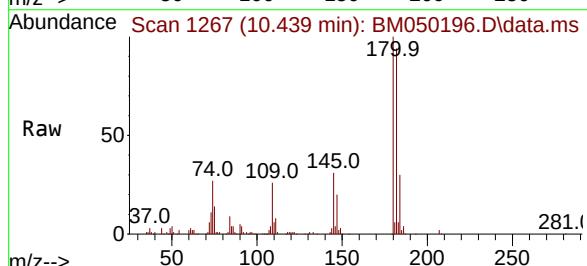
Manual Integrations
APPROVED

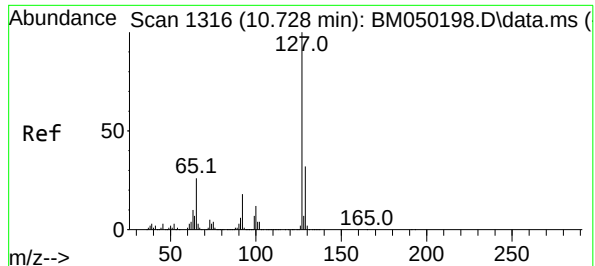
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

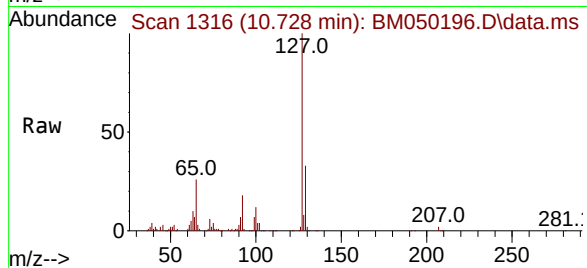
Tgt Ion:180 Resp: 158337
Ion Ratio Lower Upper
180 100
182 94.0 76.6 114.8
145 30.5 24.2 36.4





#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

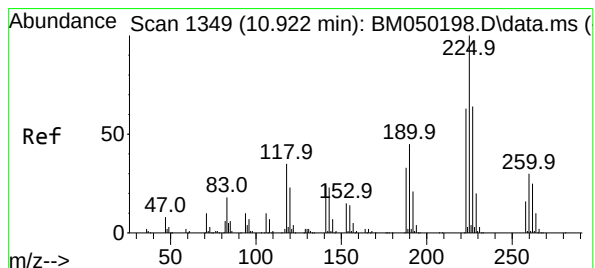
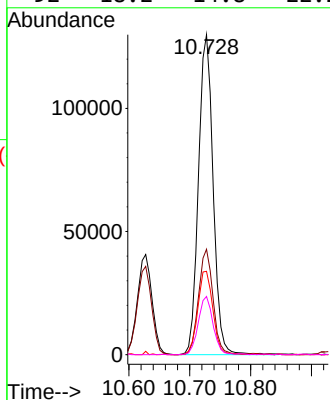
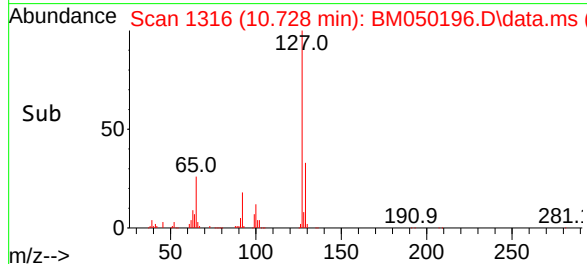
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



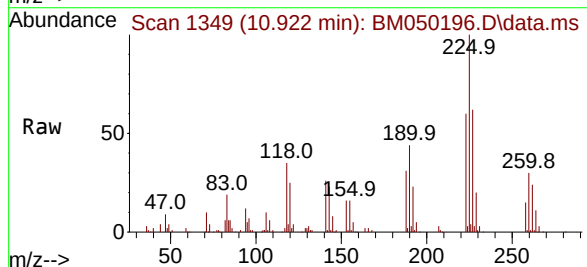
Tgt Ion:127 Resp: 218010
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.0
65 26.0 21.0 31.4
92 18.2 14.8 22.2

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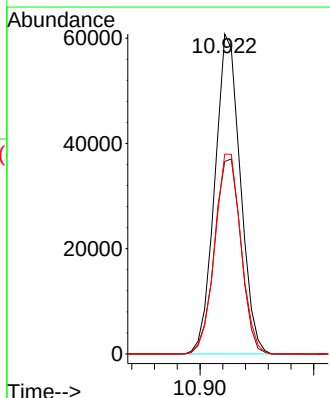
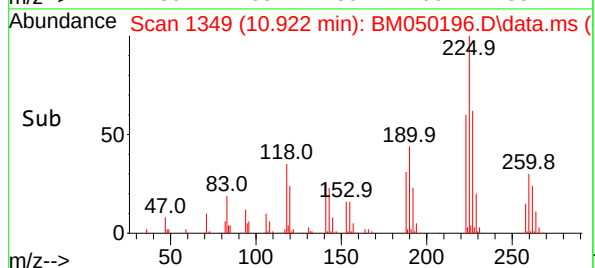
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

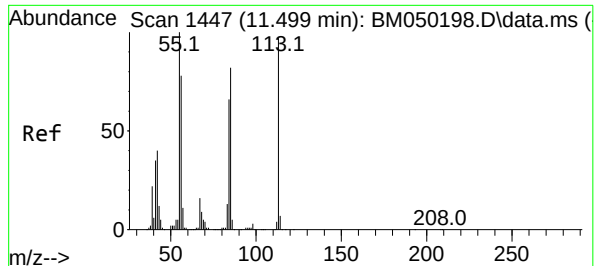


#34
Hexachlorobutadiene
Concen: 9.674 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



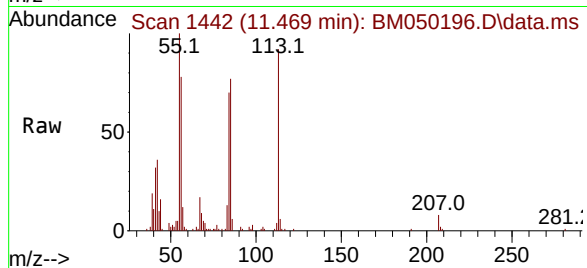
Tgt Ion:225 Resp: 94772
Ion Ratio Lower Upper
225 100
223 60.2 50.2 75.2
227 62.5 51.0 76.4





#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

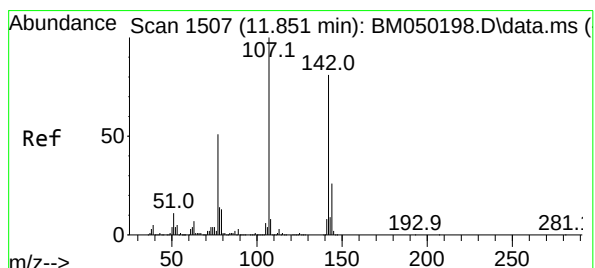
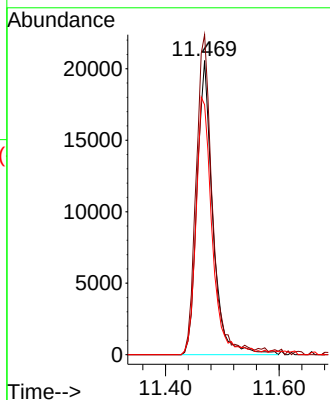
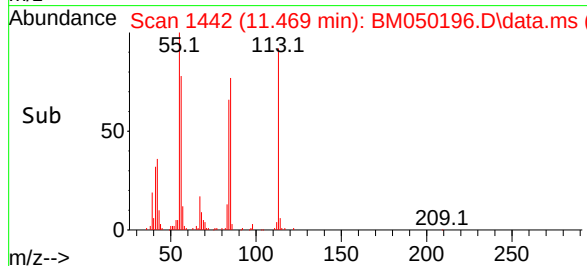
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

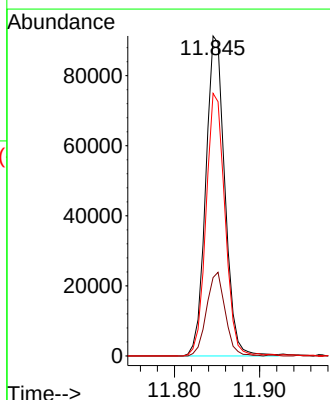
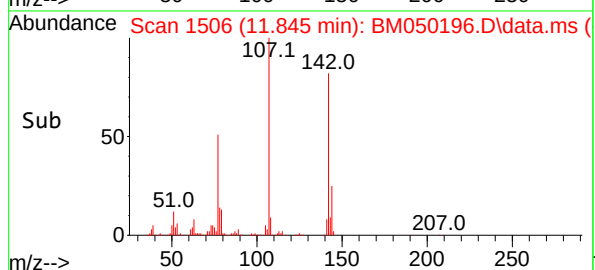
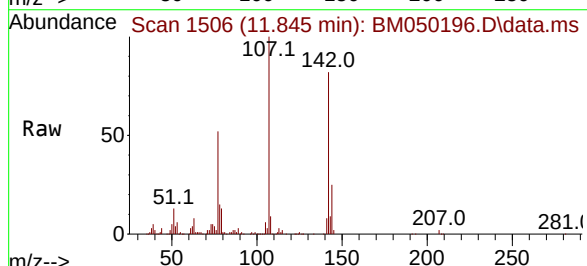
Manual Integrations
APPROVED

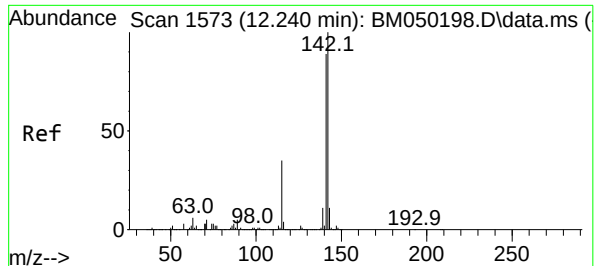
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

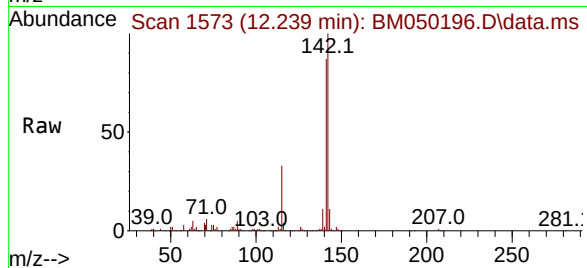
Tgt Ion:107 Resp: 142482
Ion Ratio Lower Upper
107 100
144 24.5 21.0 31.6
142 82.1 64.8 97.2





#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

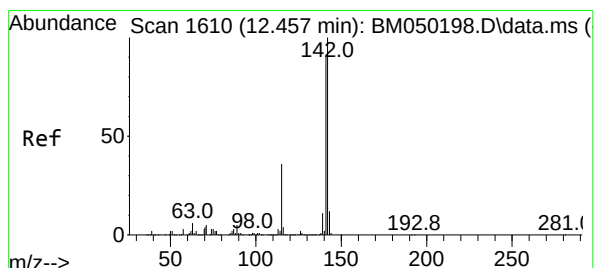
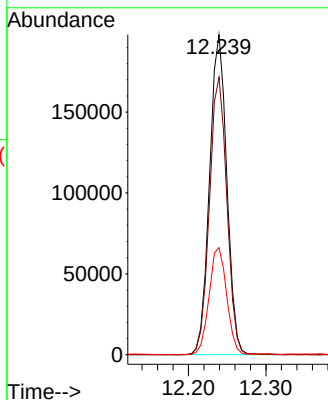
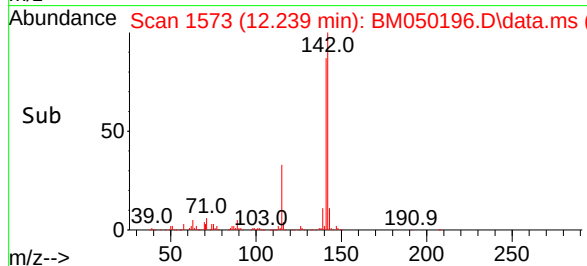
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

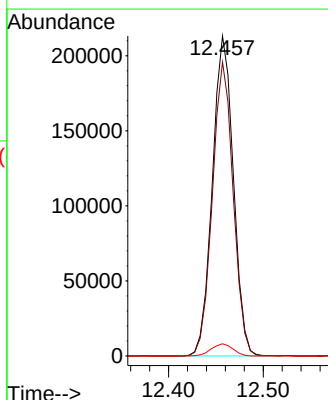
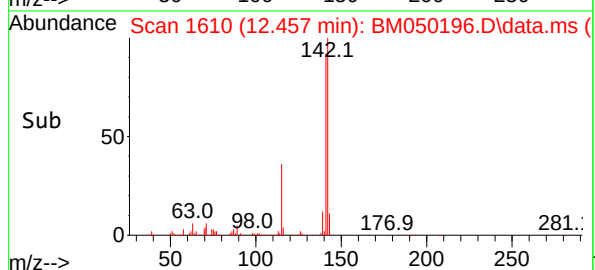
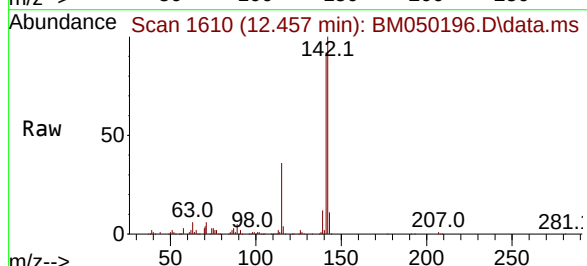
Manual Integrations
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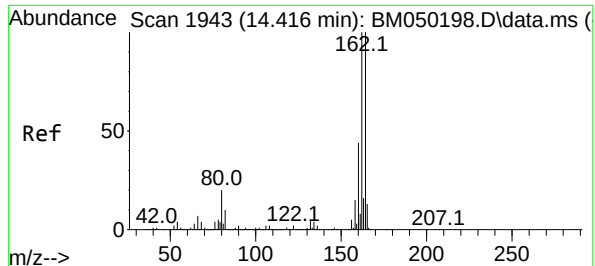
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

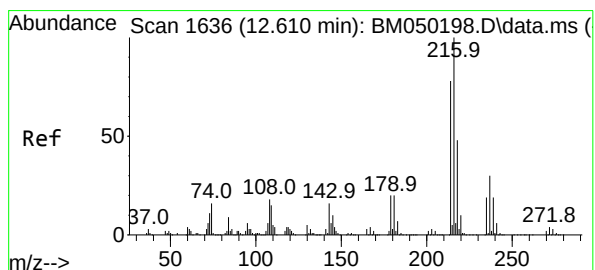
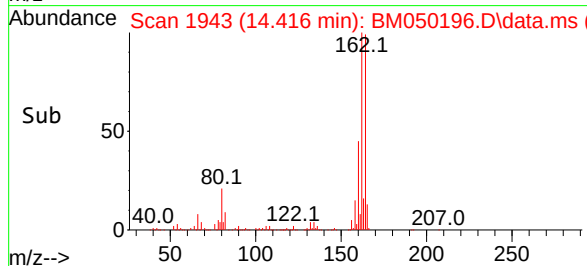
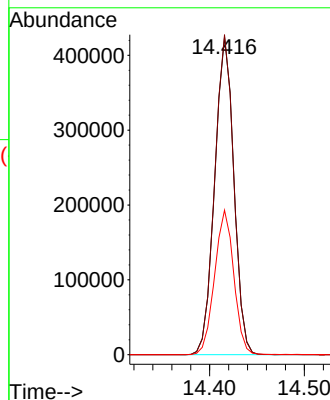
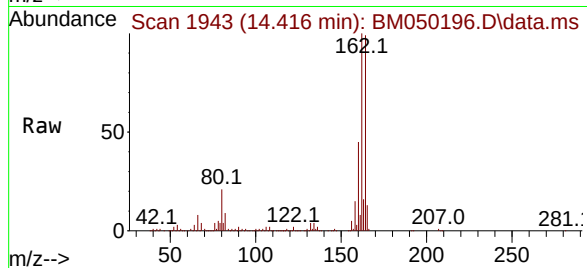
160 45.5 35.7 53.5

Manual Integrations

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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: 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

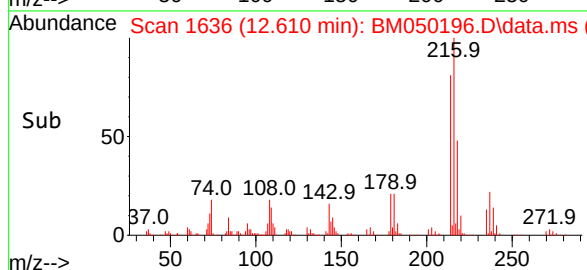
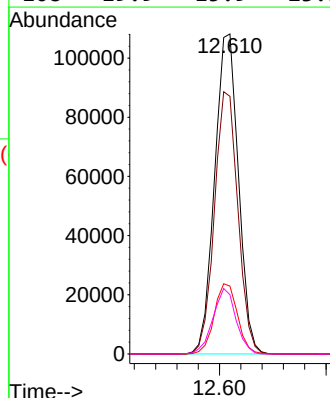
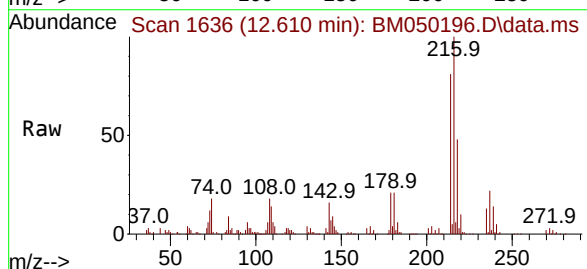
Ion Ratio Lower Upper

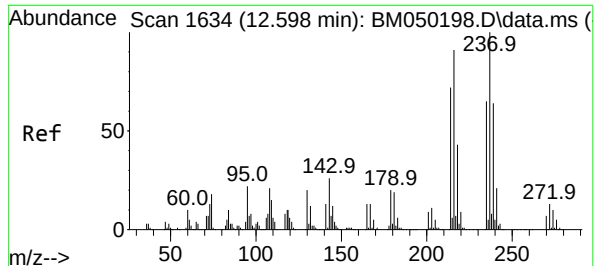
216 100

214 80.8 63.0 94.4

179 21.5 16.6 25.0

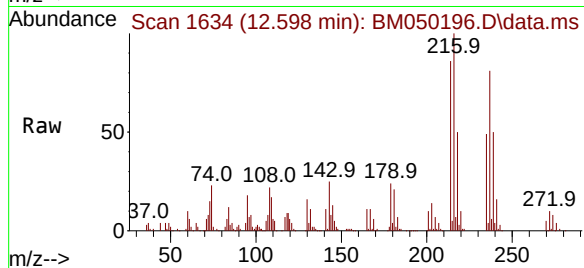
108 19.9 15.9 23.9





#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

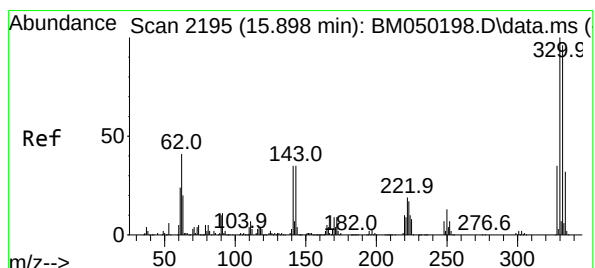
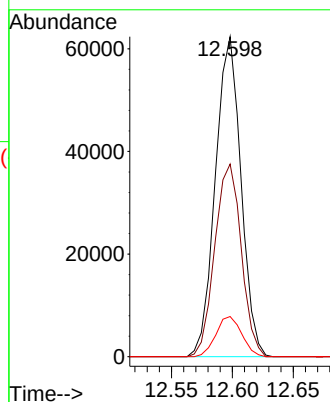
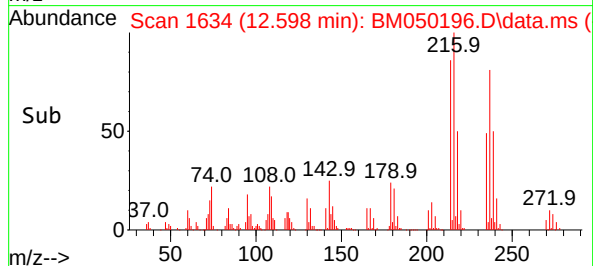
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



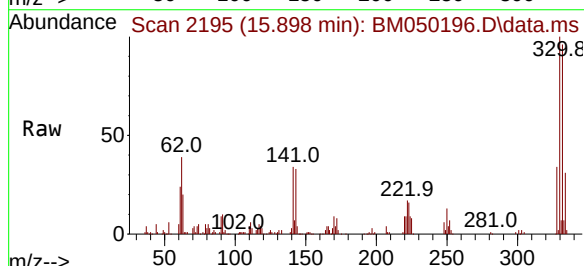
Tgt Ion: 237 Resp: 9120
Ion Ratio Lower Upper
237 100
235 60.2 44.6 84.6
272 12.6 0.0 33.1

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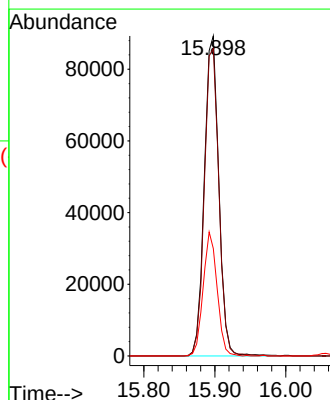
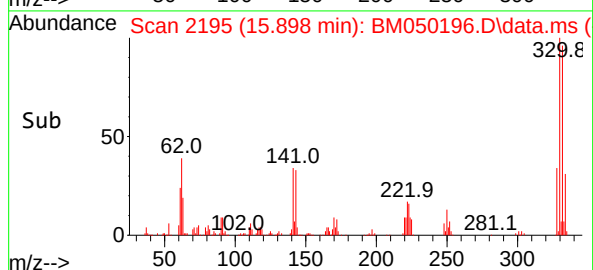
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

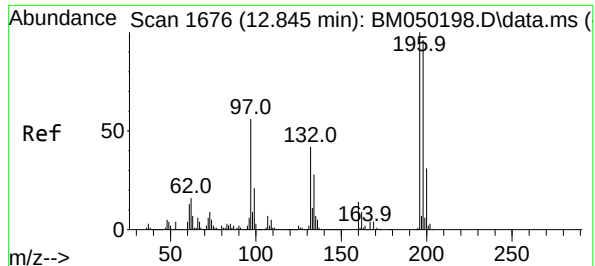


#42
2,4,6-Tribromophenol
Concen: 18.693 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



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# 1

Delta R.T. -0.000 min

Lab File: BM050196.D

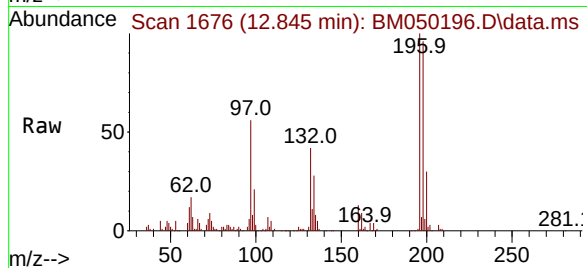
Acq: 05 Jun 2025 10:38

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 103550

Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

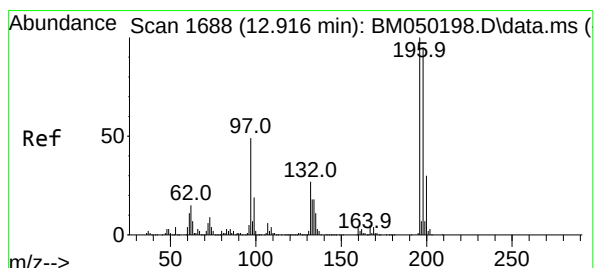
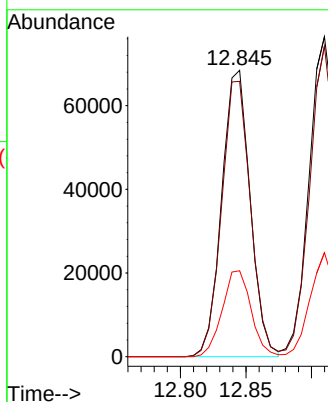
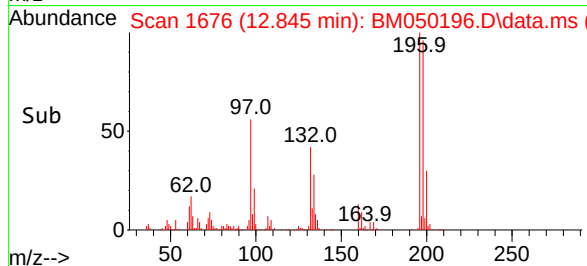
200 30.0 24.5 36.7

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

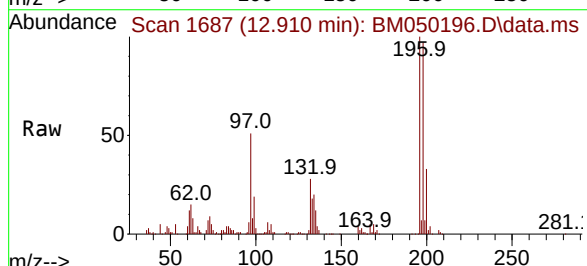
Concen: 9.149 ng

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

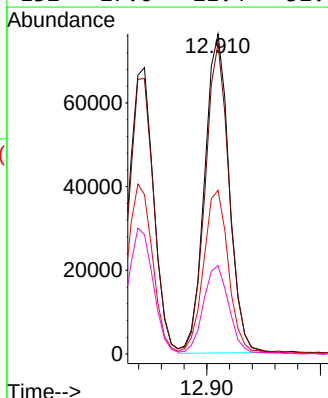
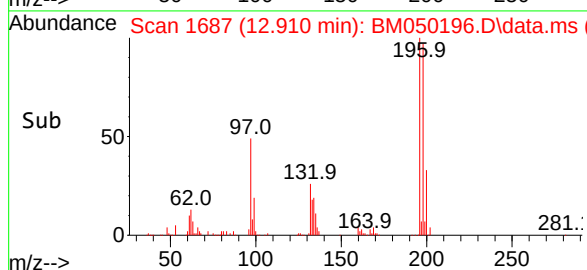
Ion Ratio Lower Upper

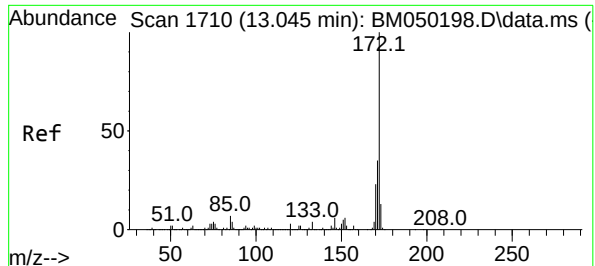
196 100

198 97.1 76.1 114.1

97 51.1 39.3 58.9

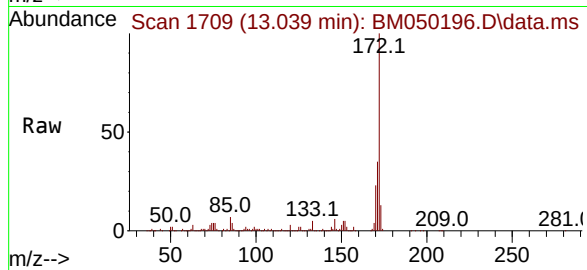
132 27.6 21.4 32.0





#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

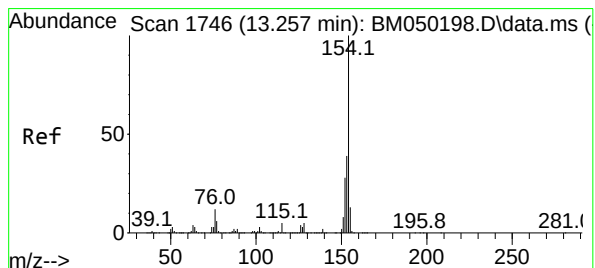
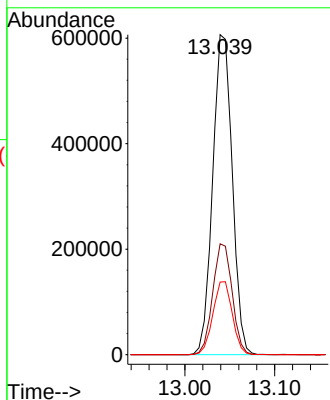
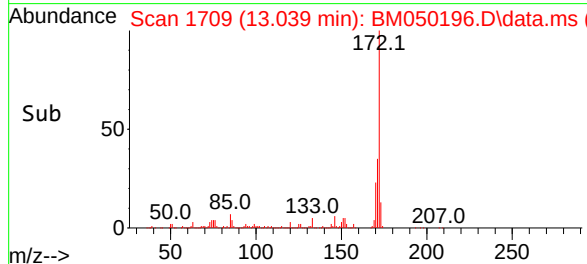
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

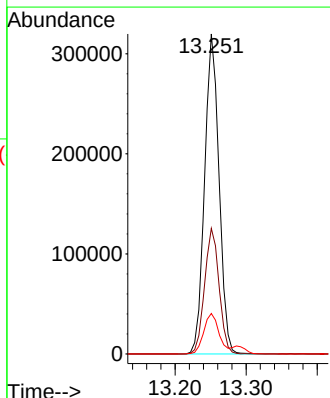
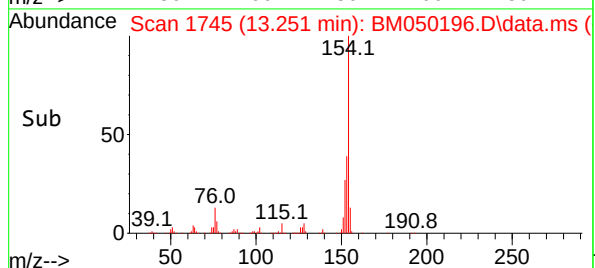
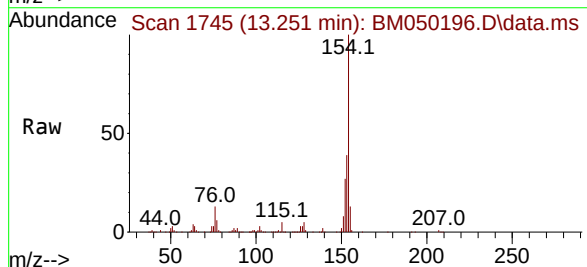
Manual Integrations
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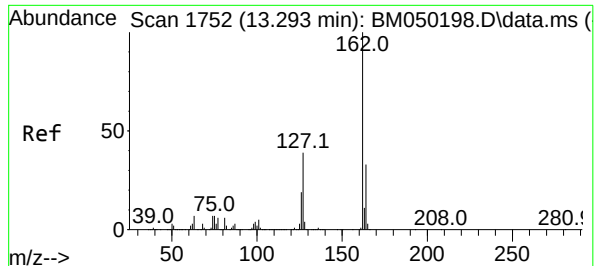
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

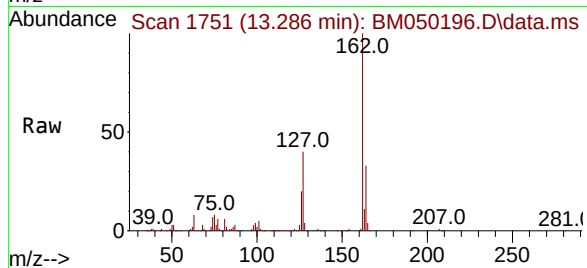
Tgt Ion:154 Resp: 452133
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 12.6 0.0 32.0





#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

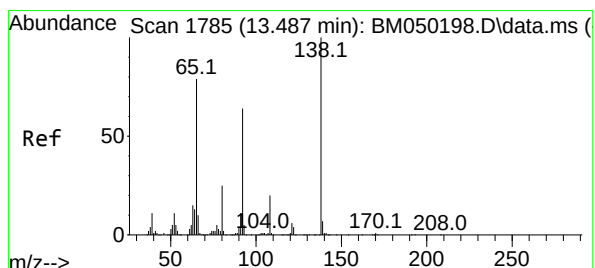
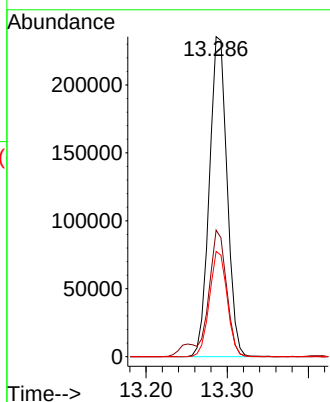
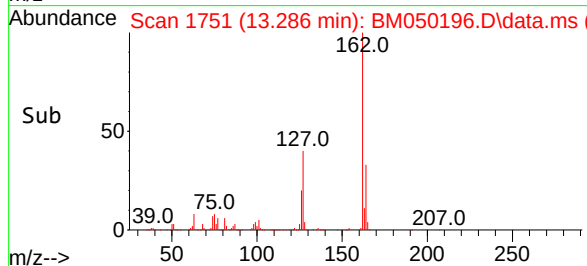
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

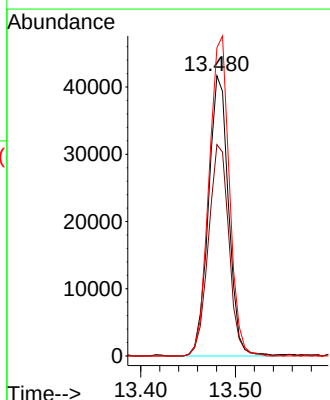
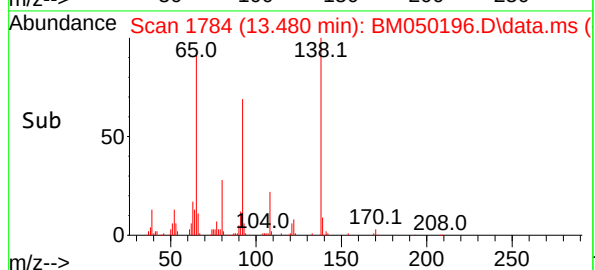
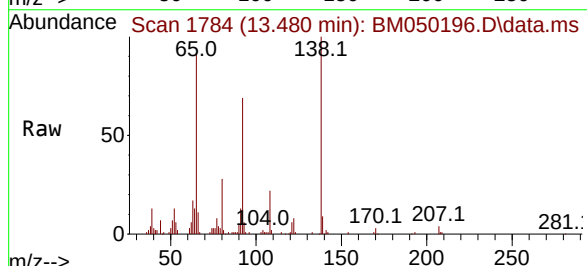
Manual Integrations
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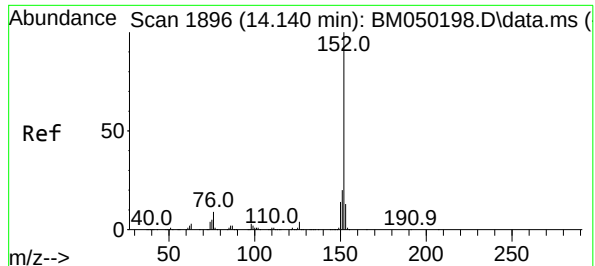
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

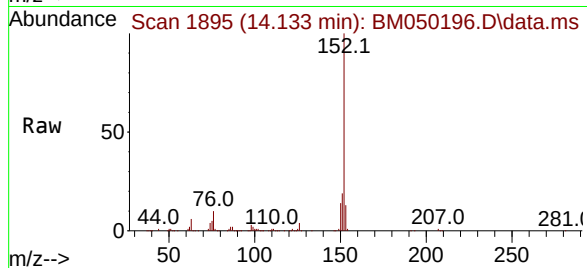
Tgt Ion: 65 Resp: 61491
Ion Ratio Lower Upper
65 100
92 75.4 64.2 96.4
138 110.0 101.0 151.4





#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

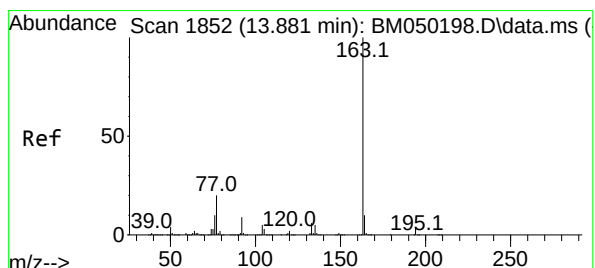
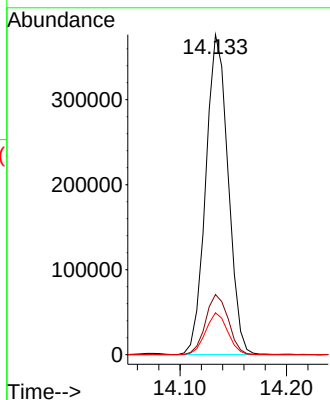
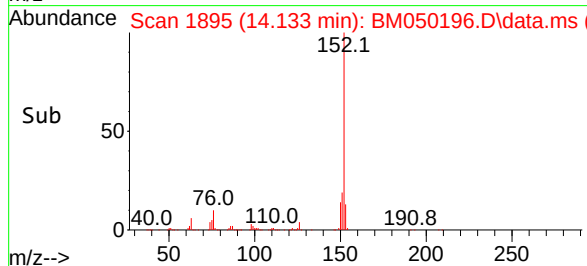
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

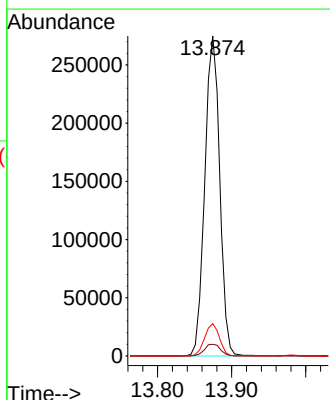
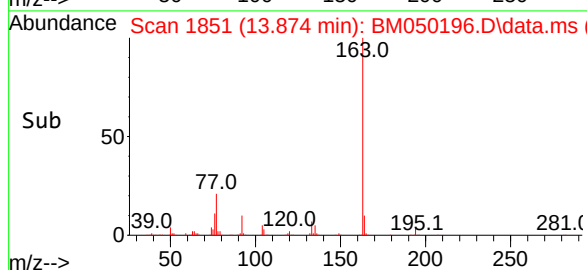
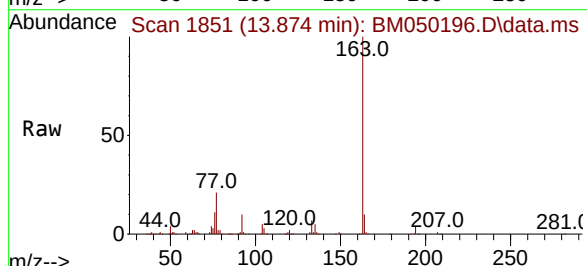
Manual Integrations
APPROVED

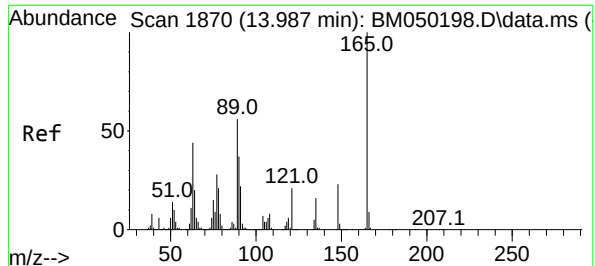
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

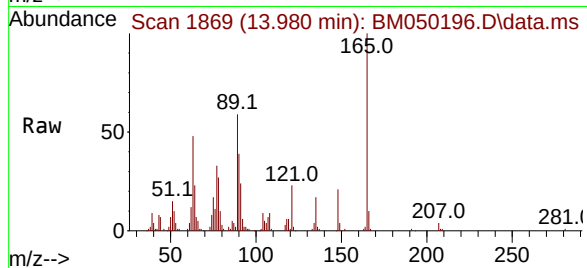
Tgt Ion:163 Resp: 384143
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 7.9 11.9





#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

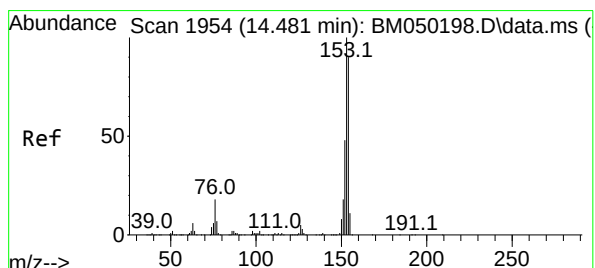
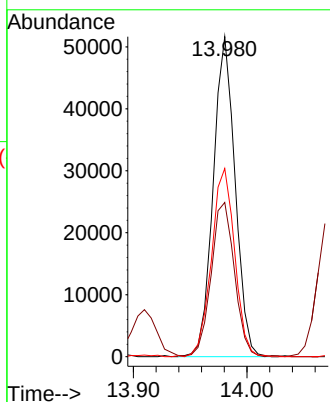
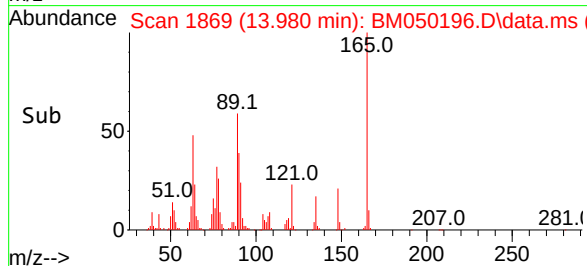
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 69112
Ion Ratio Lower Upper
165 100
63 48.2 35.8 53.6
89 58.8 44.8 67.2

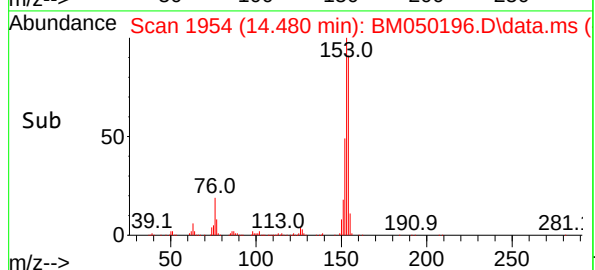
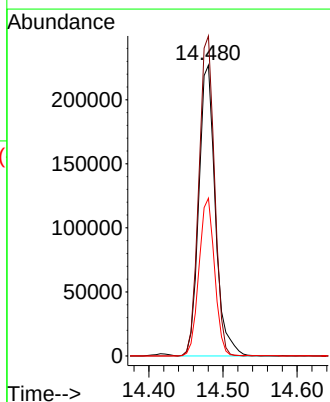
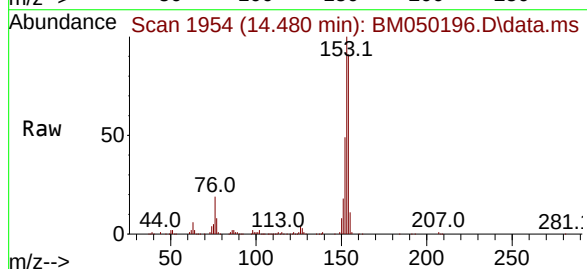
Manual Integrations
APPROVED

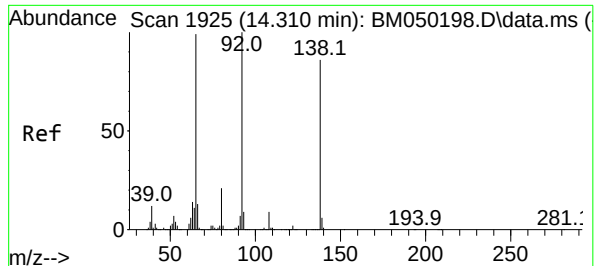
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

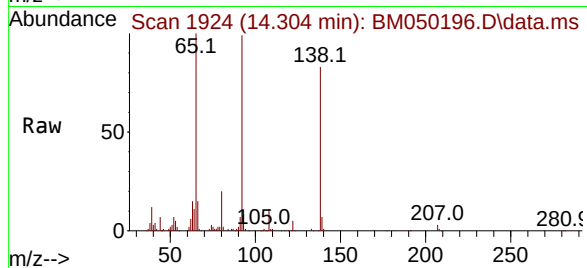
Tgt Ion:154 Resp: 351485
Ion Ratio Lower Upper
154 100
153 110.1 88.7 133.1
152 54.3 42.6 63.8





#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

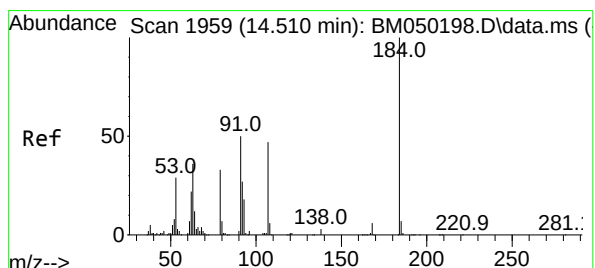
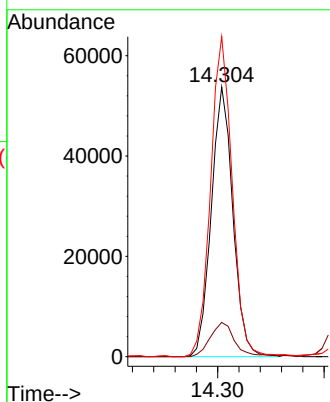
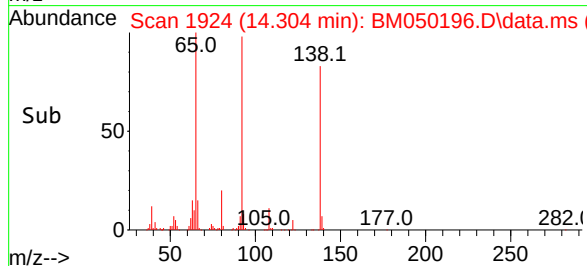
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

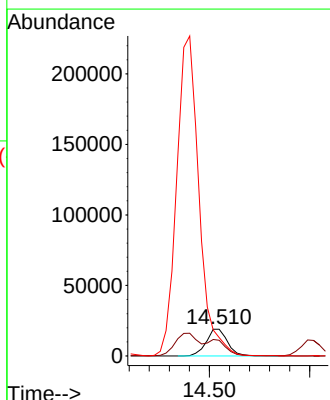
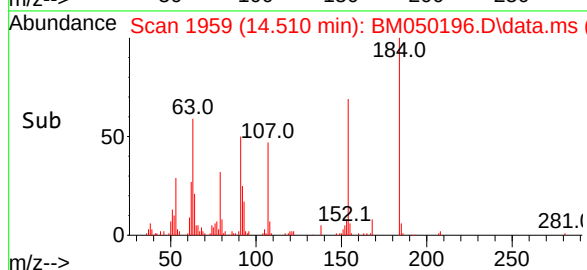
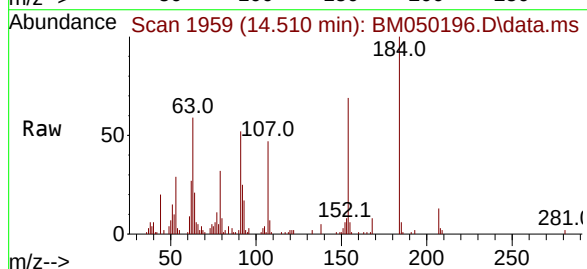
Manual Integrations
APPROVED

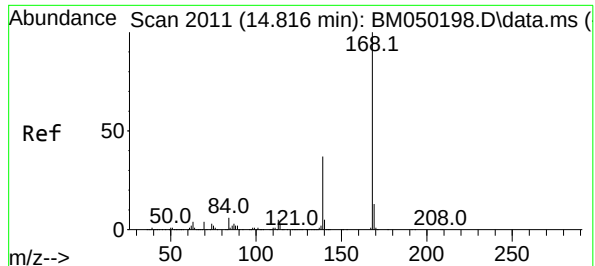
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

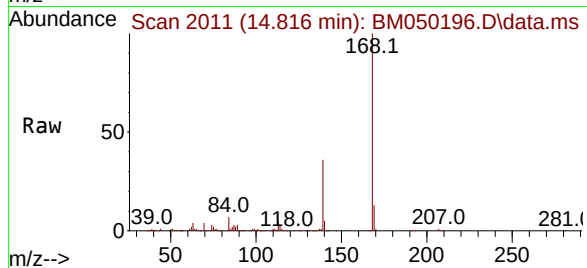
Tgt Ion:184 Resp: 27888
Ion Ratio Lower Upper
184 100
63 58.6 45.3 67.9
154 68.6 54.3 81.5





#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

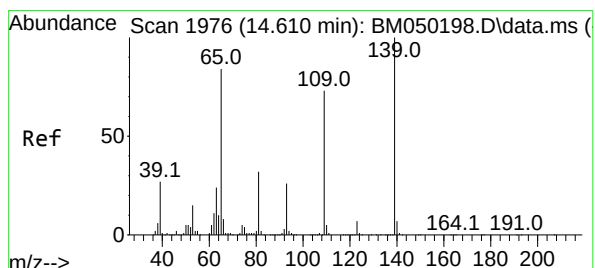
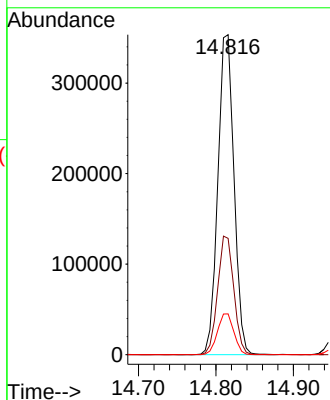
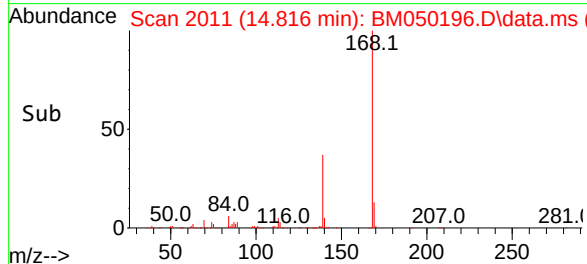
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

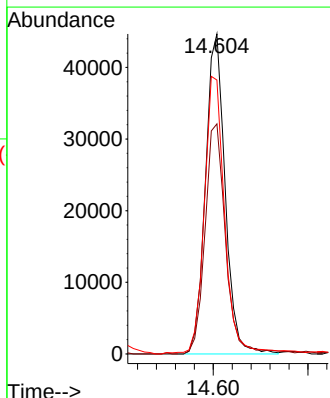
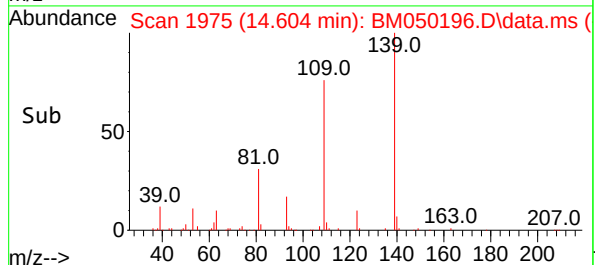
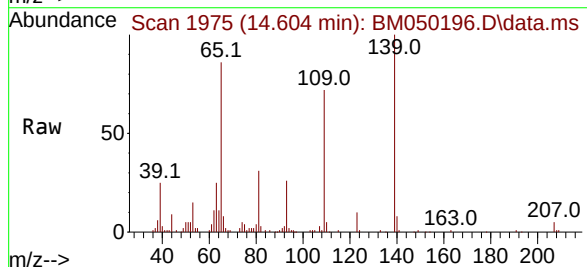
Manual Integrations
APPROVED

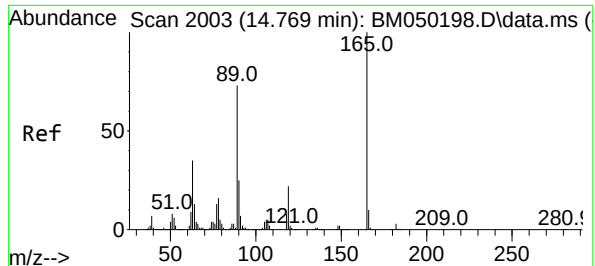
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

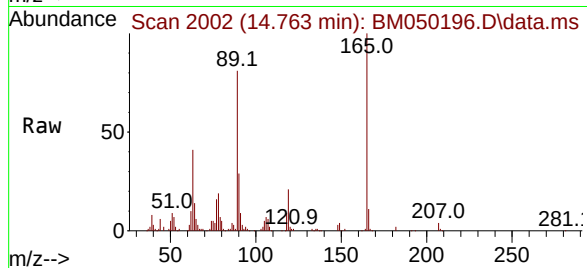
Tgt Ion:139 Resp: 64450
Ion Ratio Lower Upper
139 100
109 71.9 52.6 92.6
65 85.6 64.3 104.3





#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

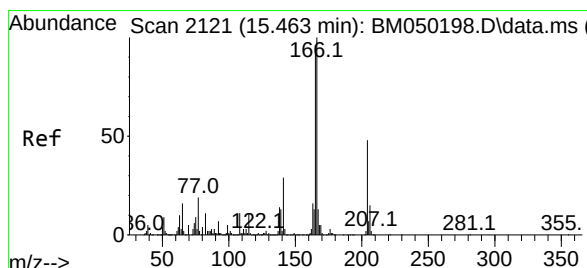
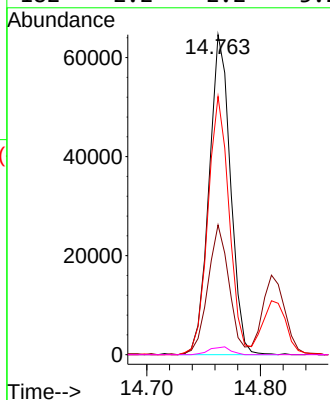
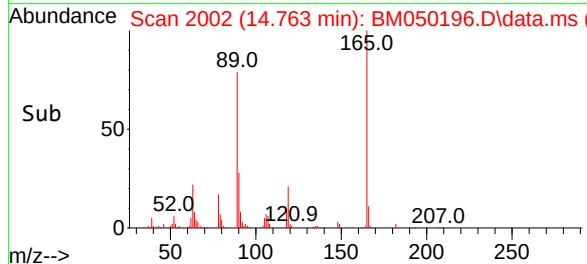
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

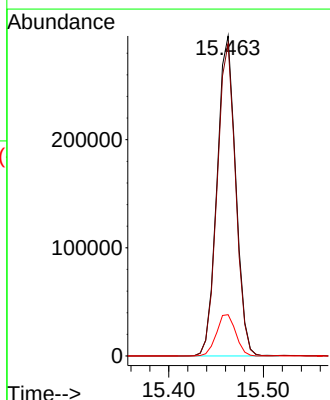
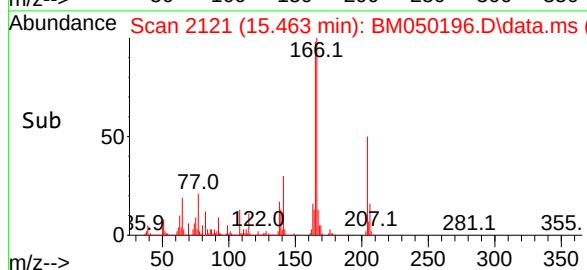
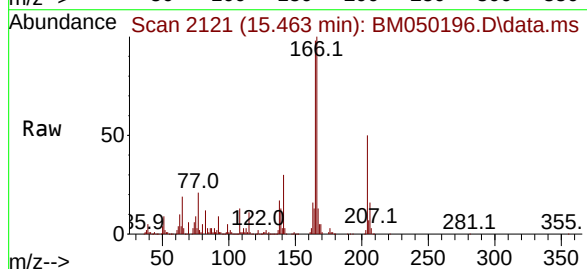
Manual Integrations
APPROVED

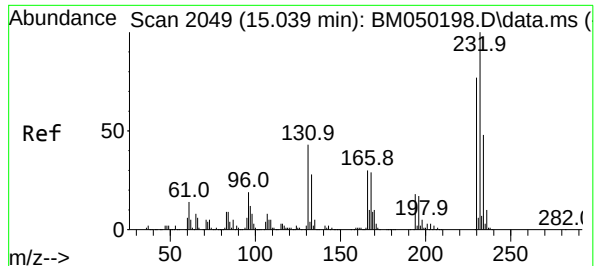
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

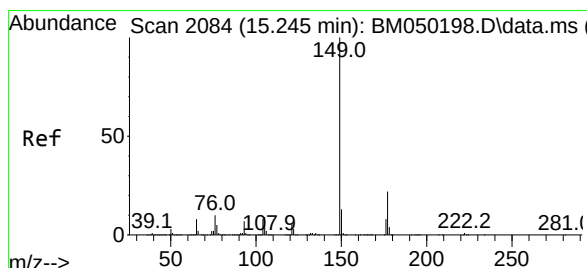
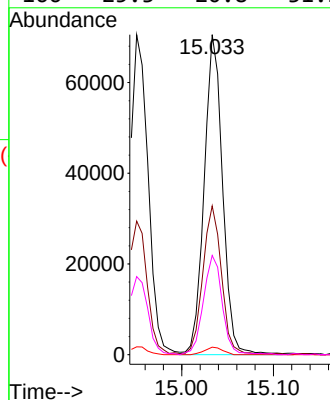
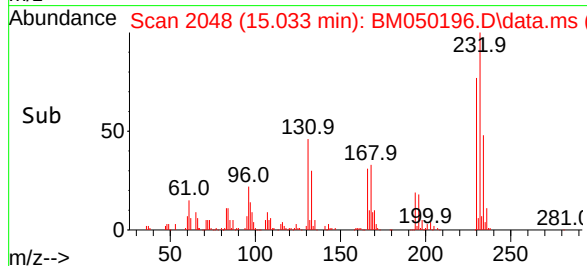
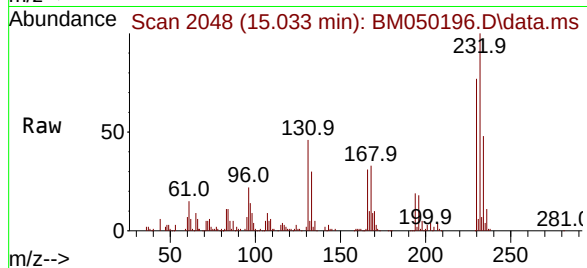
166 25.3 20.8 31.2

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

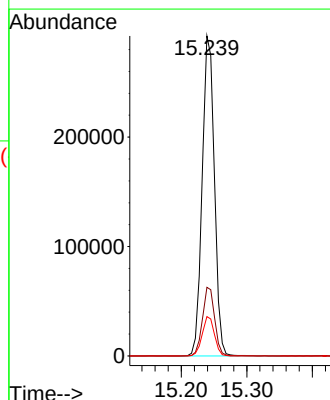
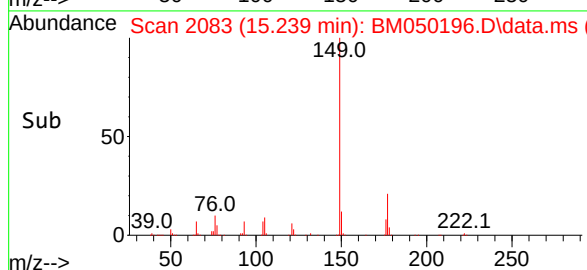
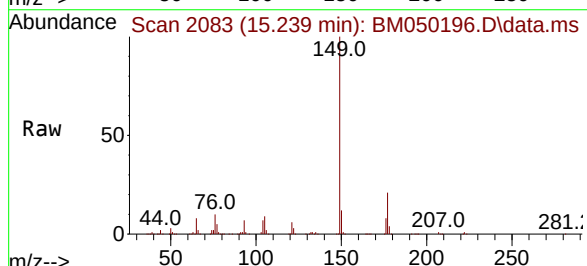
Tgt Ion:149 Resp: 380099

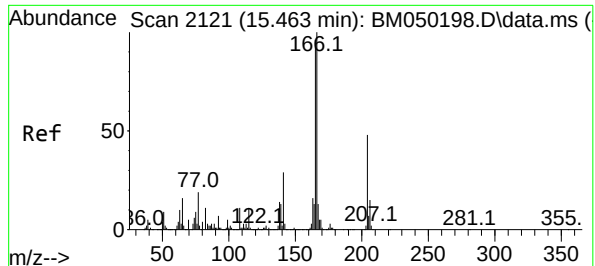
Ion Ratio Lower Upper

149 100

177 21.5 17.2 25.8

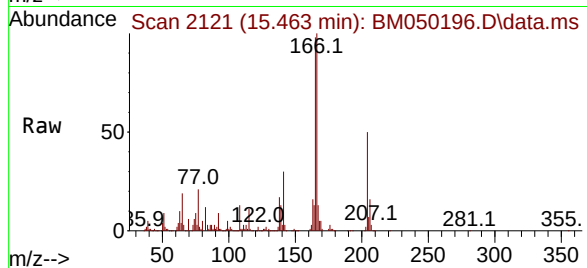
150 12.3 10.0 15.0





#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

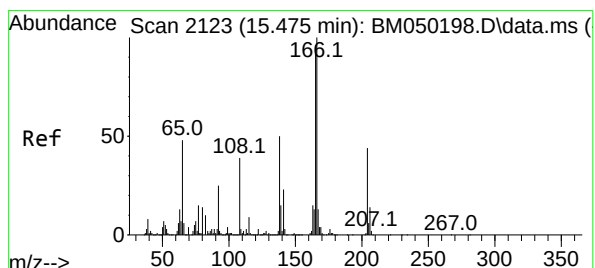
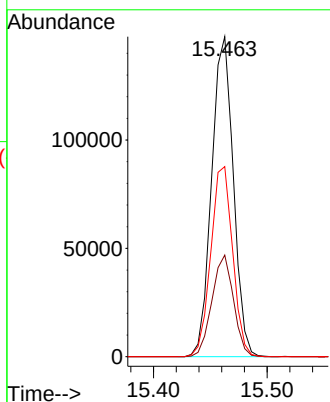
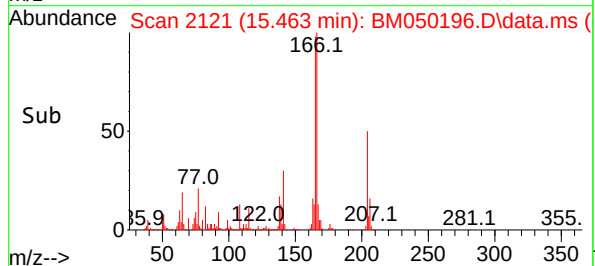
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

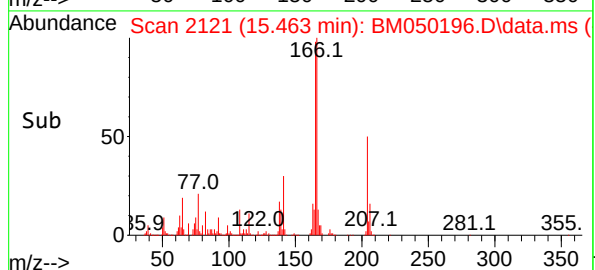
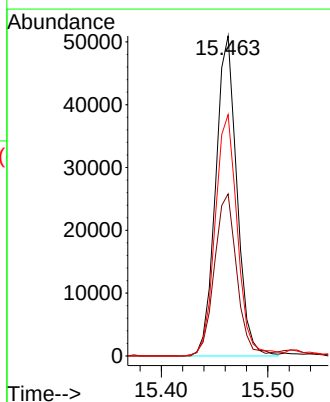
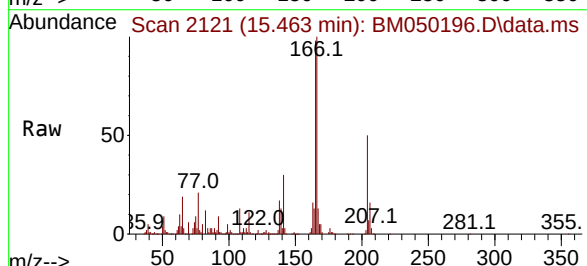
Manual Integrations
APPROVED

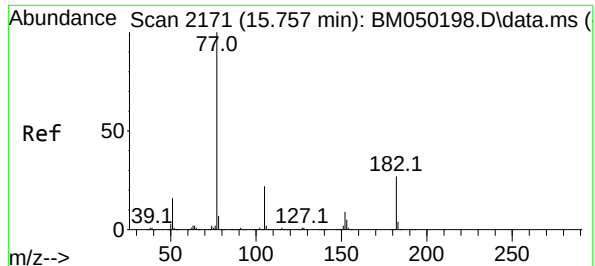
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

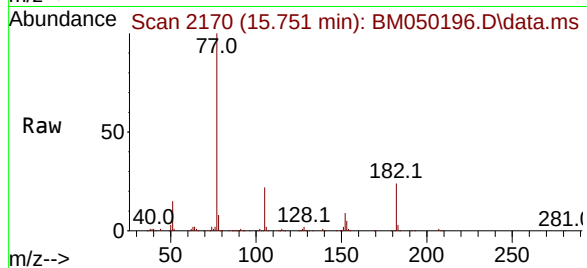
Tgt Ion:138 Resp: 70517
Ion Ratio Lower Upper
138 100
92 50.6 28.8 68.8
108 75.4 58.1 98.1





#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

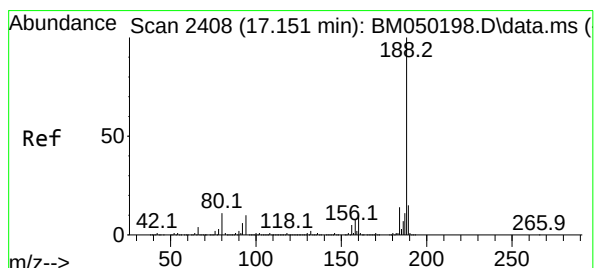
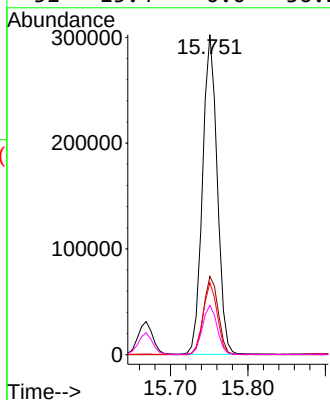
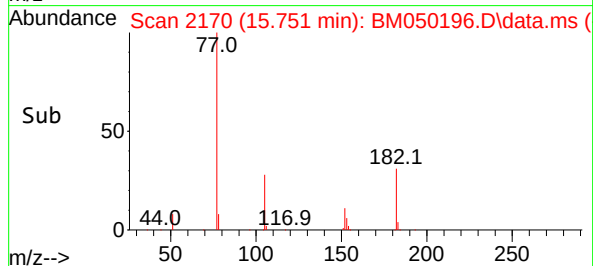
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

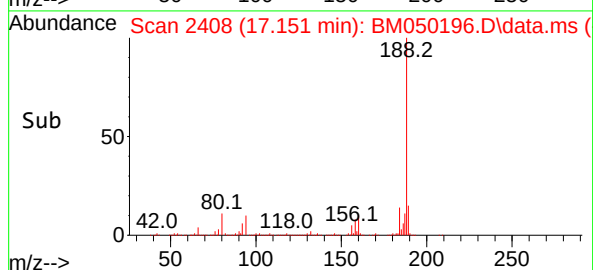
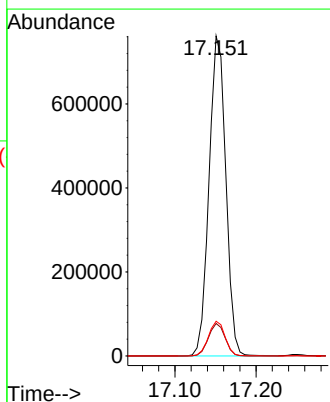
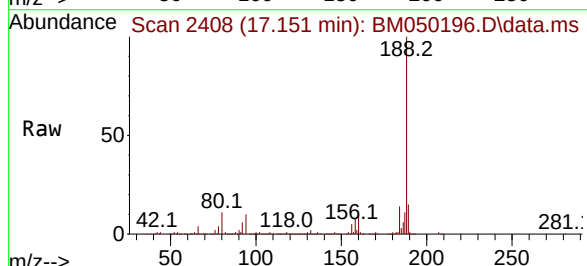
Manual Integrations
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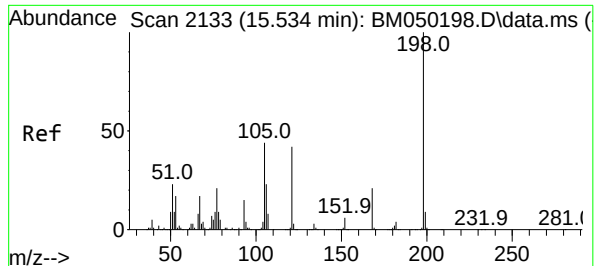
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

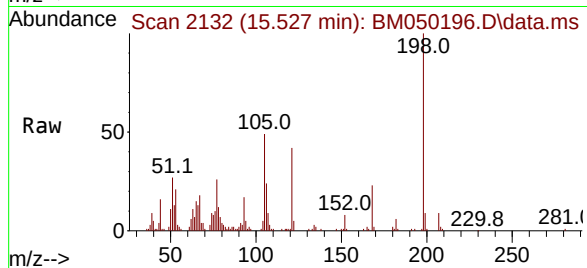
Tgt Ion:188 Resp: 1092132
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.6 13.0





#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

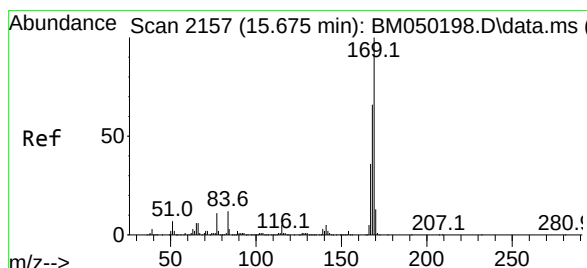
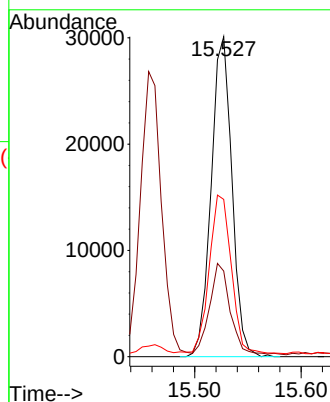
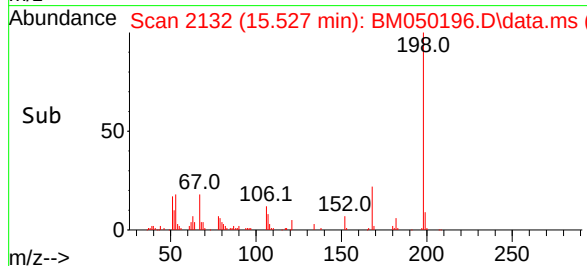
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

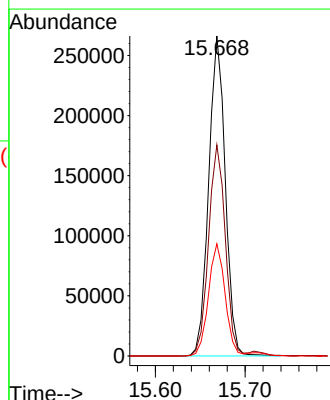
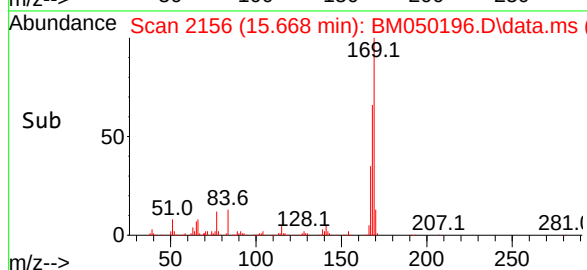
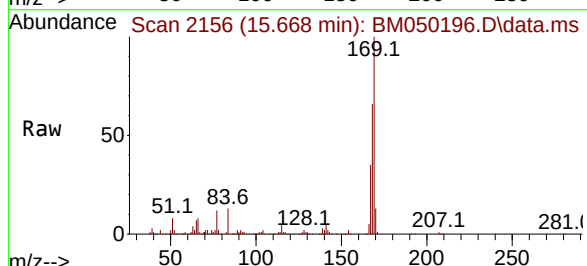
Manual Integrations
APPROVED

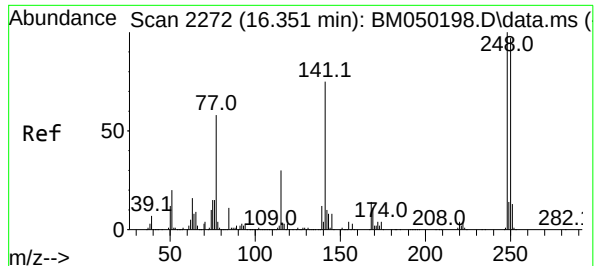
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

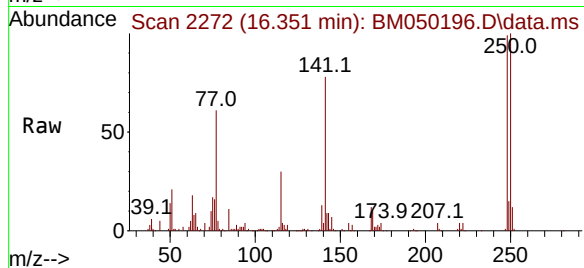
Tgt Ion:169 Resp: 341695
Ion Ratio Lower Upper
169 100
168 66.0 53.1 79.7
167 35.0 29.0 43.6





#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

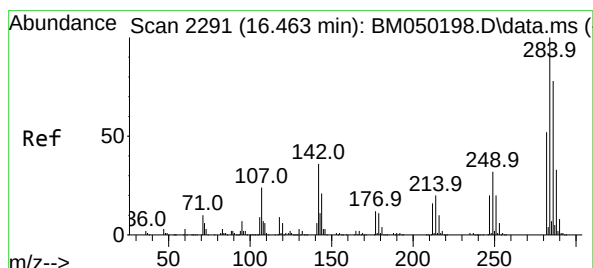
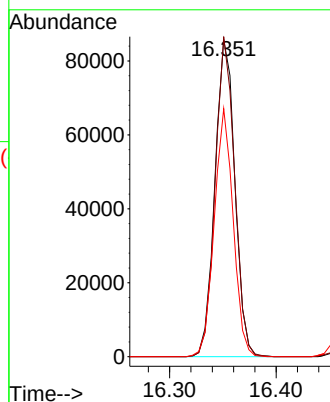
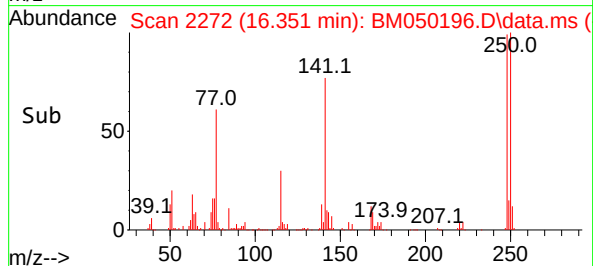
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

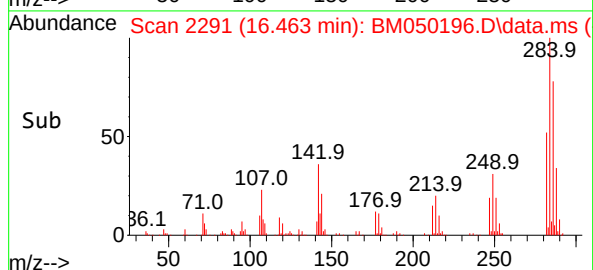
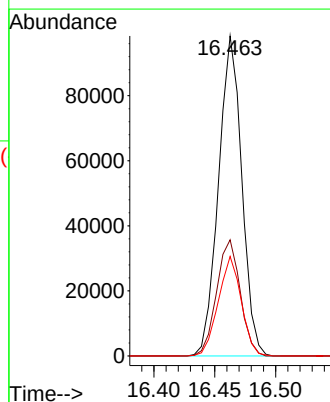
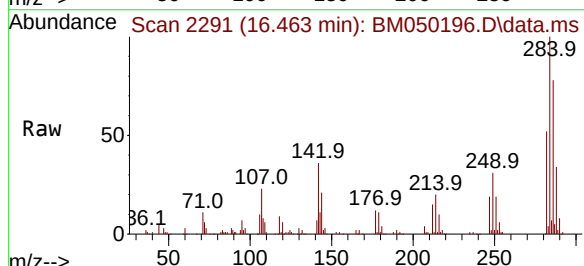
Manual Integrations
APPROVED

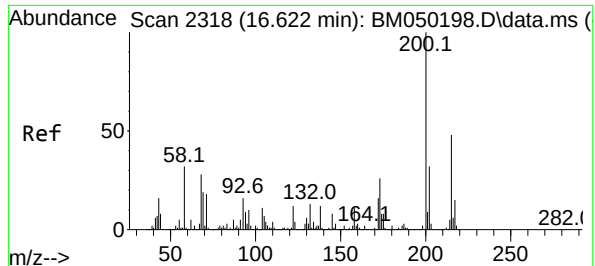
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

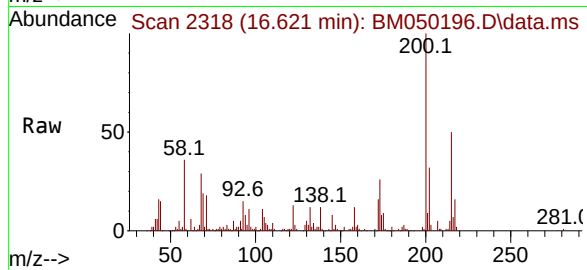
Tgt Ion:284 Resp: 130925
Ion Ratio Lower Upper
284 100
142 36.3 28.8 43.2
249 31.1 25.8 38.6





#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

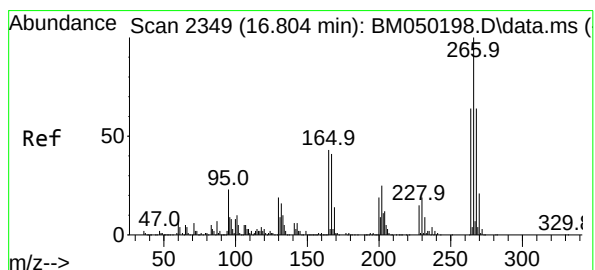
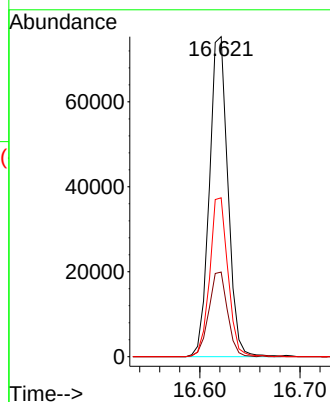
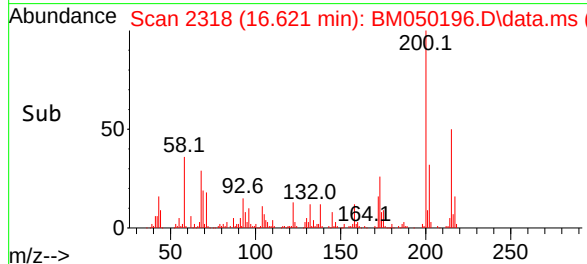
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

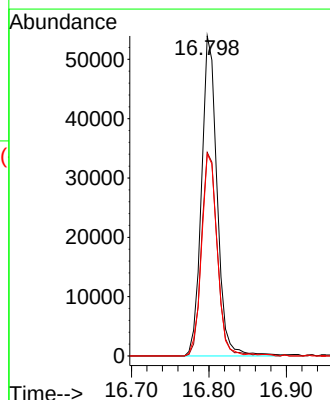
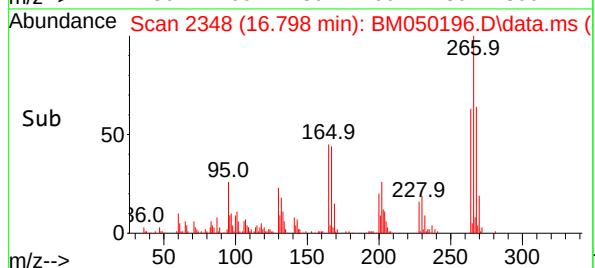
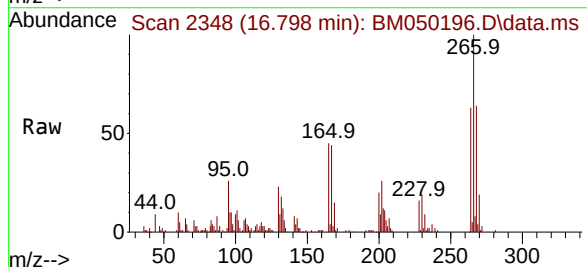
Manual Integrations
APPROVED

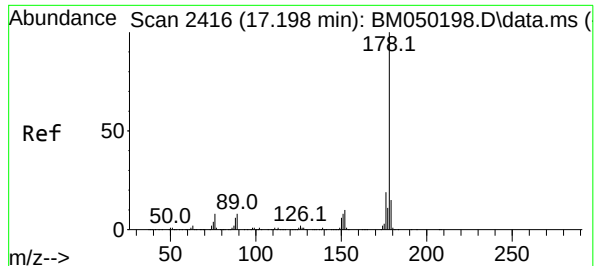
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

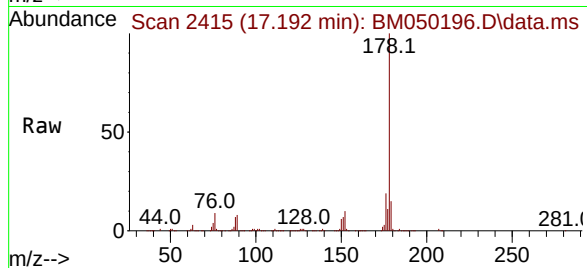
Tgt Ion:266 Resp: 75315
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.6
264 63.1 50.8 76.2





#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

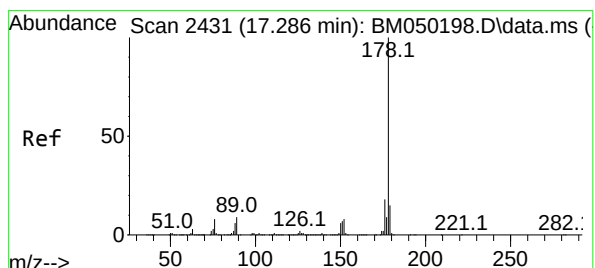
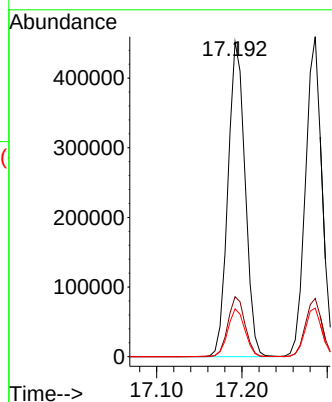
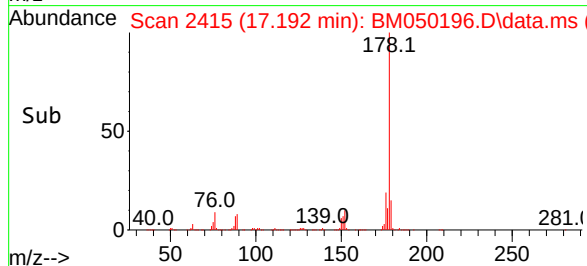
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

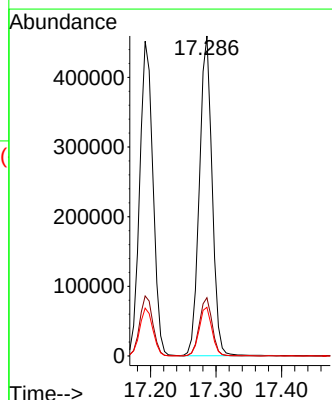
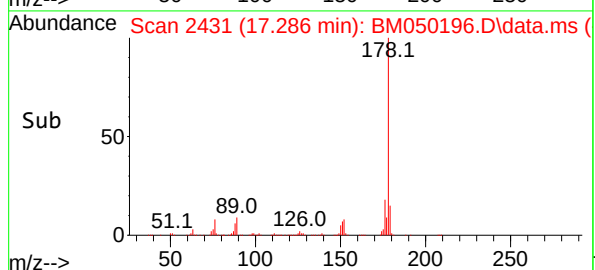
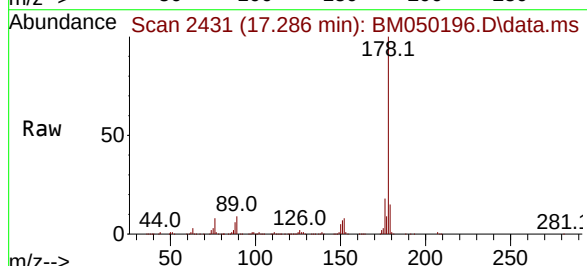
Manual Integrations
APPROVED

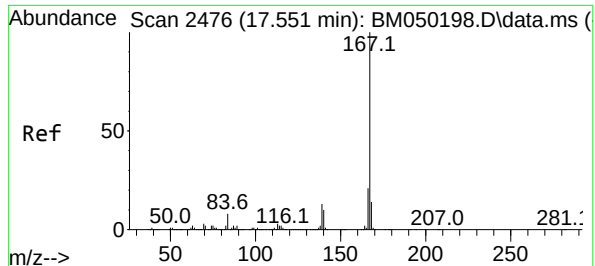
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

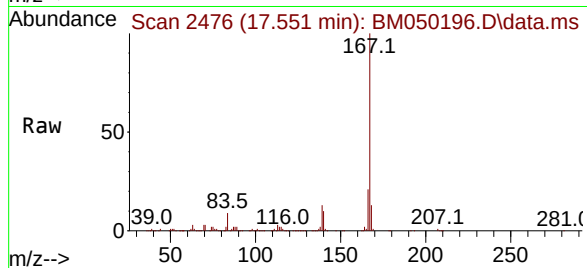
Tgt Ion:178 Resp: 619530
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.2 12.3 18.5





#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

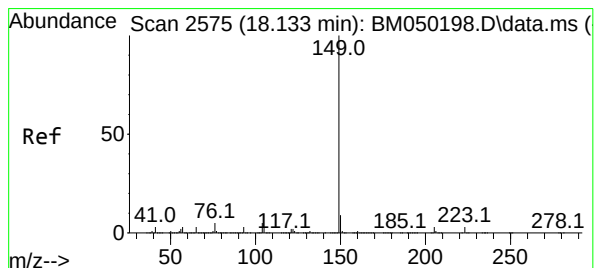
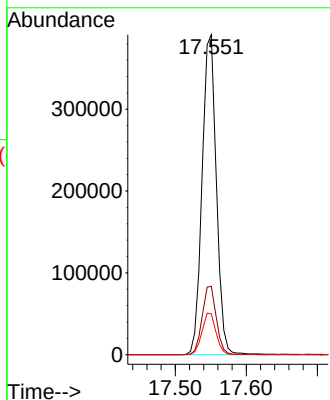
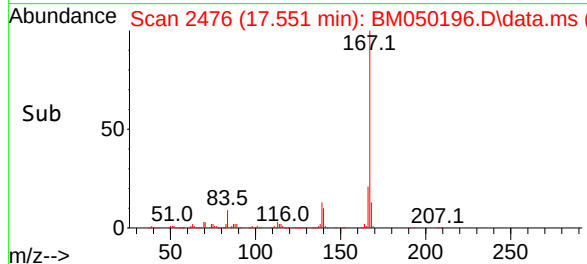
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



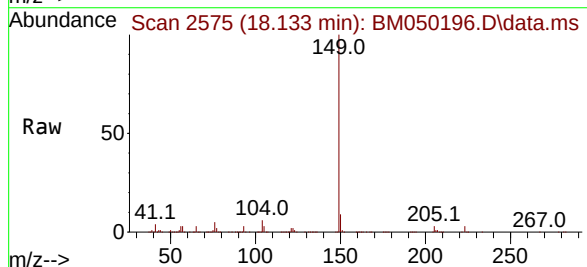
Tgt Ion:167 Resp: 54751
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 12.8 10.2 15.4

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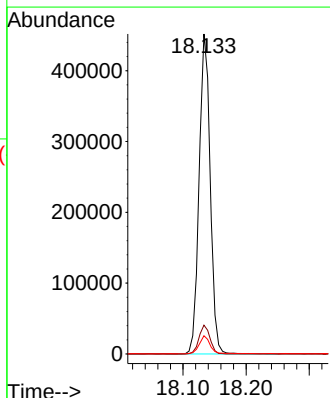
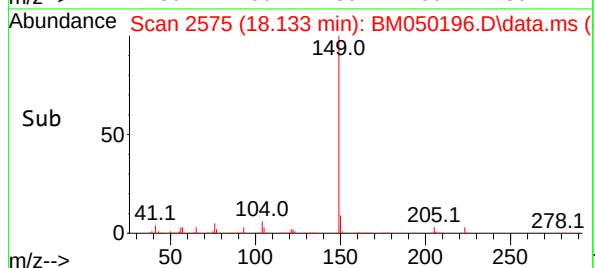
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

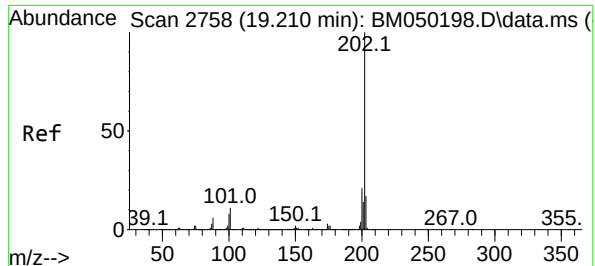


#74
Di-n-butylphthalate
Concen: 8.885 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050196.D
Acq: 05 Jun 2025 10:38



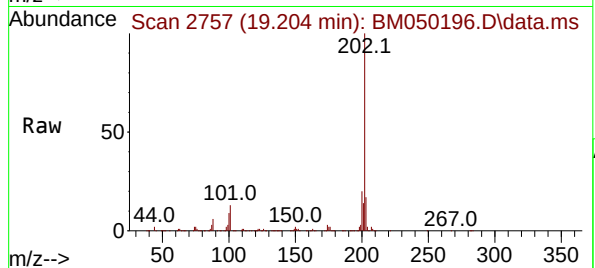
Tgt Ion:149 Resp: 549702
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.7 4.0 6.0





#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

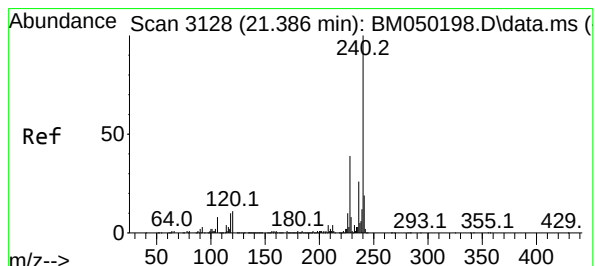
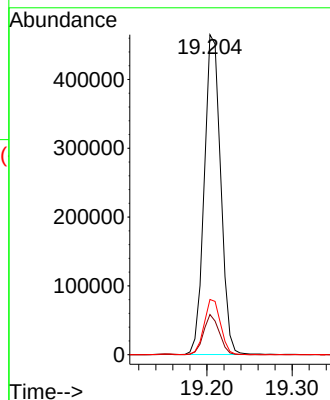
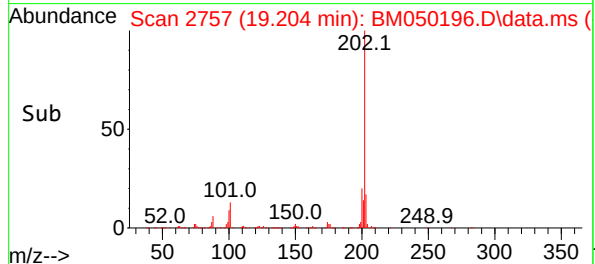
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

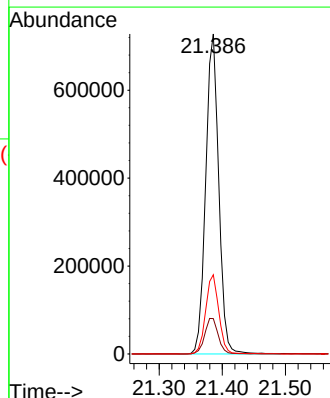
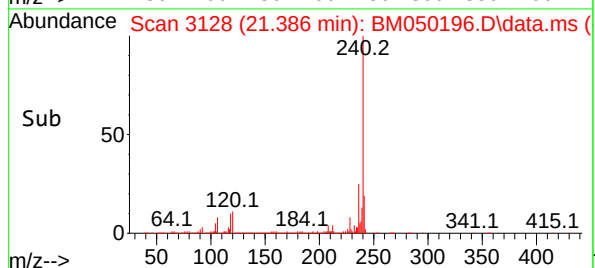
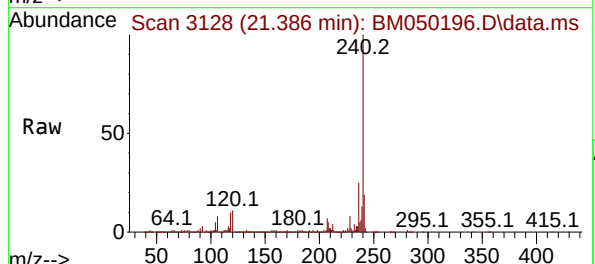
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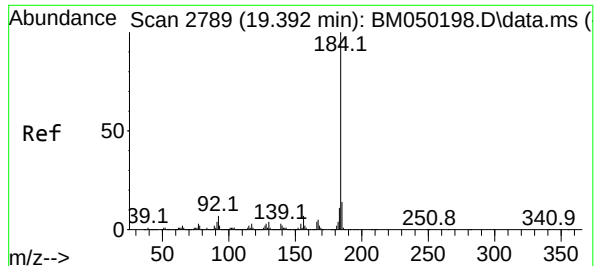
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

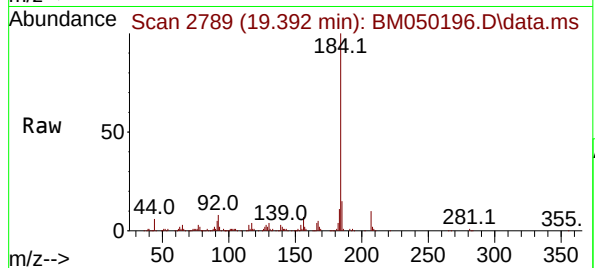
Tgt Ion:240 Resp: 1044209
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 24.8 20.7 31.1





#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

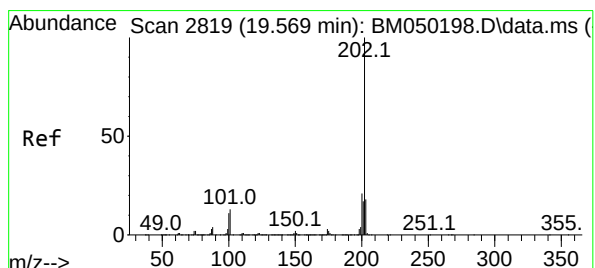
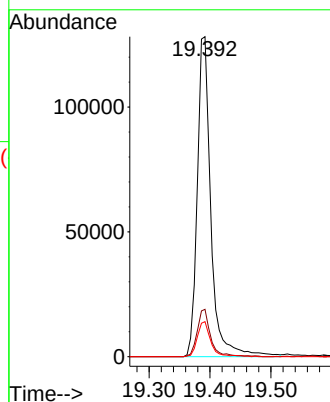
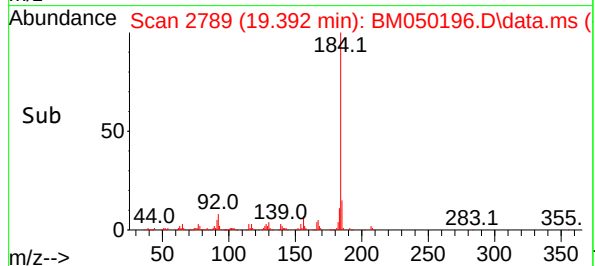
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 199082
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.0 9.0 13.4

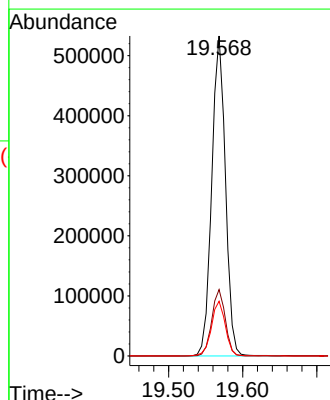
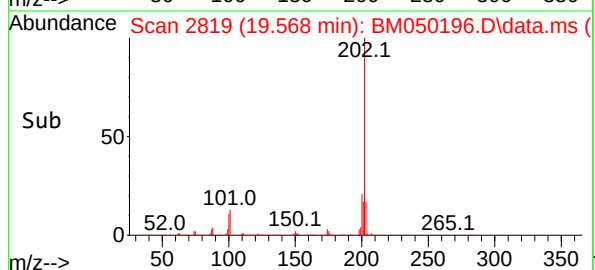
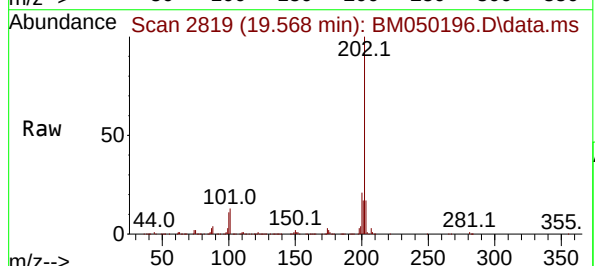
Manual Integrations
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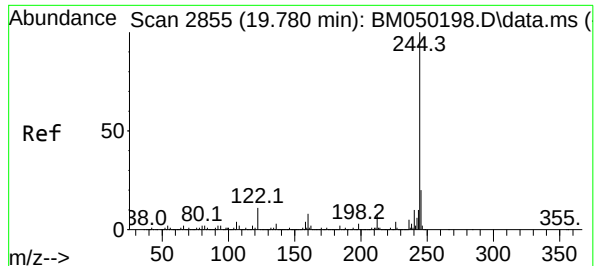
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

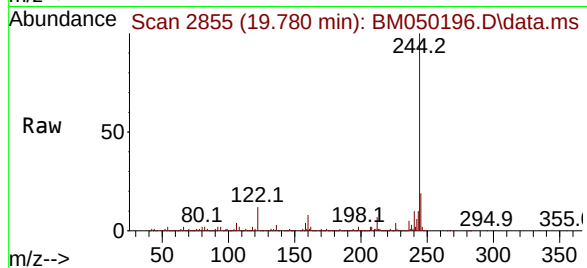
Tgt Ion:202 Resp: 682132
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.1 14.1 21.1





#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

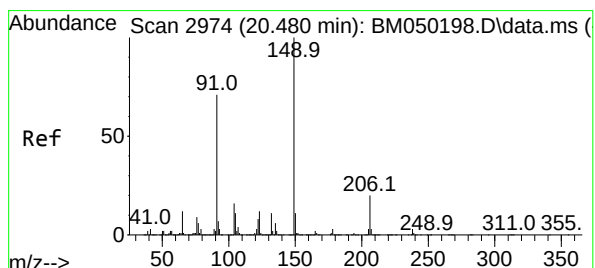
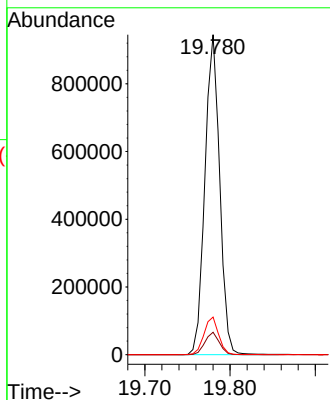
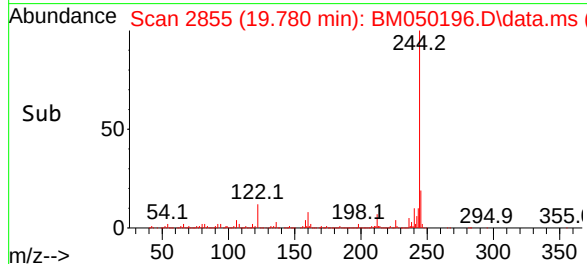
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

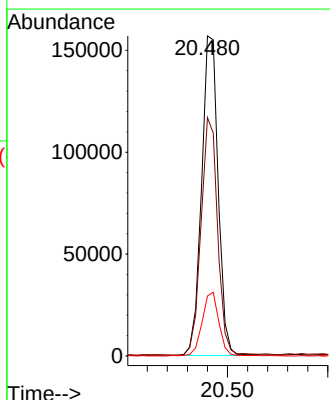
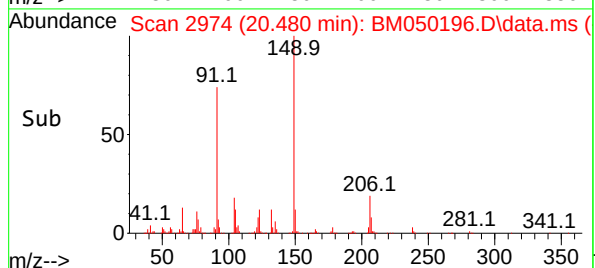
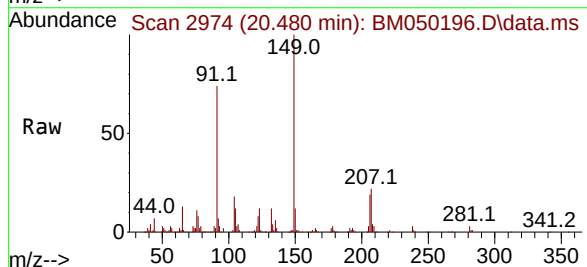
Manual Integrations
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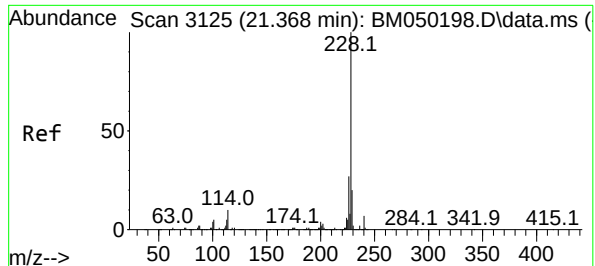
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

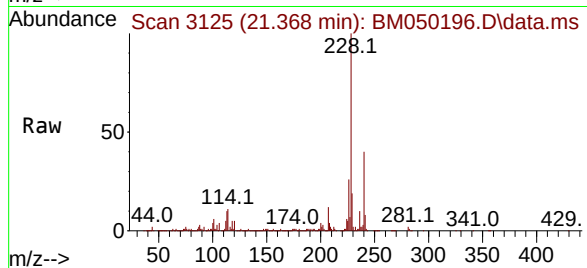
Tgt Ion:149 Resp: 181298
Ion Ratio Lower Upper
149 100
91 74.5 56.9 85.3
206 18.8 16.1 24.1





#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

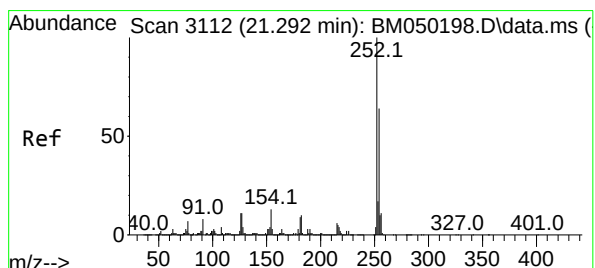
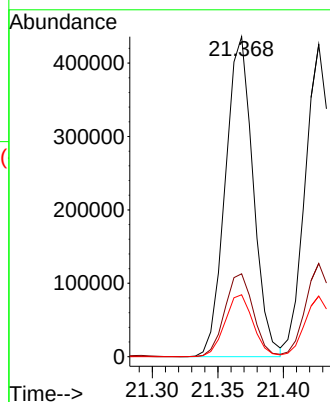
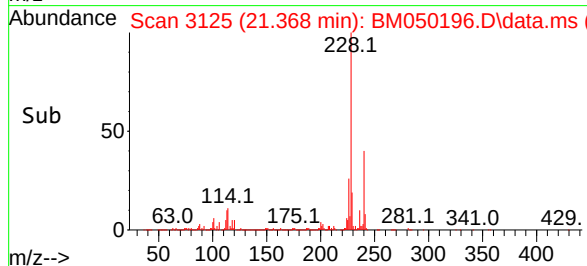
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

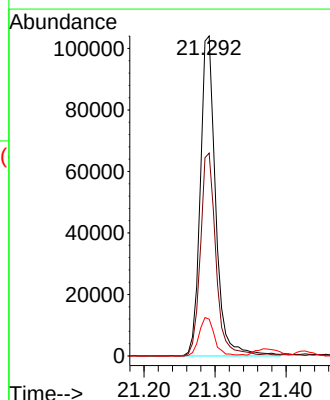
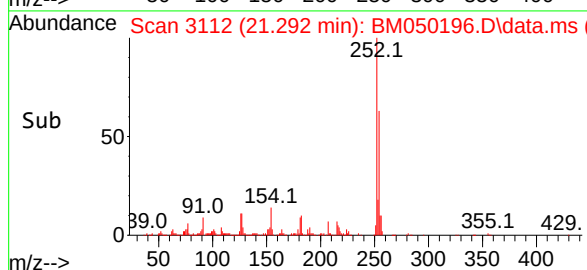
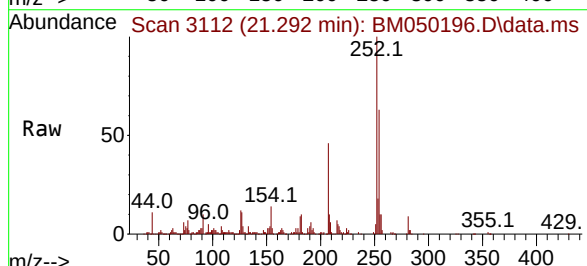
Manual Integrations
APPROVED

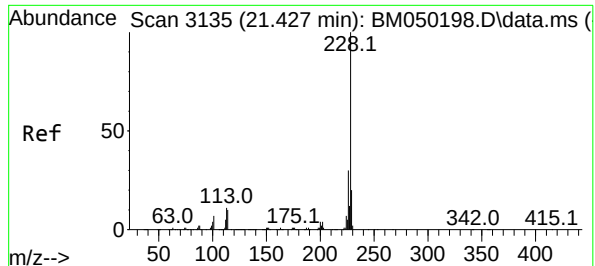
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

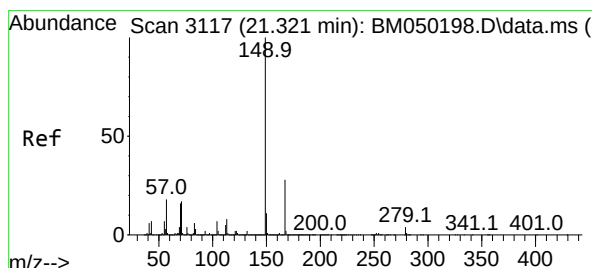
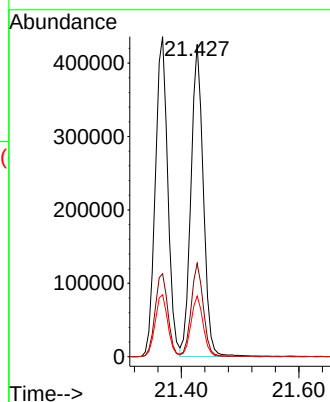
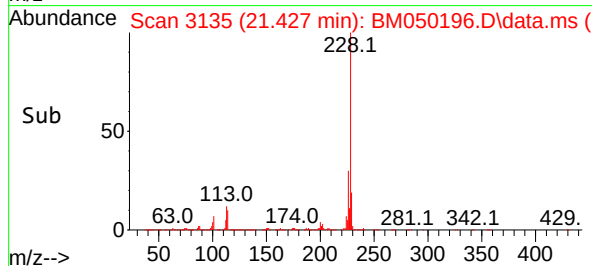
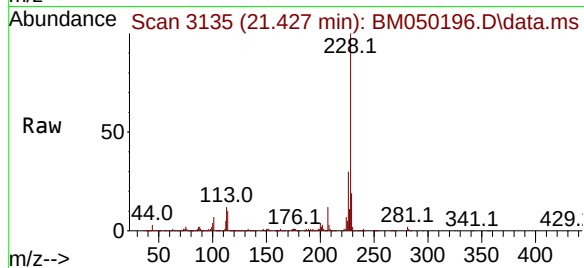
229 19.4 15.8 23.8

Manual Integrations

APPROVED

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

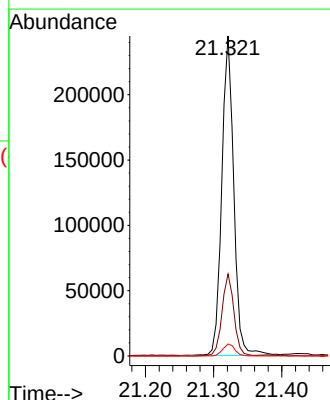
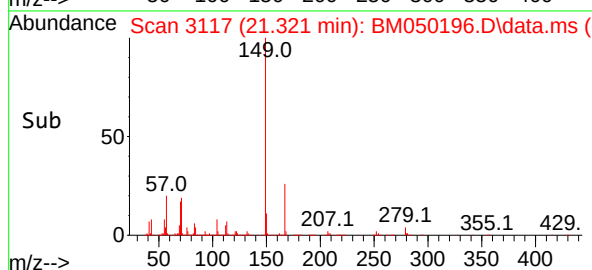
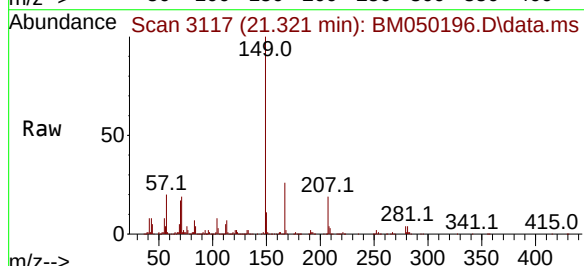
Tgt Ion:149 Resp: 299821

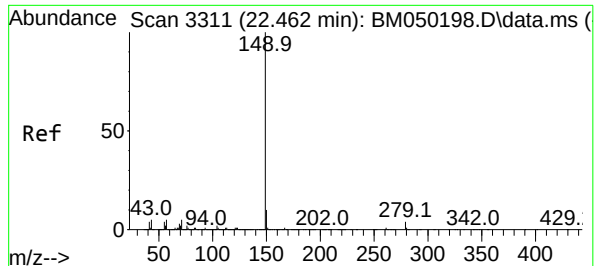
Ion Ratio Lower Upper

149 100

167 25.6 22.3 33.5

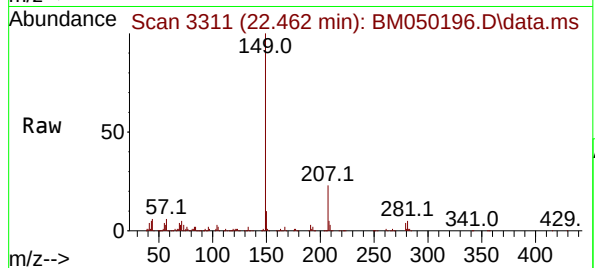
279 3.8 3.5 5.3





#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

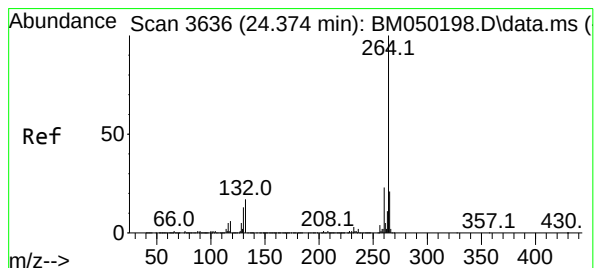
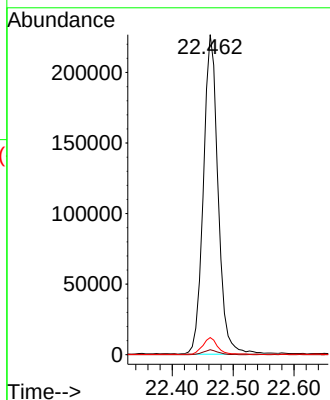
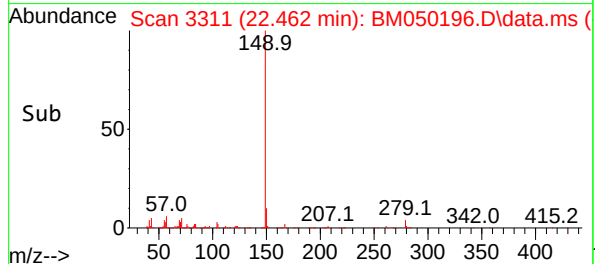
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

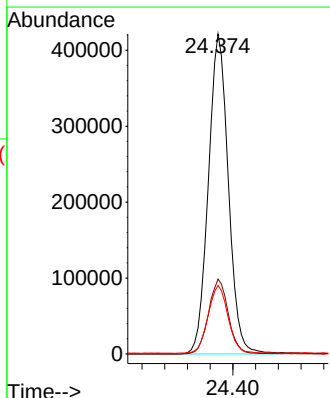
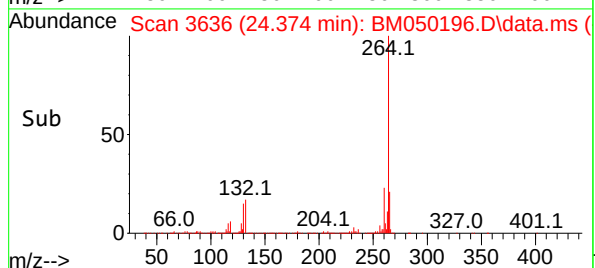
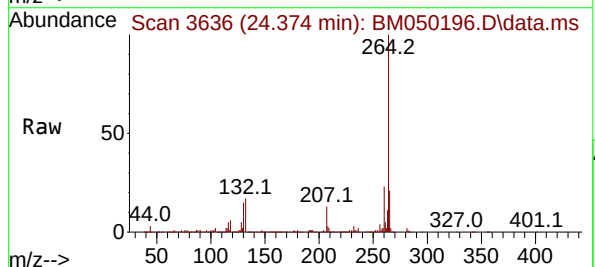
Manual Integrations
APPROVED

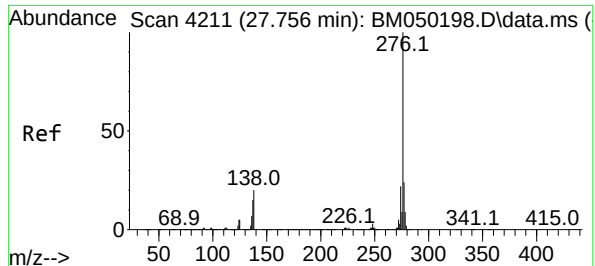
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



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

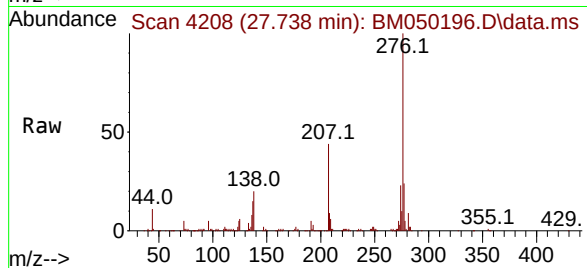
Tgt Ion:264 Resp: 1027174
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.4 16.8 25.2





#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

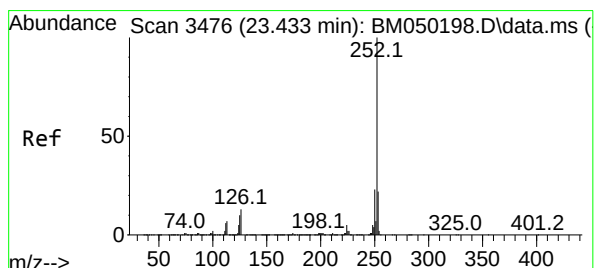
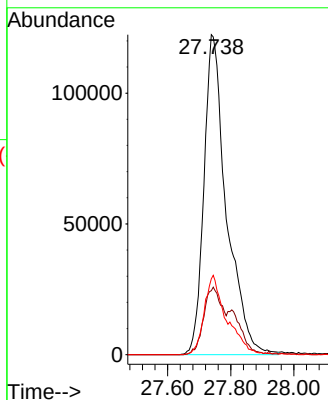
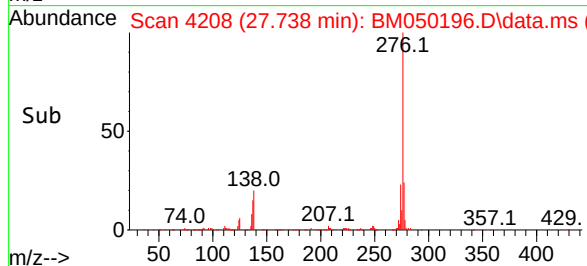
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

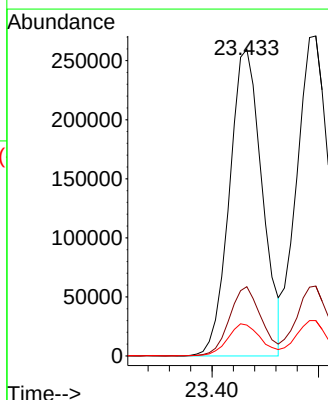
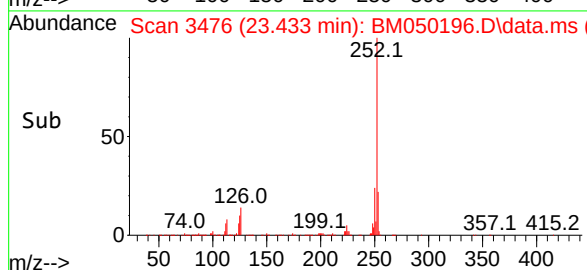
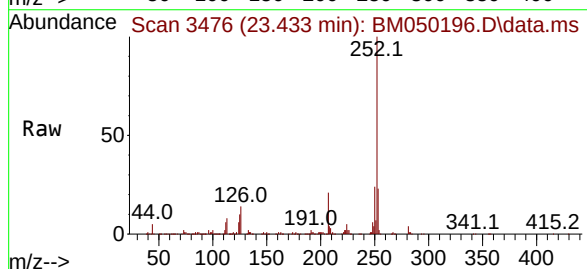
Manual Integrations
APPROVED

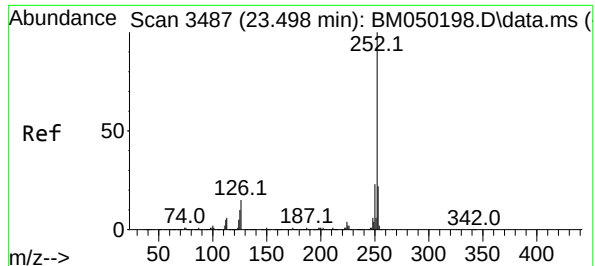
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

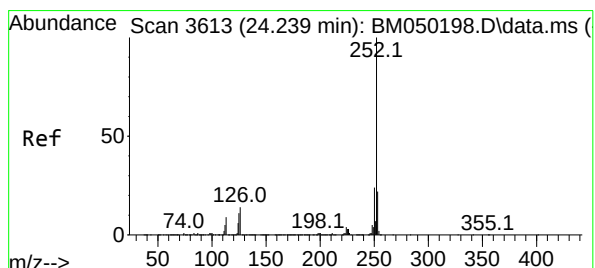
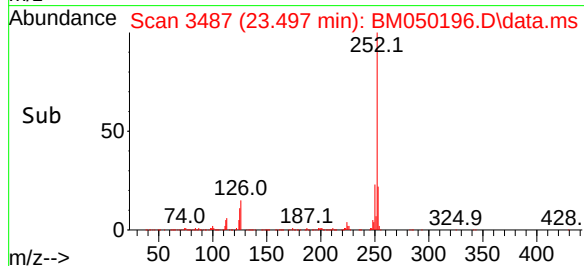
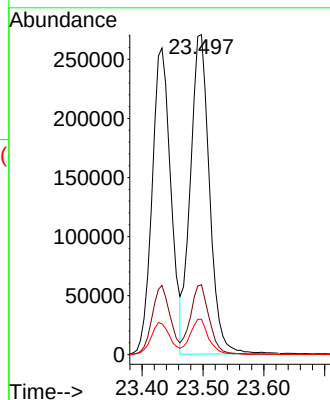
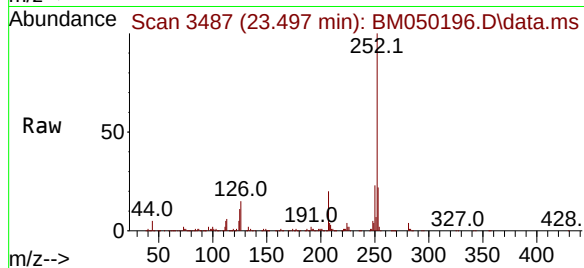
125 11.1 8.2 12.4

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

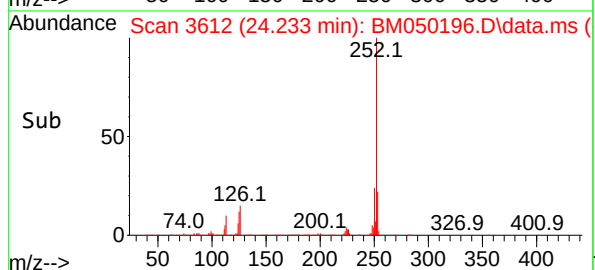
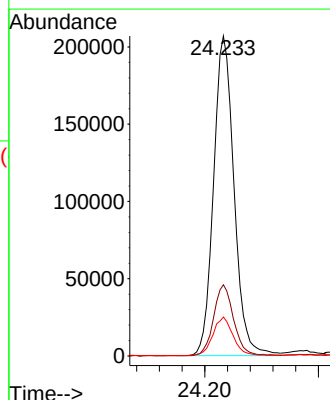
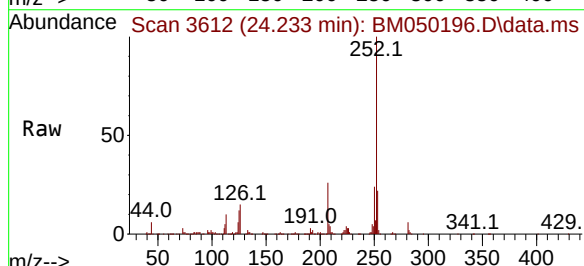
Tgt Ion:252 Resp: 517175

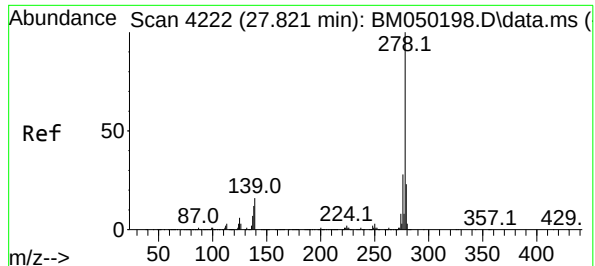
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

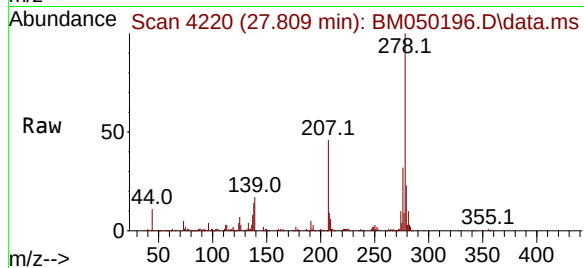
125 12.2 9.0 13.4





#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

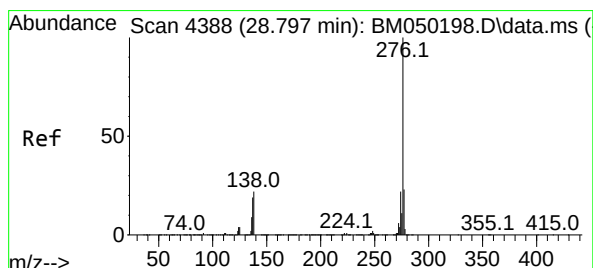
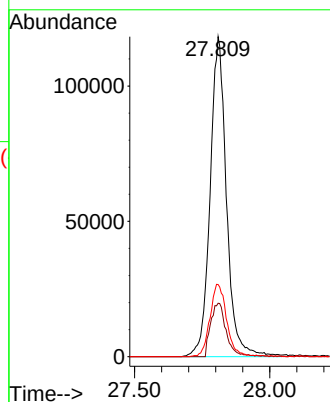
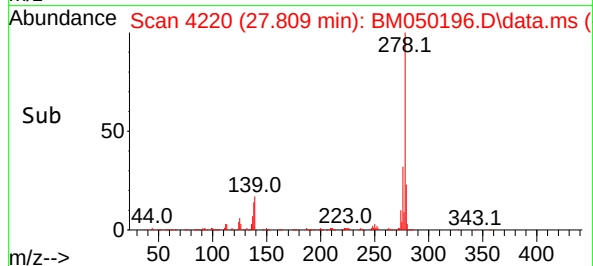
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

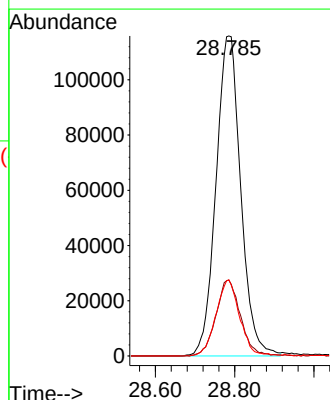
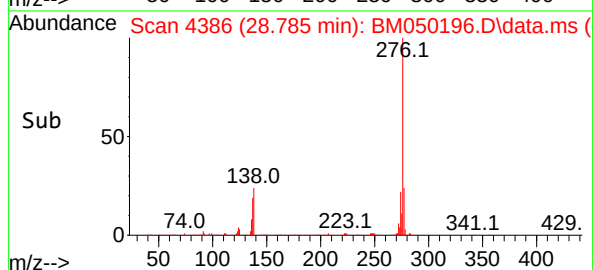
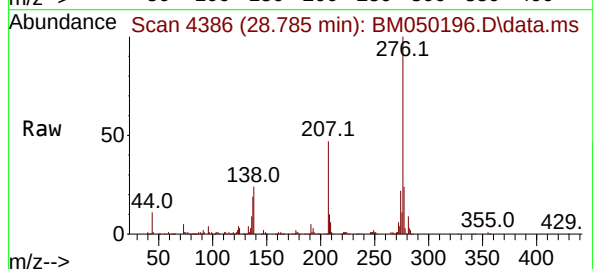
Manual Integrations
APPROVED

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

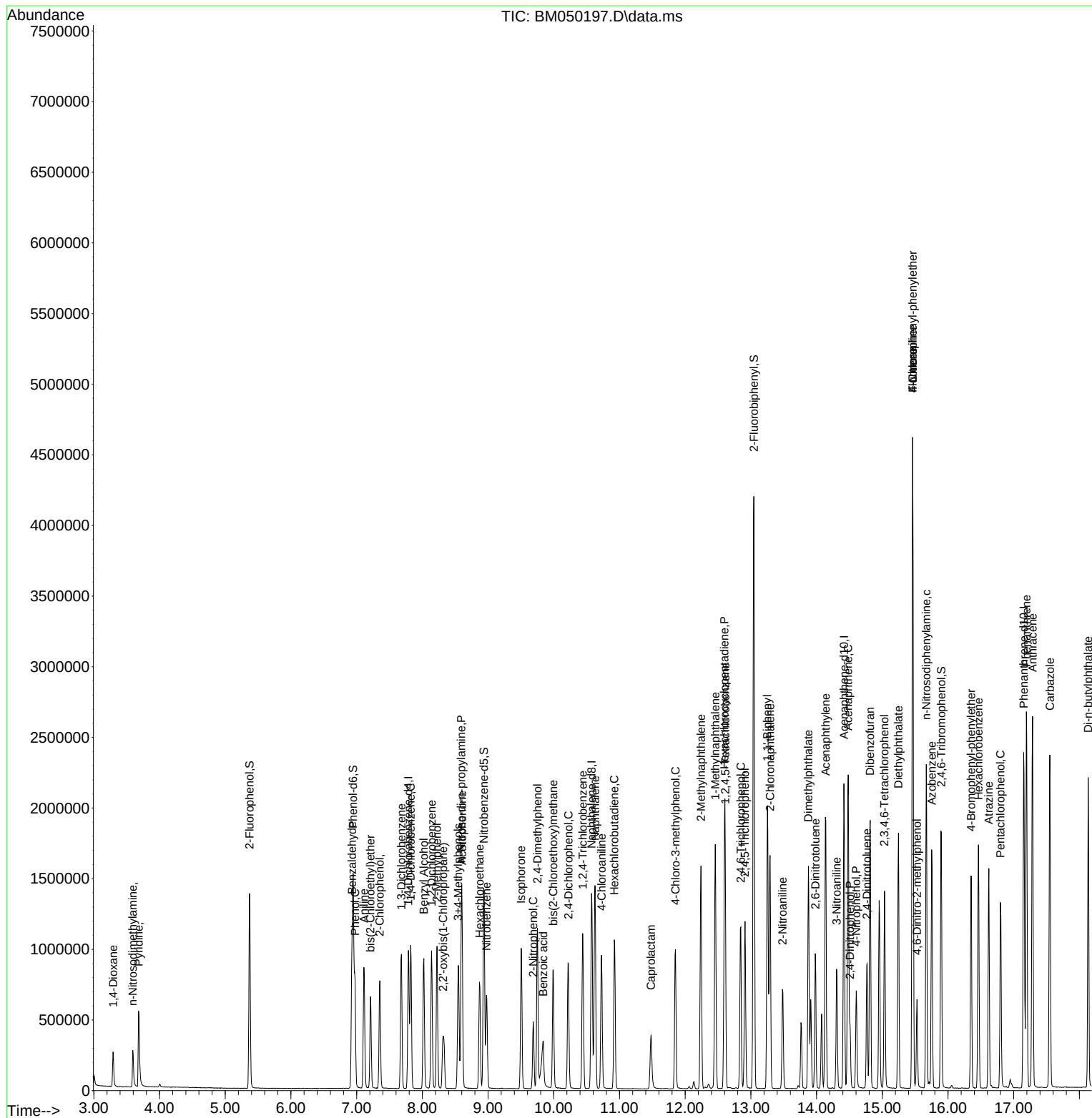
Quant Time: Jun 05 14:58:25 2025

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



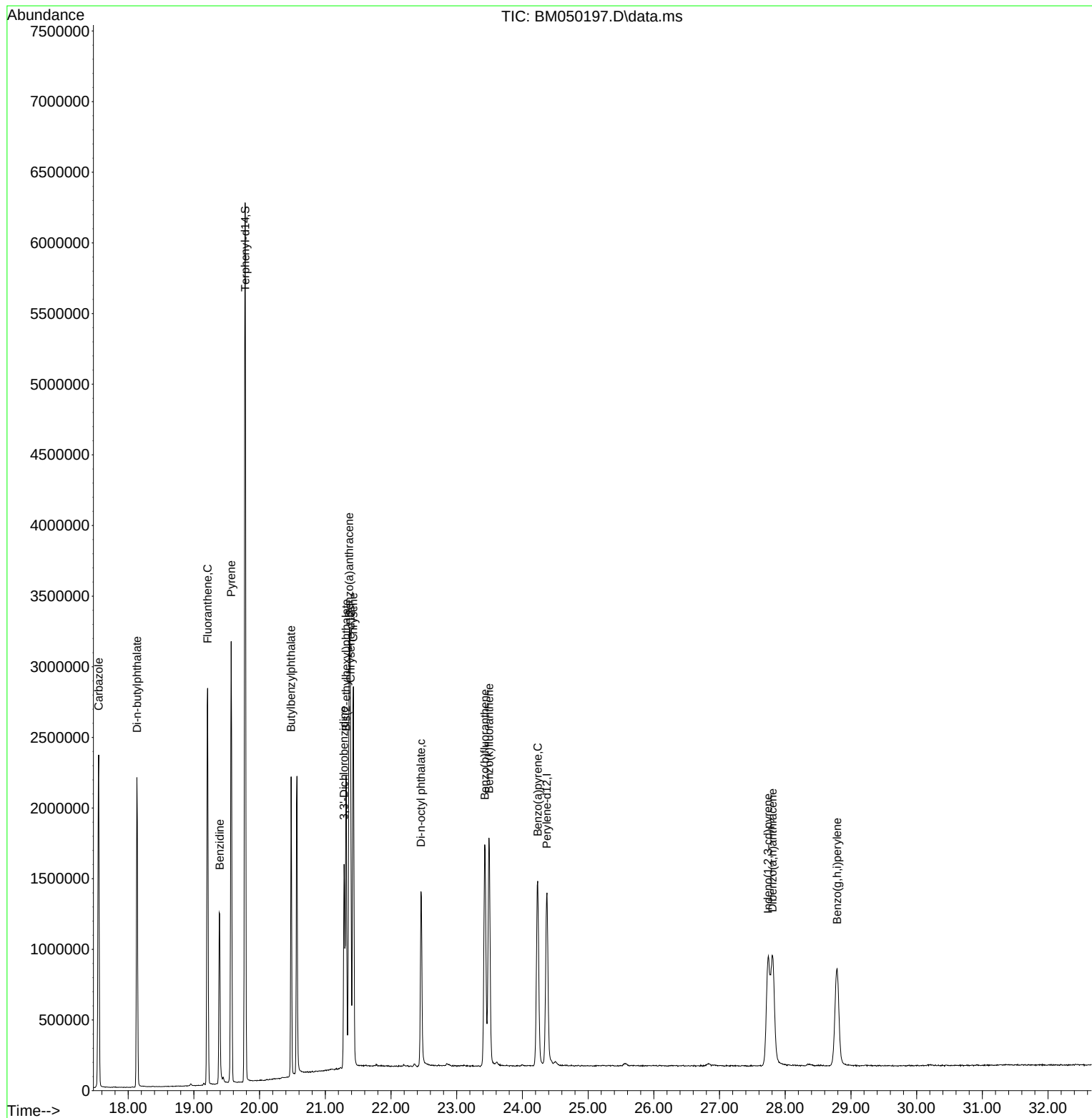
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Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

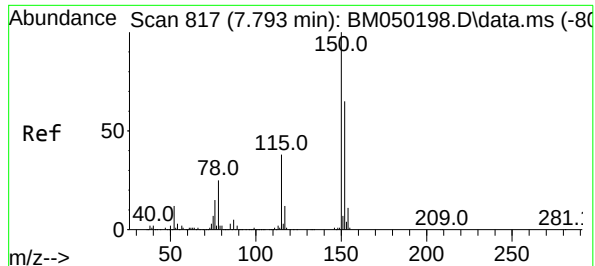
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

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

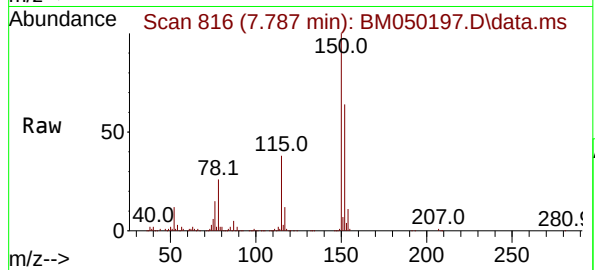
Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#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

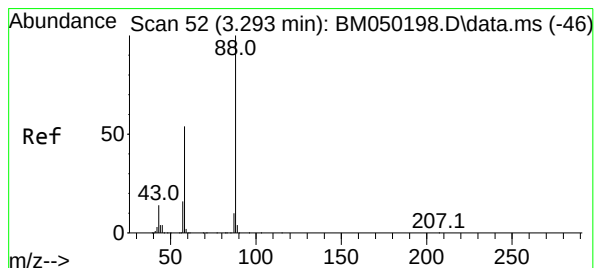
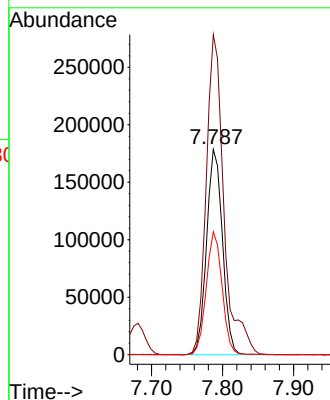
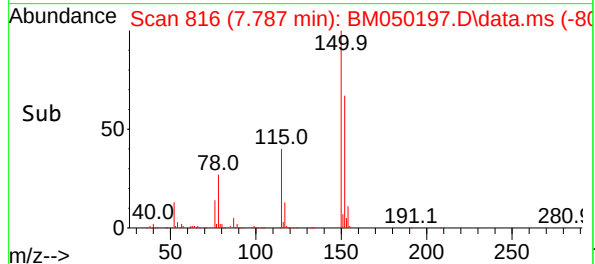
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

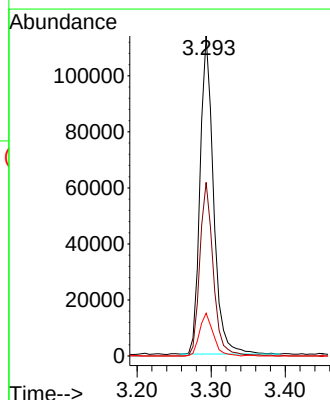
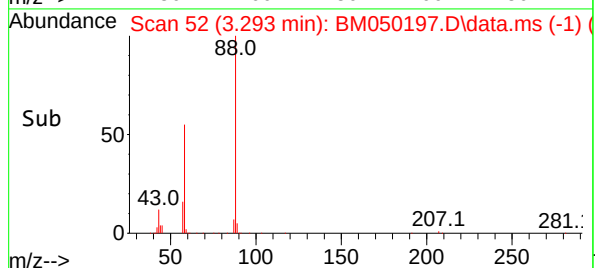
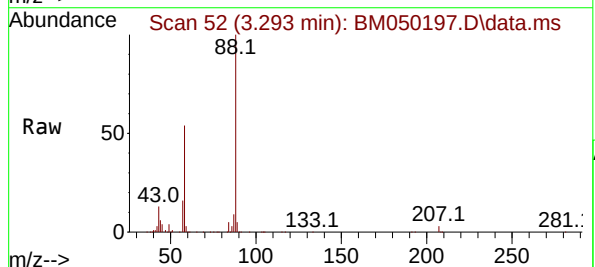
Manual Integrations
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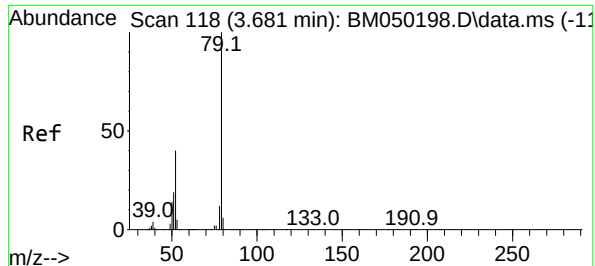
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

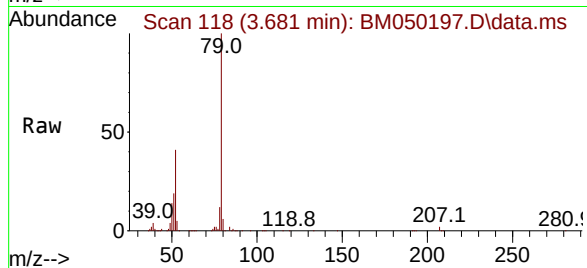
Tgt Ion: 88 Resp: 143316
Ion Ratio Lower Upper
88 100
58 54.4 42.9 64.3
43 13.7 11.0 16.6





#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

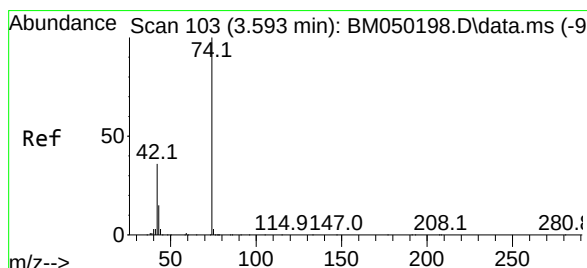
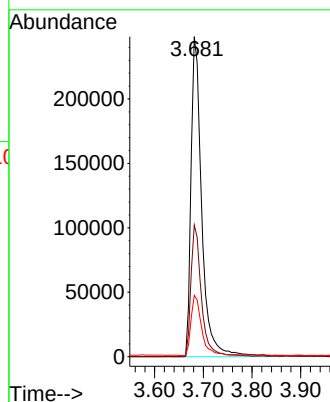
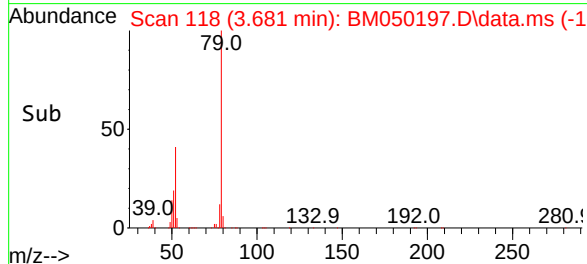
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

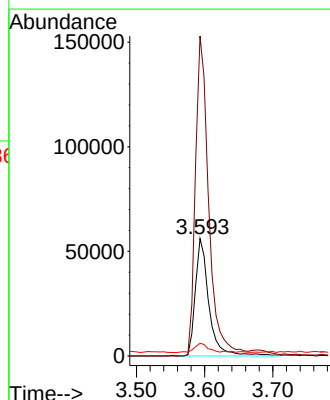
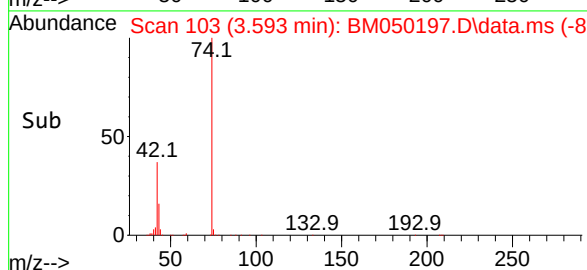
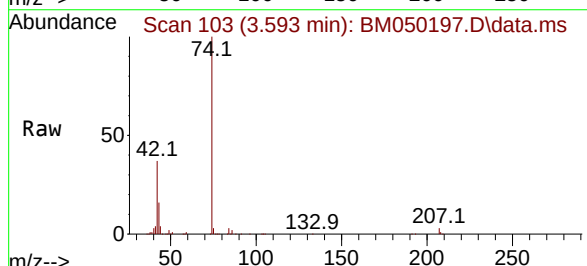
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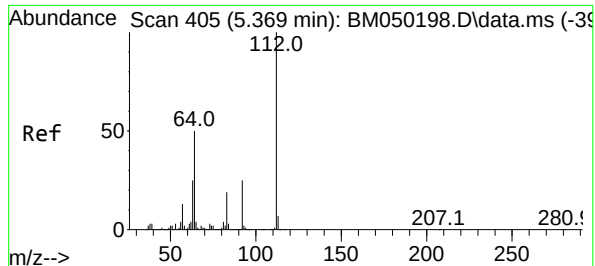
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

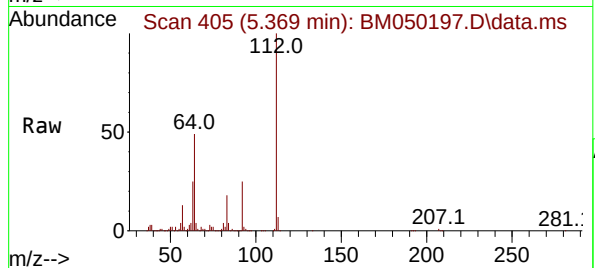
Tgt Ion: 42 Resp: 77508
Ion Ratio Lower Upper
42 100
74 272.5 222.0 333.0
44 10.8 7.0 10.6





#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

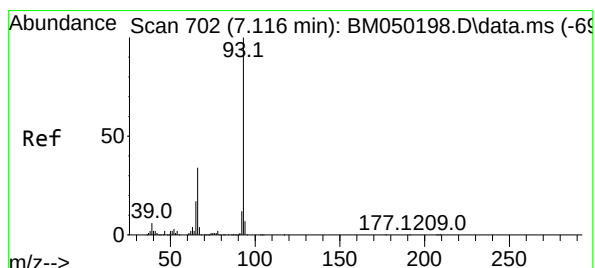
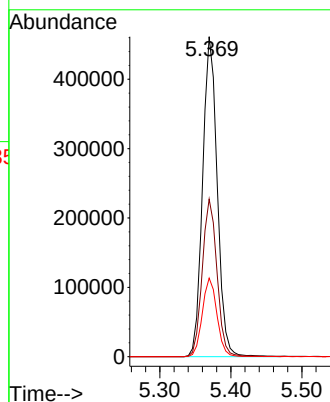
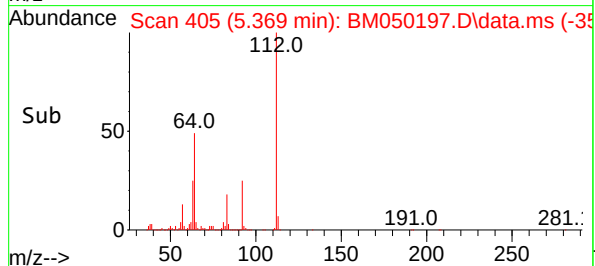
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 66253
Ion Ratio Lower Upper
112 100
64 49.2 39.8 59.6
63 24.5 19.8 29.8

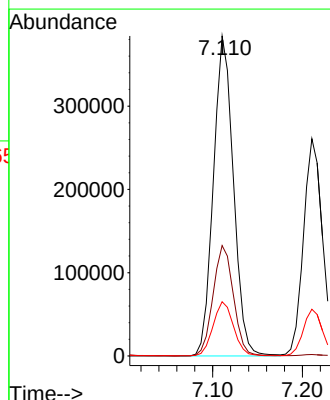
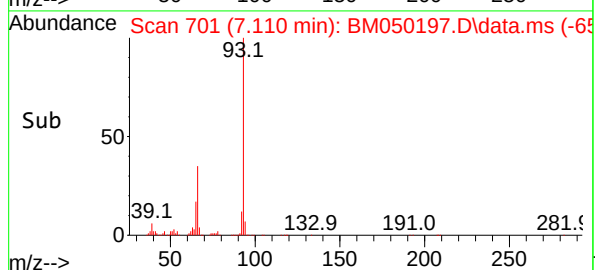
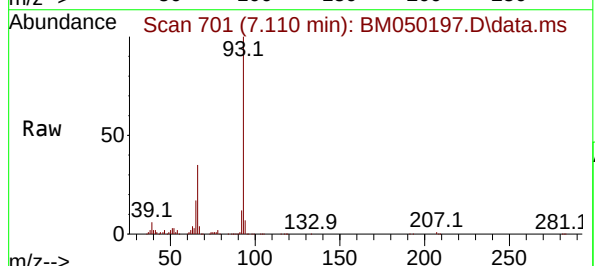
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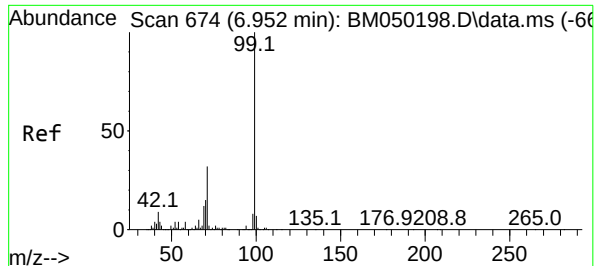
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#6
Aniline
Concen: 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





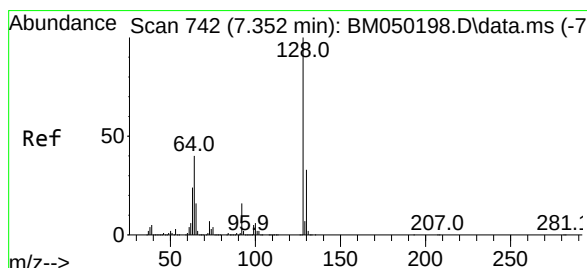
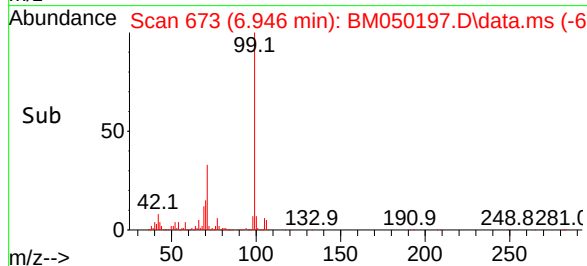
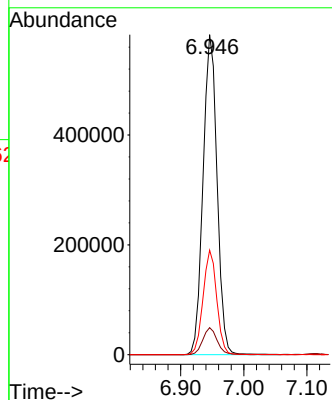
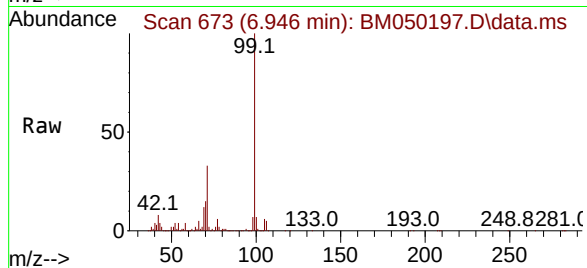
#7
Phenol-d6
Concen: 40.989 ng
RT: 6.946 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

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

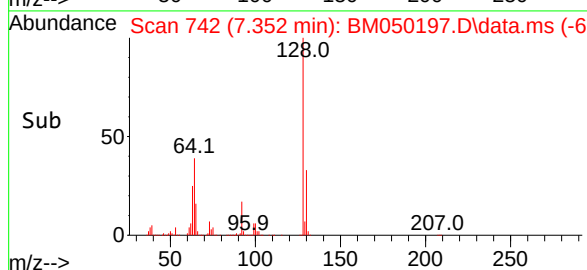
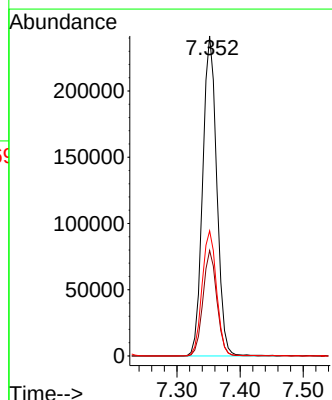
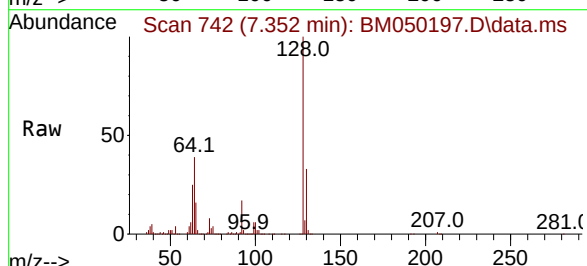
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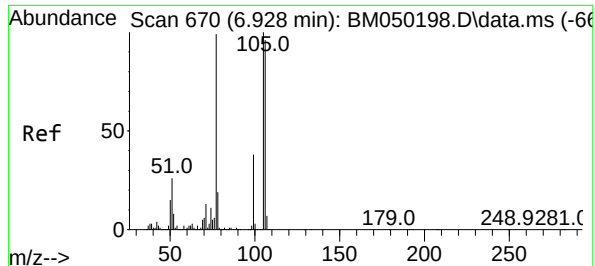
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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# 61

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

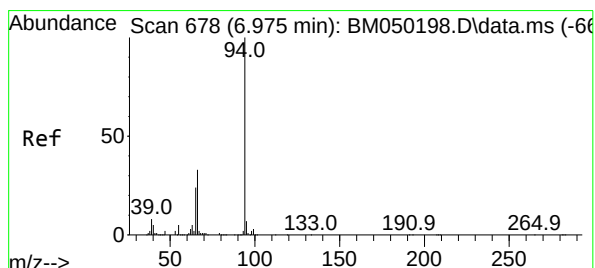
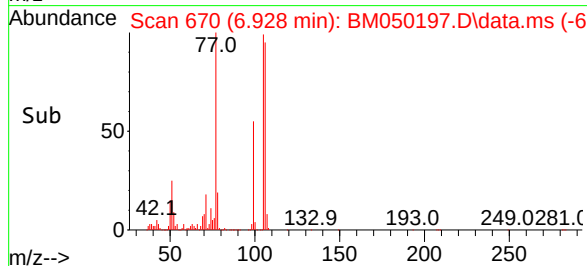
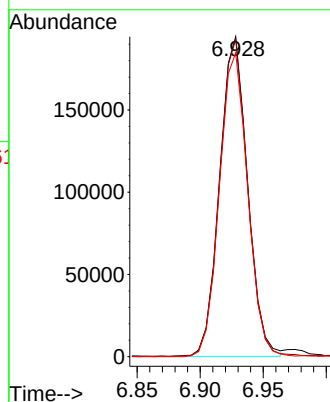
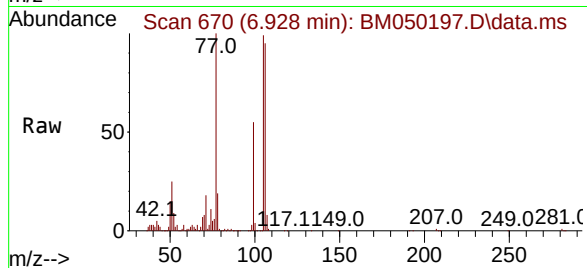
106 95.0 77.1 117.1

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

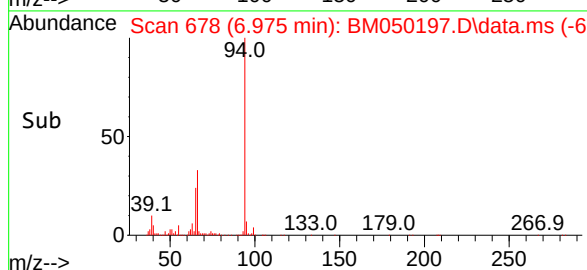
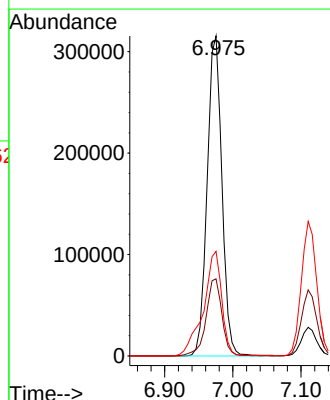
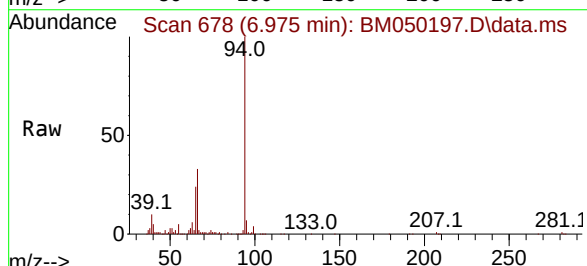
Tgt Ion: 94 Resp: 475205

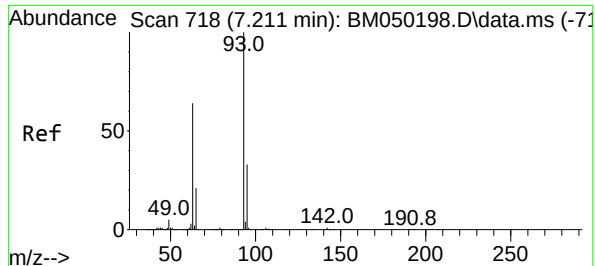
Ion Ratio Lower Upper

94 100

65 24.1 4.3 44.3

66 32.7 12.9 52.9





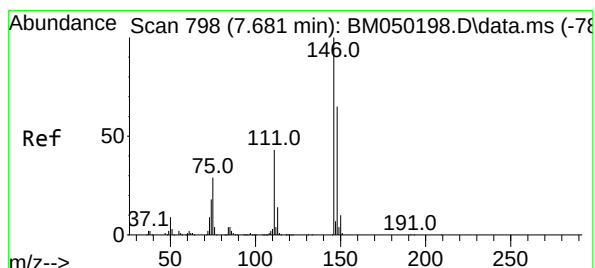
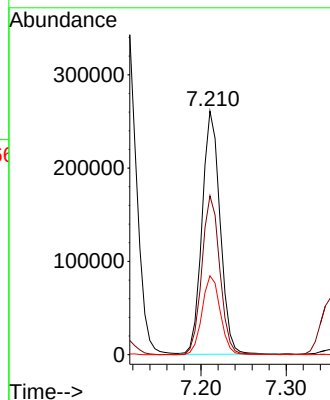
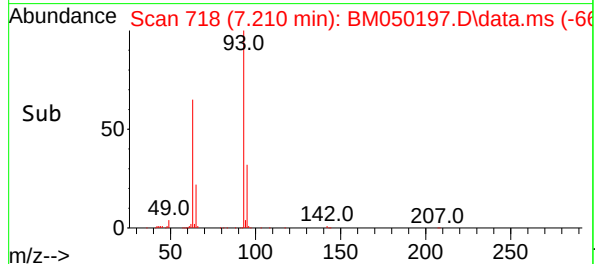
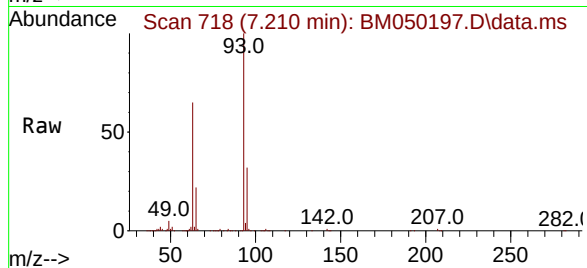
#11
bis(2-Chloroethyl)ether
Concen: 20.543 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

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

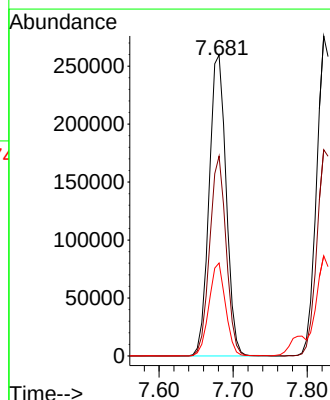
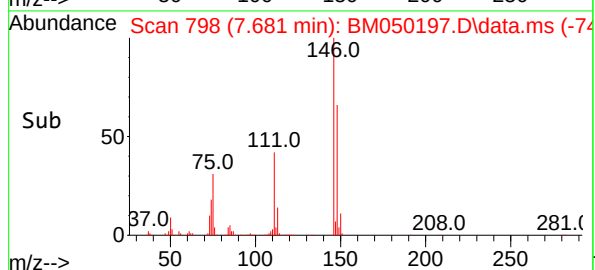
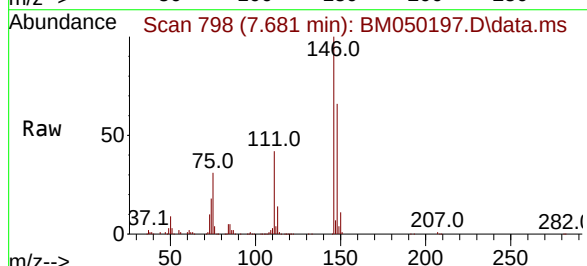
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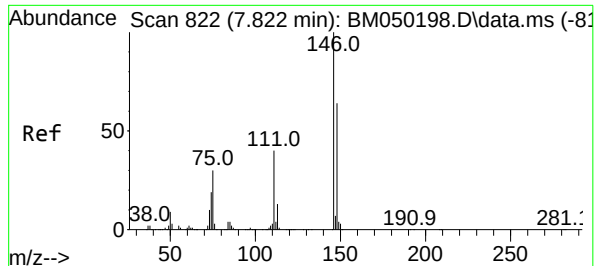
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

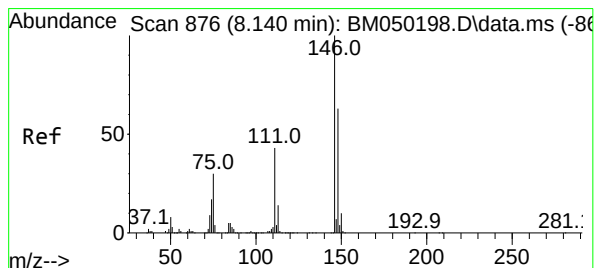
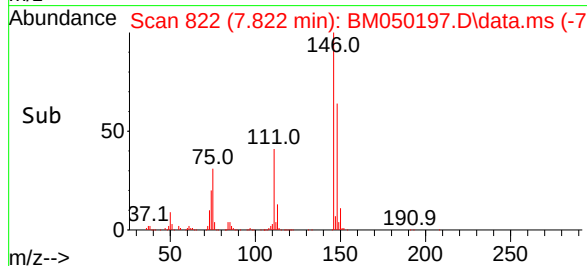
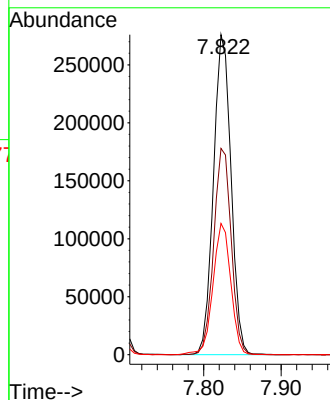
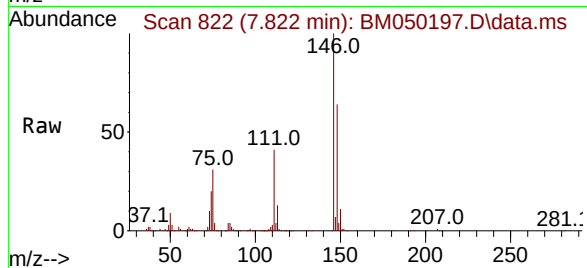
111 41.0 32.3 48.5

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

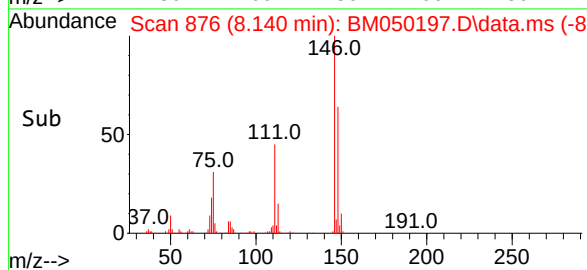
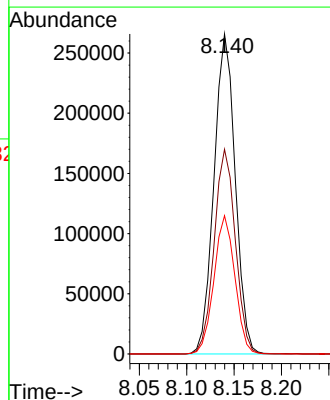
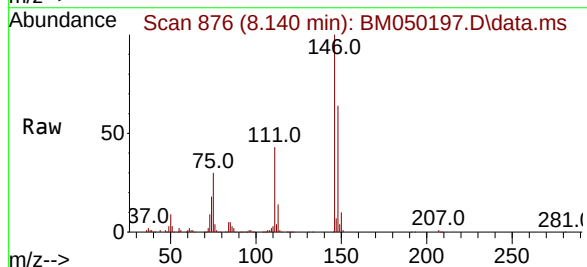
Tgt Ion:146 Resp: 414769

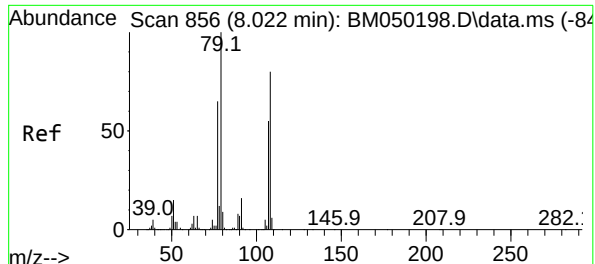
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

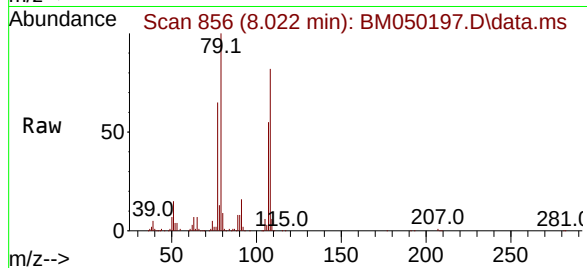
111 43.2 34.3 51.5





#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

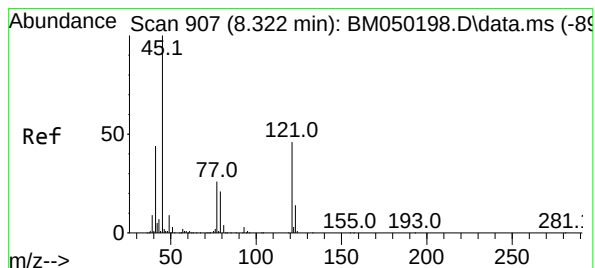
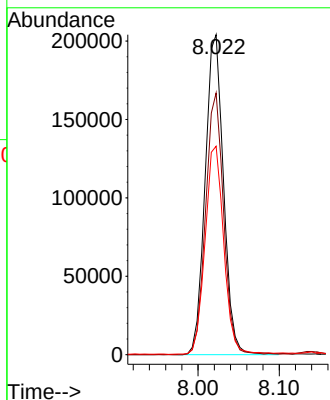
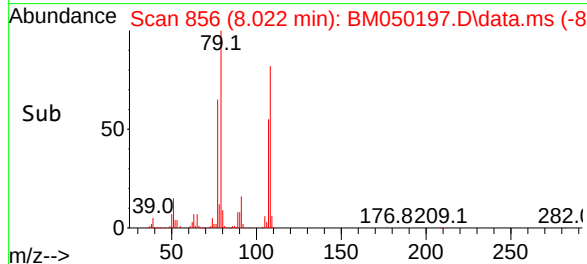
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

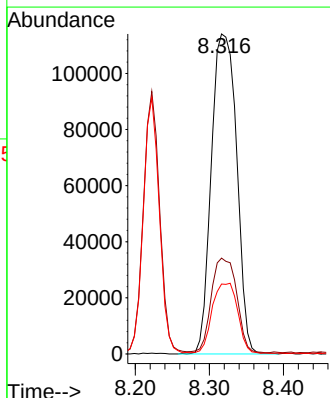
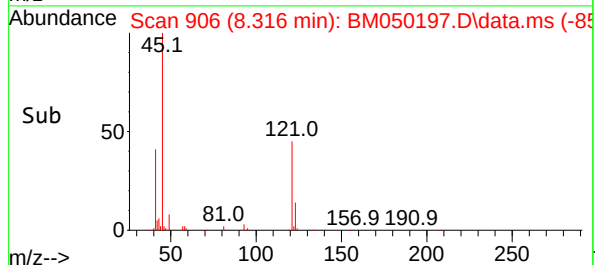
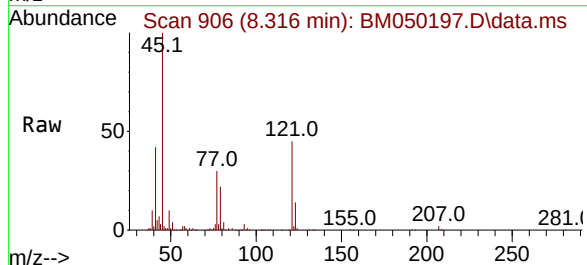
Manual Integrations
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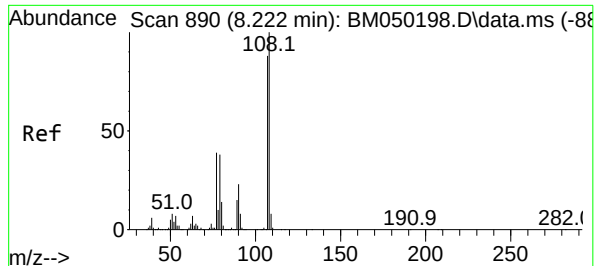
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

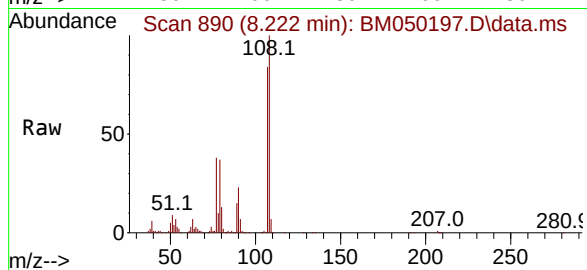
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



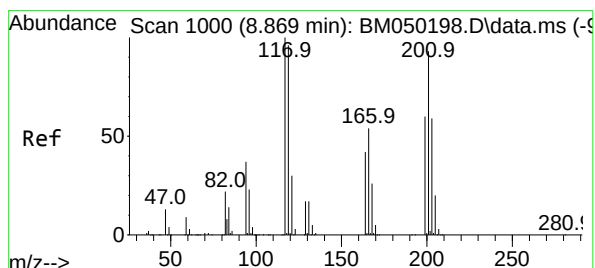
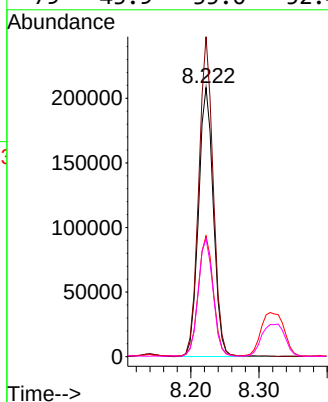
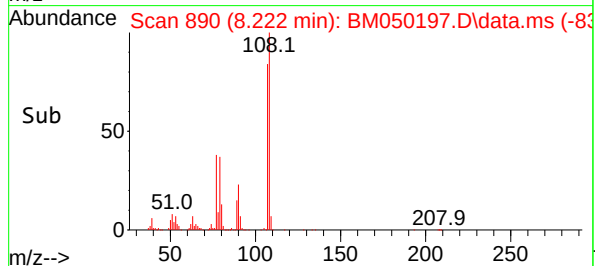
Tgt Ion:	107	Resp:	31499
Ion	Ratio	Lower	Upper
107	100		
108	118.9	90.8	136.2
77	44.9	35.7	53.5
79	43.9	35.0	52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#18

Hexachloroethane

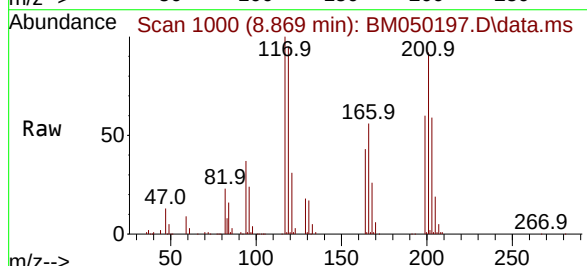
Concen: 19.885 ng

RT: 8.869 min Scan# 1000

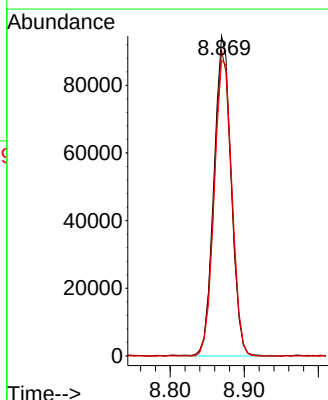
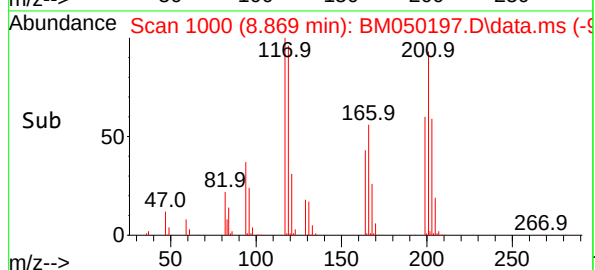
Delta R.T. -0.000 min

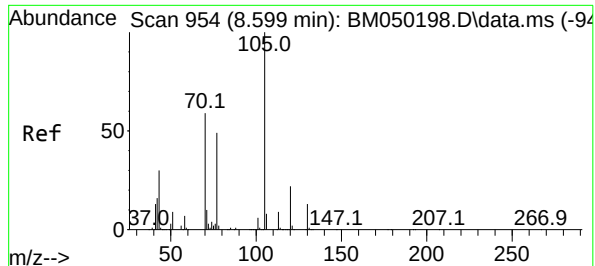
Lab File: BM050197.D

Acq: 05 Jun 2025 11:17



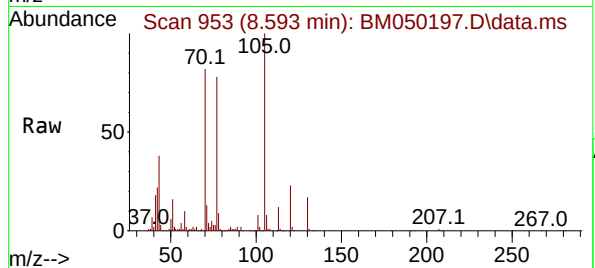
Tgt Ion:	117	Resp:	153532
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
201	92.4	74.6	111.8





#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

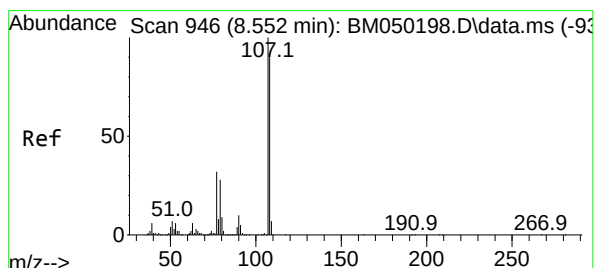
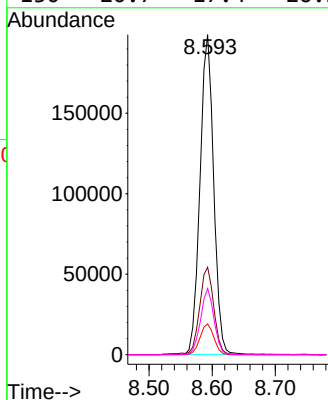
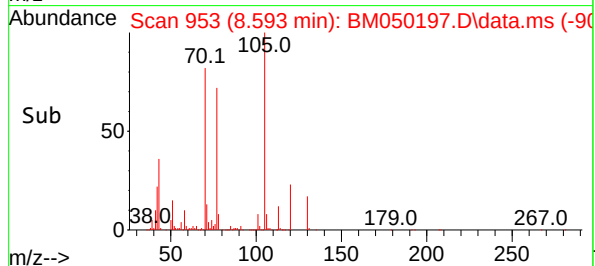
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



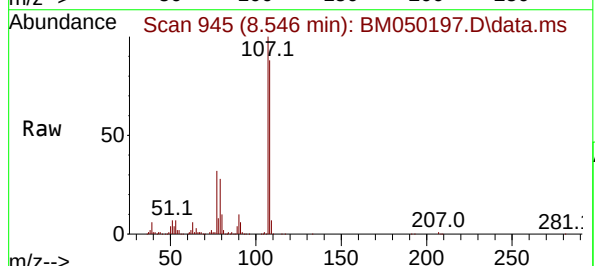
Tgt Ion: 70 Resp: 29797
Ion Ratio Lower Upper
70 100
42 27.4 22.6 33.8
101 9.6 8.3 12.5
130 20.7 17.4 26.2

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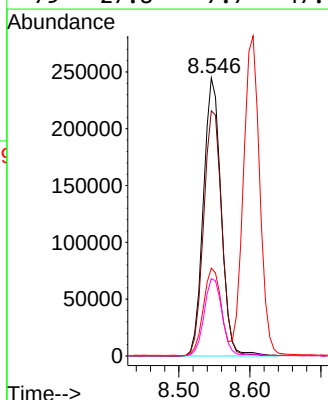
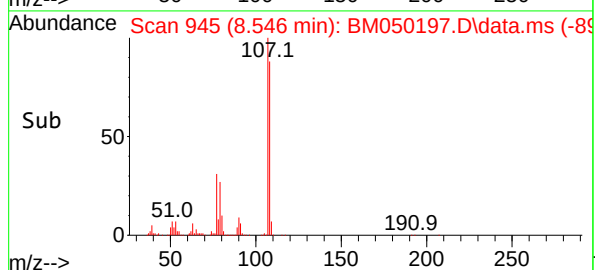
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

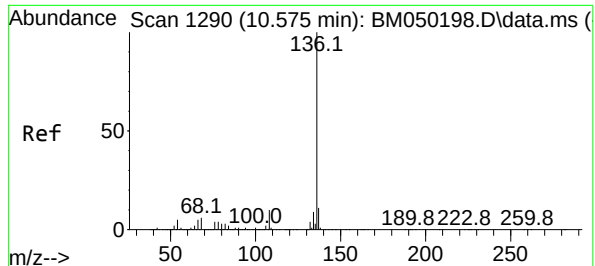


#20
3+4-Methylphenols
Concen: 20.798 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



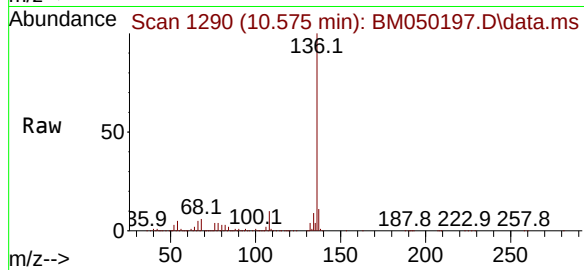
Tgt Ion:107 Resp: 426134
Ion Ratio Lower Upper
107 100
108 88.2 70.4 110.4
77 31.6 12.2 52.2
79 27.8 7.7 47.7





#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

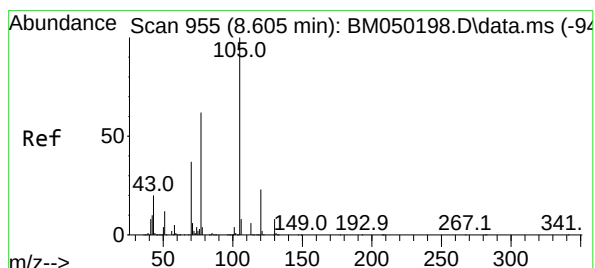
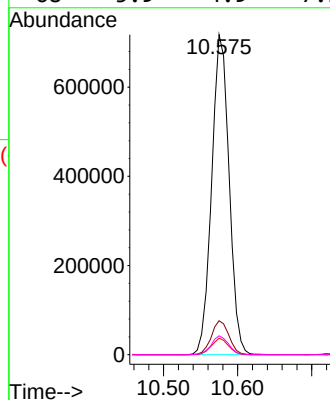
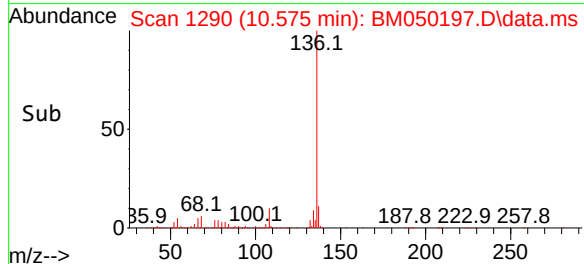
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

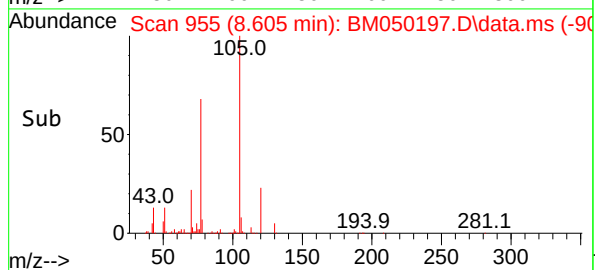
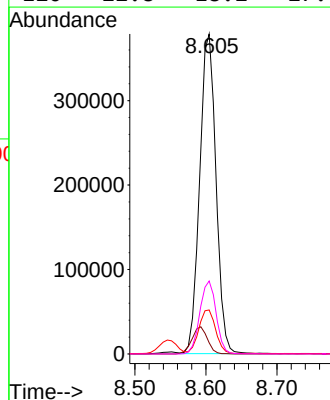
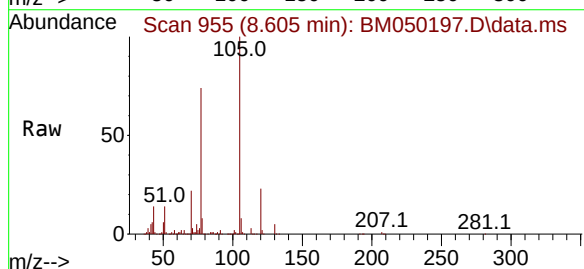
Manual Integrations
APPROVED

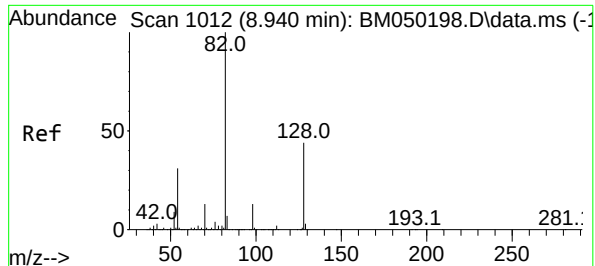
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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: 91733

Ion Ratio Lower Upper

82 100

128 42.6 35.2 52.8

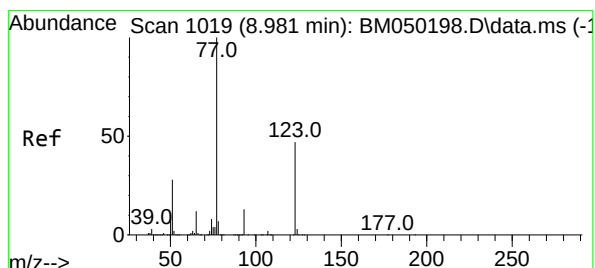
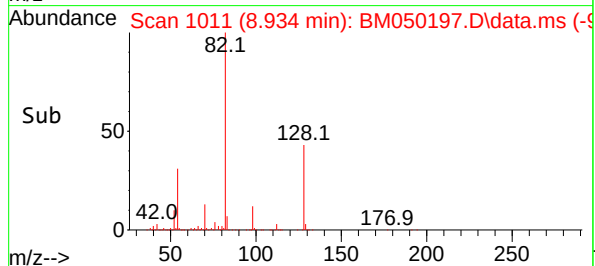
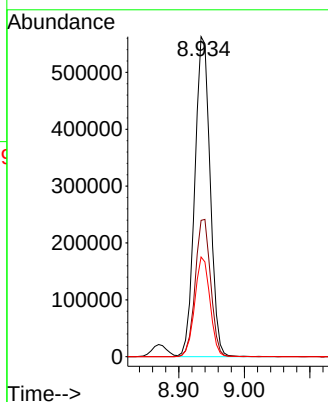
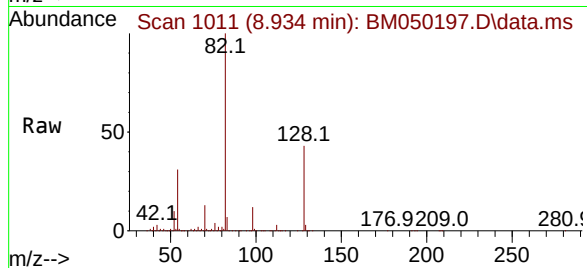
54 31.1 24.5 36.7

Manual Integrations

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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

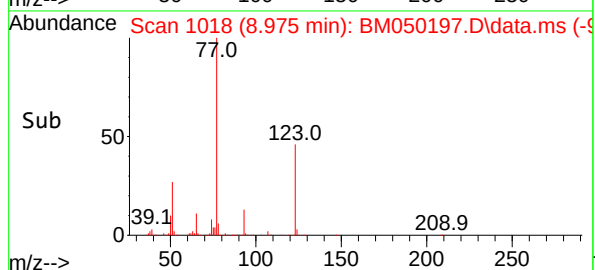
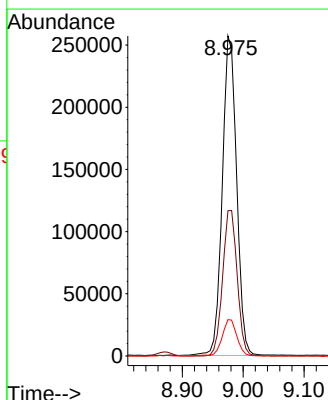
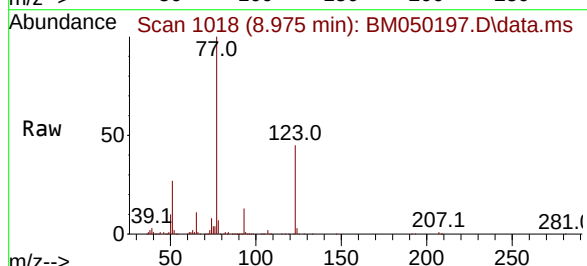
Tgt Ion: 77 Resp: 420036

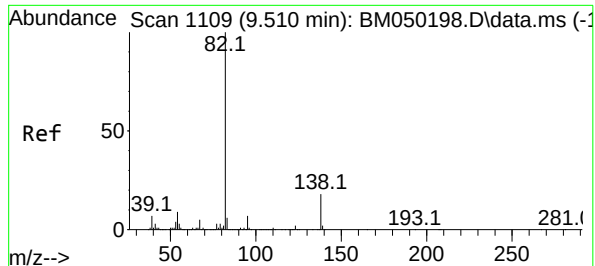
Ion Ratio Lower Upper

77 100

123 45.4 38.2 57.2

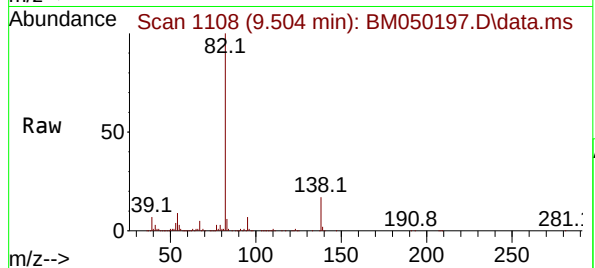
65 11.3 9.5 14.3





#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

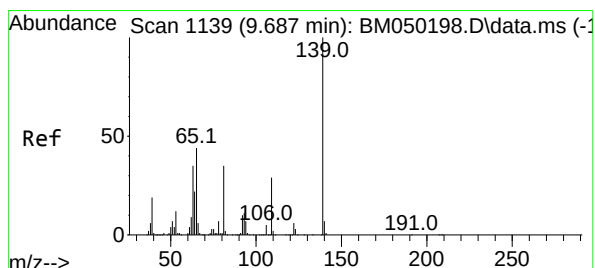
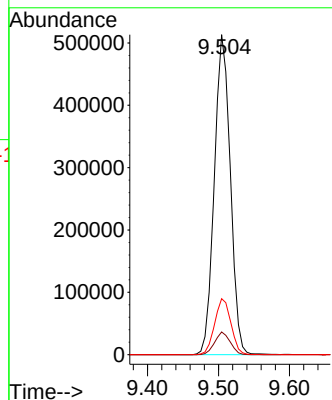
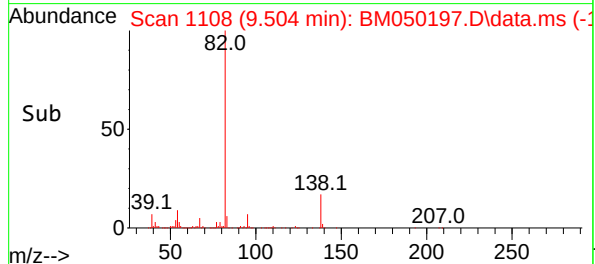
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

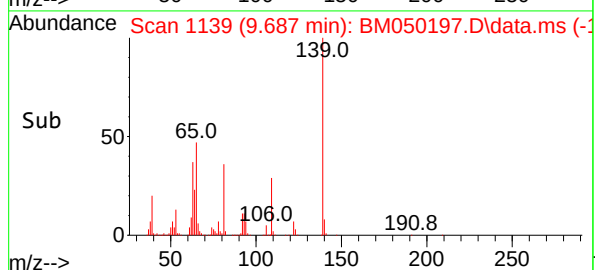
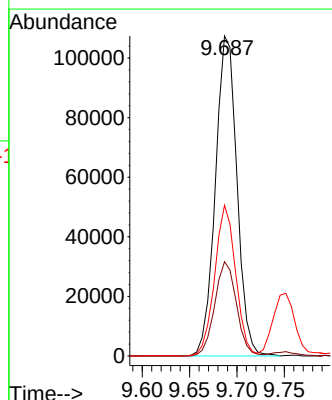
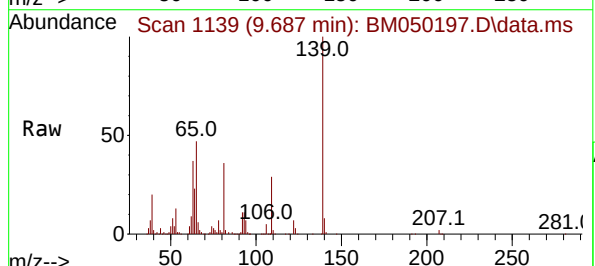
Manual Integrations
APPROVED

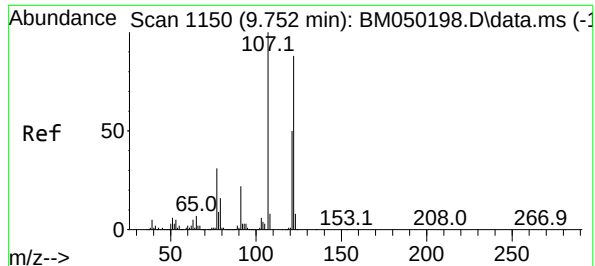
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

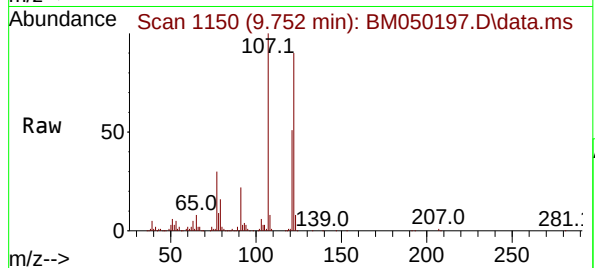
Tgt Ion:139 Resp: 170594
Ion Ratio Lower Upper
139 100
109 29.4 23.3 34.9
65 47.1 35.2 52.8





#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

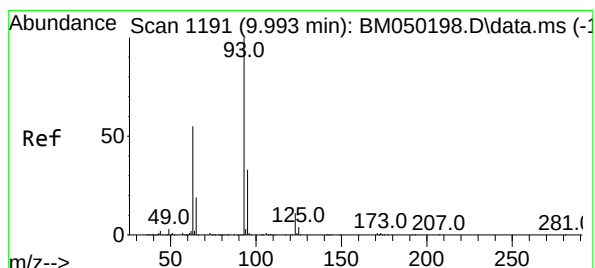
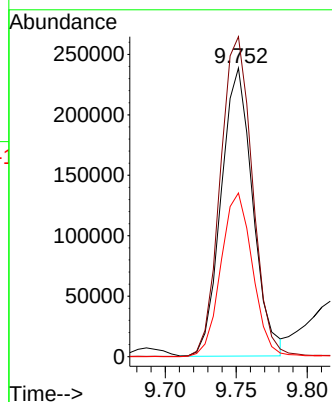
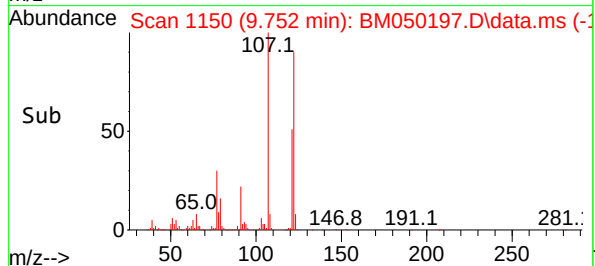
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

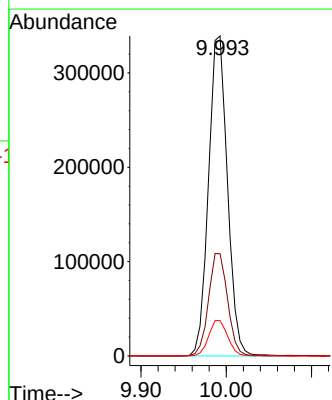
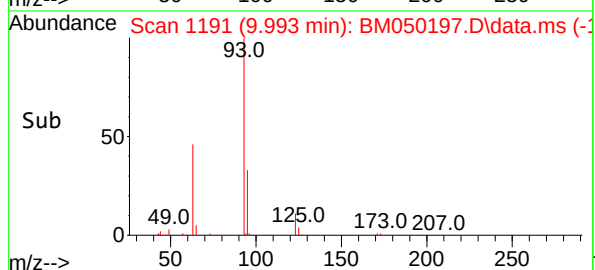
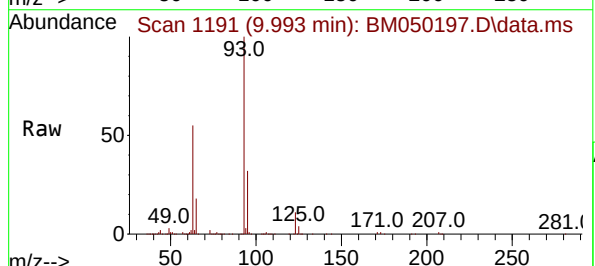
Manual Integrations
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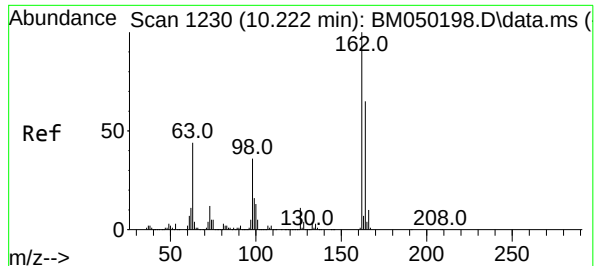
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

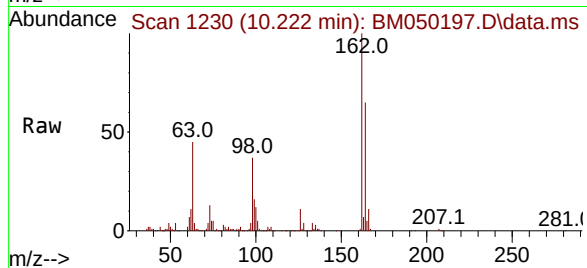
Tgt Ion: 93 Resp: 523393
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 11.1 8.9 13.3





#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

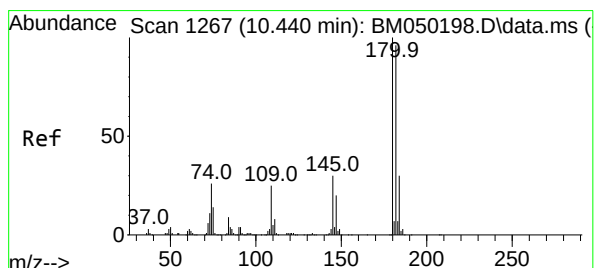
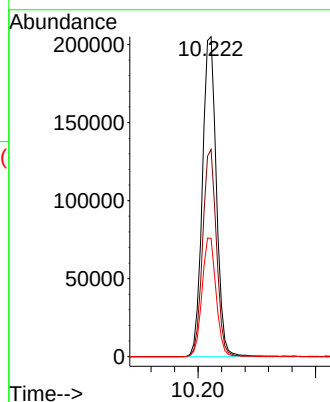
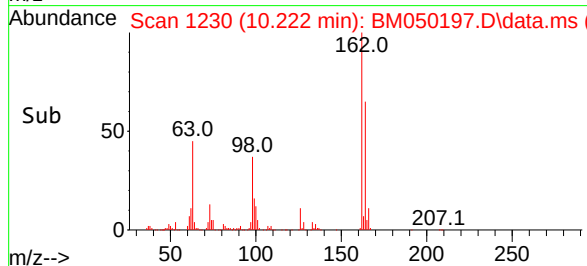
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

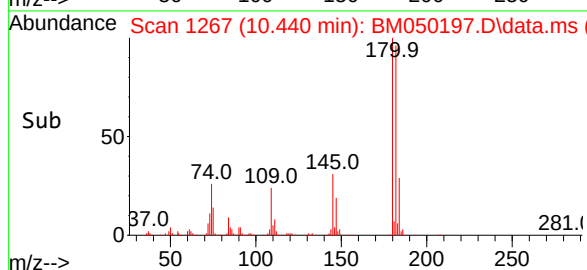
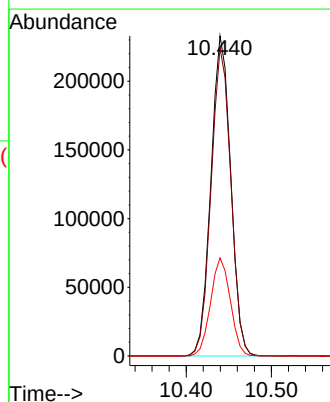
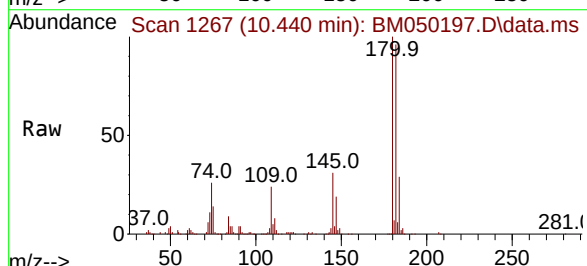
Manual Integrations
APPROVED

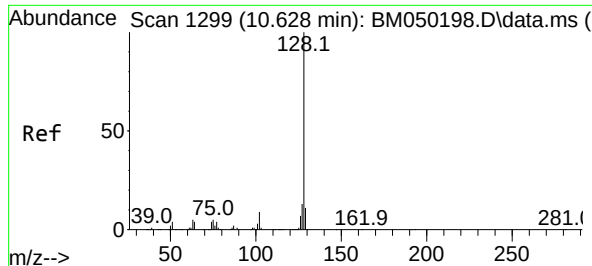
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

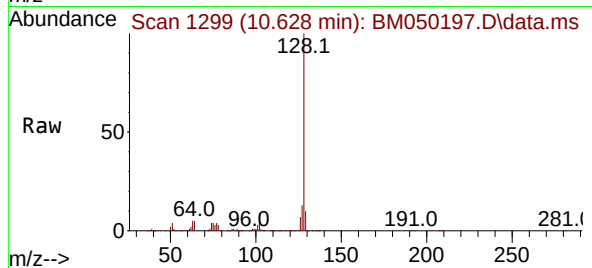
Tgt Ion:180 Resp: 375562
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 30.6 24.2 36.4





#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

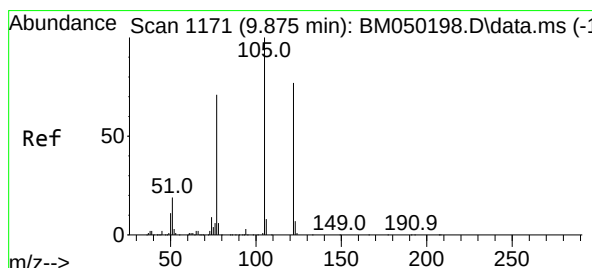
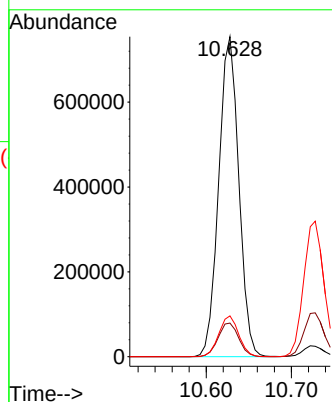
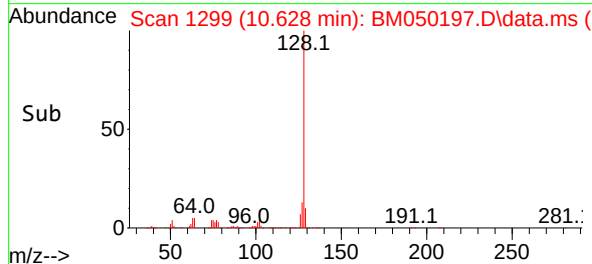
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

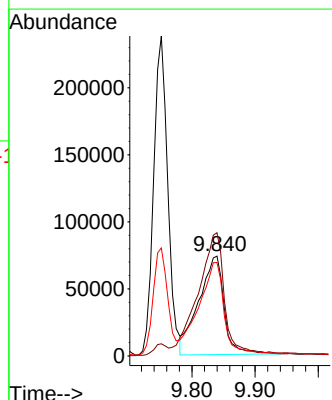
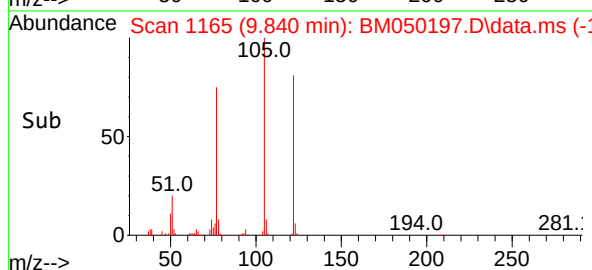
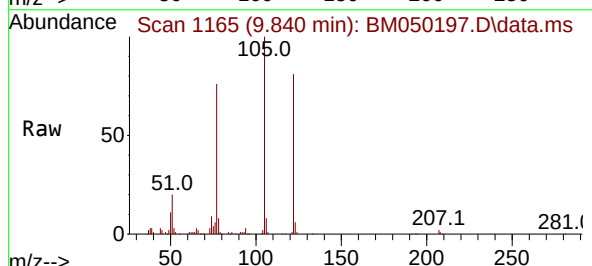
Manual Integrations
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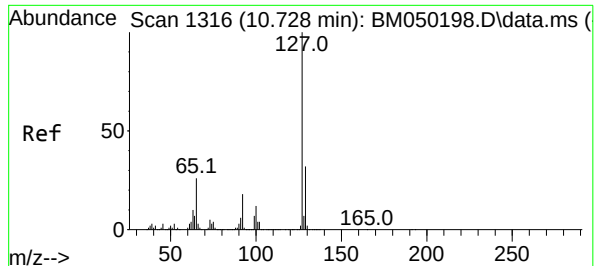
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

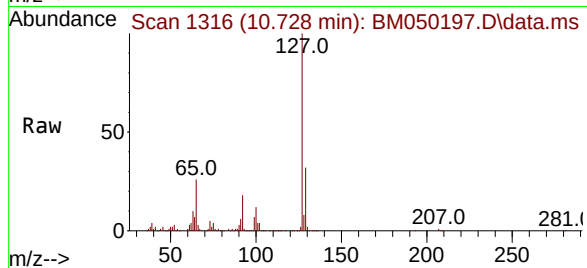
Tgt Ion:122 Resp: 205878
Ion Ratio Lower Upper
122 100
105 123.3 103.4 143.4
77 93.5 70.3 110.3





#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

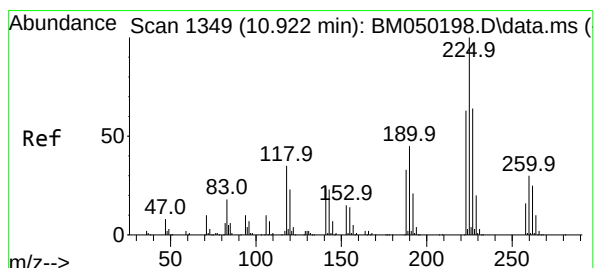
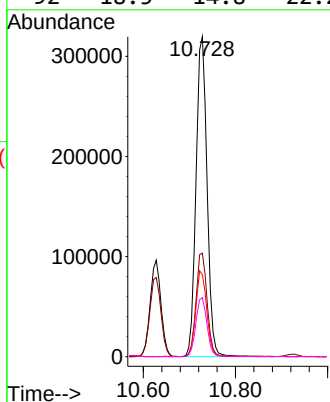
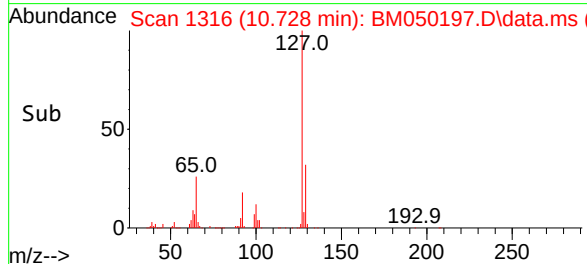
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



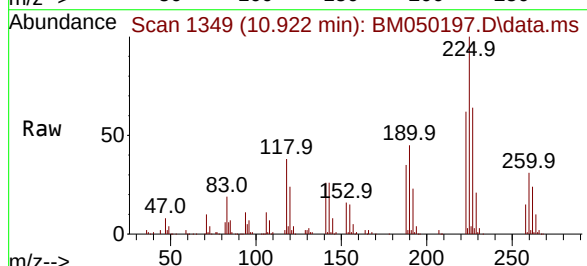
Tgt Ion:127 Resp: 53149
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 25.6 21.0 31.4
92 18.5 14.8 22.2

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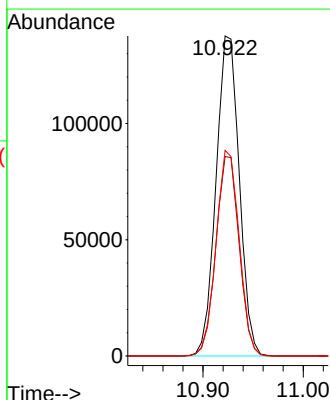
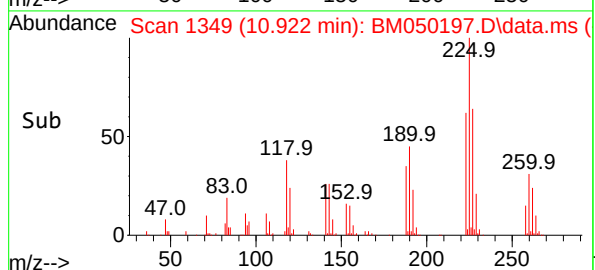
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

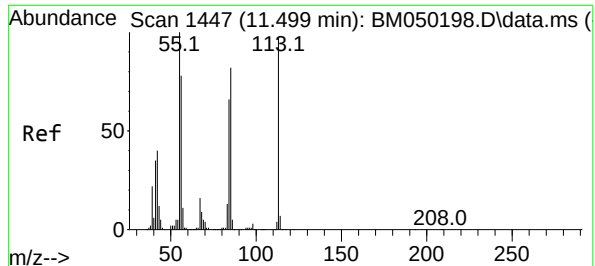


#34
Hexachlorobutadiene
Concen: 19.910 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



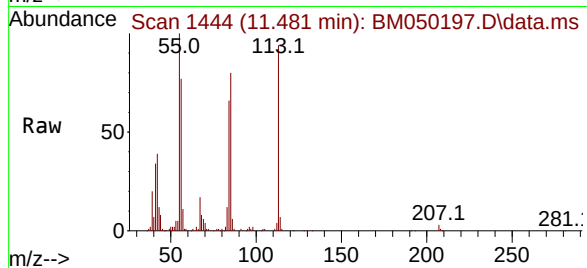
Tgt Ion:225 Resp: 221558
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 64.3 51.0 76.4





#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

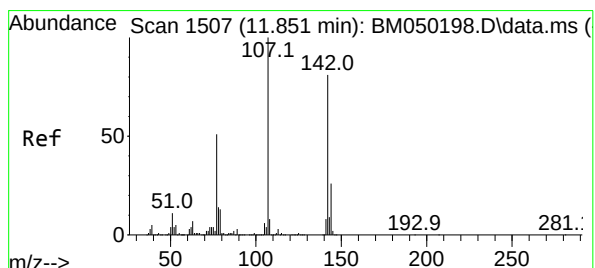
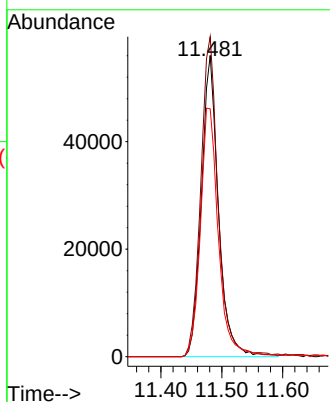
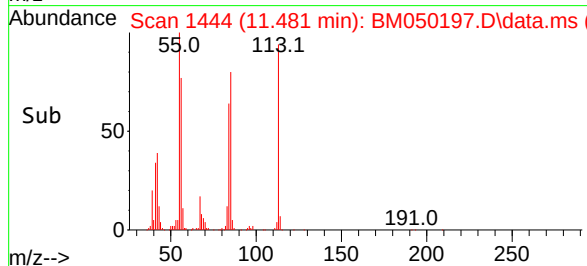
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

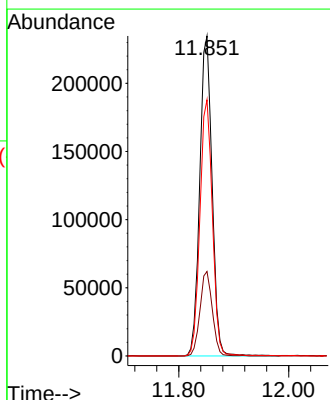
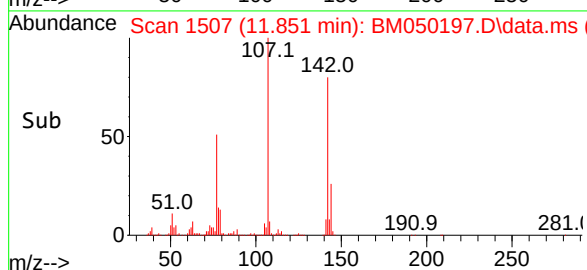
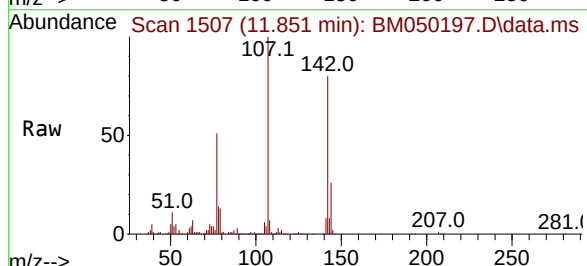
Manual Integrations
APPROVED

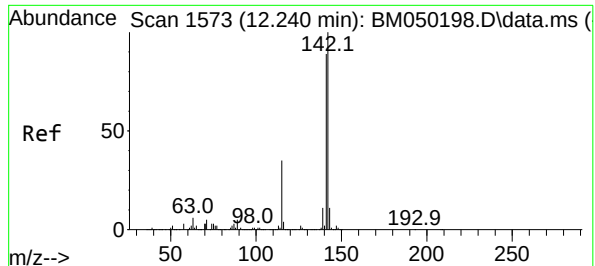
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

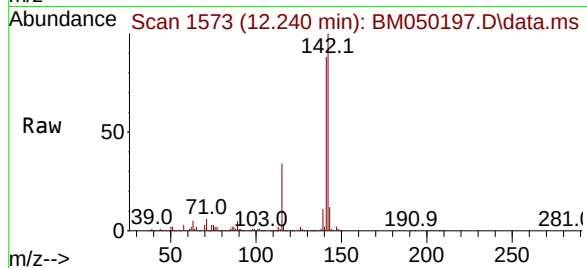
Tgt Ion:107 Resp: 366554
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.6
142 80.0 64.8 97.2





#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

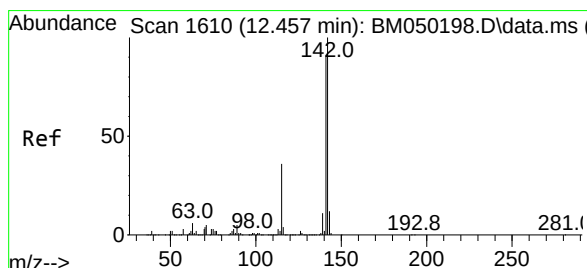
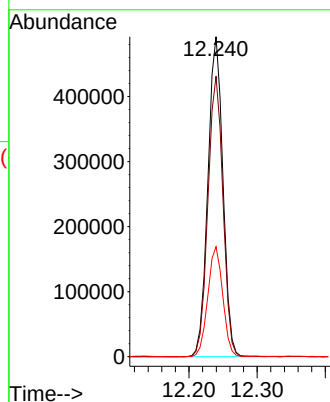
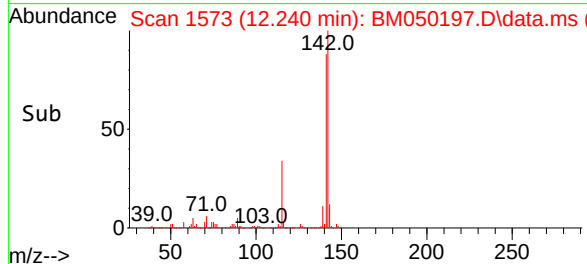
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

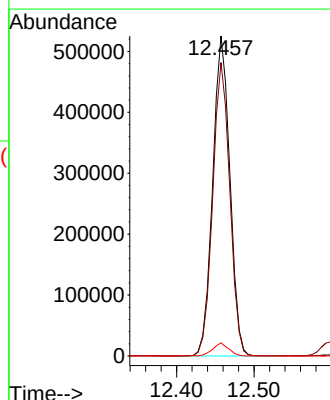
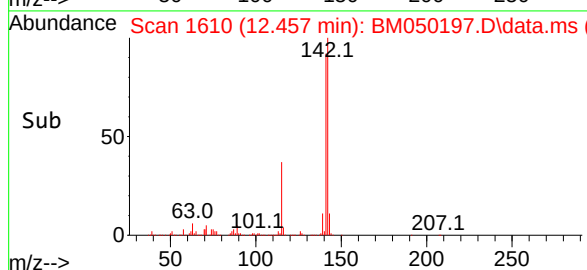
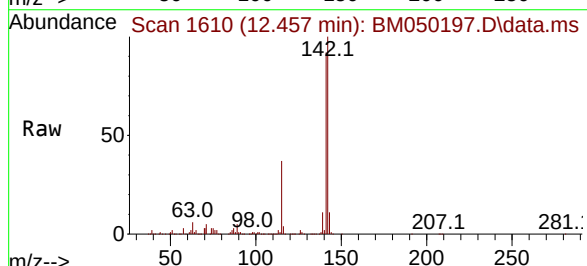
Manual Integrations
APPROVED

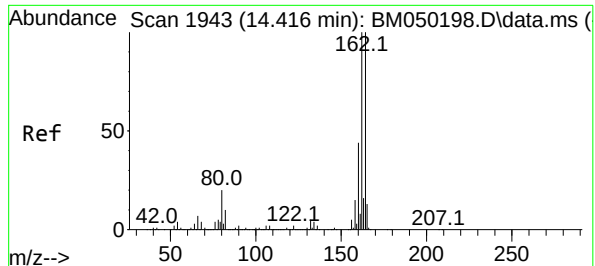
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

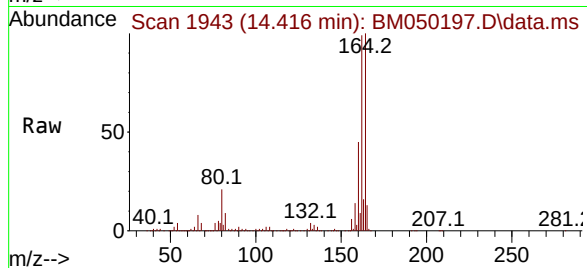
Tgt Ion:142 Resp: 806687
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3
116 4.1 3.0 4.6





#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

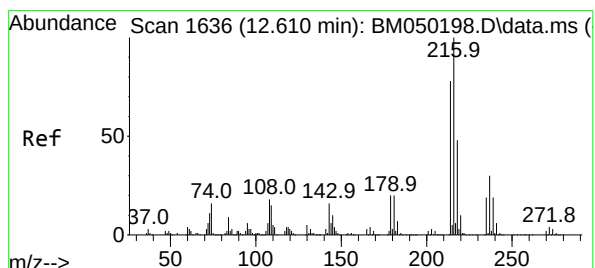
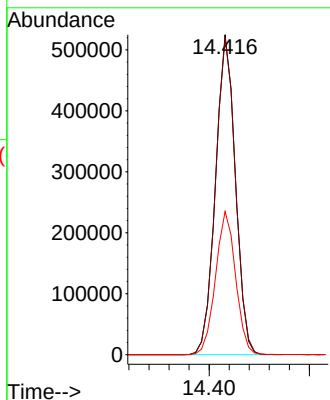
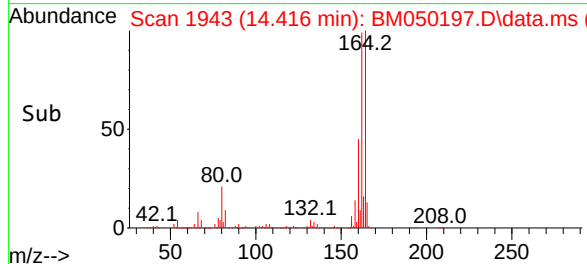
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

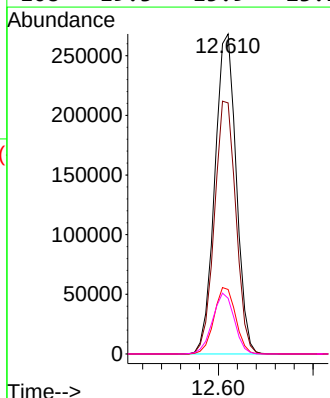
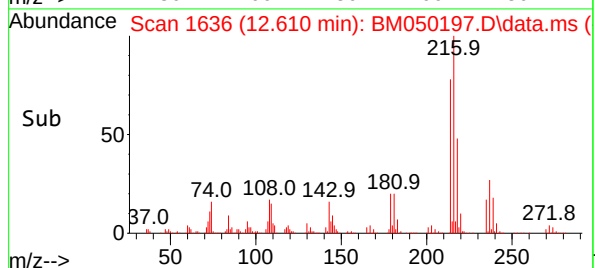
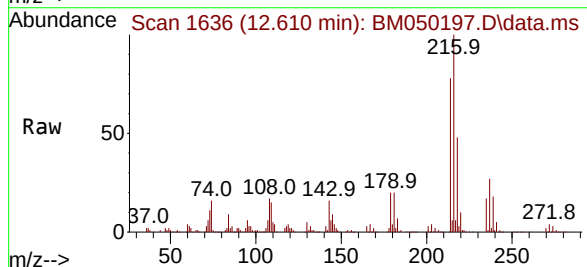
Manual Integrations
APPROVED

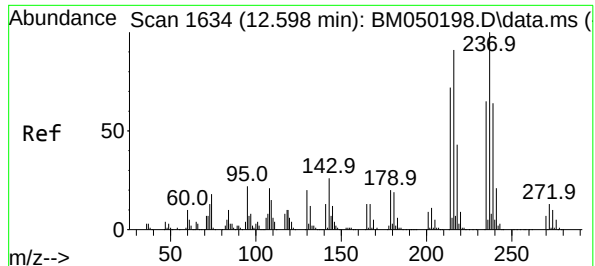
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

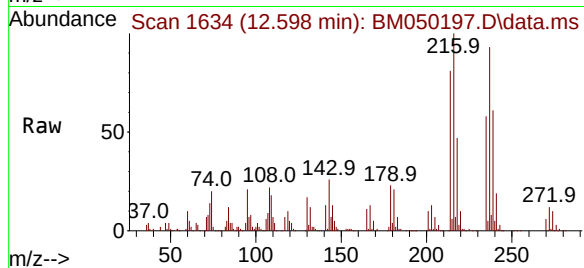
Tgt Ion:216 Resp: 421559
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 20.9 16.6 25.0
108 19.3 15.9 23.9





#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

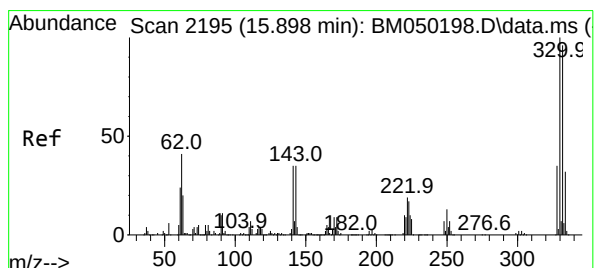
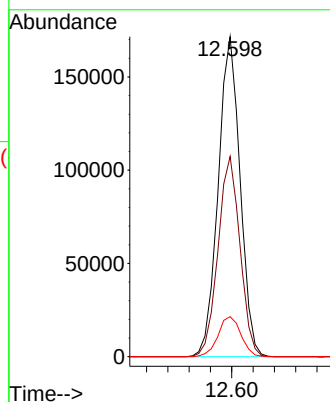
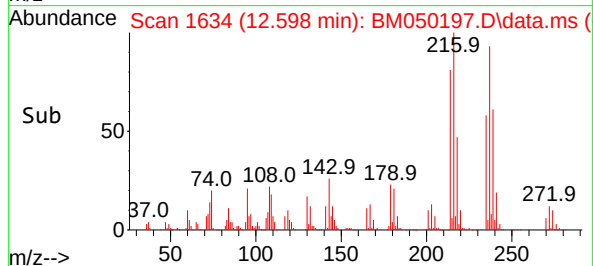
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



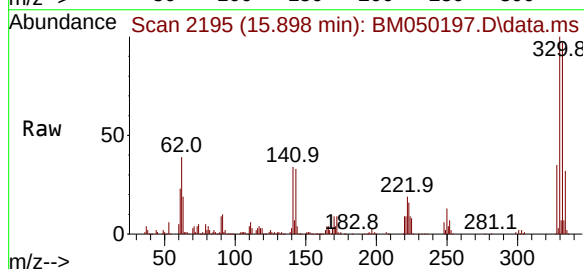
Tgt Ion: 237 Resp: 24425
Ion Ratio Lower Upper
237 100
235 62.6 44.6 84.6
272 12.5 0.0 33.1

Manual Integrations
APPROVED

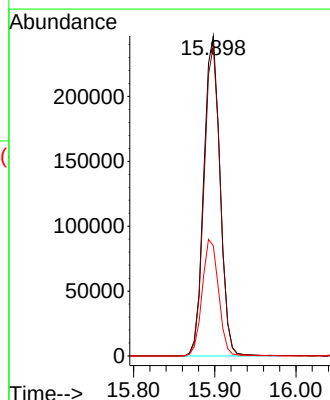
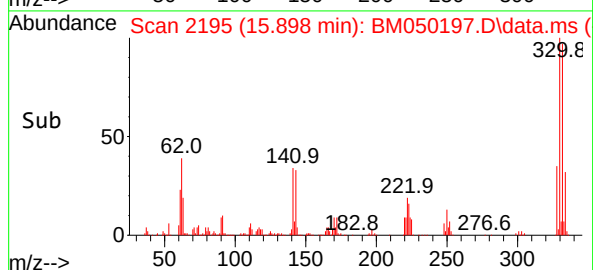
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

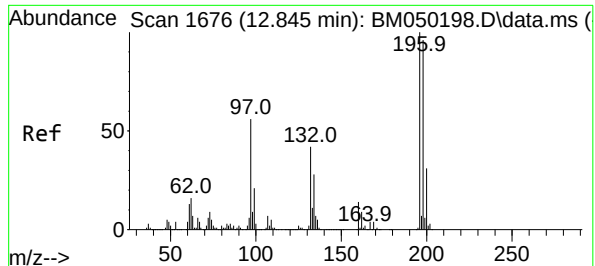


#42
2,4,6-Tribromophenol
Concen: 41.770 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



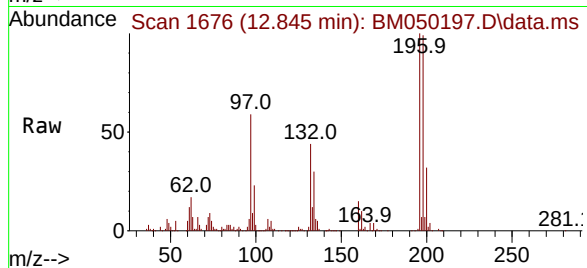
Tgt Ion: 330 Resp: 342402
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 36.8 28.8 43.2





#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

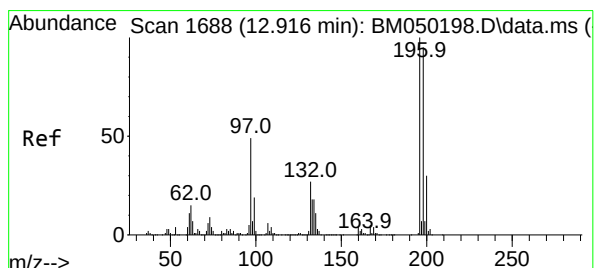
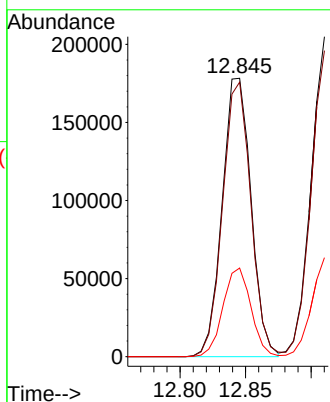
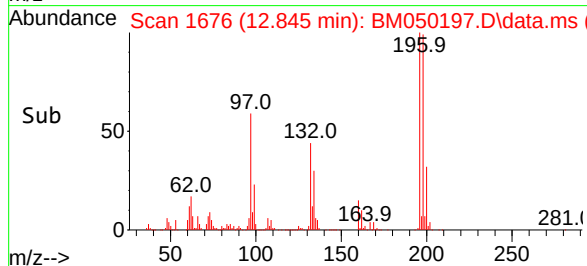
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

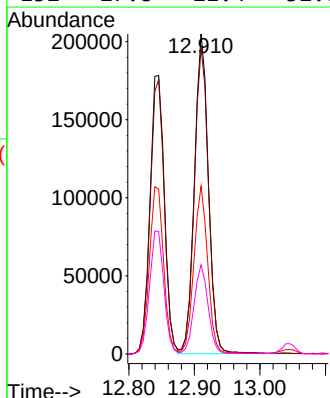
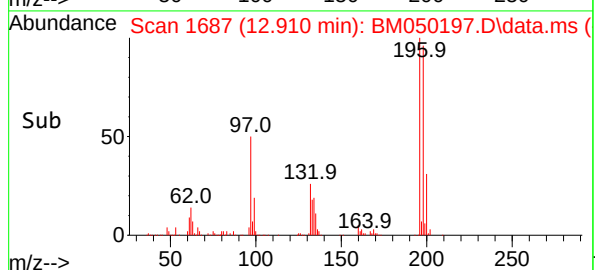
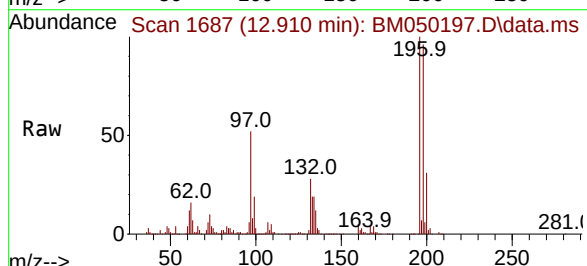
Manual Integrations
APPROVED

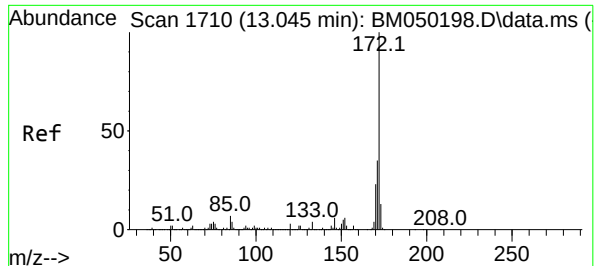
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

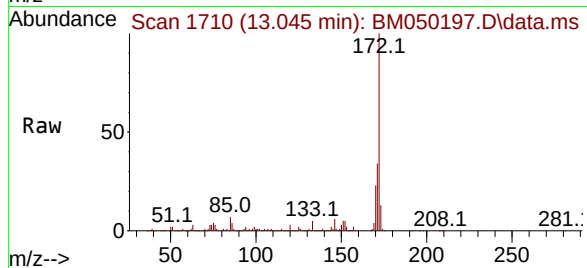
Tgt Ion:196 Resp: 305541
Ion Ratio Lower Upper
196 100
198 95.6 76.1 114.1
97 52.4 39.3 58.9
132 27.8 21.4 32.0





#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

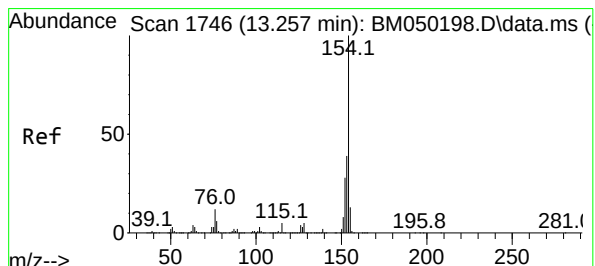
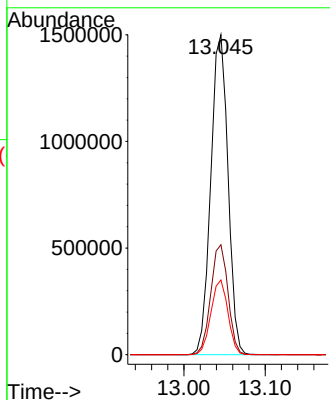
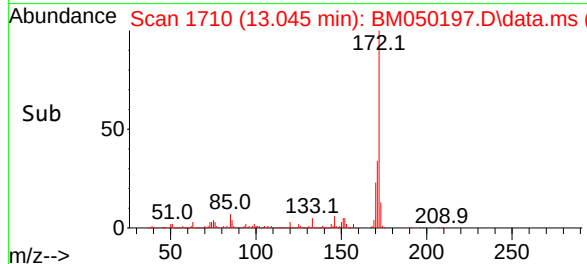
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

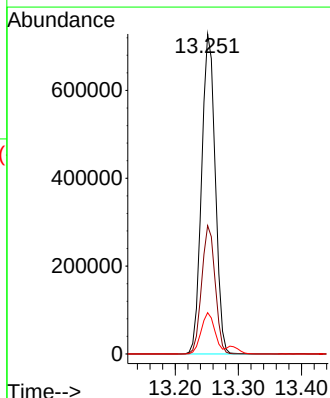
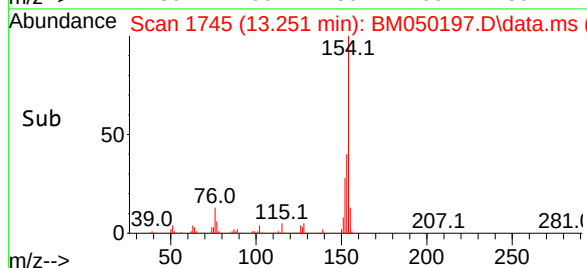
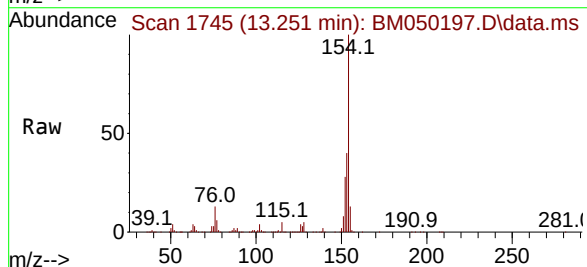
Manual Integrations
APPROVED

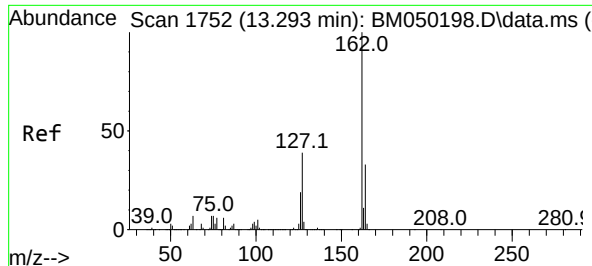
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

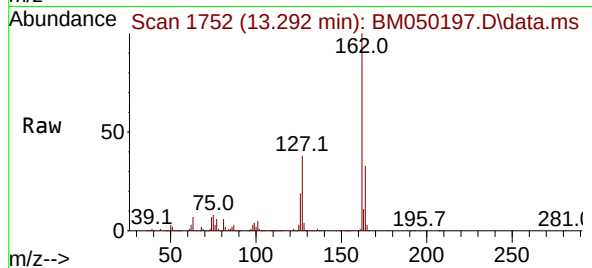
Tgt Ion:154 Resp: 1091201
Ion Ratio Lower Upper
154 100
153 40.1 19.2 59.2
76 12.9 0.0 32.0





#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

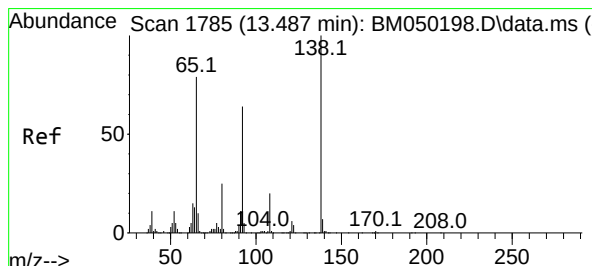
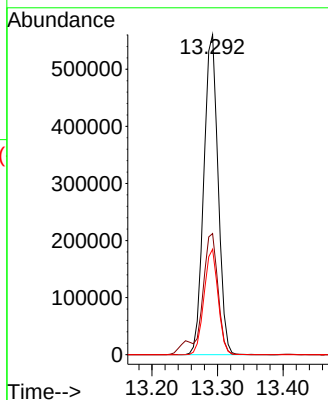
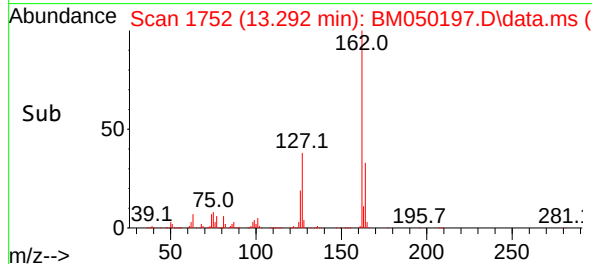
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

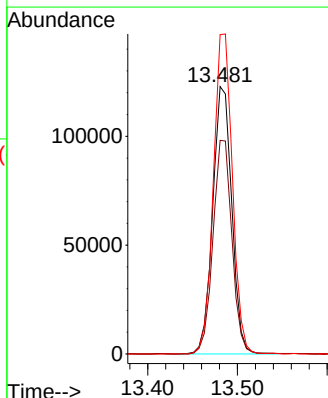
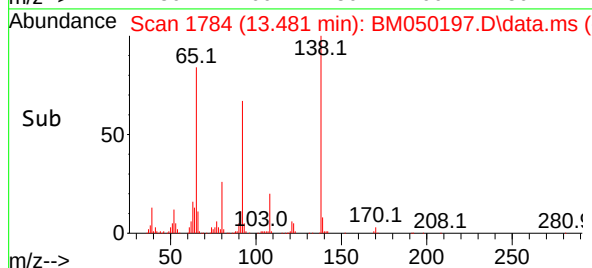
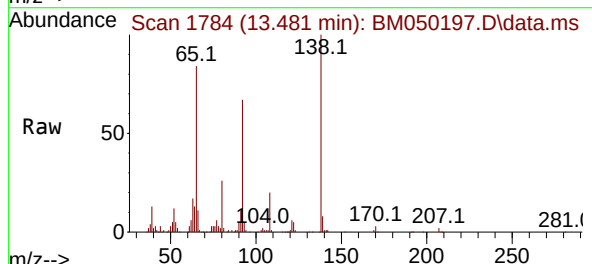
Manual Integrations
APPROVED

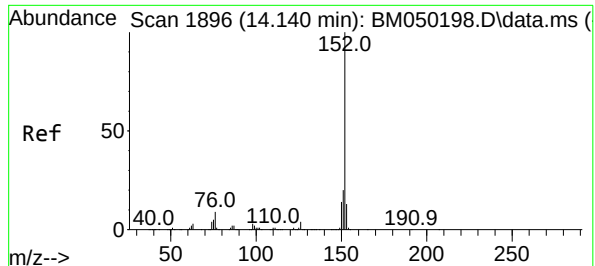
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

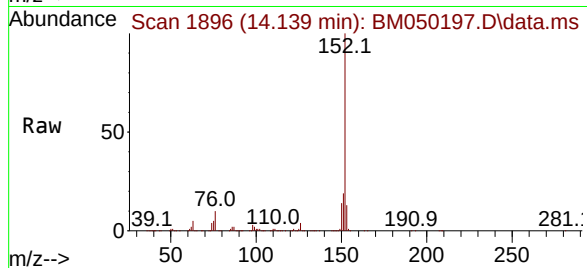
Tgt Ion: 65 Resp: 181276
Ion Ratio Lower Upper
65 100
92 79.9 64.2 96.4
138 119.4 101.0 151.4





#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

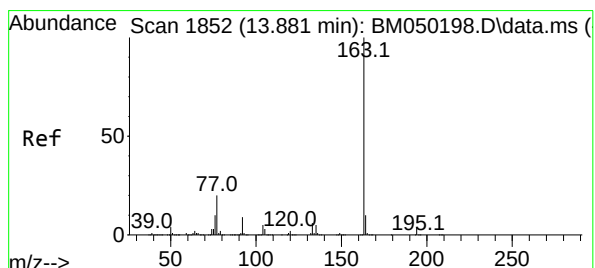
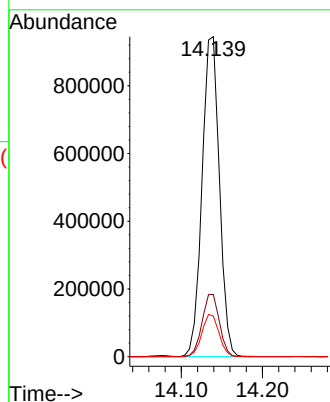
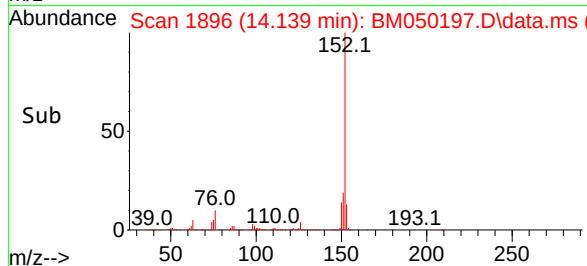
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

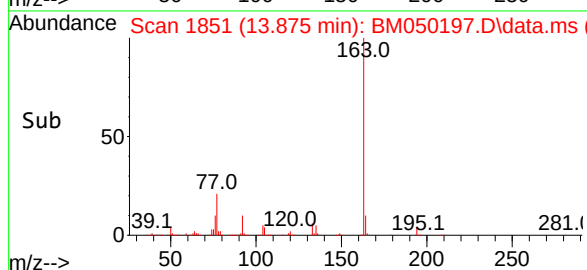
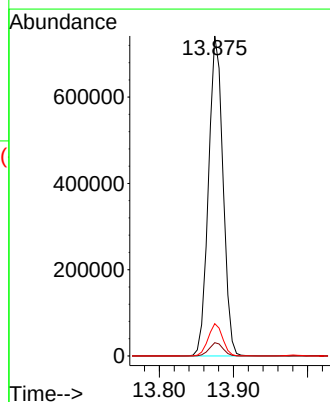
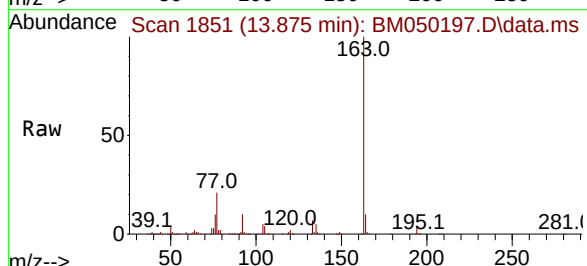
Manual Integrations
APPROVED

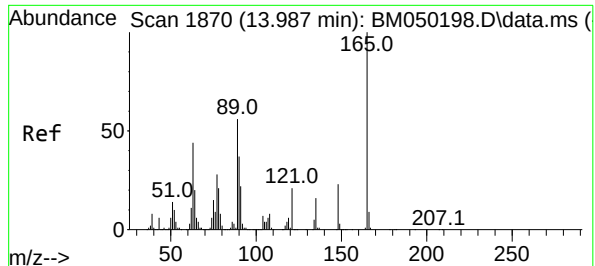
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

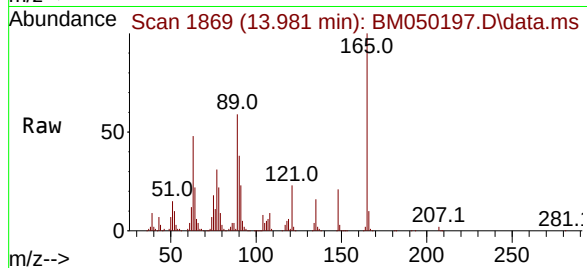
Tgt Ion:163 Resp: 1007787
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9





#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

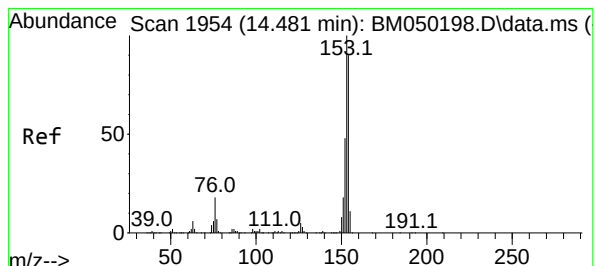
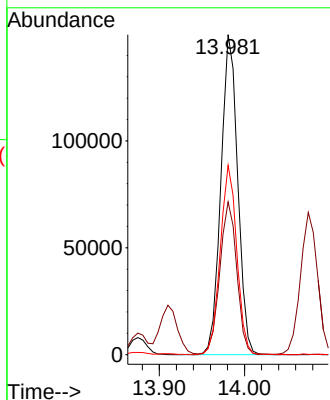
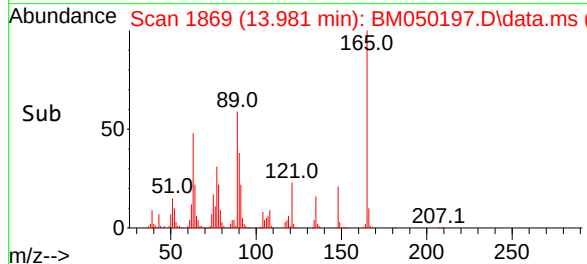
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

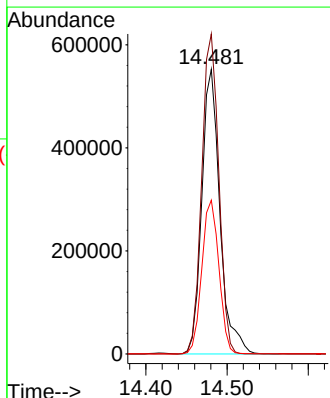
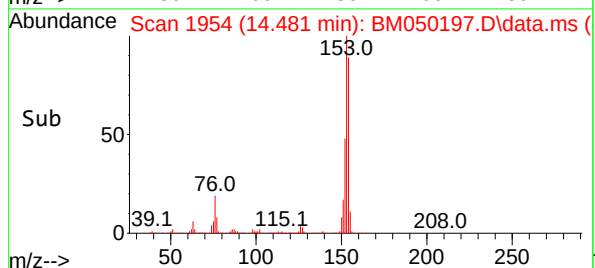
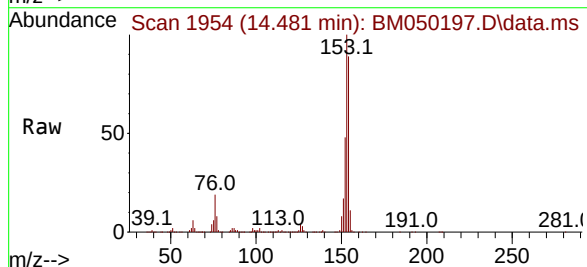
Manual Integrations
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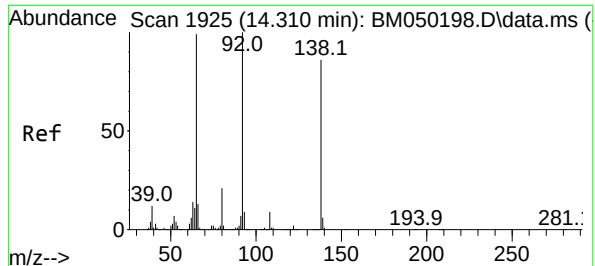
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

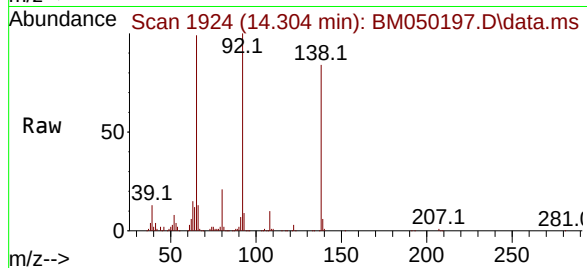
Tgt Ion:154 Resp: 854295
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 54.0 42.6 63.8





#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

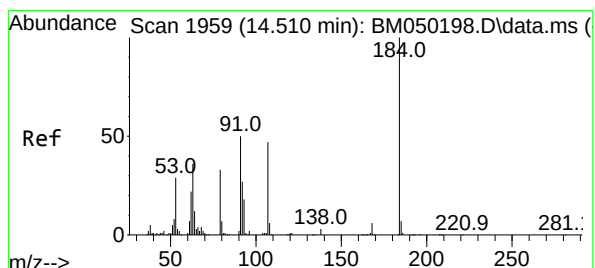
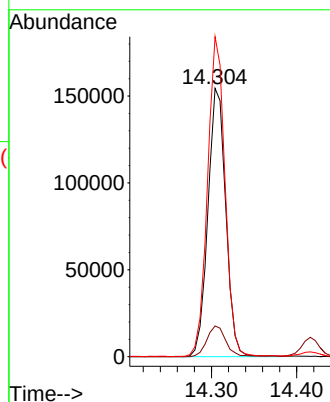
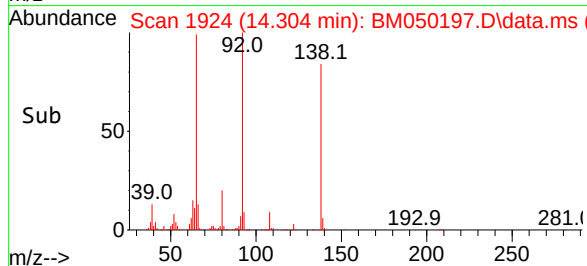
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

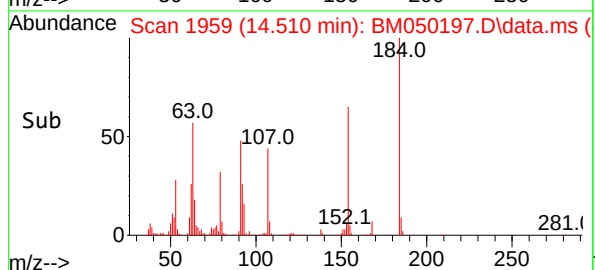
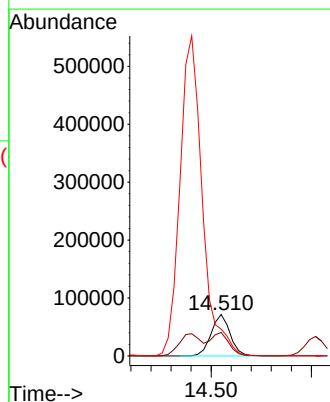
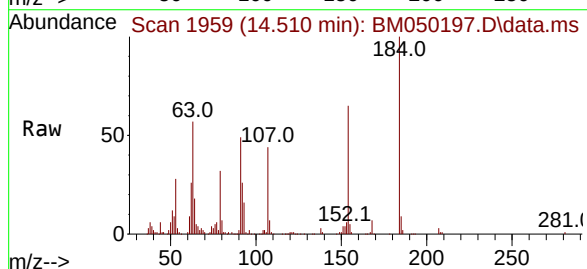
Manual Integrations
APPROVED

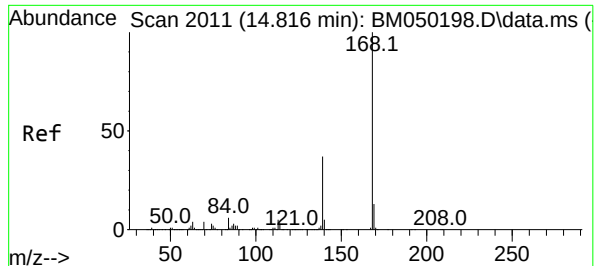
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

Dibenzofuran

Concen: 20.605 ng

RT: 14.816 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BM050197.D

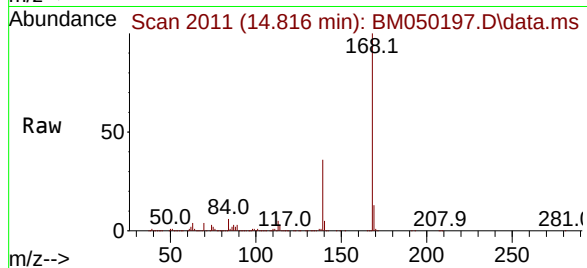
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:168 Resp: 127945

Ion Ratio Lower Upper

168 100

139 36.1 29.9 44.9

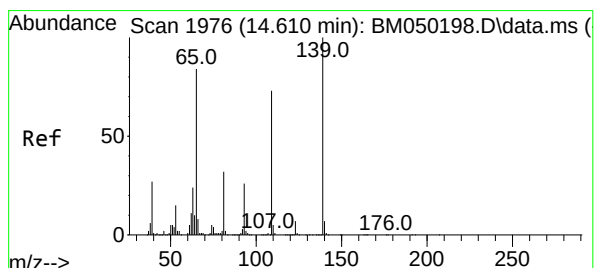
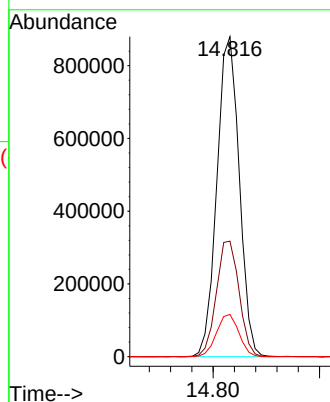
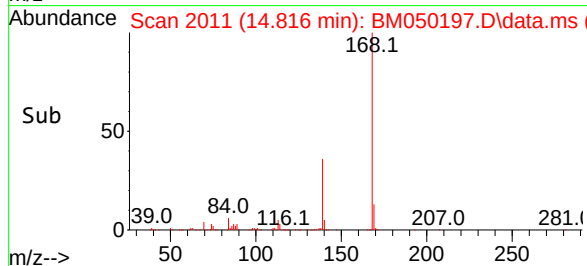
169 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#56

4-Nitrophenol

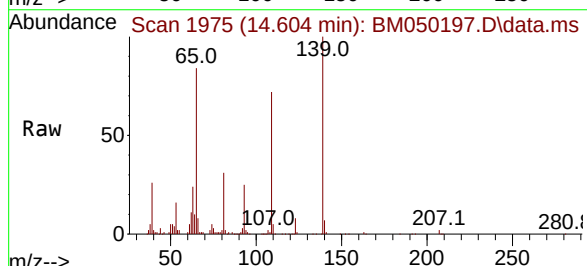
Concen: 20.518 ng

RT: 14.604 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BM050197.D

Acq: 05 Jun 2025 11:17



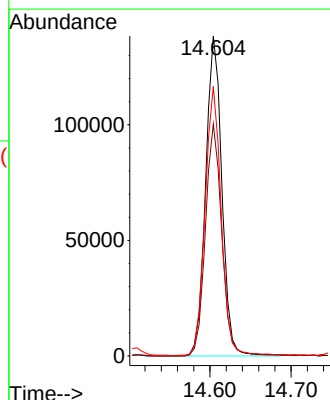
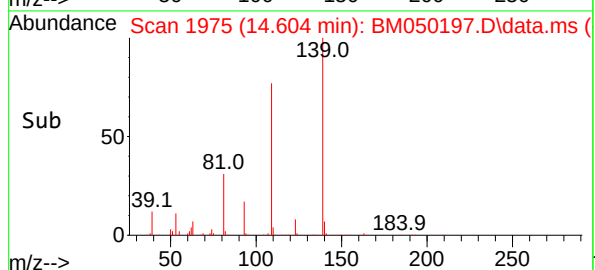
Tgt Ion:139 Resp: 191313

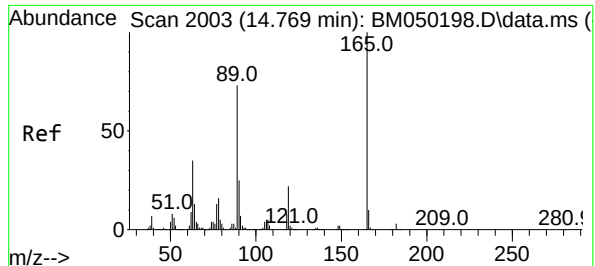
Ion Ratio Lower Upper

139 100

109 72.5 52.6 92.6

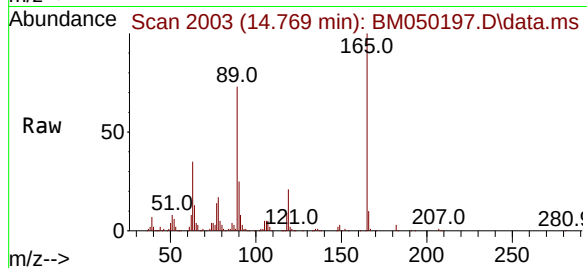
65 84.2 64.3 104.3





#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

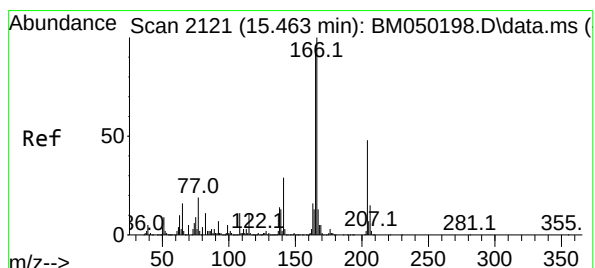
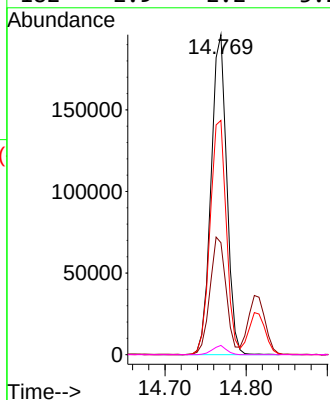
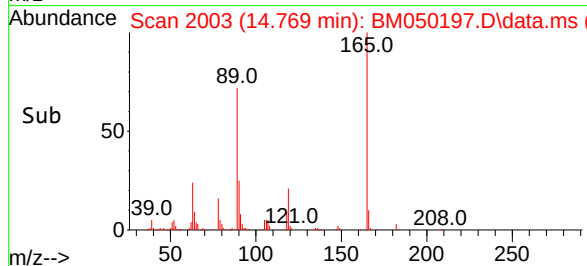
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

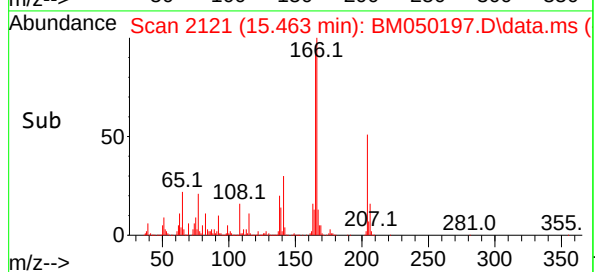
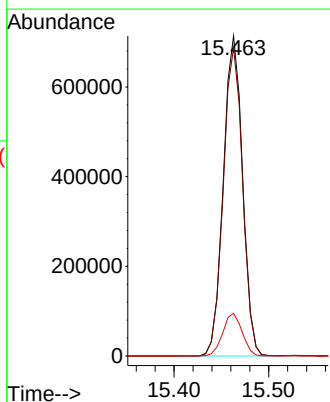
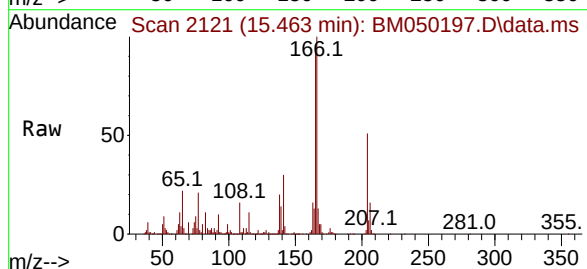
Manual Integrations
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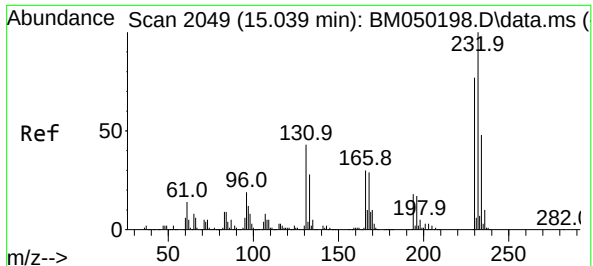
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

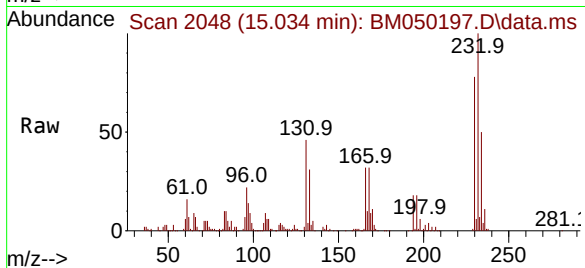
Tgt Ion:166 Resp: 1004752
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.4
167 13.3 10.7 16.1





#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

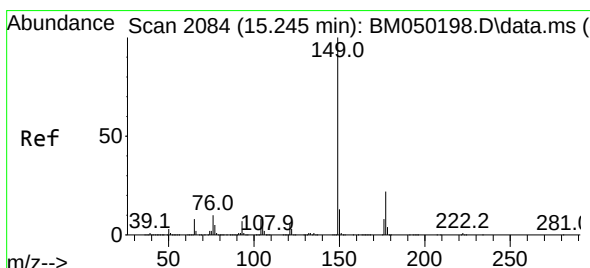
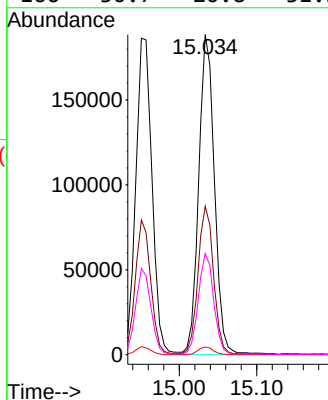
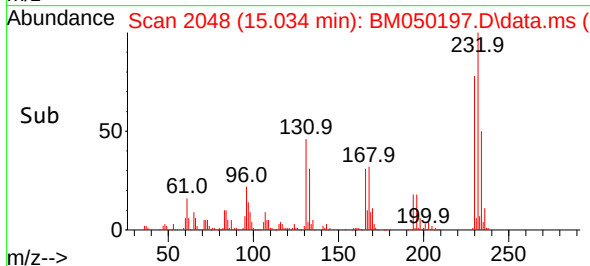
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

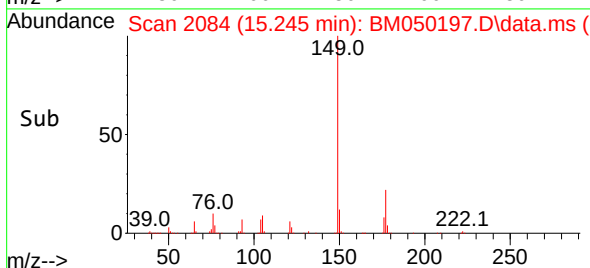
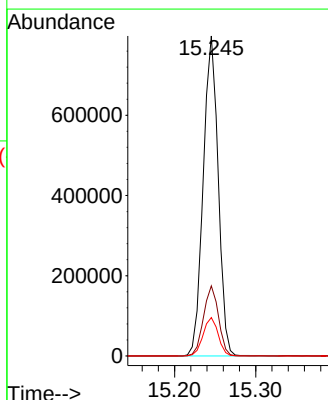
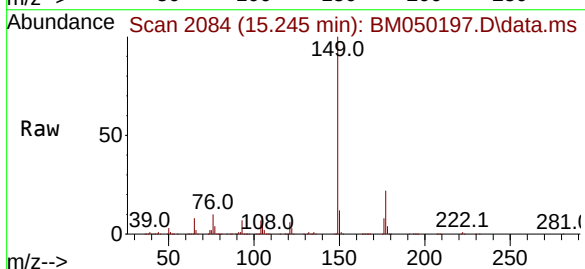
Manual Integrations
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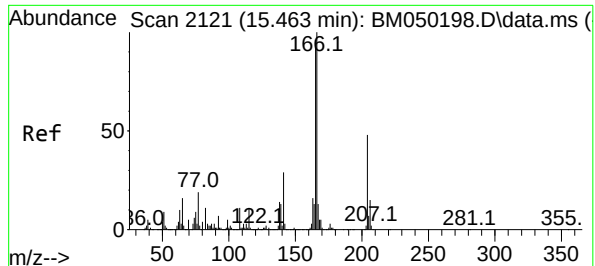
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

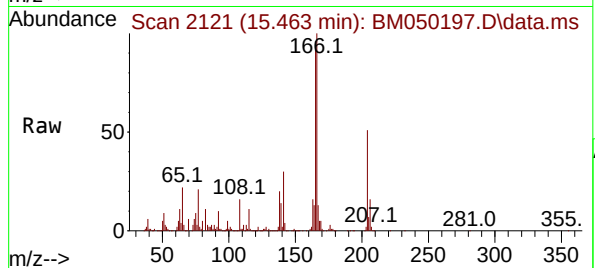
Tgt Ion:149 Resp: 1020737
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.0 15.0





#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

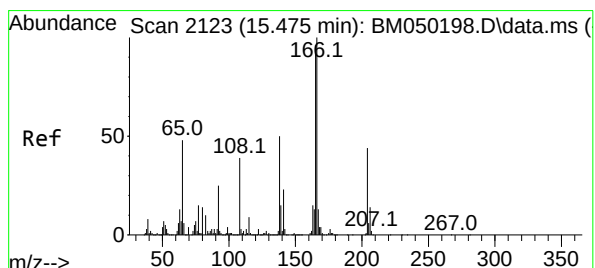
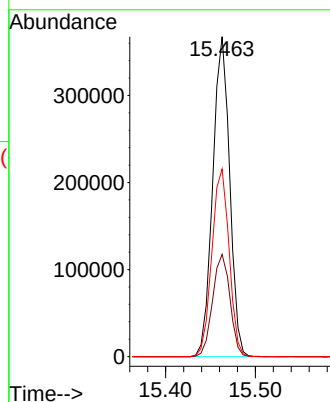
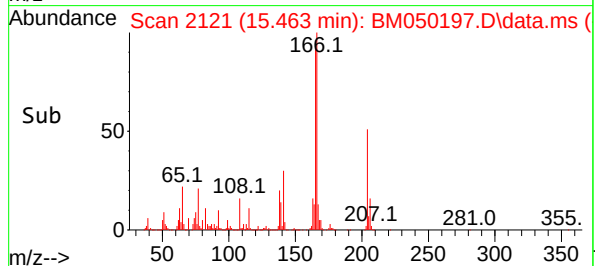
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

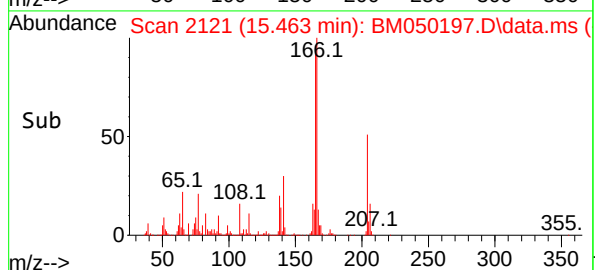
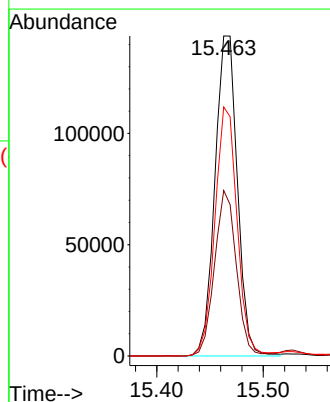
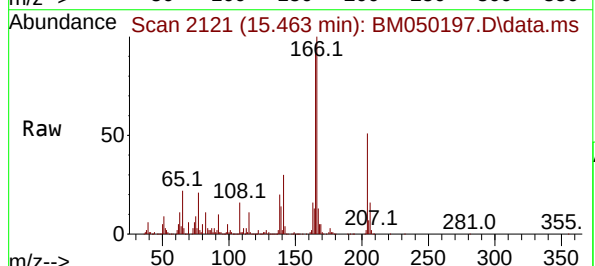
Manual Integrations
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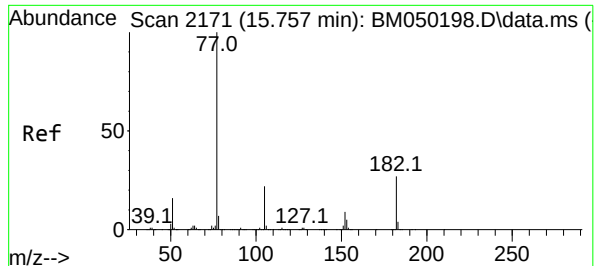
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

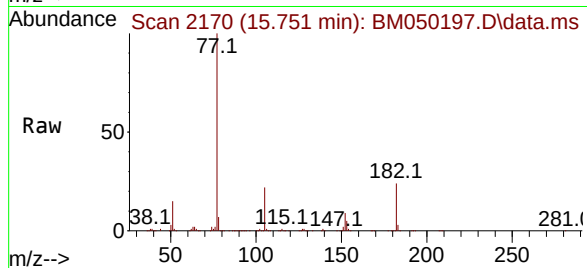
Tgt Ion:138 Resp: 210030
Ion Ratio Lower Upper
138 100
92 51.7 28.8 68.8
108 77.8 58.1 98.1





#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

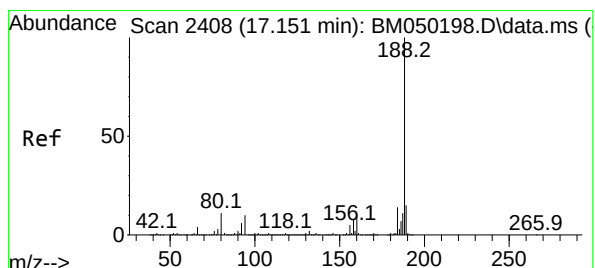
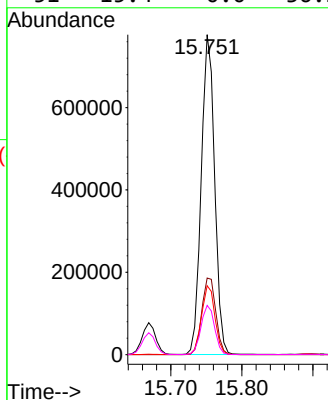
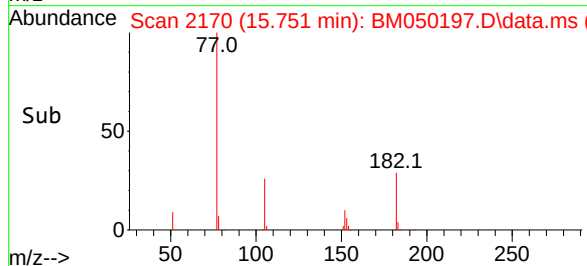
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



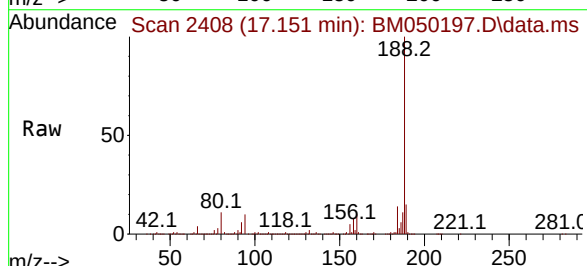
Tgt Ion: 77 Resp: 1019944
Ion Ratio Lower Upper
77 100
182 24.0 6.8 46.8
105 21.6 1.7 41.7
51 15.4 0.0 36.2

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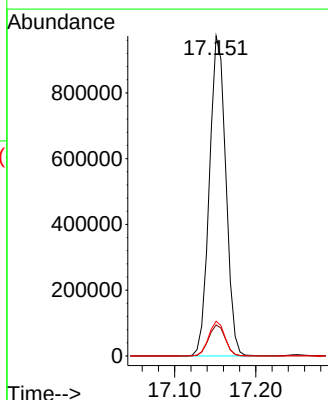
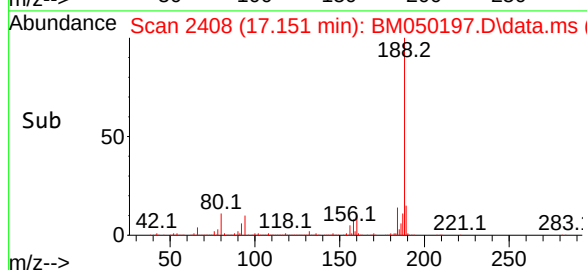
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

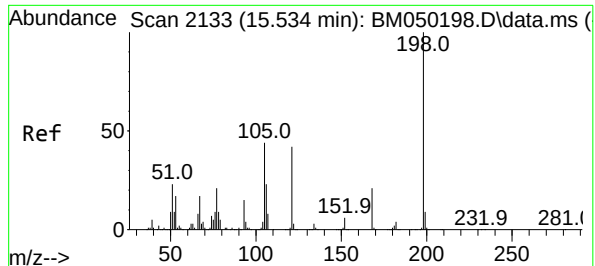


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17



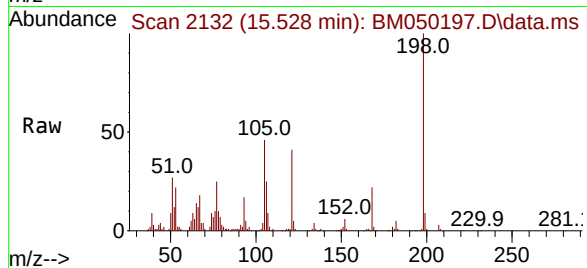
Tgt Ion:188 Resp: 1364843
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.9 8.6 13.0





#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

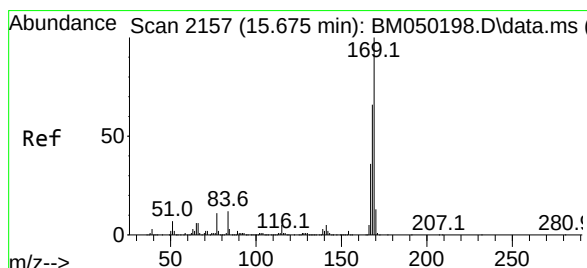
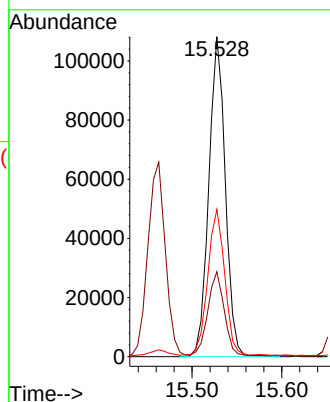
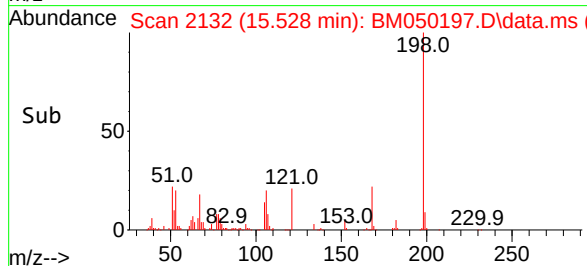
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

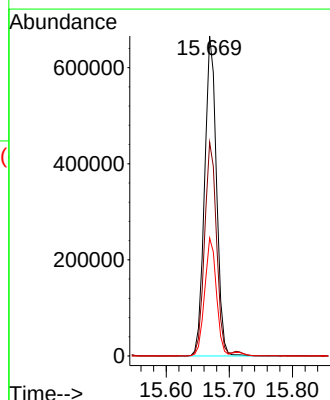
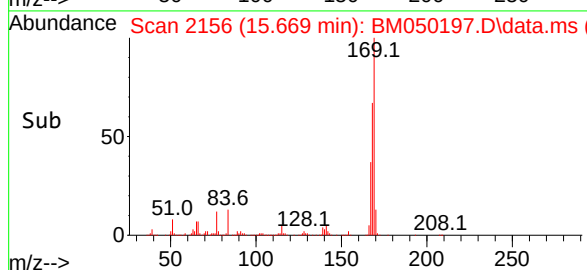
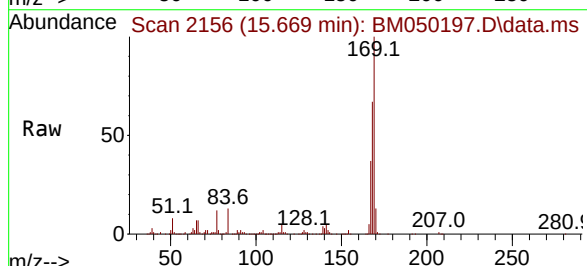
Manual Integrations
APPROVED

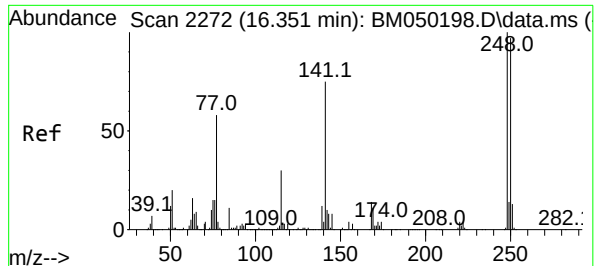
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

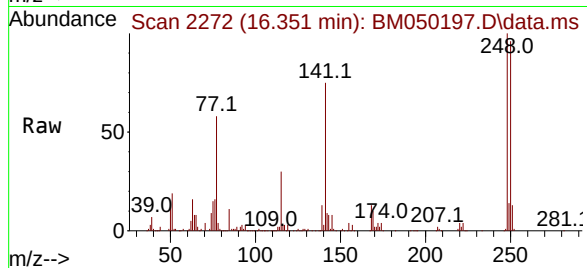
Tgt Ion:169 Resp: 872651
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.8 29.0 43.6





#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

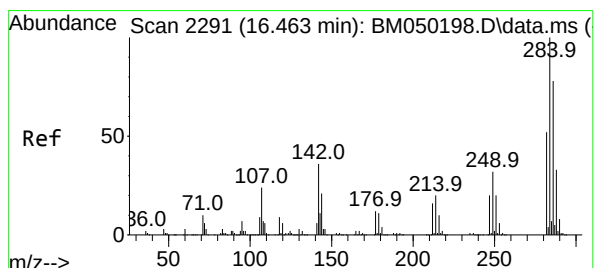
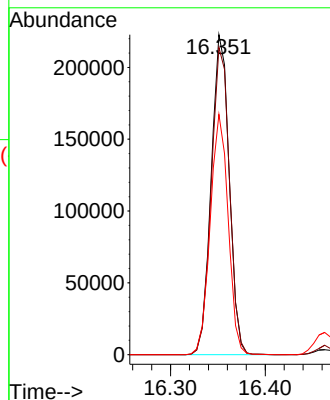
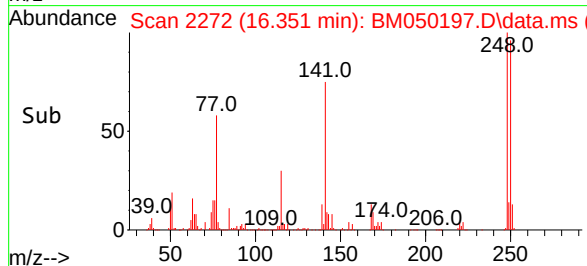
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

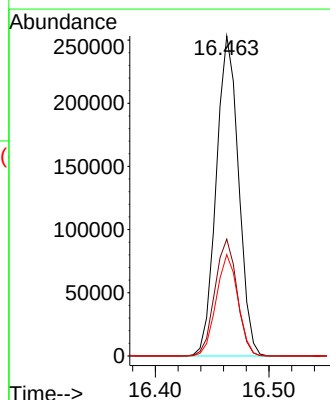
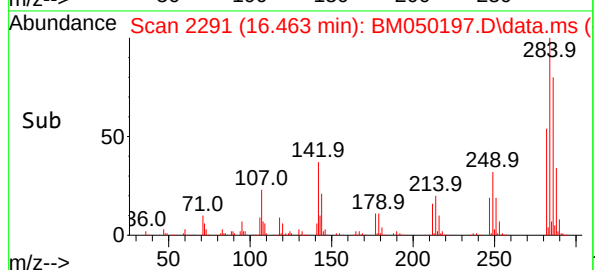
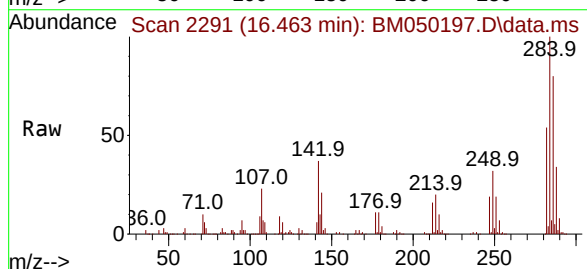
Manual Integrations
APPROVED

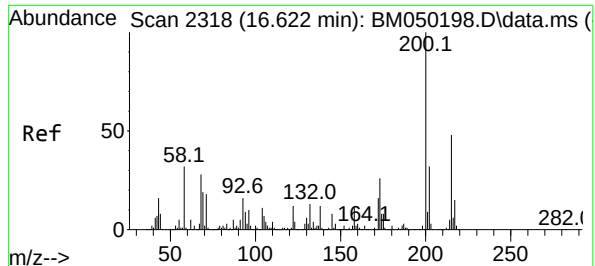
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

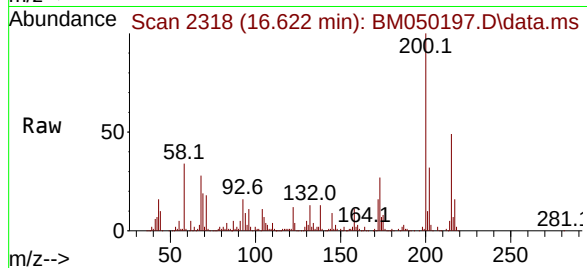
Tgt Ion:284 Resp: 345929
Ion Ratio Lower Upper
284 100
142 36.5 28.8 43.2
249 31.7 25.8 38.6





#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

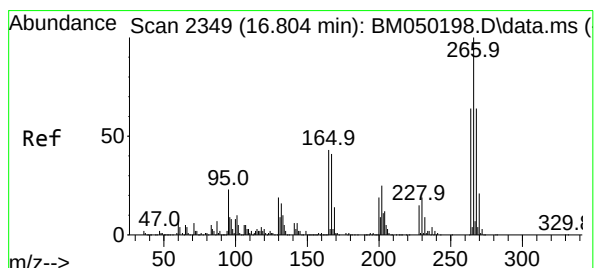
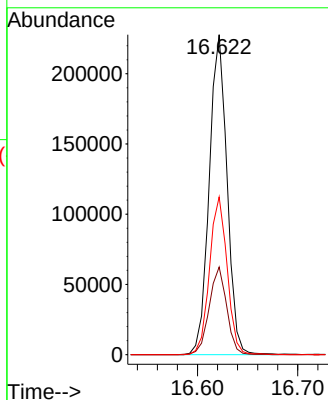
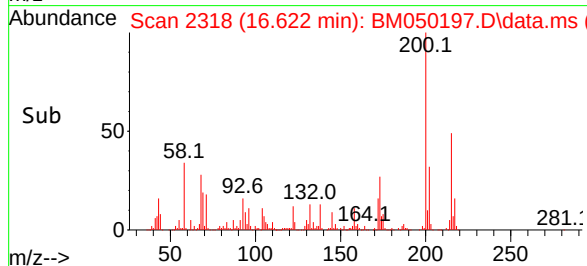
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

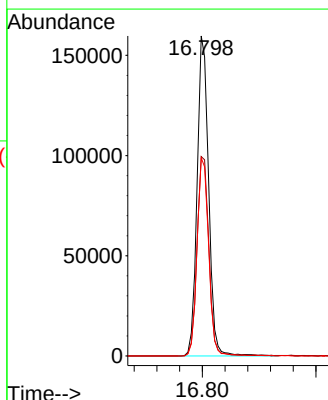
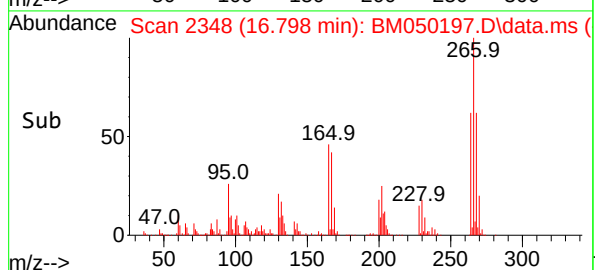
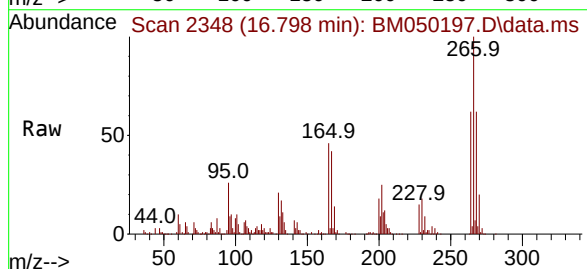
Manual Integrations
APPROVED

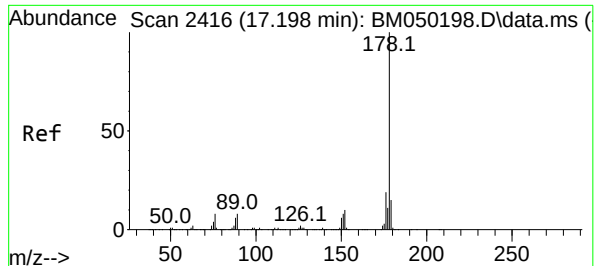
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

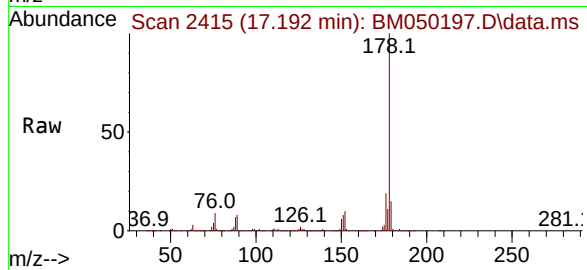
Tgt Ion:266 Resp: 225494
Ion Ratio Lower Upper
266 100
268 62.3 51.0 76.6
264 61.9 50.8 76.2





#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

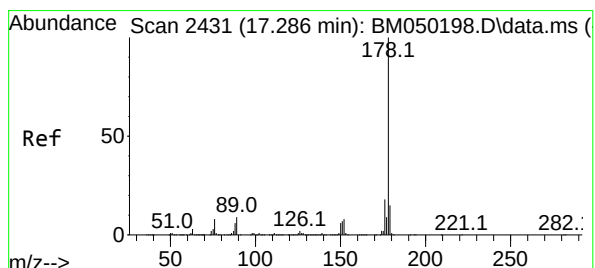
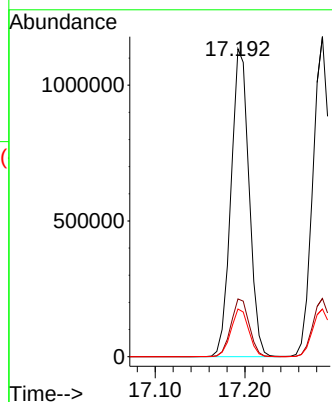
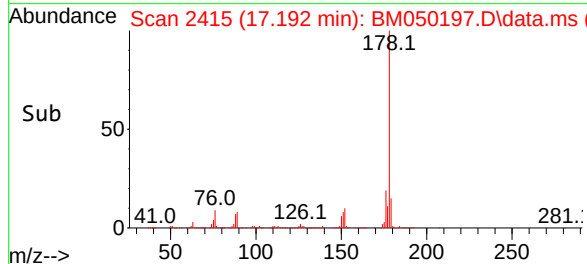
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

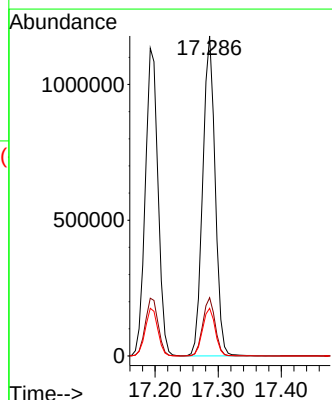
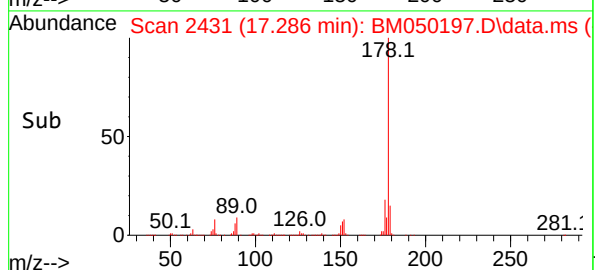
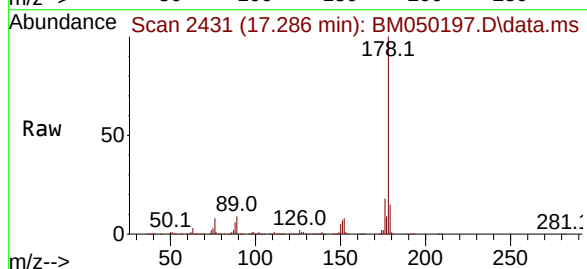
Manual Integrations
APPROVED

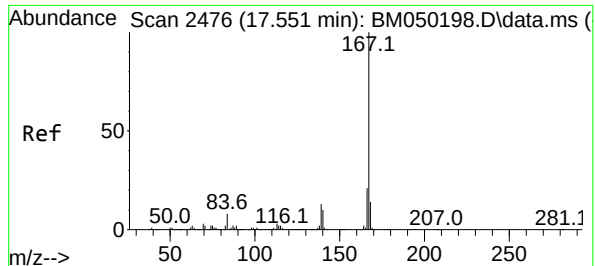
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

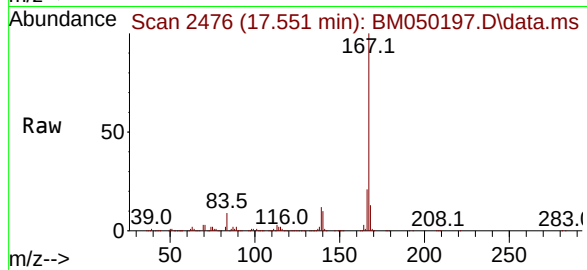
Tgt Ion:178 Resp: 1603637
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 14.9 12.3 18.5





#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

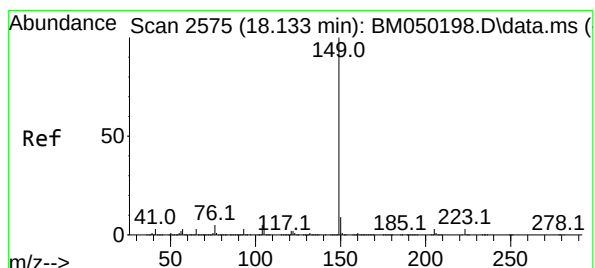
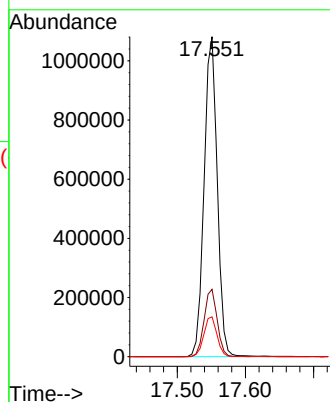
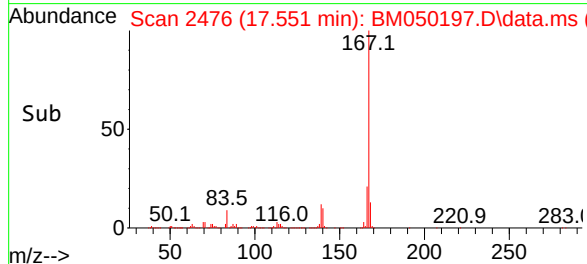
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1450582
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.5 10.2 15.4

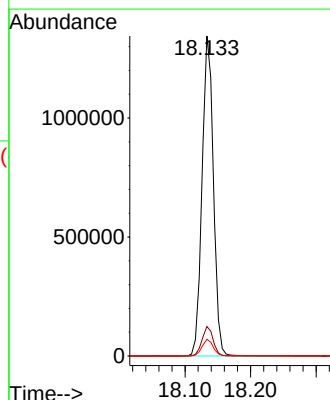
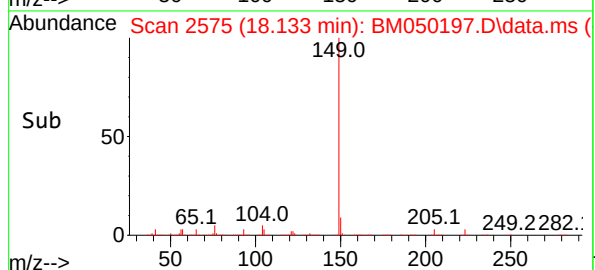
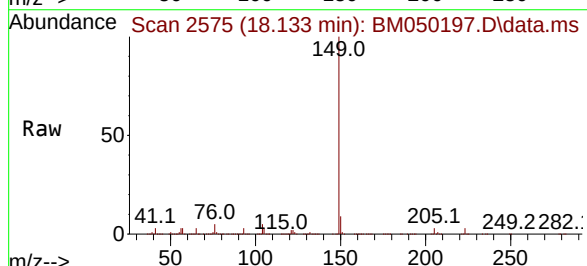
Manual Integrations
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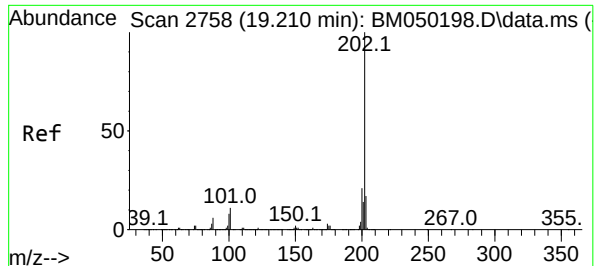
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

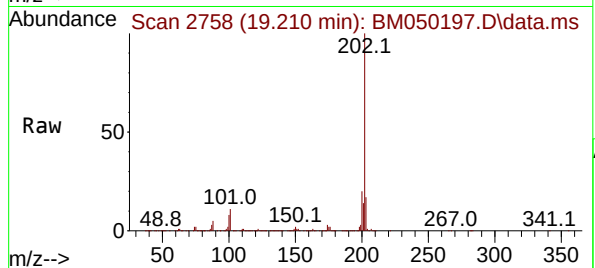
Tgt Ion:149 Resp: 1619797
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.0 6.0





#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

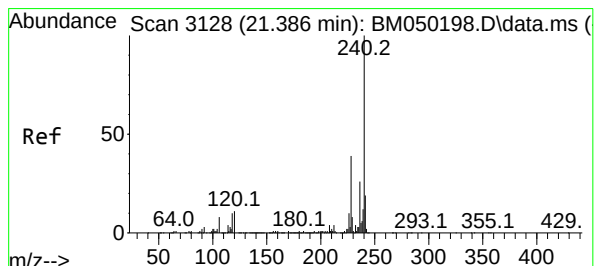
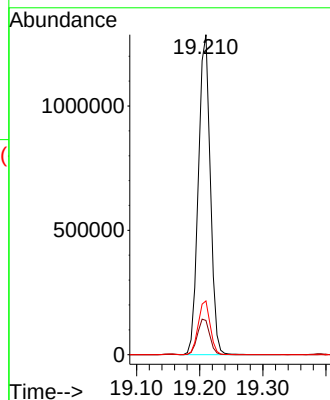
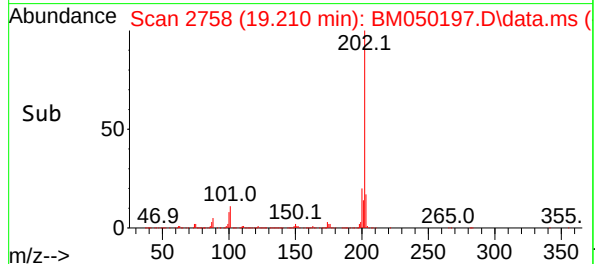
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

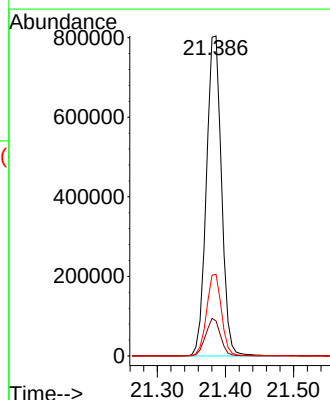
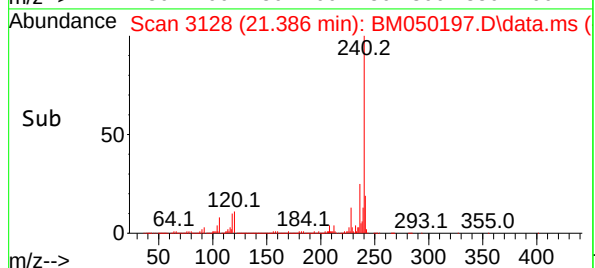
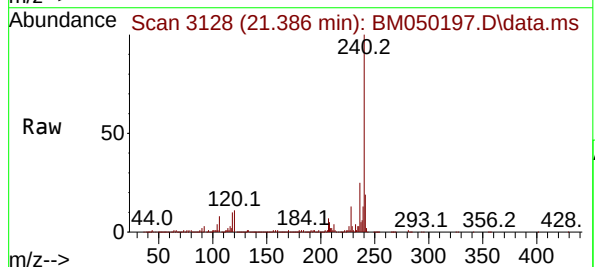
Manual Integrations
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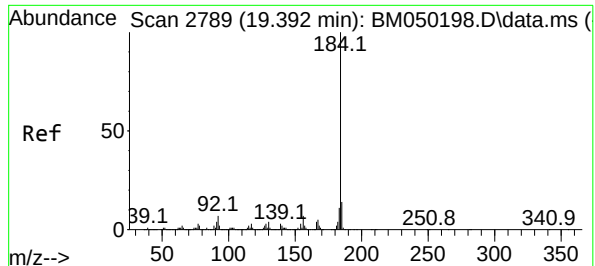
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

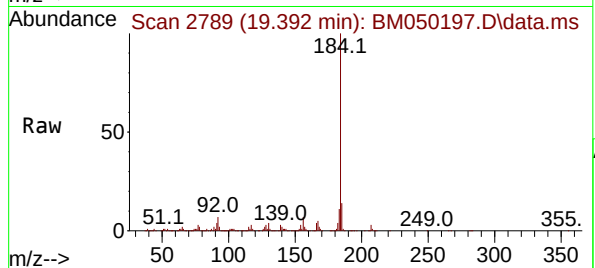
Tgt Ion:240 Resp: 1240830
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.7 31.1





#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

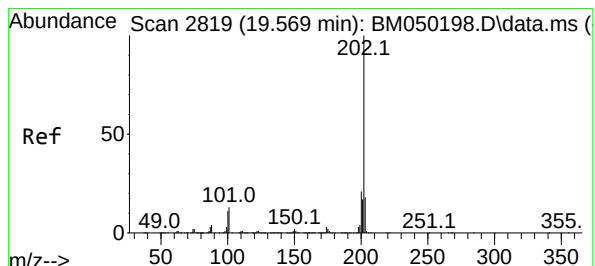
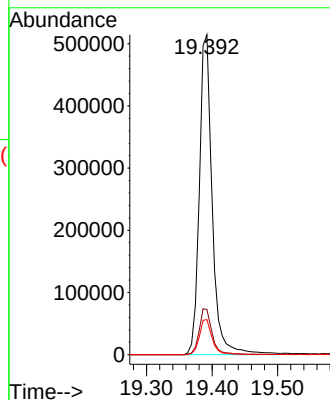
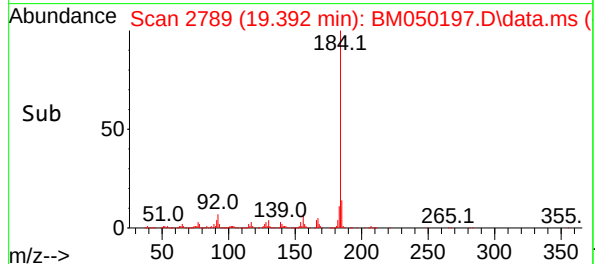
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

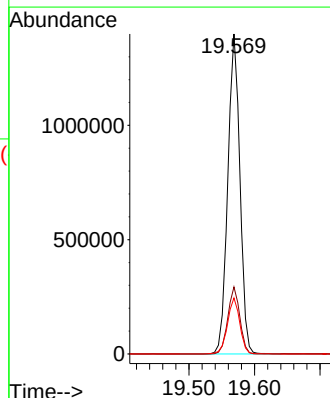
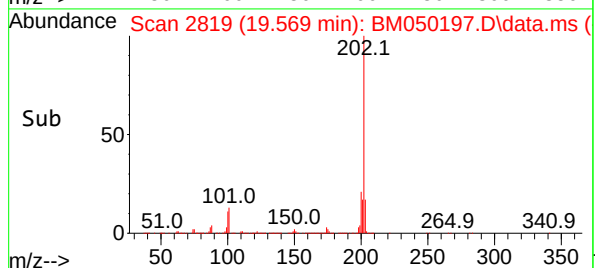
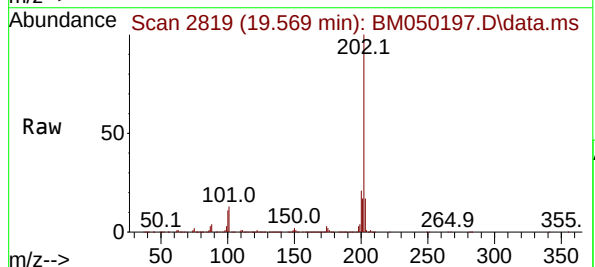
Manual Integrations
APPROVED

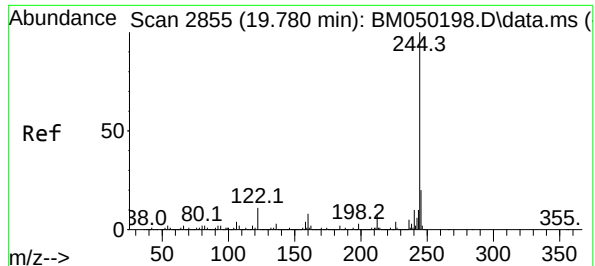
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

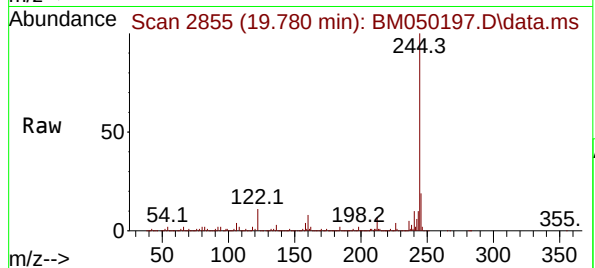
Tgt Ion:202 Resp: 1791963
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.5 14.1 21.1





#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

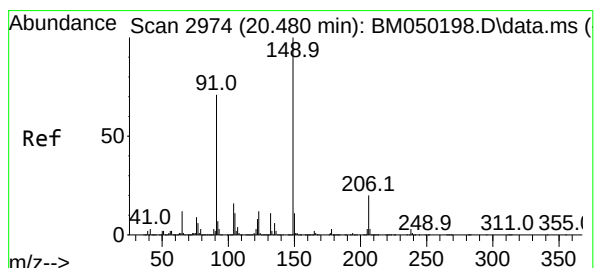
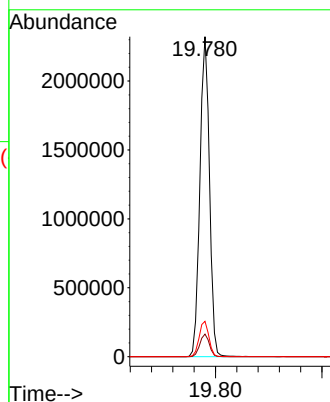
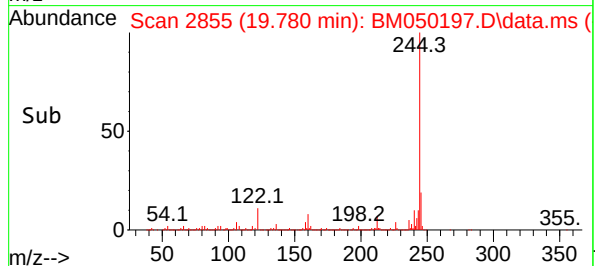
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

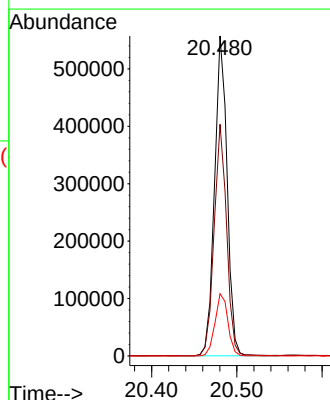
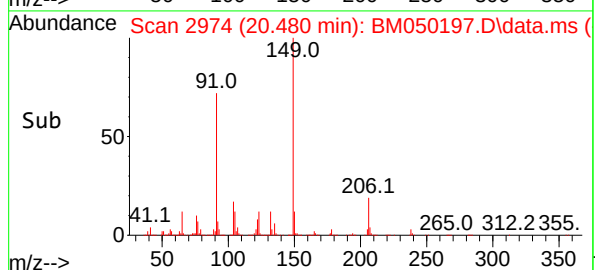
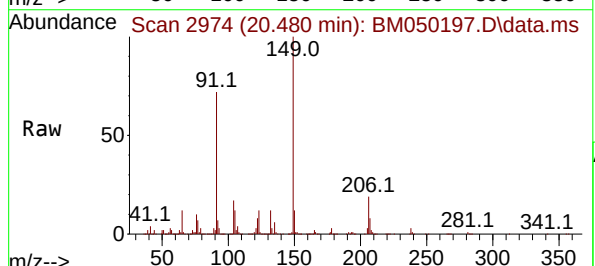
Manual Integrations
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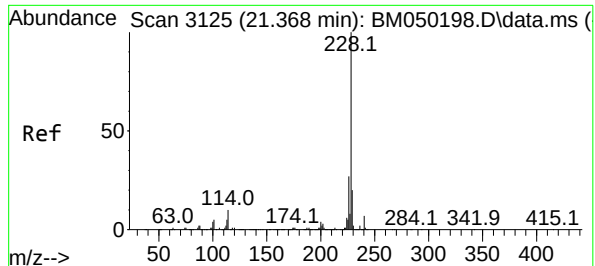
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

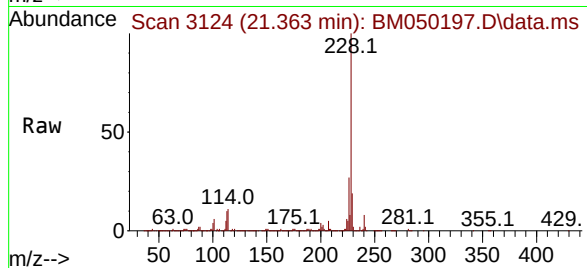
Tgt Ion:149 Resp: 570581
Ion Ratio Lower Upper
149 100
91 72.4 56.9 85.3
206 19.5 16.1 24.1





#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

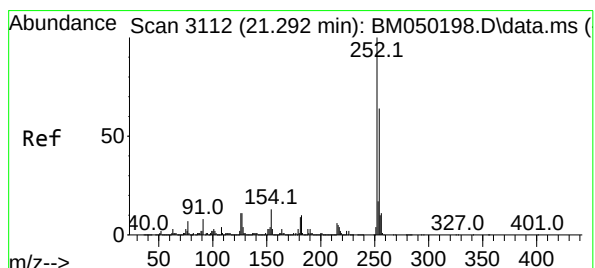
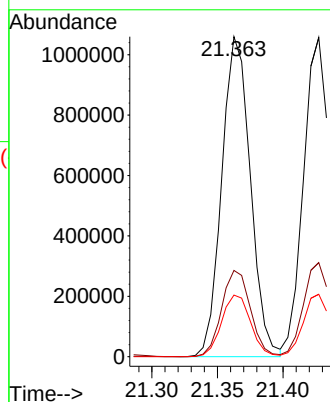
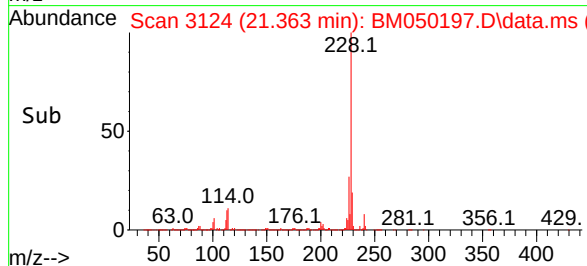
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

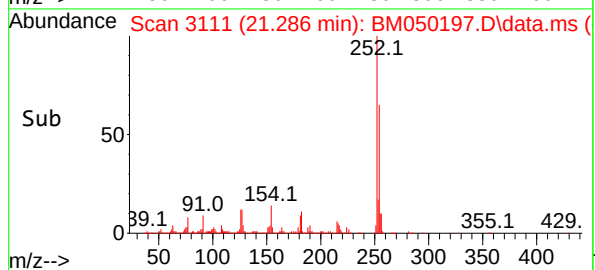
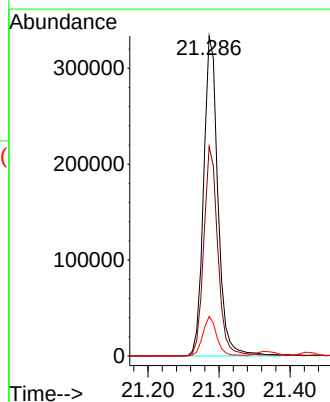
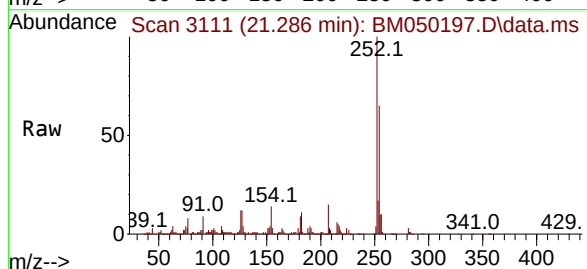
Manual Integrations
APPROVED

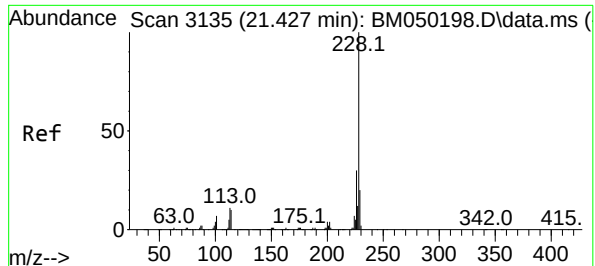
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

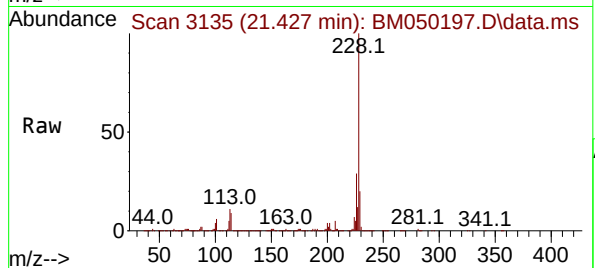
Tgt Ion:252 Resp: 470294
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 12.4 8.6 12.8





#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

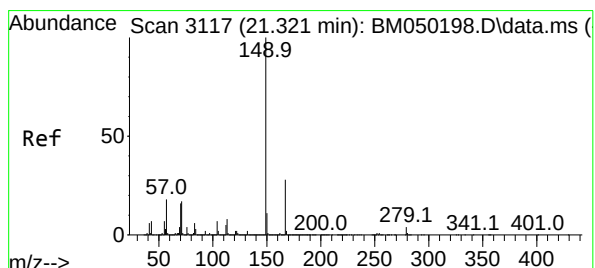
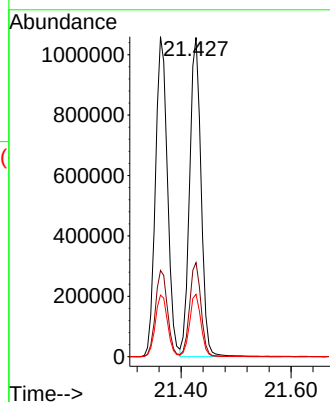
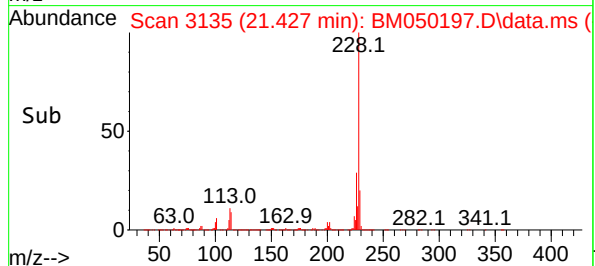
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

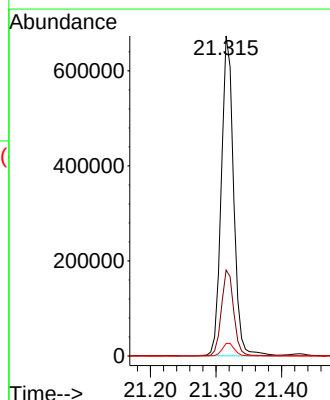
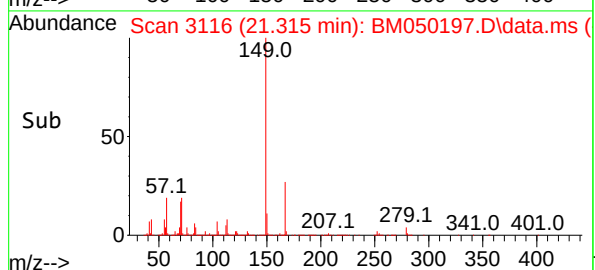
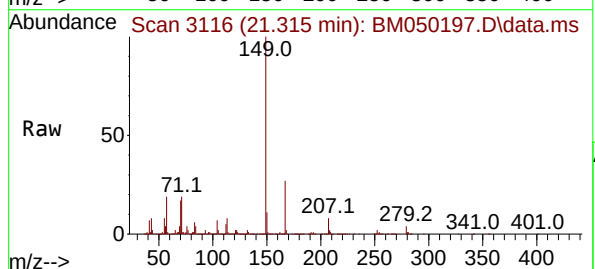
Manual Integrations
APPROVED

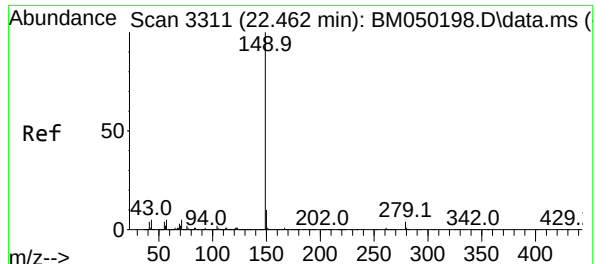
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

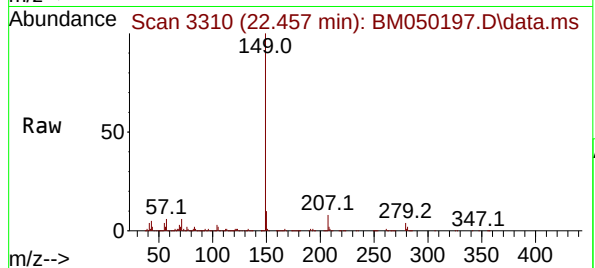
Tgt Ion:149 Resp: 871329
Ion Ratio Lower Upper
149 100
167 26.8 22.3 33.5
279 3.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 18.223 ng
RT: 22.457 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050197.D
Acq: 05 Jun 2025 11:17

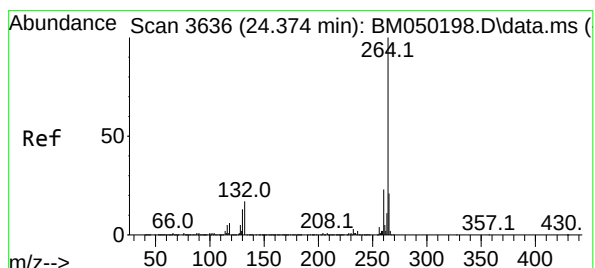
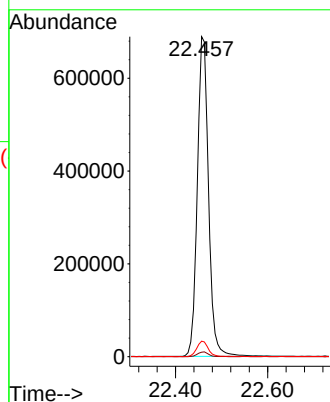
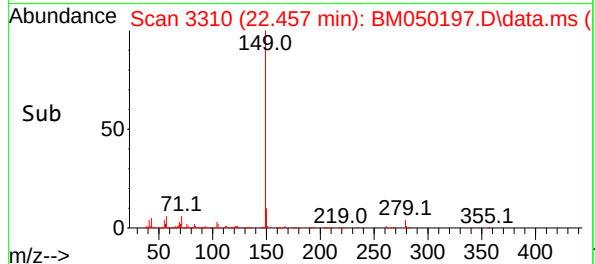
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

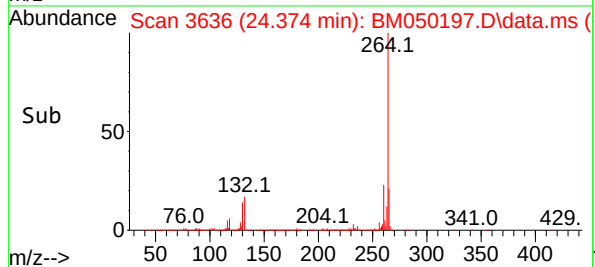
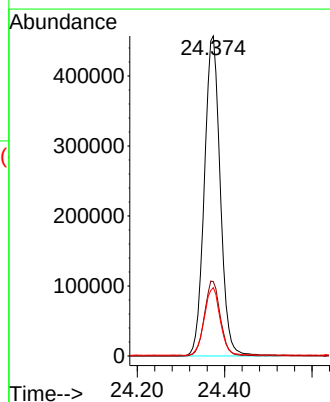
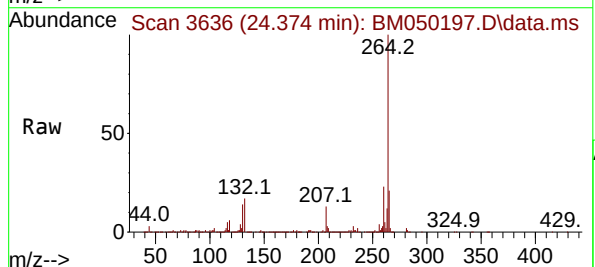
Manual Integrations
APPROVED

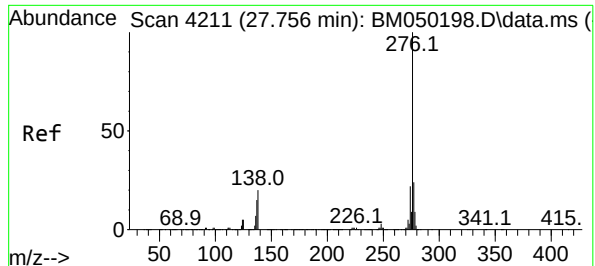
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

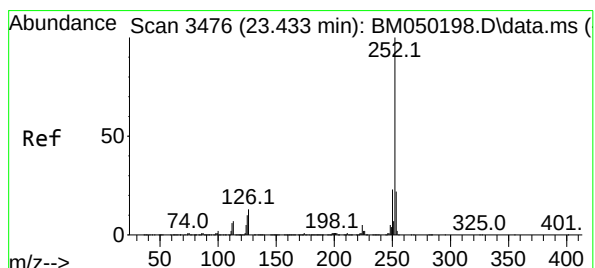
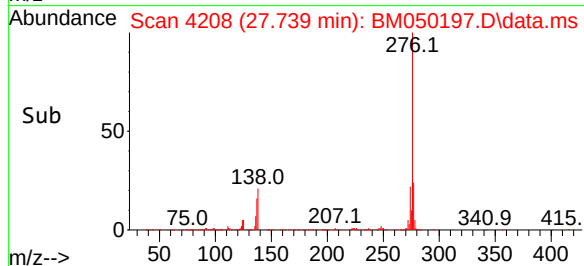
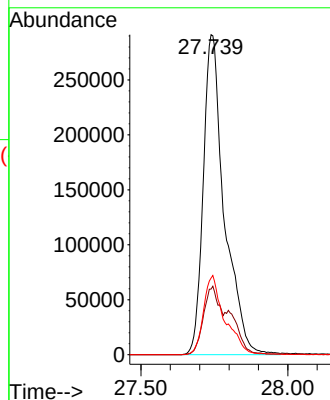
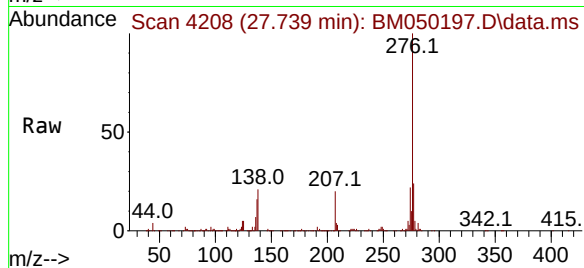
277 25.0 19.8 29.6

Manual Integrations

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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

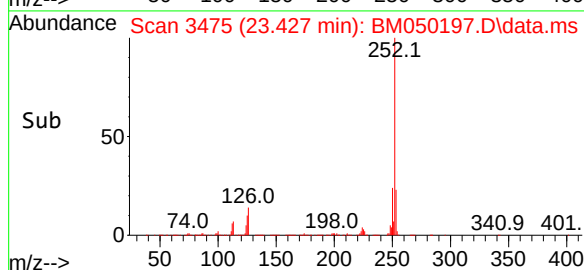
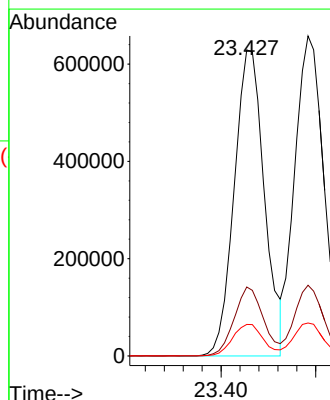
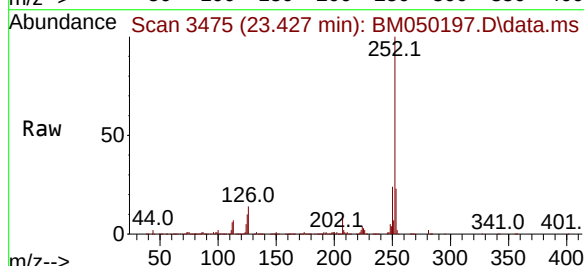
Tgt Ion:252 Resp: 1393549

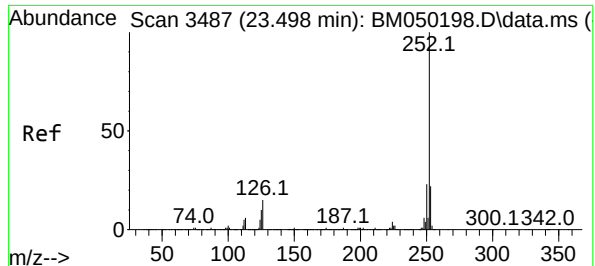
Ion Ratio Lower Upper

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

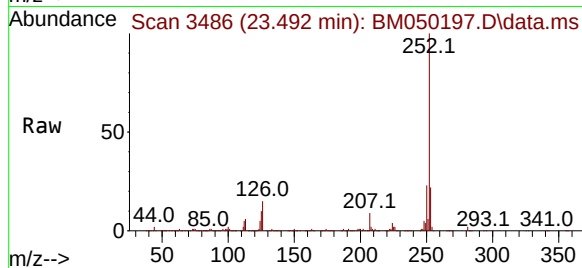
Acq: 05 Jun 2025 11:17

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 141397

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

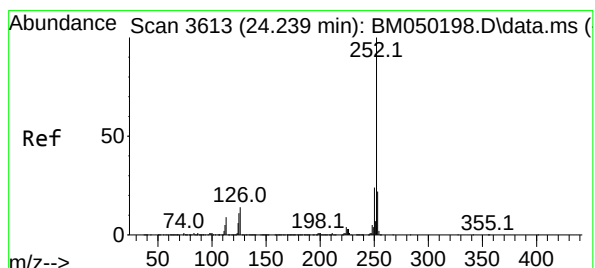
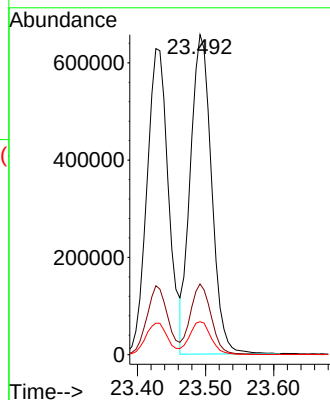
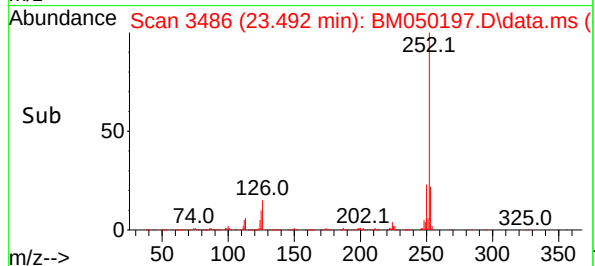
125 10.3 8.2 12.4

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

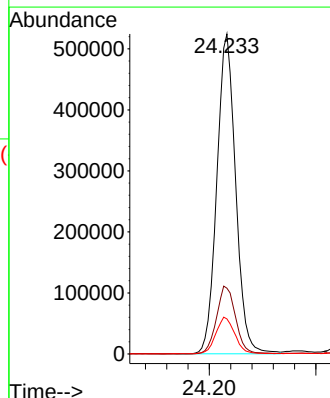
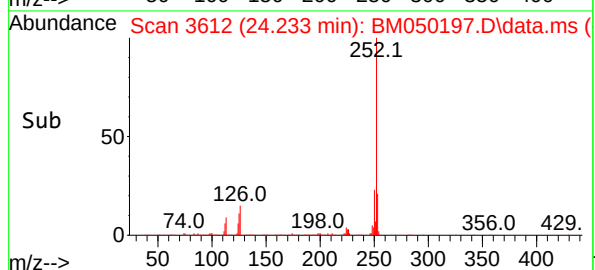
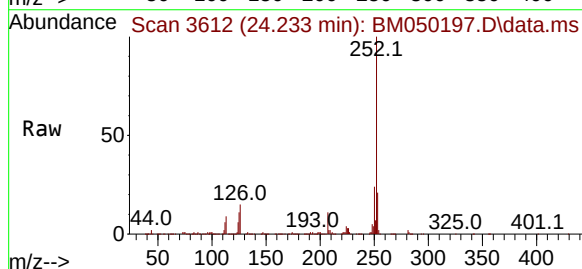
Tgt Ion:252 Resp: 1284647

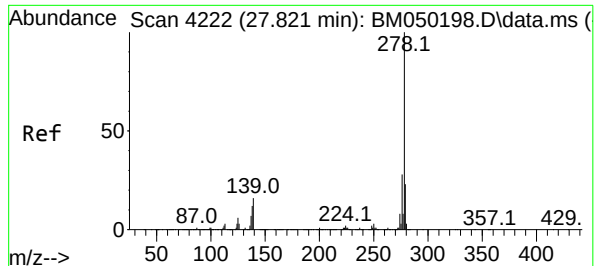
Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

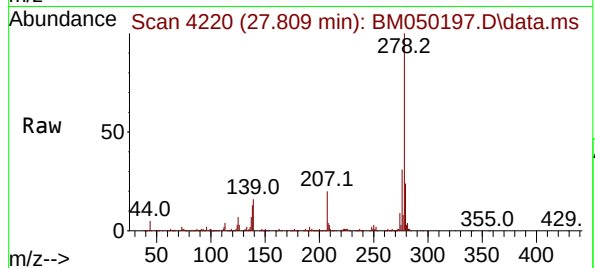
125 11.0 9.0 13.4





#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

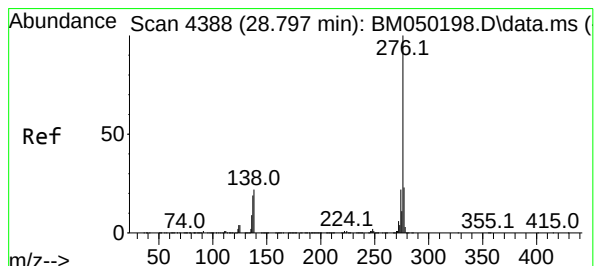
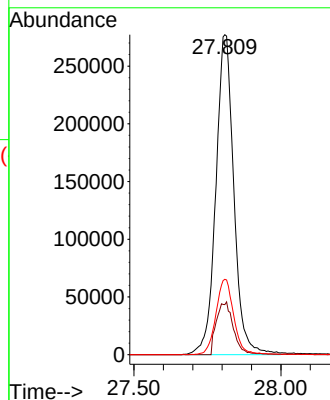
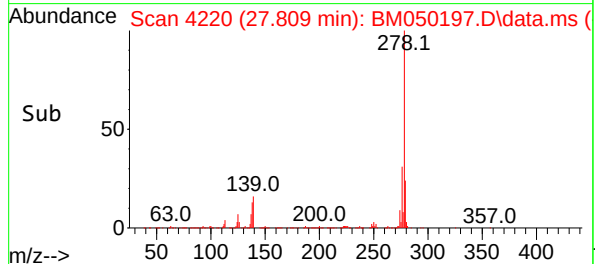
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

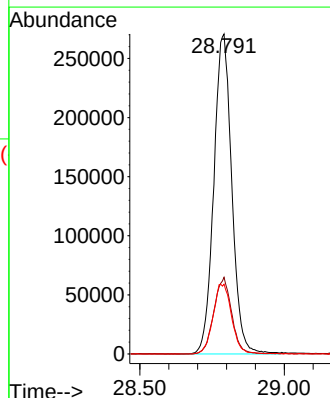
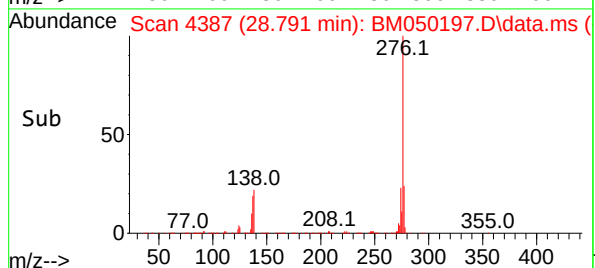
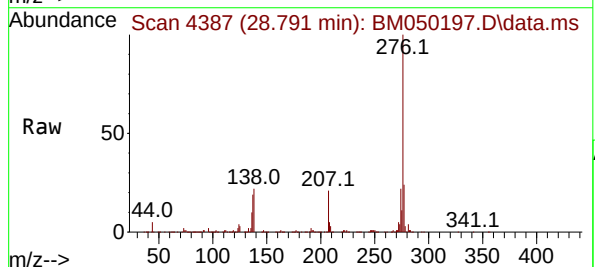
Manual Integrations
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Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

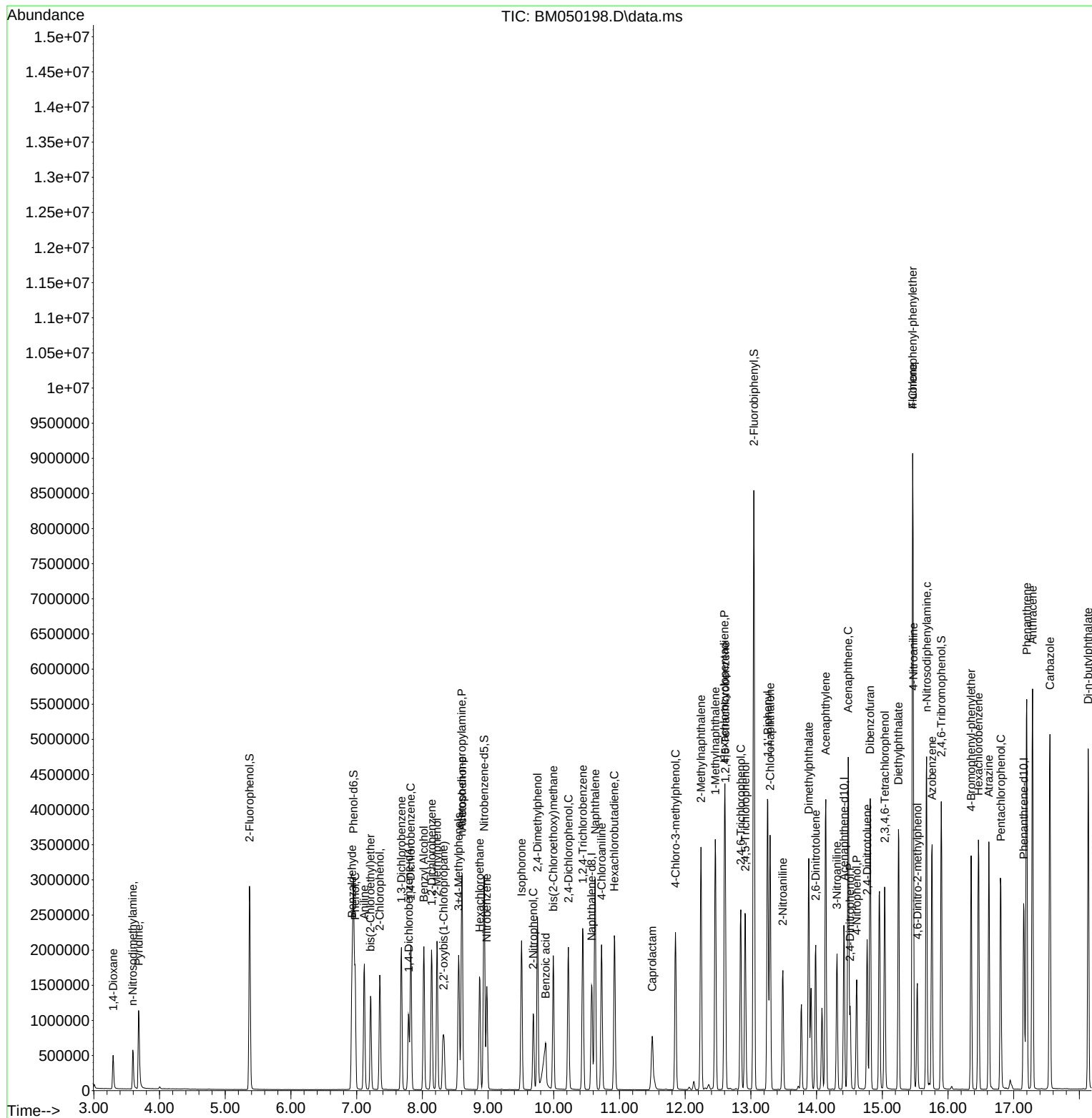
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

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



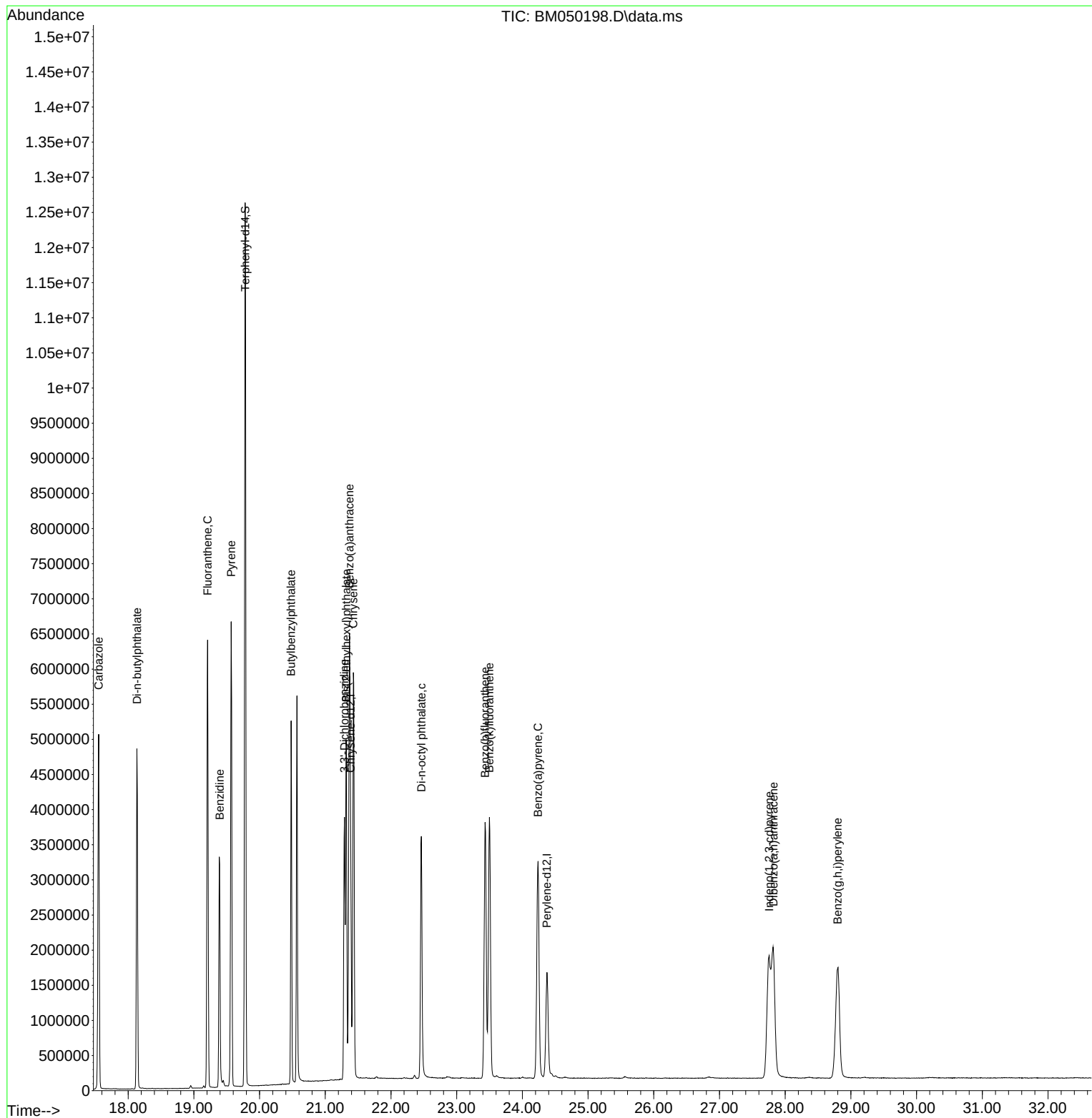
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

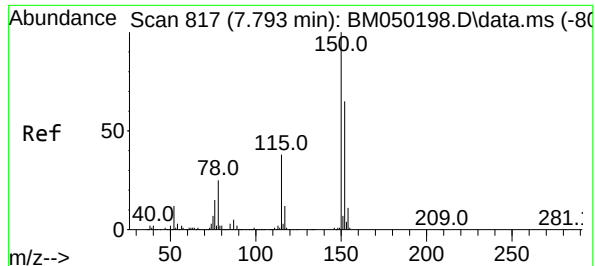
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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





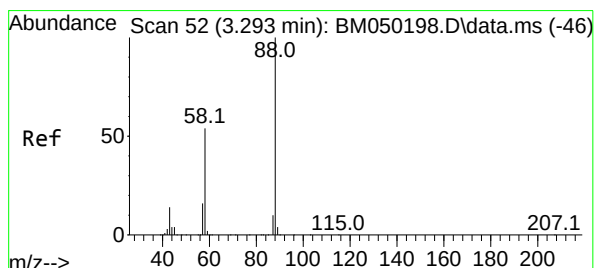
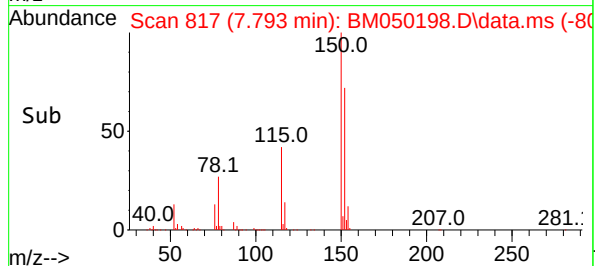
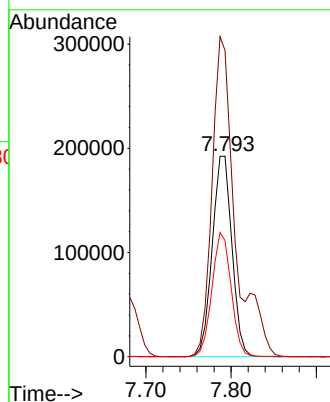
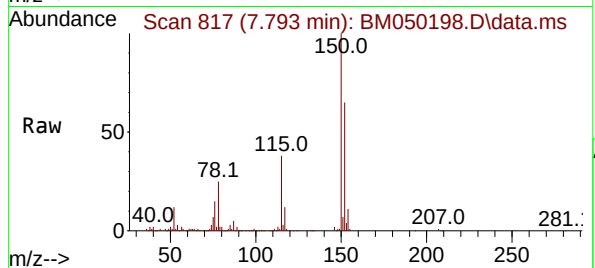
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

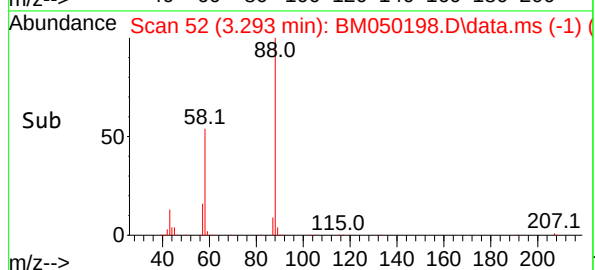
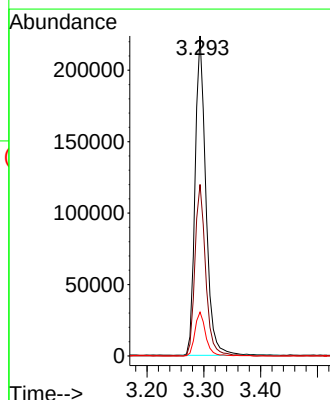
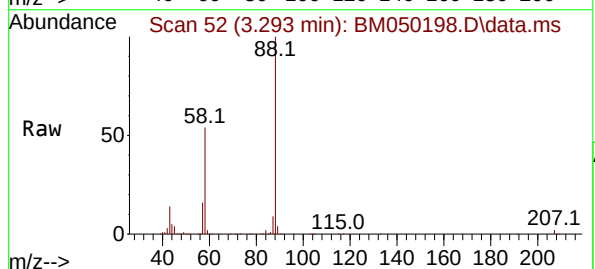
Manual Integrations
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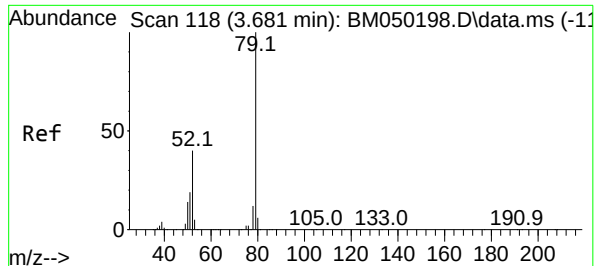
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

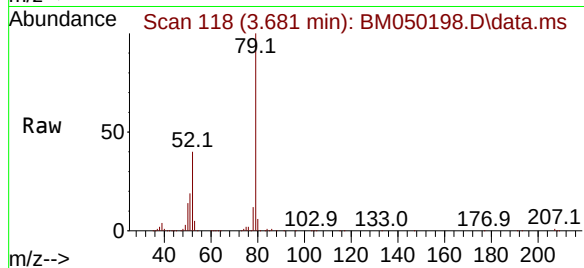
Tgt Ion: 88 Resp: 296051
Ion Ratio Lower Upper
88 100
58 53.6 42.9 64.3
43 13.8 11.0 16.6





#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

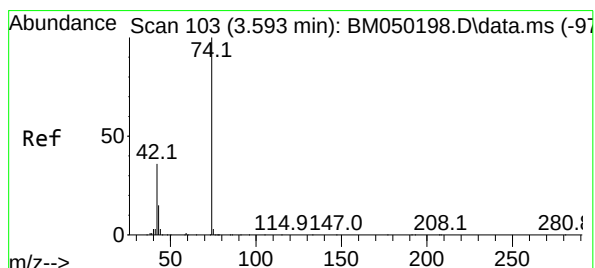
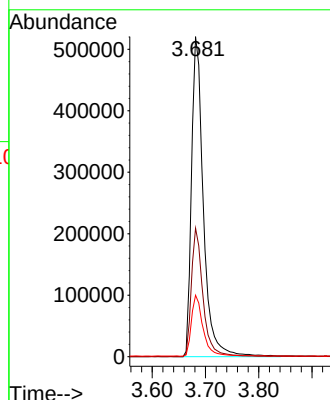
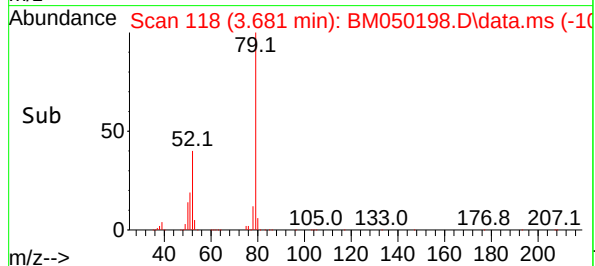
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

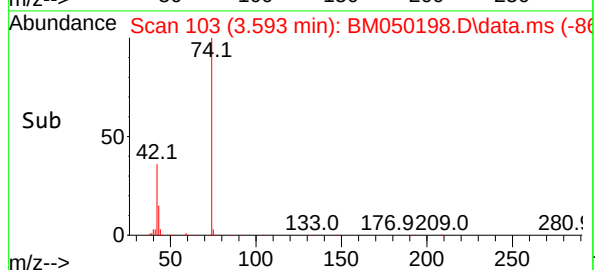
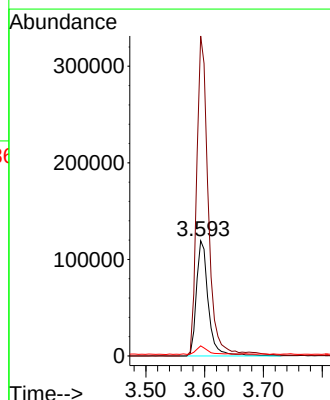
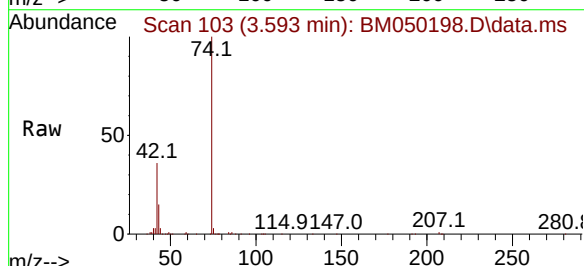
Manual Integrations
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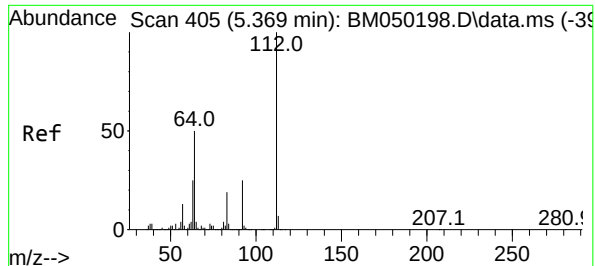
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

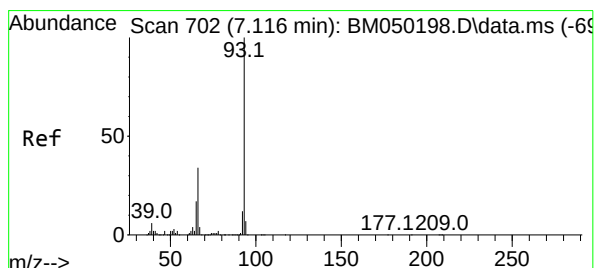
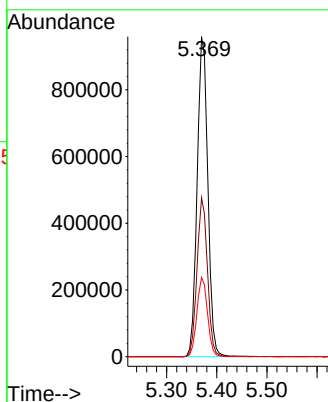
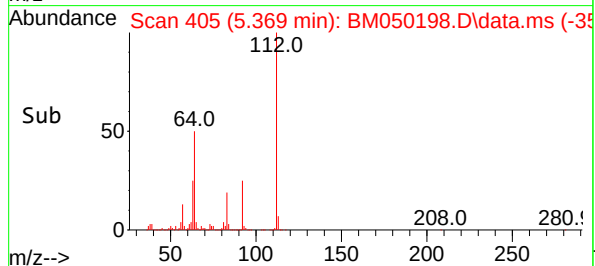
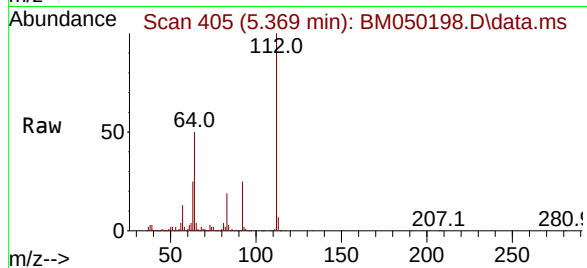
63 24.8 19.8 29.8

Manual Integrations

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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

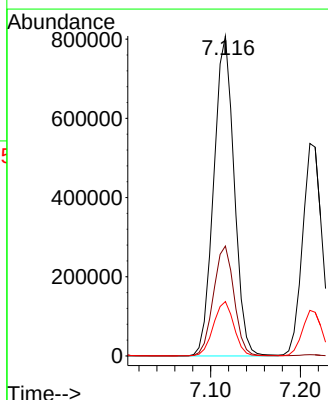
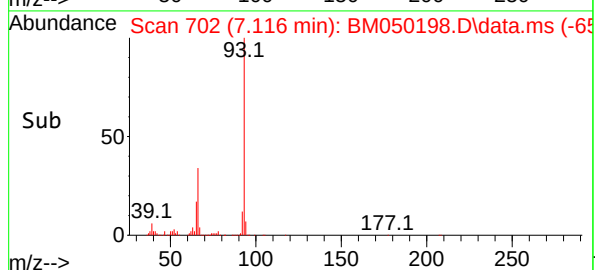
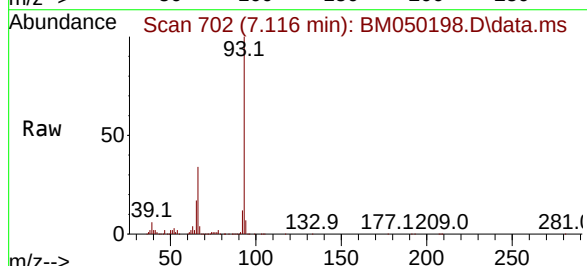
Tgt Ion: 93 Resp: 1275182

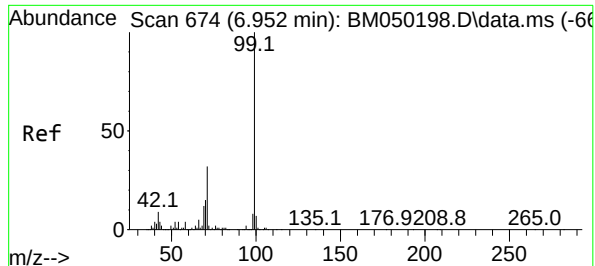
Ion Ratio Lower Upper

93 100

66 34.3 27.4 41.2

65 17.0 13.6 20.4





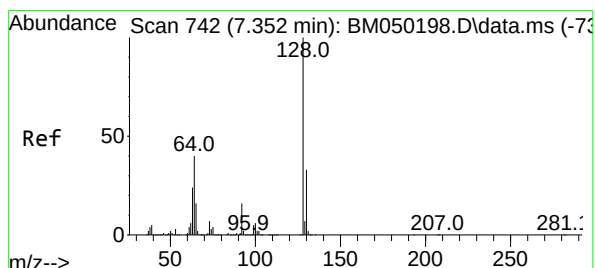
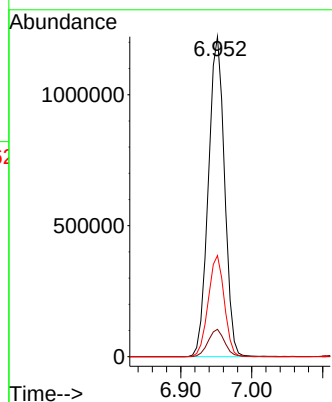
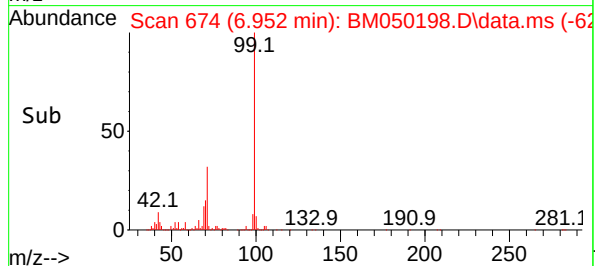
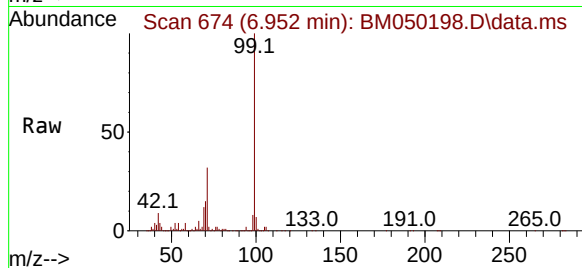
#7
Phenol-d6
Concen: 79.307 ng
RT: 6.952 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1932648
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 31.6 25.3 37.9

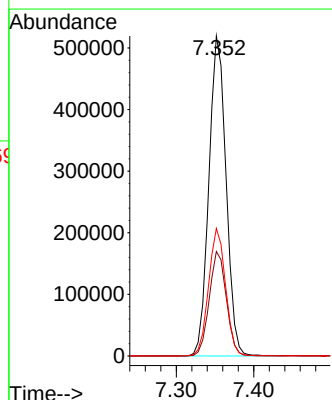
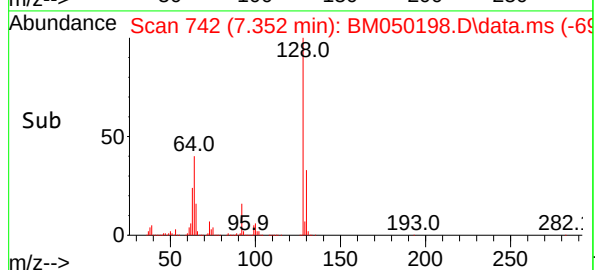
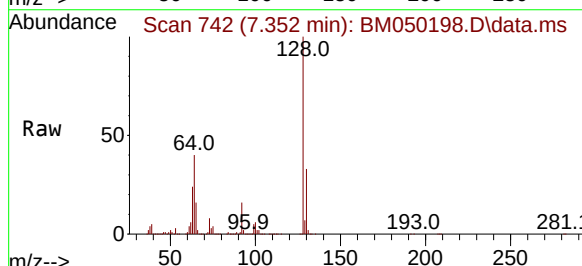
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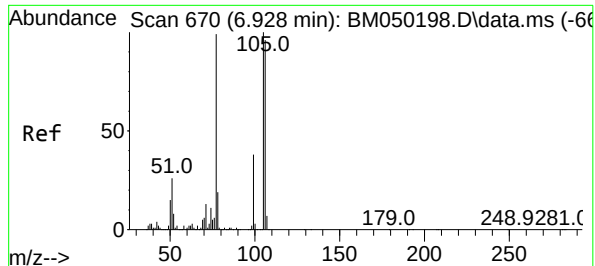
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

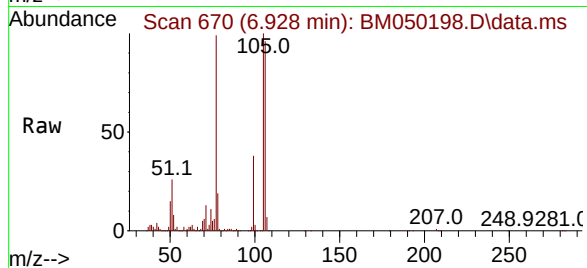
Tgt Ion:128 Resp: 799983
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 39.8 19.8 59.8





#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

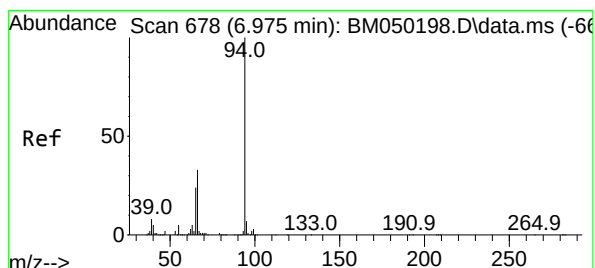
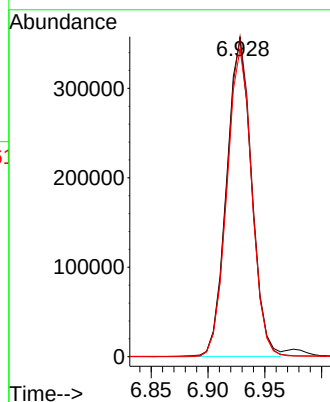
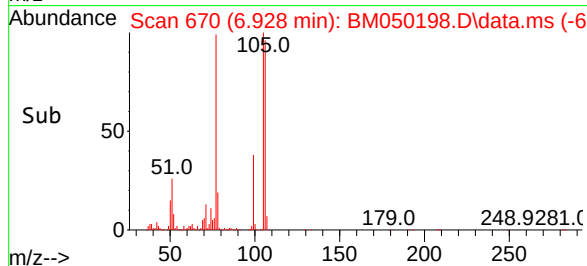
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

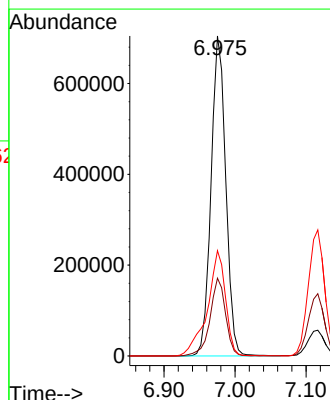
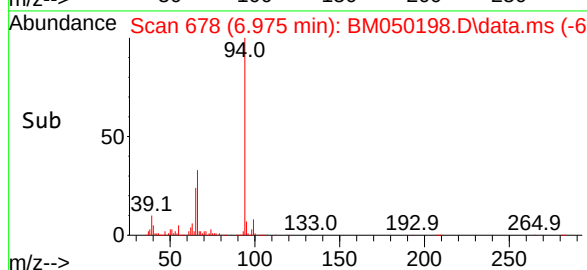
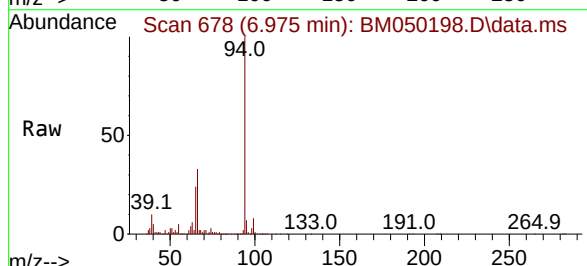
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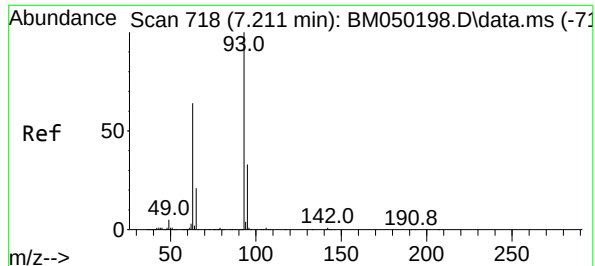
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





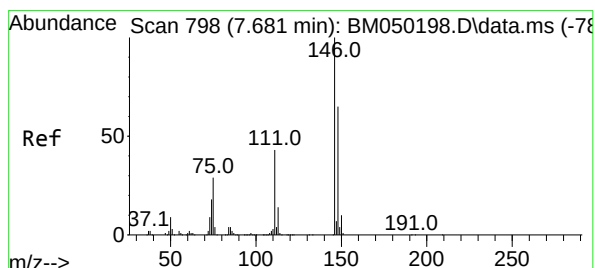
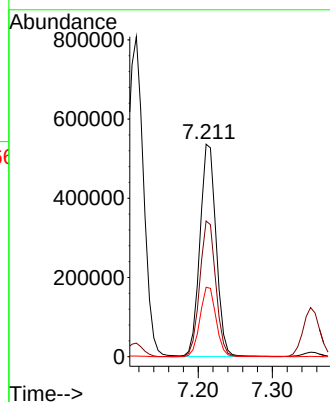
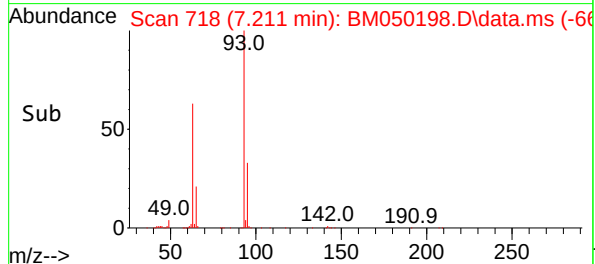
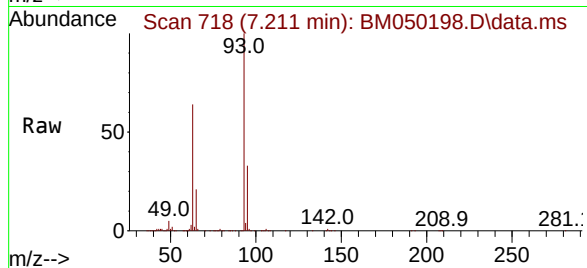
#11
bis(2-Chloroethyl)ether
Concen: 39.155 ng
RT: 7.211 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

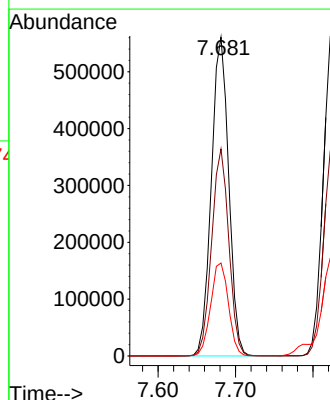
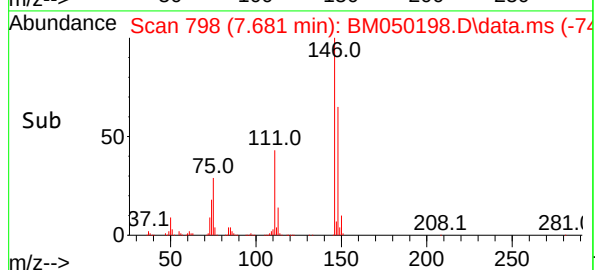
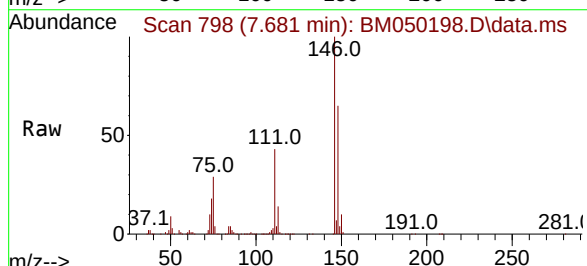
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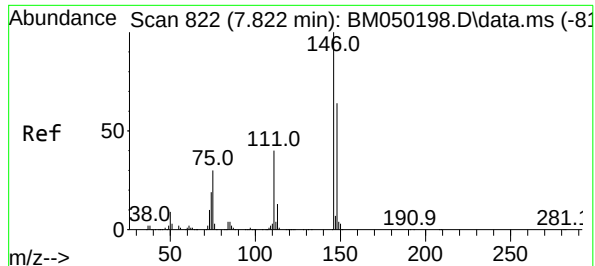
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

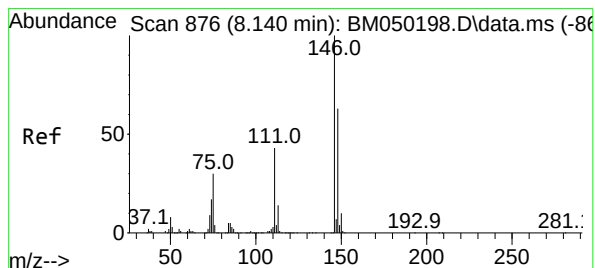
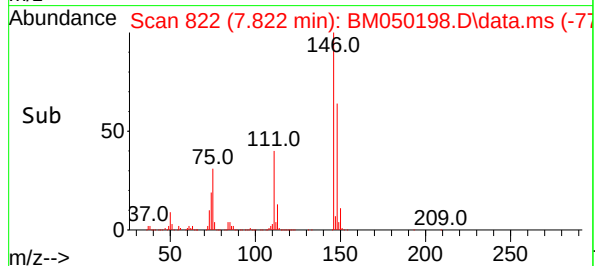
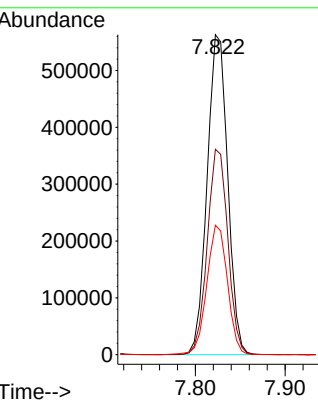
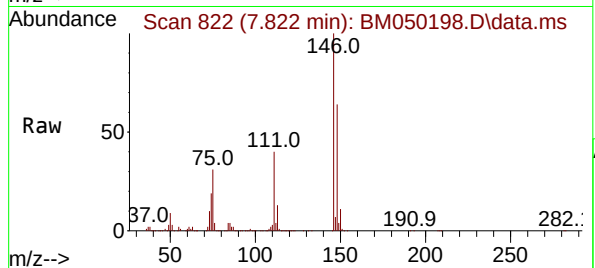
111 40.4 32.3 48.5

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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

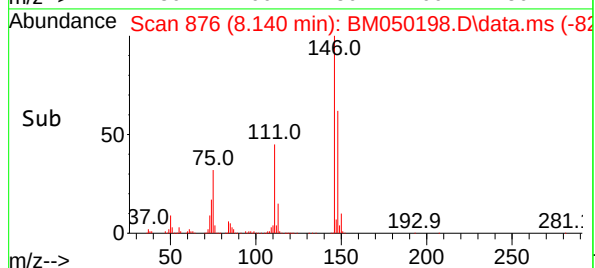
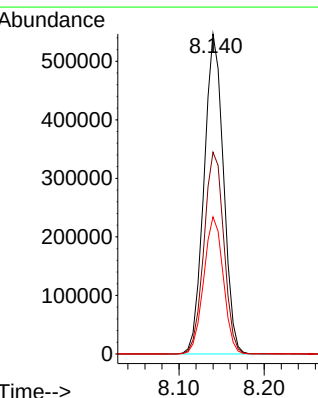
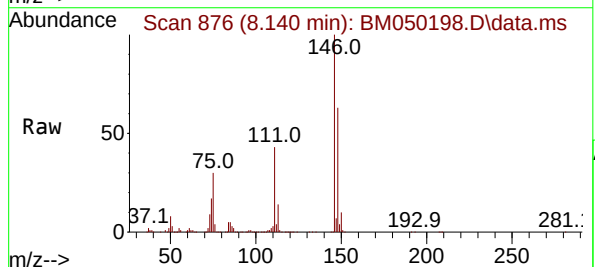
Tgt Ion:146 Resp: 865951

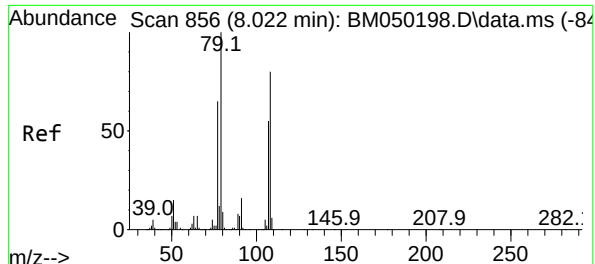
Ion Ratio Lower Upper

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

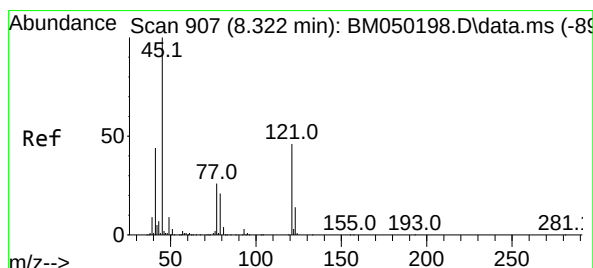
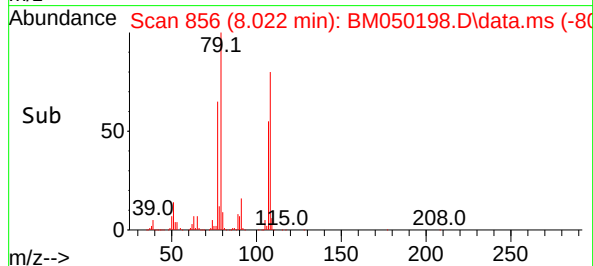
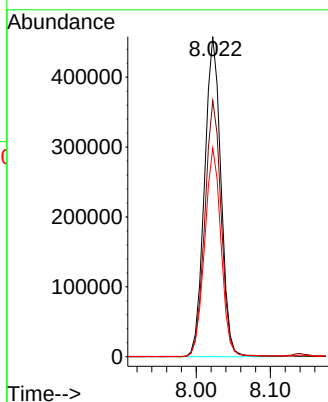
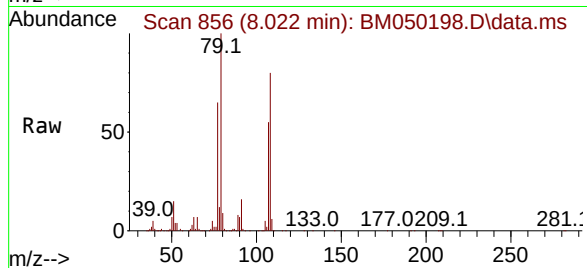
77 65.2 52.2 78.2

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

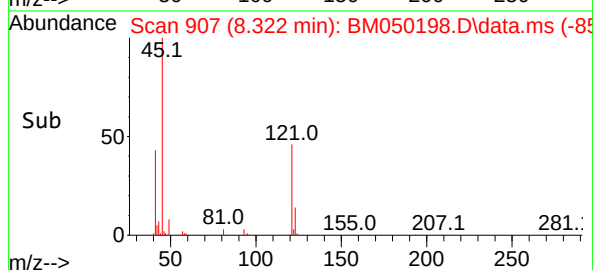
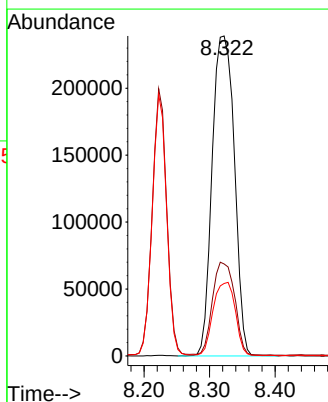
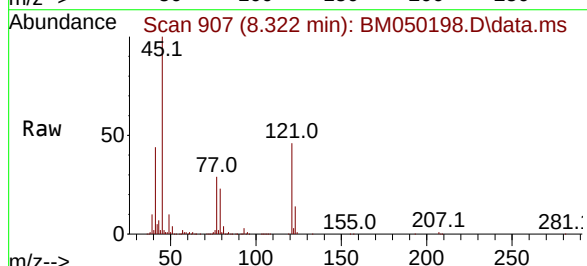
Tgt Ion: 45 Resp: 561618

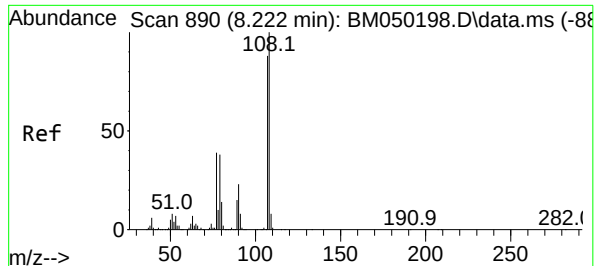
Ion Ratio Lower Upper

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

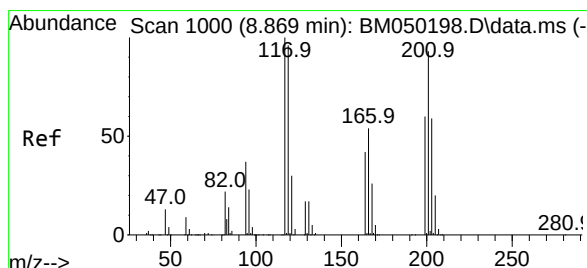
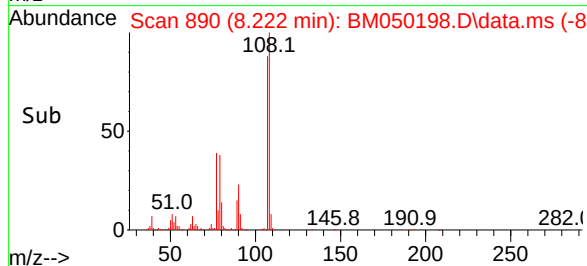
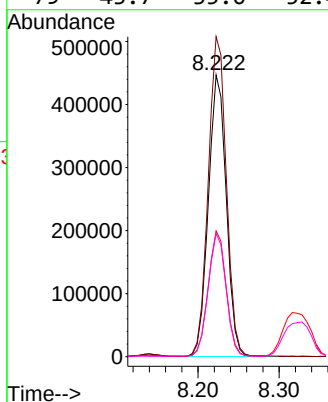
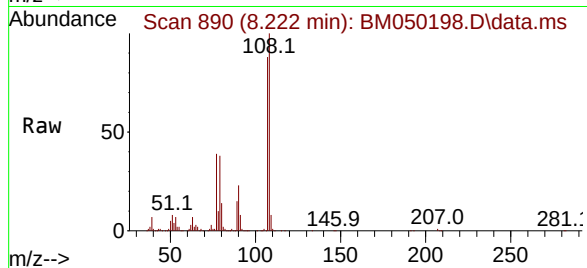
79 43.7 35.0 52.4

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

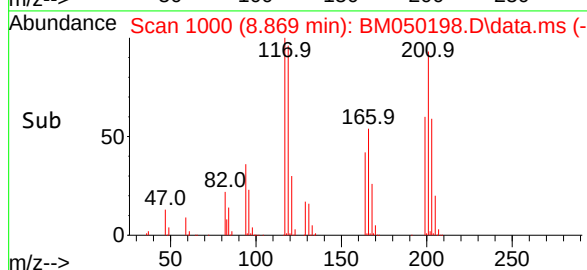
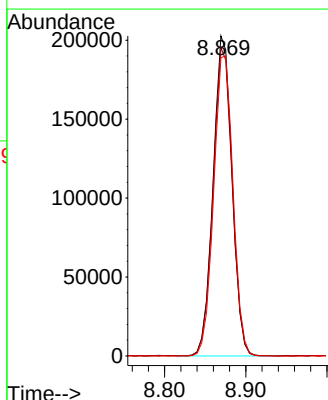
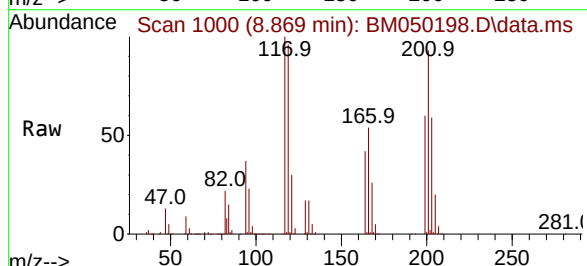
Tgt Ion:117 Resp: 329145

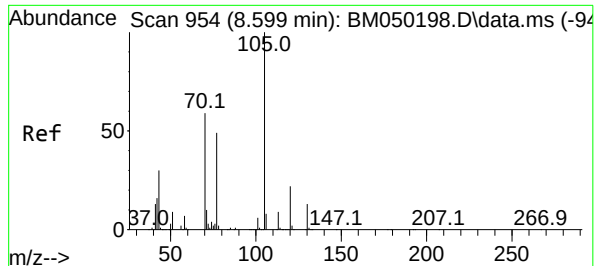
Ion Ratio Lower Upper

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

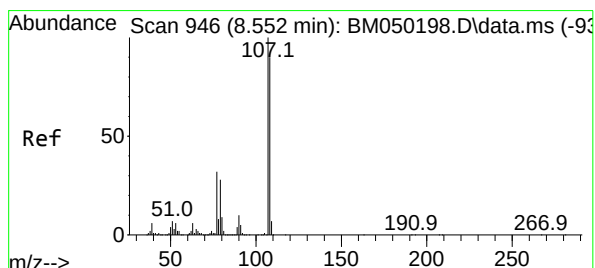
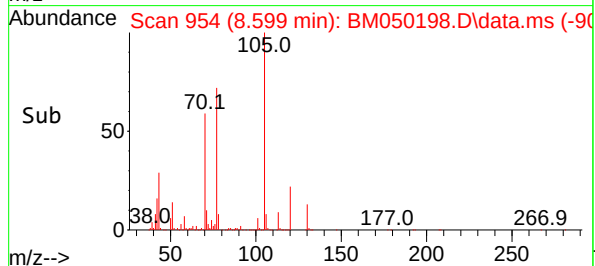
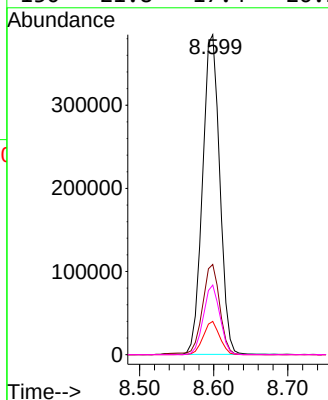
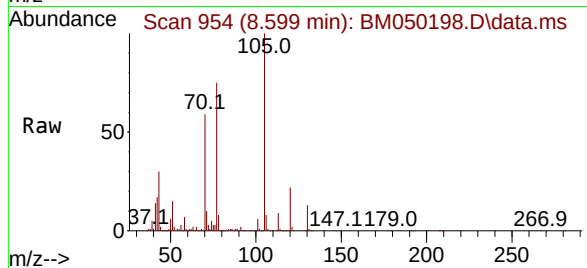
130 21.8 17.4 26.2

Manual Integrations

APPROVED

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

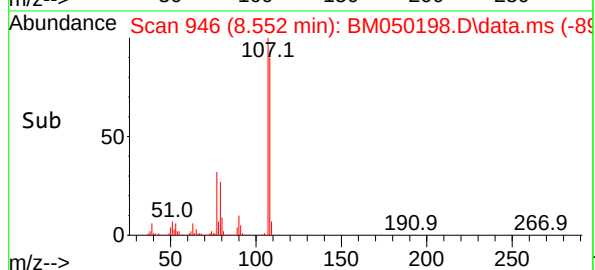
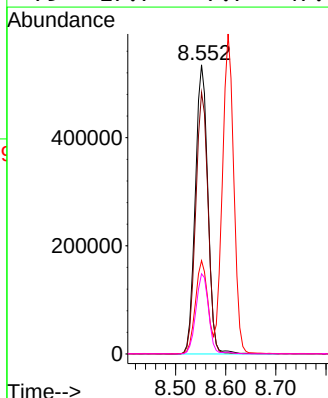
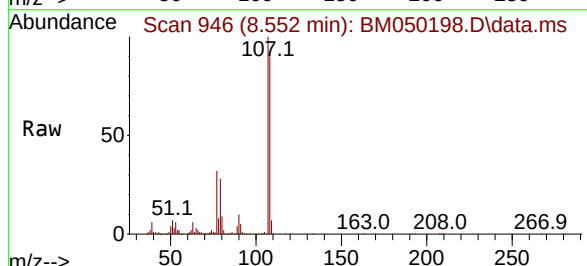
Ion Ratio Lower Upper

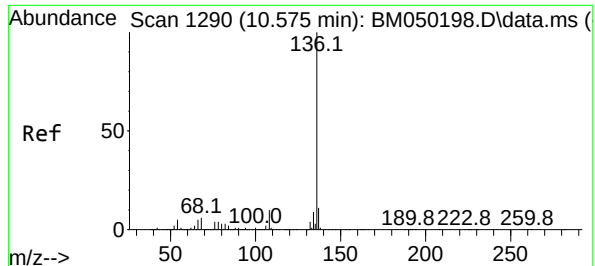
107 100

108 90.4 70.4 110.4

77 32.2 12.2 52.2

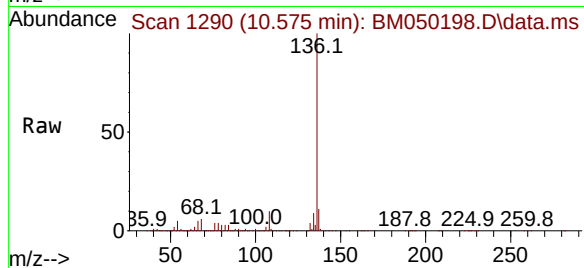
79 27.7 7.7 47.7





#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

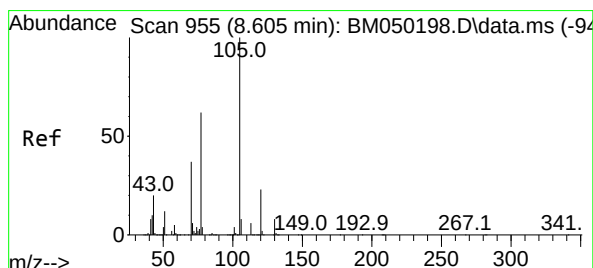
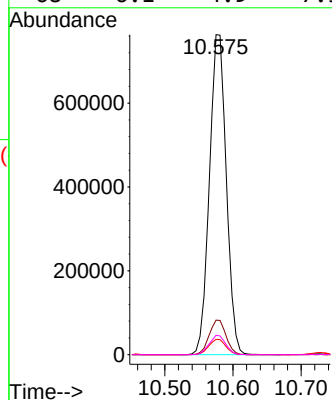
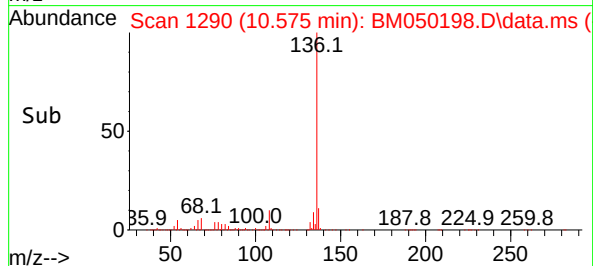
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

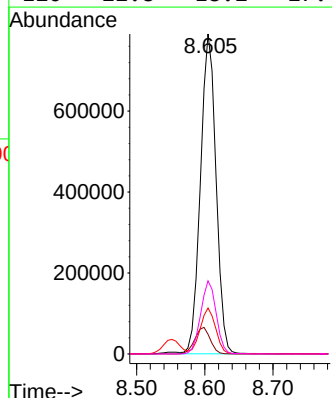
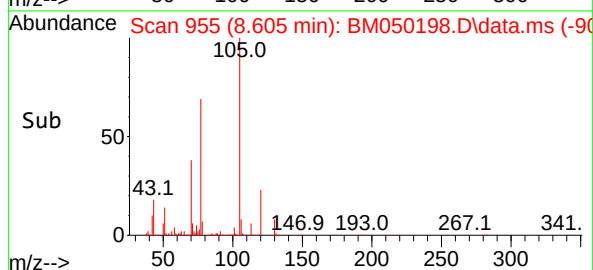
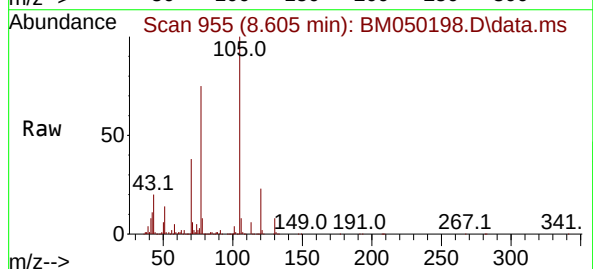
Manual Integrations
APPROVED

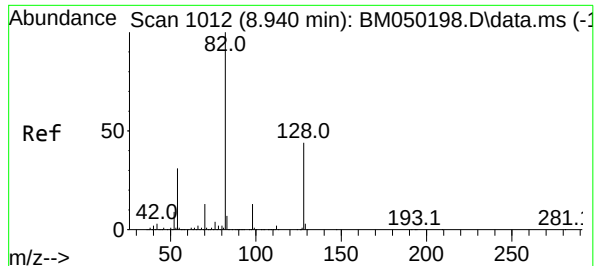
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

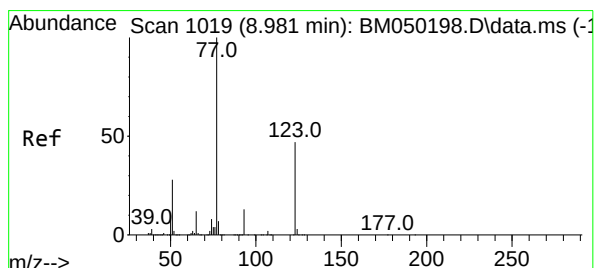
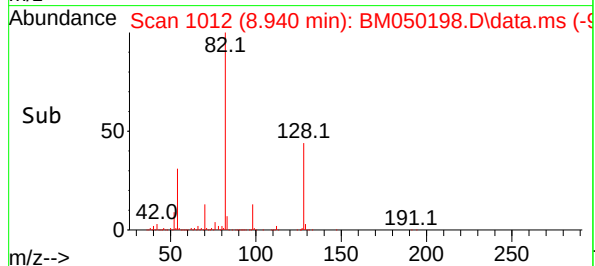
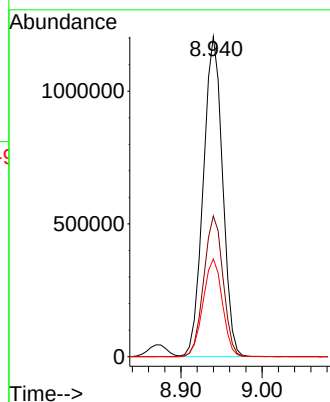
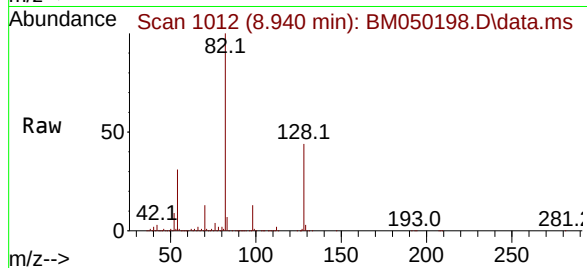
54 30.6 24.5 36.7

Manual Integrations

APPROVED

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

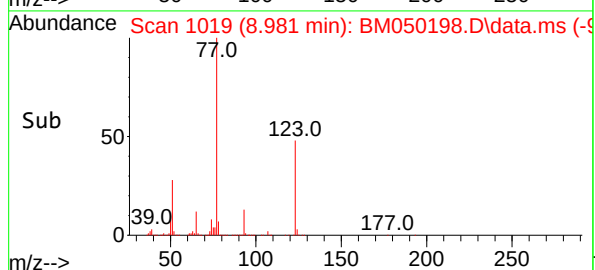
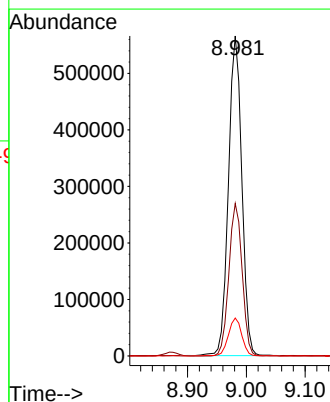
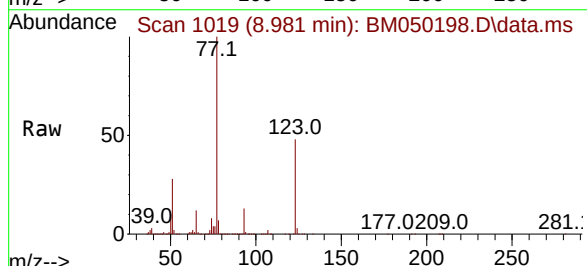
Tgt Ion: 77 Resp: 893607

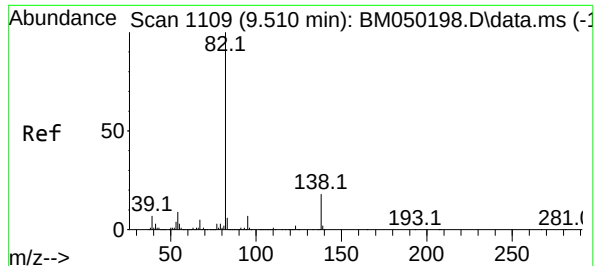
Ion Ratio Lower Upper

77 100

123 47.7 38.2 57.2

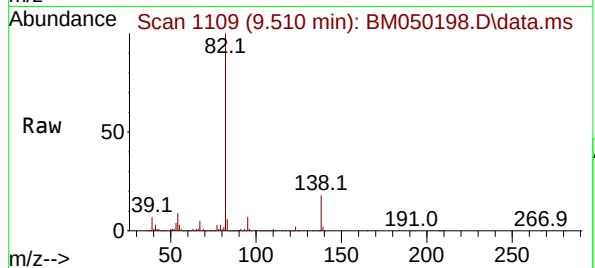
65 11.9 9.5 14.3





#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

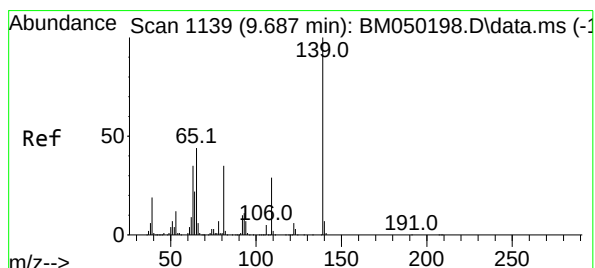
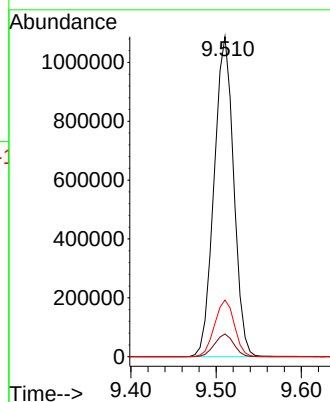
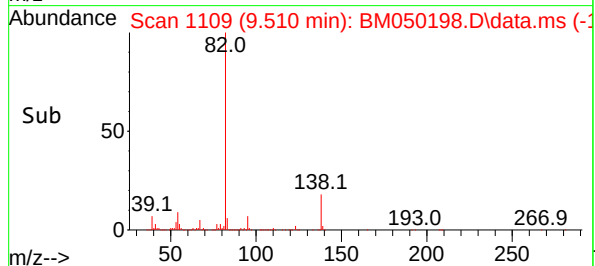
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

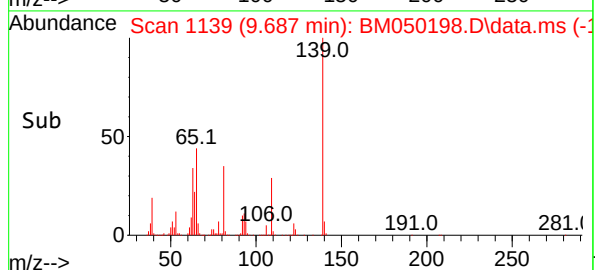
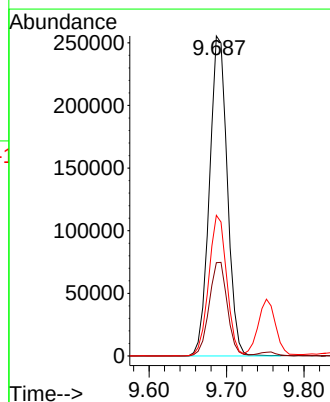
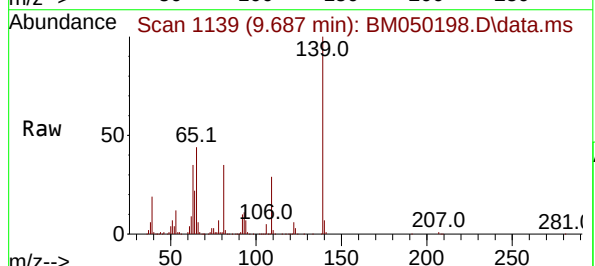
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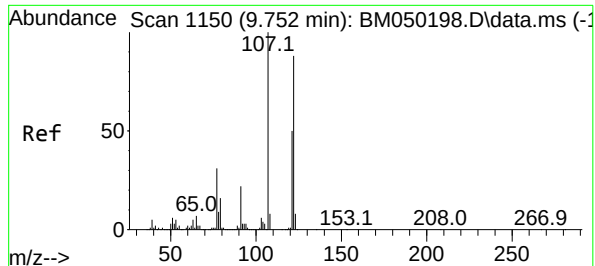
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

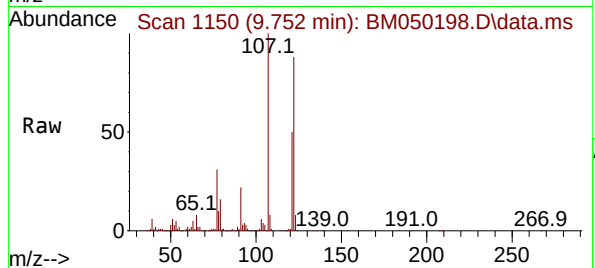
Tgt Ion:139 Resp: 407943
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 44.0 35.2 52.8





#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

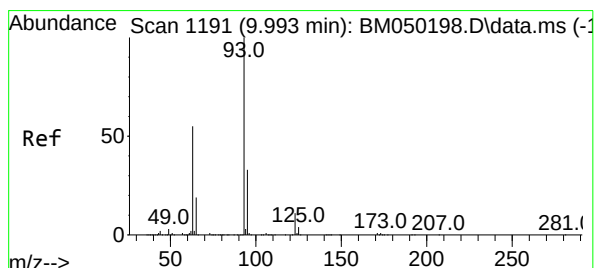
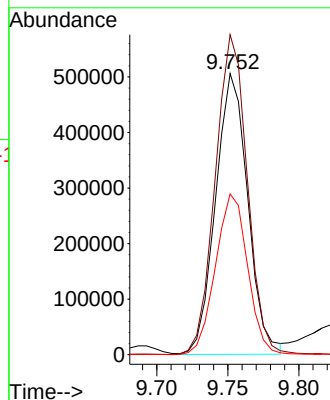
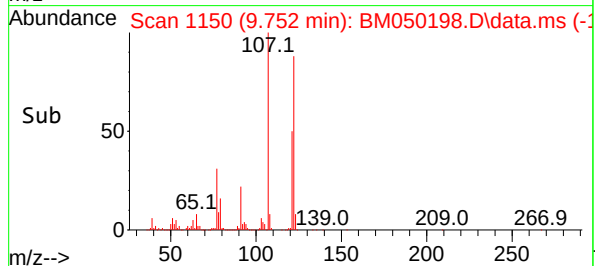
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



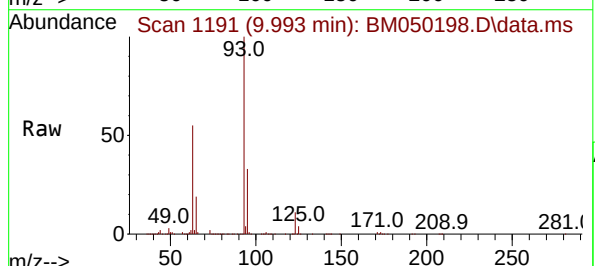
Tgt Ion:122 Resp: 79814
Ion Ratio Lower Upper
122 100
107 113.8 91.0 136.6
121 57.2 45.8 68.6

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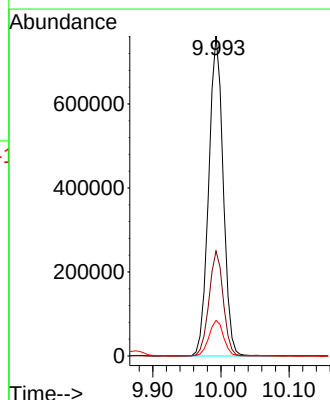
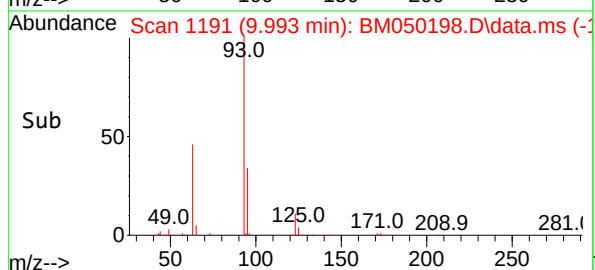
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

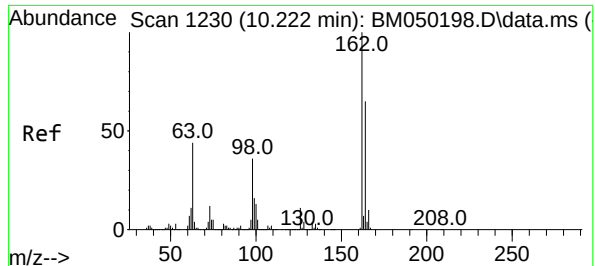


#28
bis(2-Chloroethoxy)methane
Concen: 39.371 ng
RT: 9.993 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



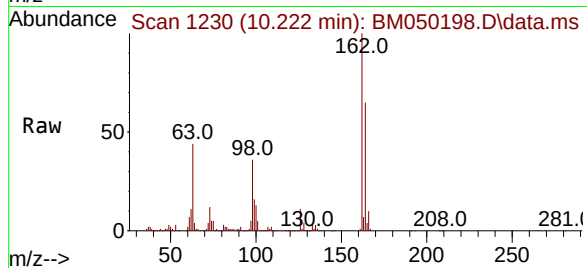
Tgt Ion: 93 Resp: 1123606
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 11.1 8.9 13.3





#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

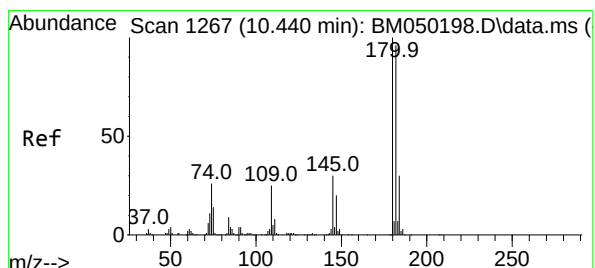
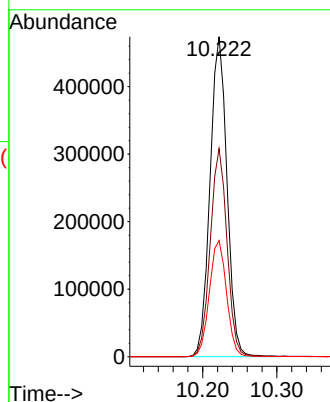
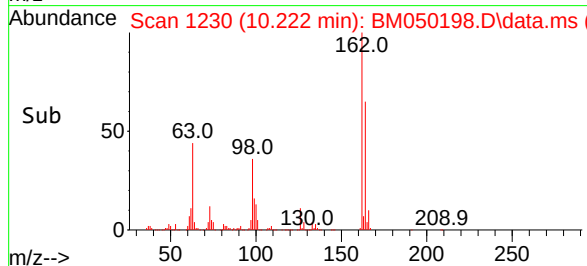
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

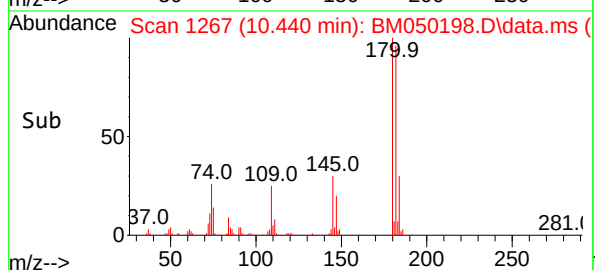
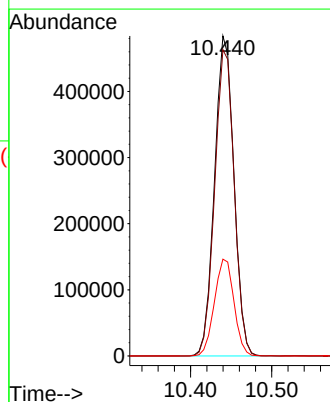
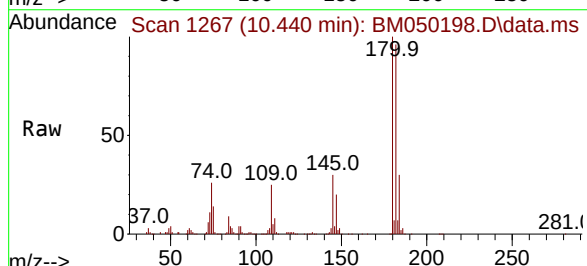
Manual Integrations
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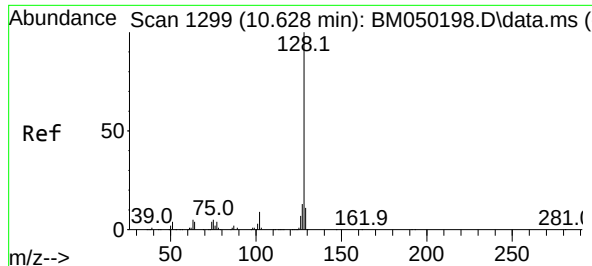
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

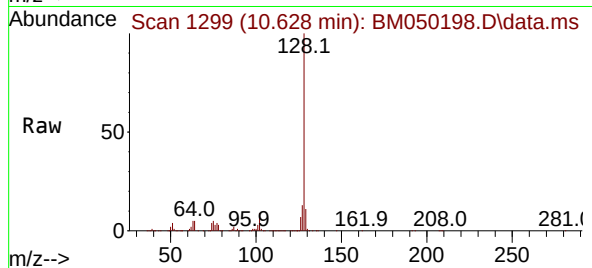
Tgt Ion:180 Resp: 803693
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 30.3 24.2 36.4





#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

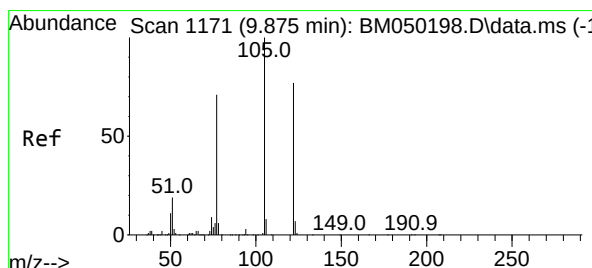
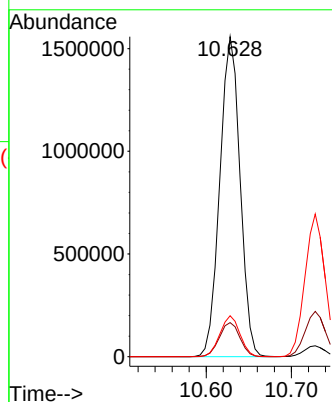
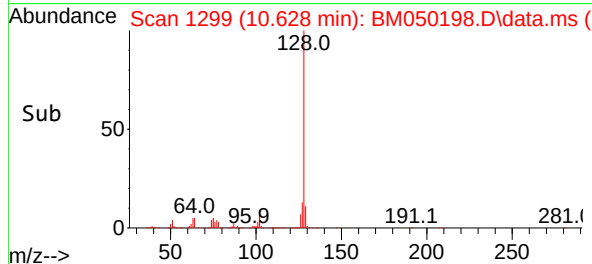
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

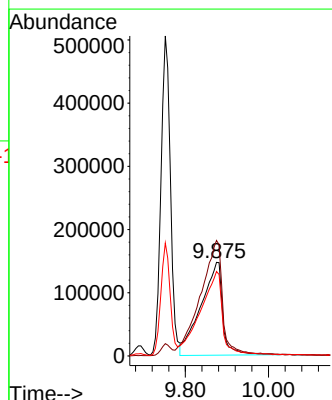
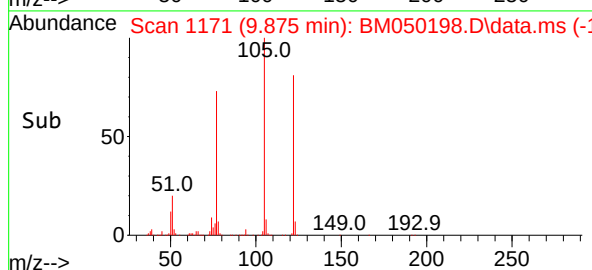
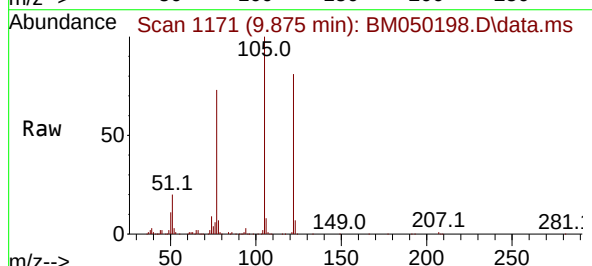
Manual Integrations
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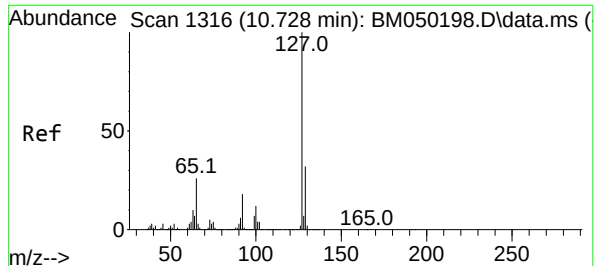
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

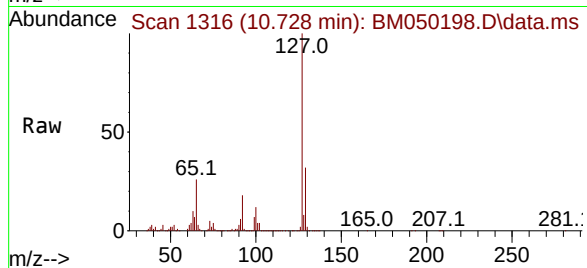
Tgt Ion:122 Resp: 538152
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 90.3 70.3 110.3





#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

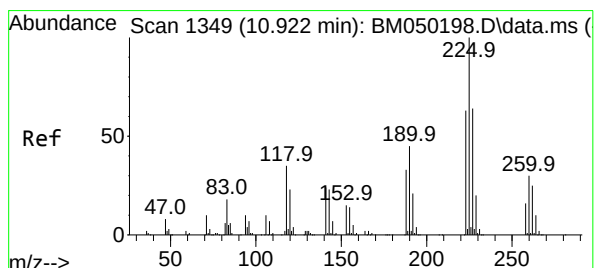
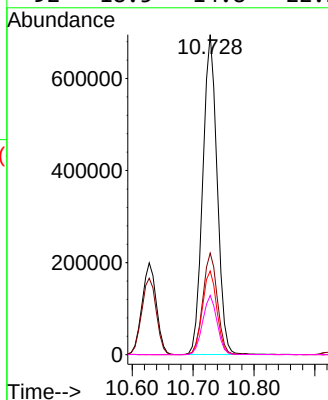
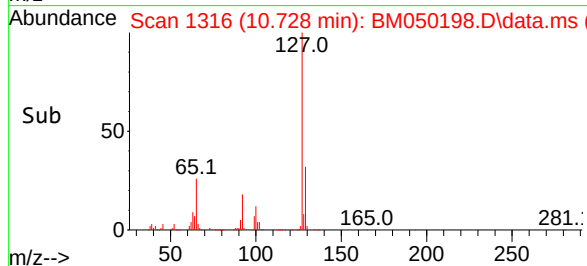
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

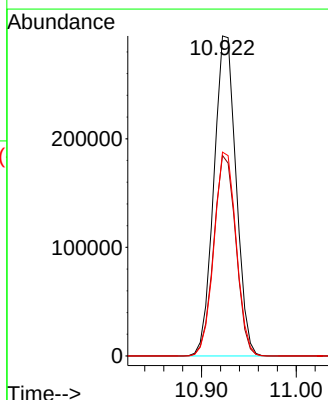
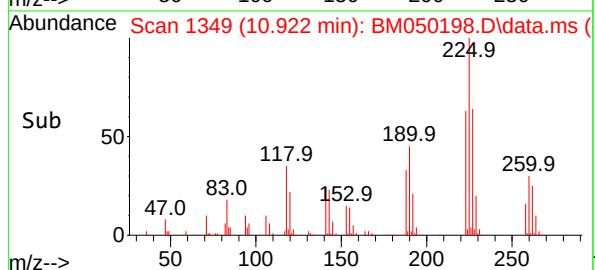
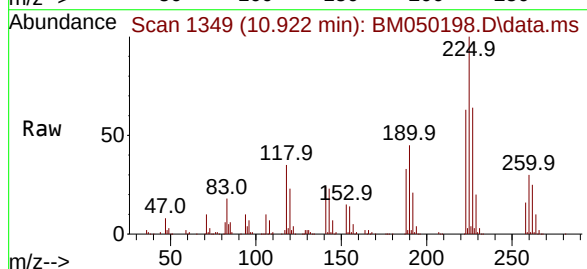
Manual Integrations
APPROVED

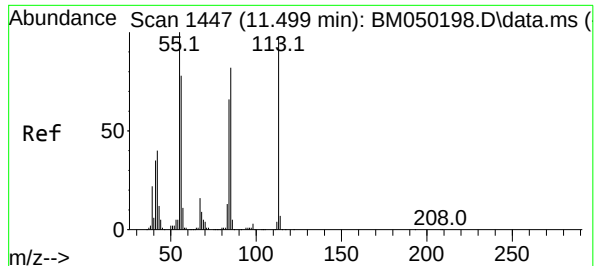
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

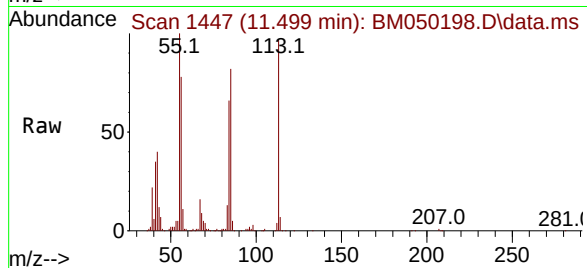
Tgt Ion:225 Resp: 480290
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.7 51.0 76.4





#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

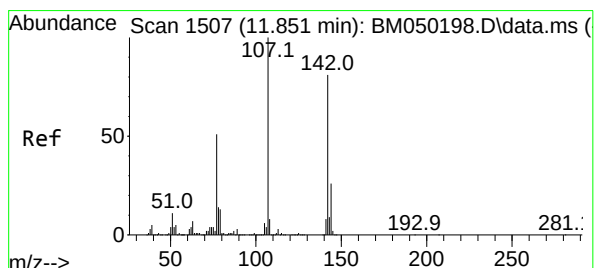
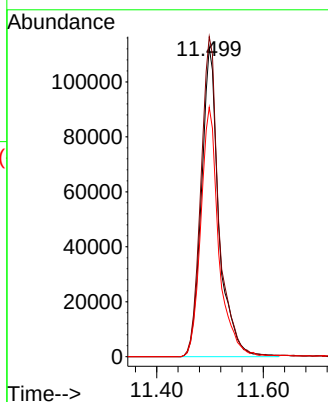
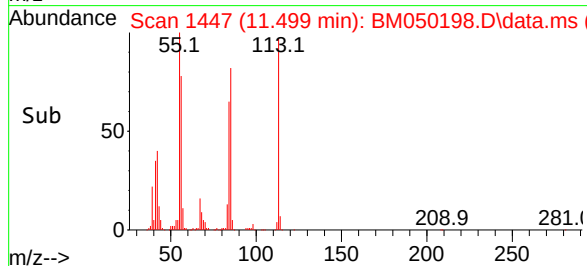
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

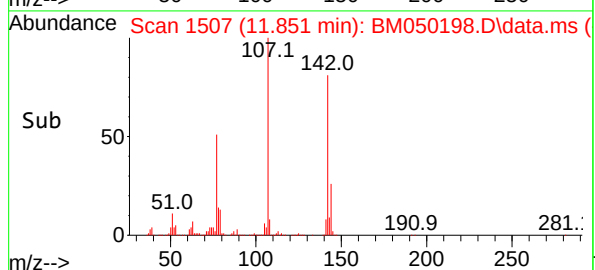
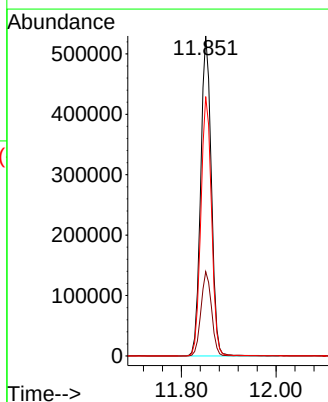
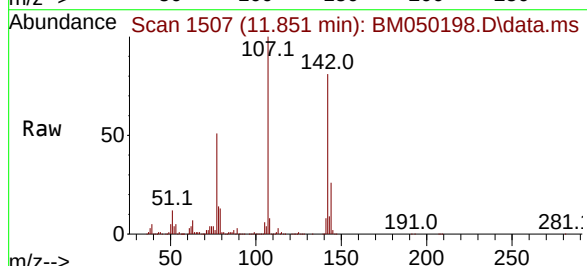
Manual Integrations
APPROVED

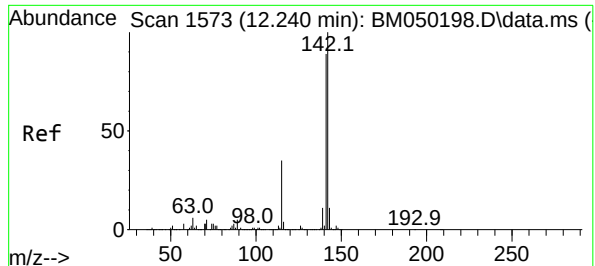
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

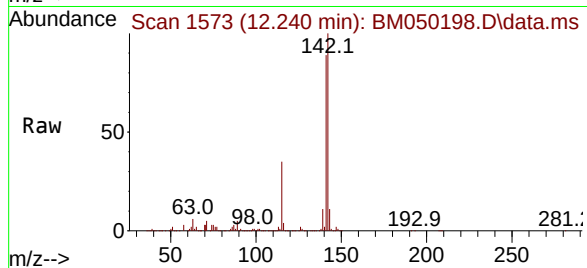
Tgt Ion:107 Resp: 824664
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.0 64.8 97.2





#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

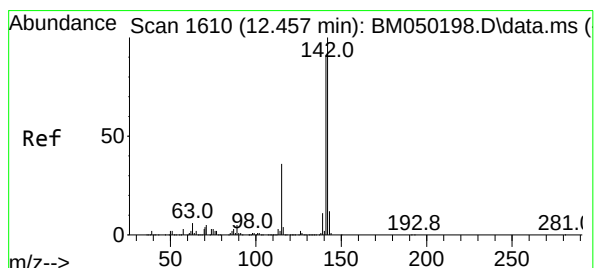
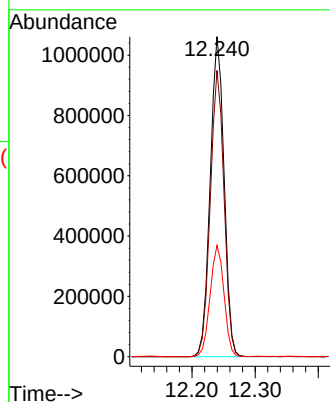
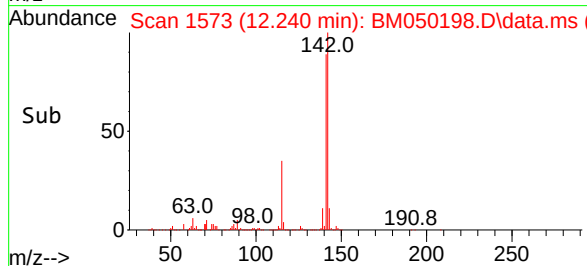
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



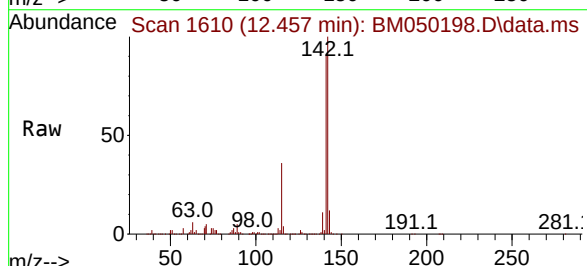
Tgt Ion:142 Resp: 1619990
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3
115 34.8 27.8 41.8

Manual Integrations
APPROVED

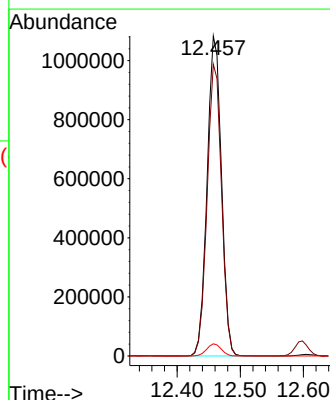
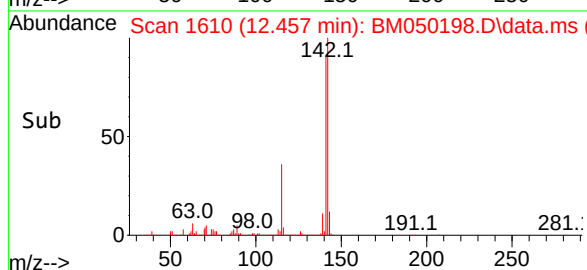
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

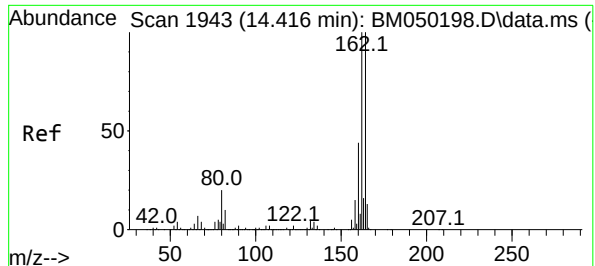


#38
1-Methylnaphthalene
Concen: 39.210 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



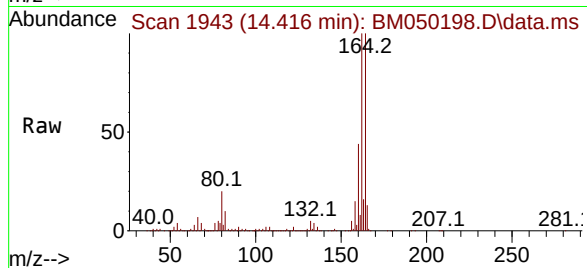
Tgt Ion:142 Resp: 1708673
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.8 3.0 4.6





#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

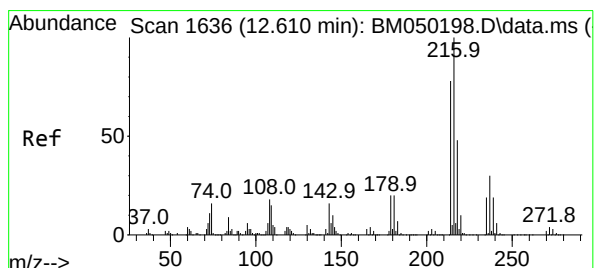
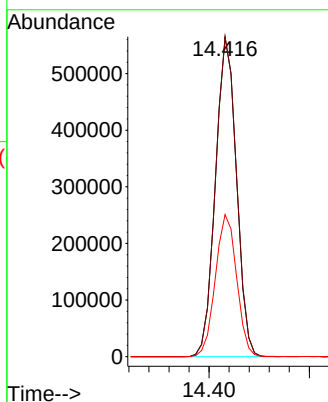
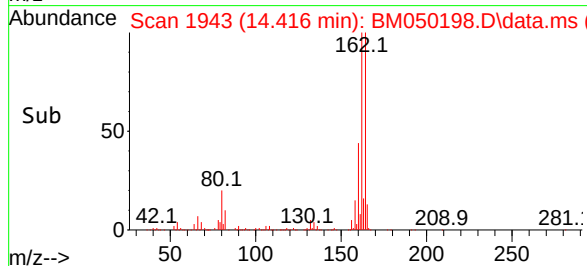
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



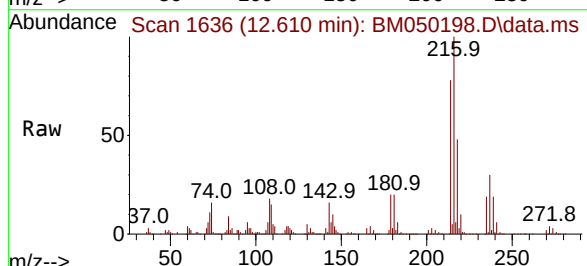
Tgt Ion:164 Resp: 819030
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 44.6 35.7 53.5

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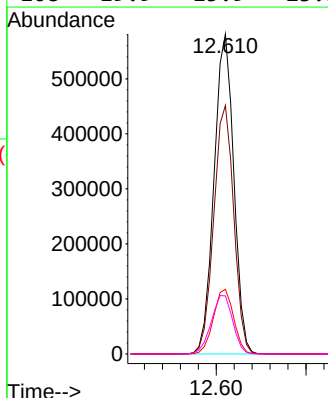
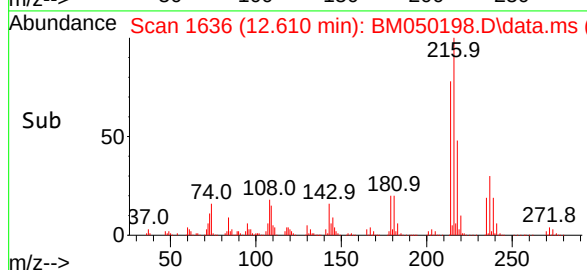
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

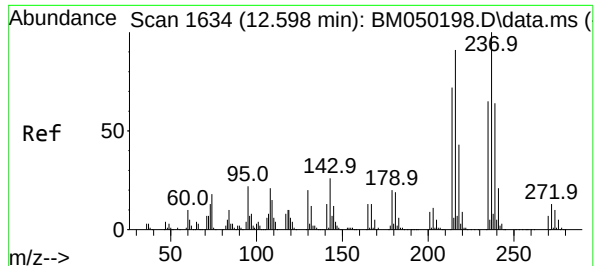


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.472 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



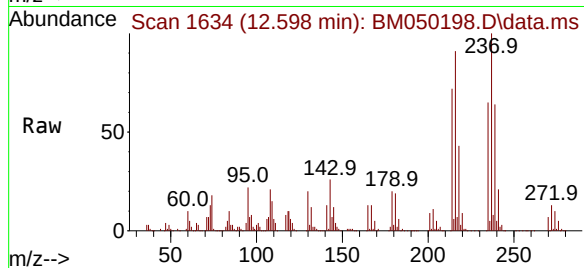
Tgt Ion:216 Resp: 886232
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.8 16.6 25.0
108 19.9 15.9 23.9





#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

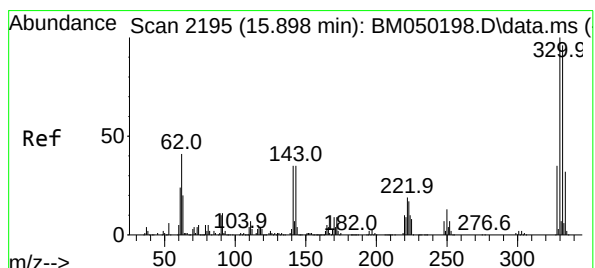
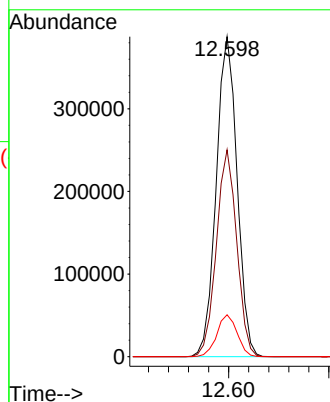
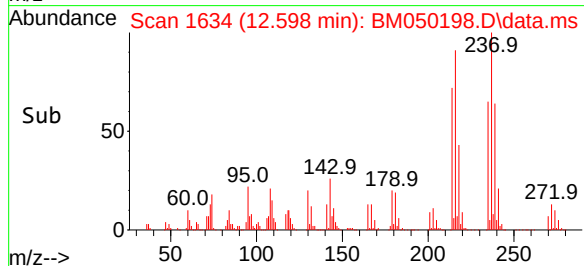
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



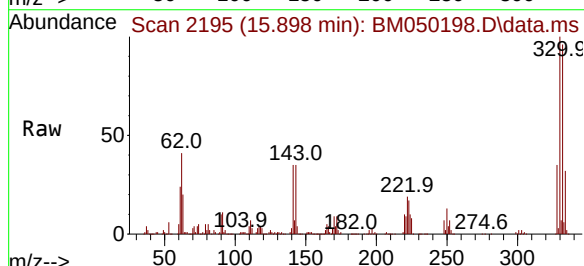
Tgt Ion:237 Resp: 55887
Ion Ratio Lower Upper
237 100
235 64.6 44.6 84.6
272 13.1 0.0 33.1

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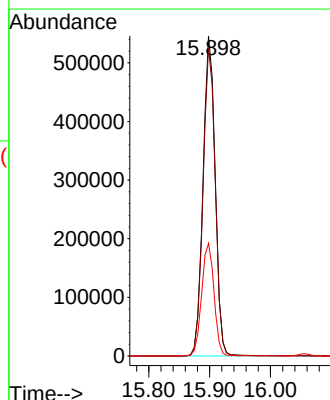
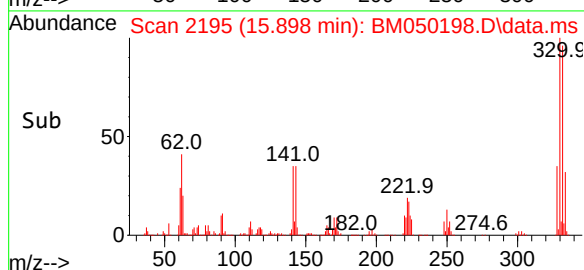
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

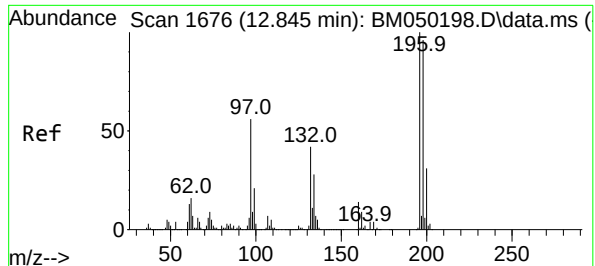


#42
2,4,6-Tribromophenol
Concen: 81.216 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



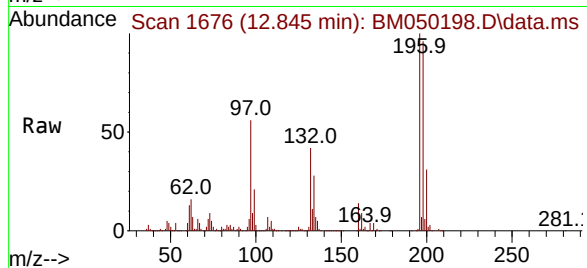
Tgt Ion:330 Resp: 756605
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 36.0 28.8 43.2





#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

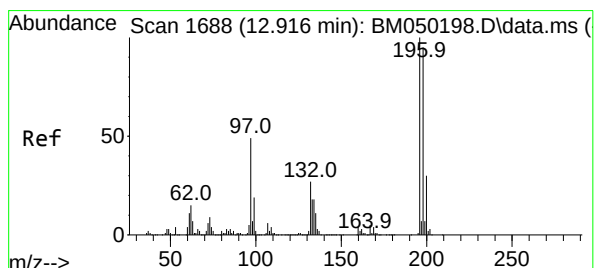
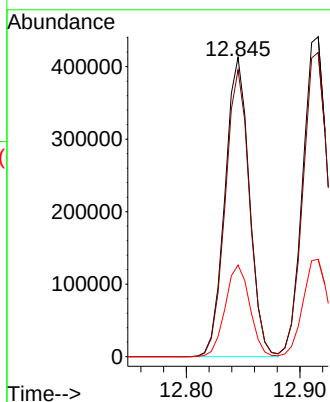
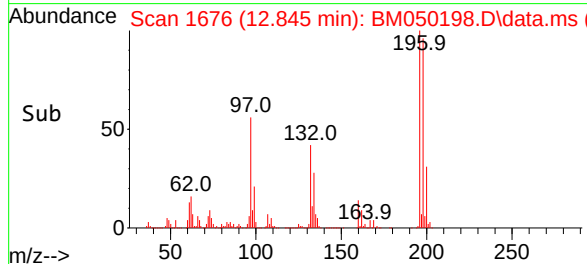
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



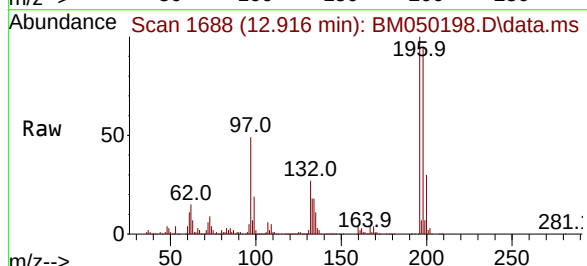
Tgt Ion:196 Resp: 61357
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
200 30.6 24.5 36.7

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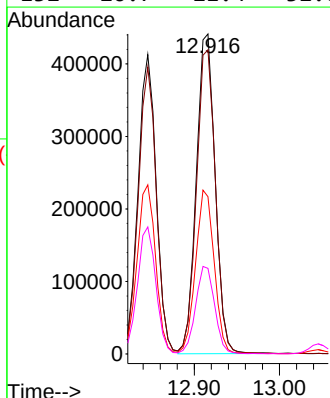
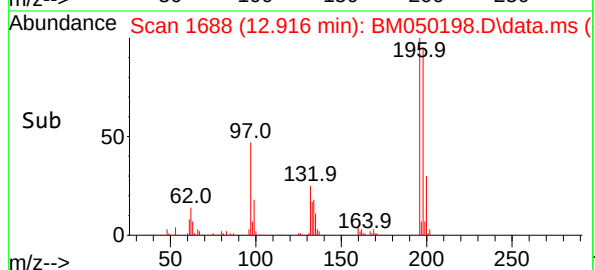
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

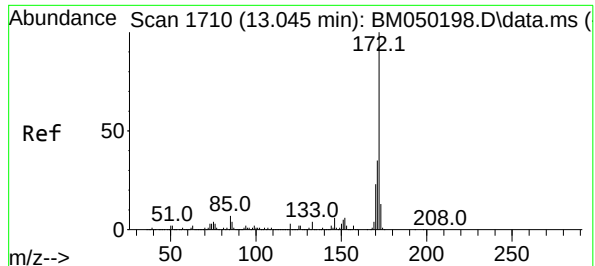


#44
2,4,5-Trichlorophenol
Concen: 39.736 ng
RT: 12.916 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



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

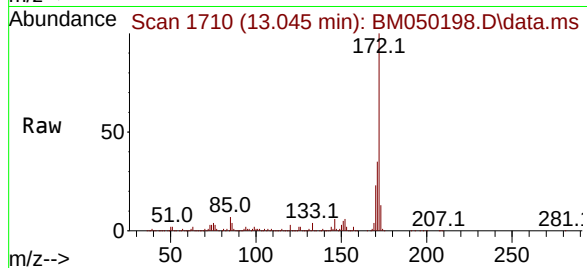
Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:172 Resp: 451086

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

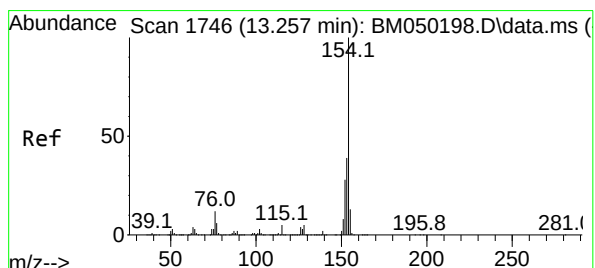
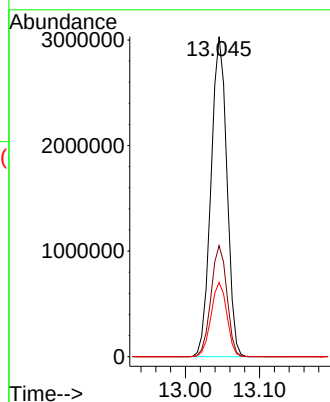
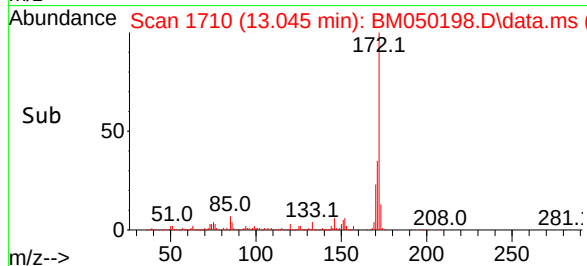
170 23.2 18.6 27.8

Manual Integrations

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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

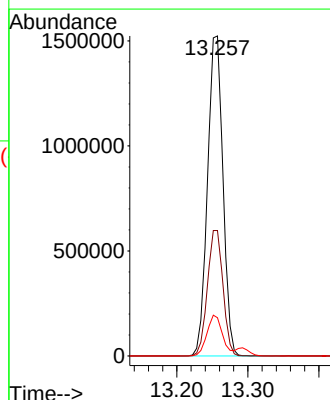
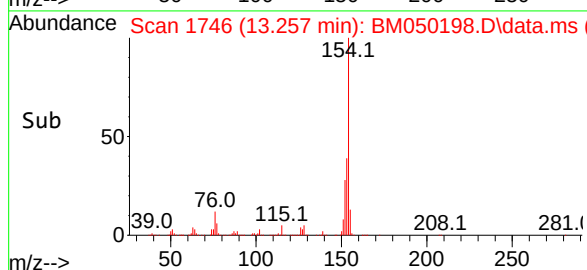
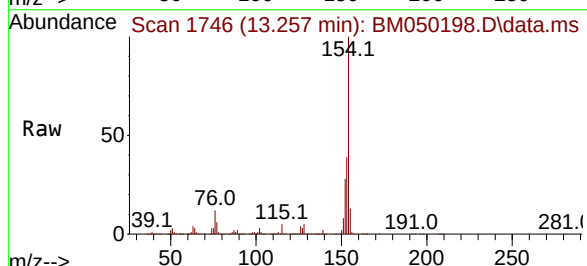
Tgt Ion:154 Resp: 2299241

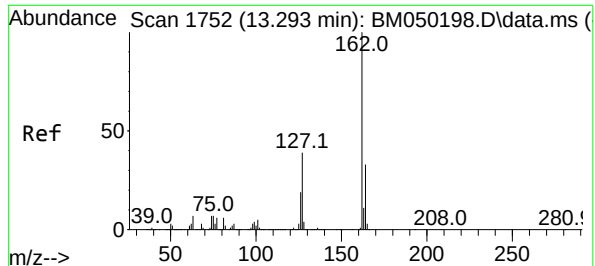
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

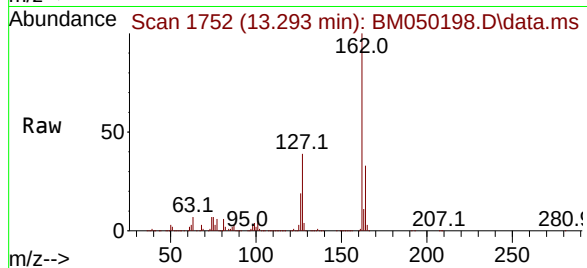
76 12.0 0.0 32.0





#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

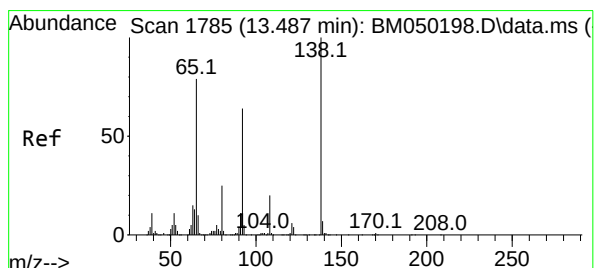
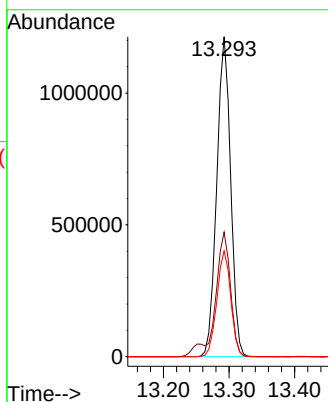
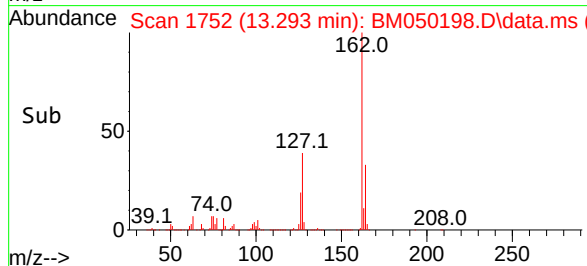
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

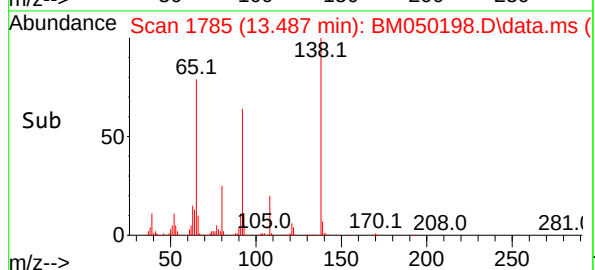
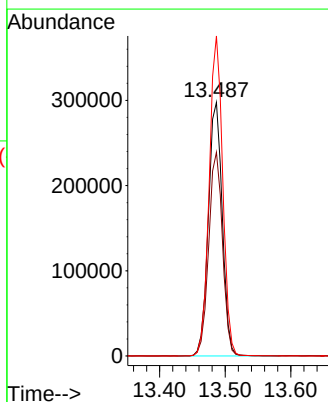
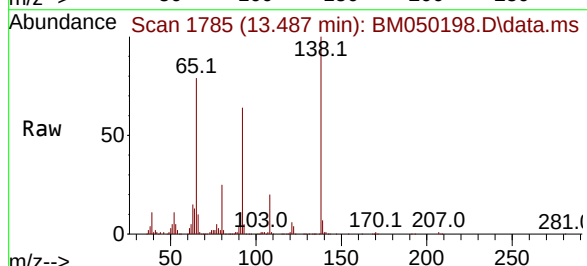
Manual Integrations
APPROVED

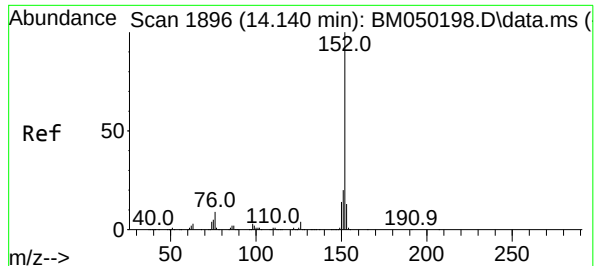
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

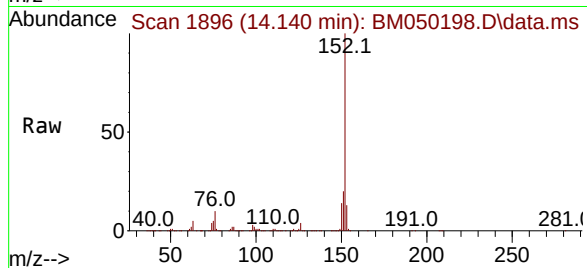
Tgt Ion: 65 Resp: 439212
Ion Ratio Lower Upper
65 100
92 80.3 64.2 96.4
138 126.2 101.0 151.4





#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

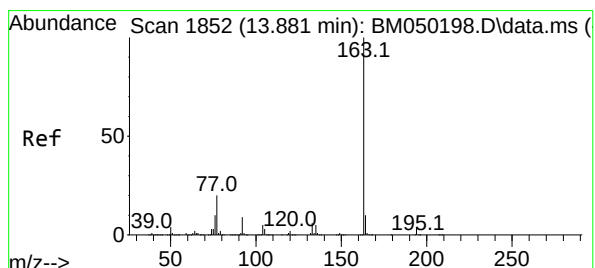
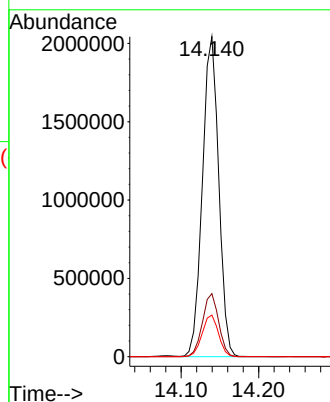
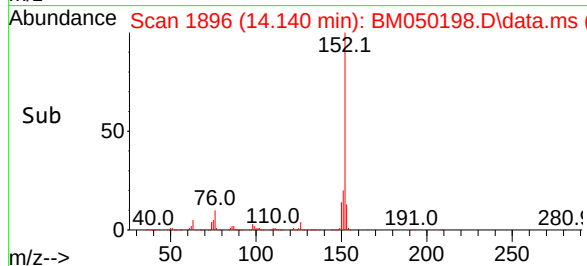
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

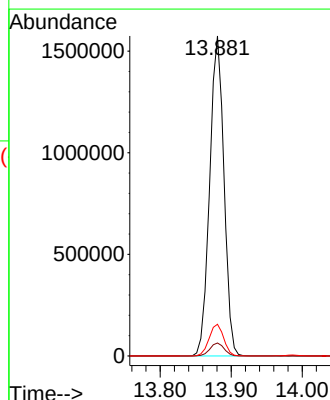
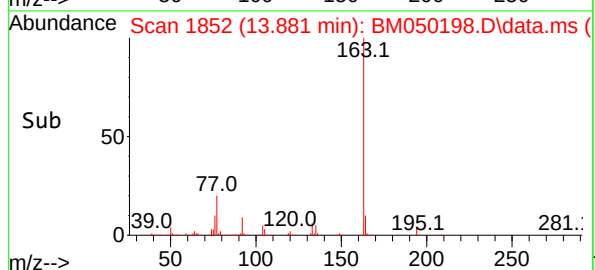
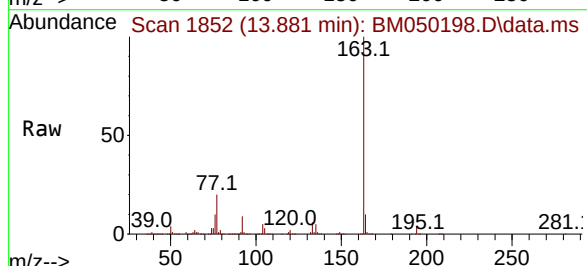
Manual Integrations
APPROVED

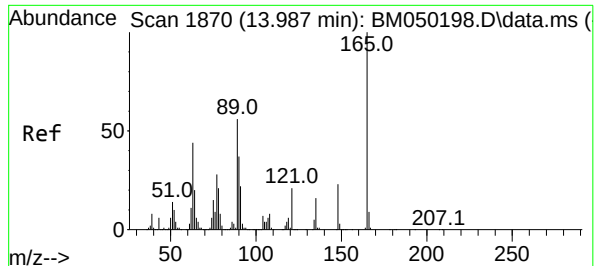
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

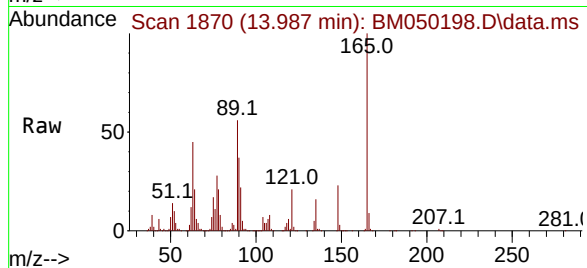
Tgt Ion:163 Resp: 2200039
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.9 11.9





#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

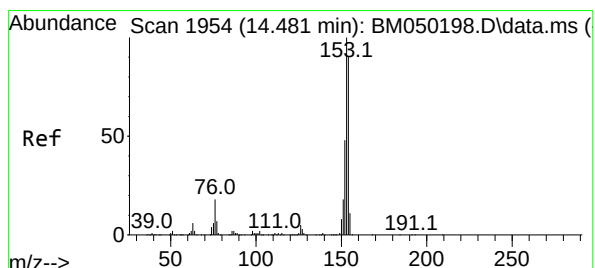
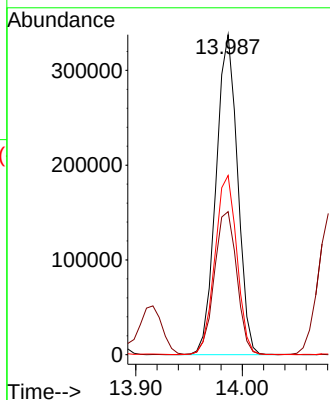
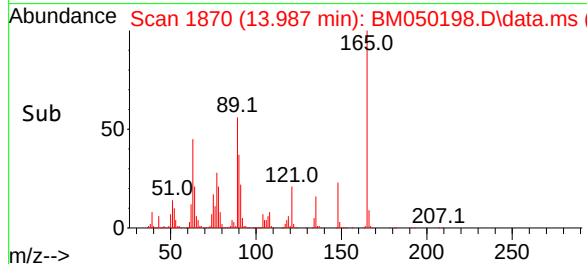
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

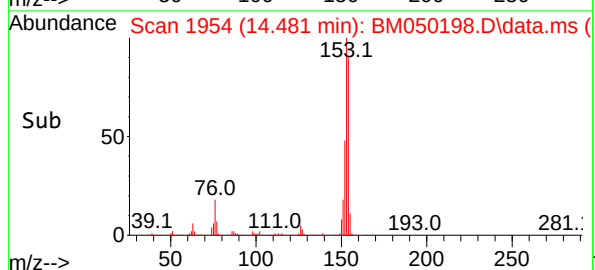
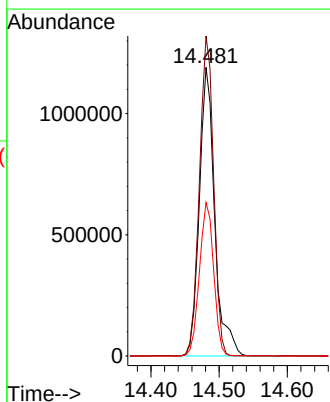
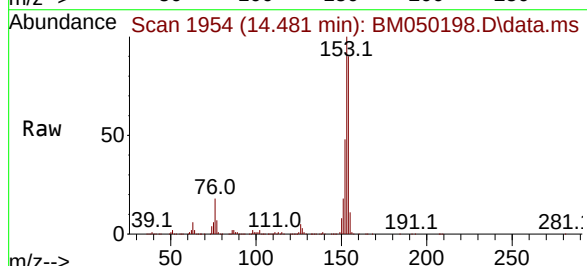
Manual Integrations
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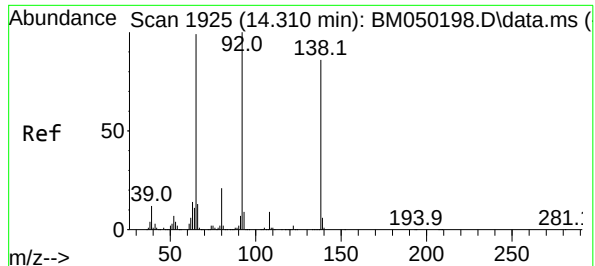
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

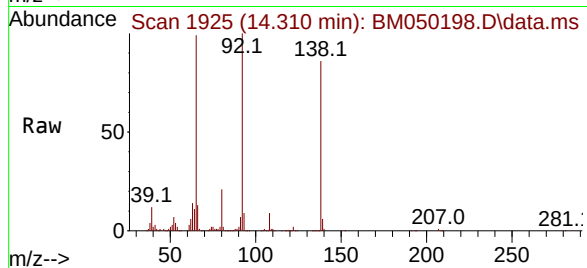
Tgt Ion:154 Resp: 1854951
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 53.2 42.6 63.8





#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

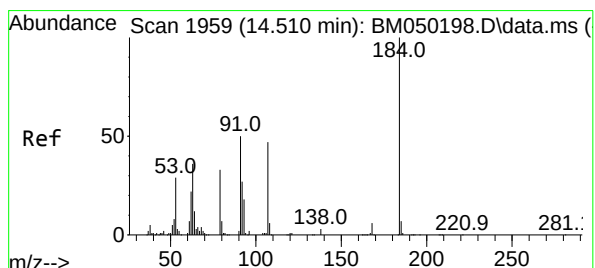
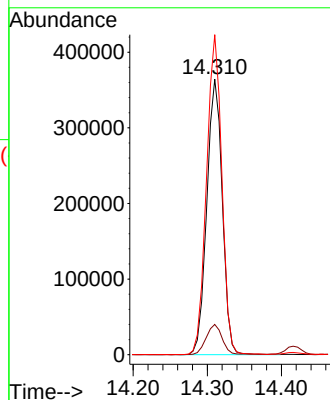
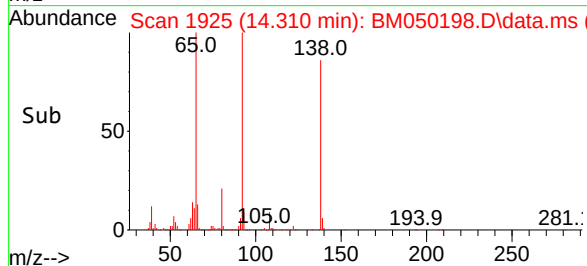
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



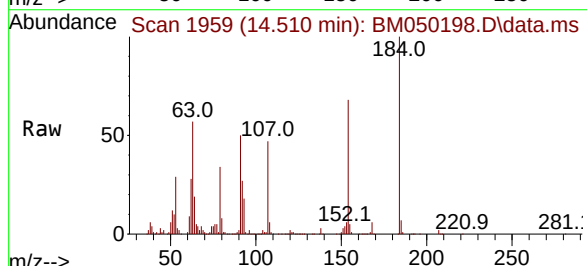
Tgt Ion:138 Resp: 52933
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 116.1 92.9 139.3

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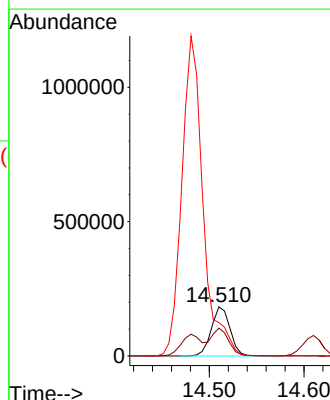
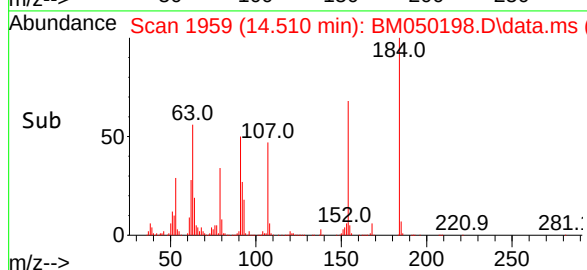
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

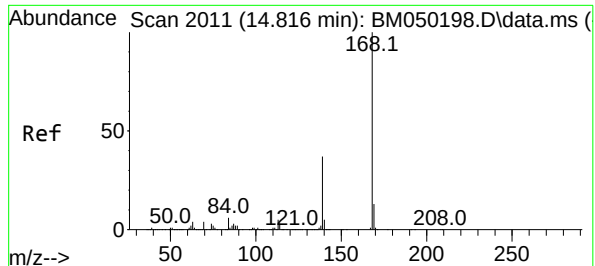


#54
2,4-Dinitrophenol
Concen: 37.659 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



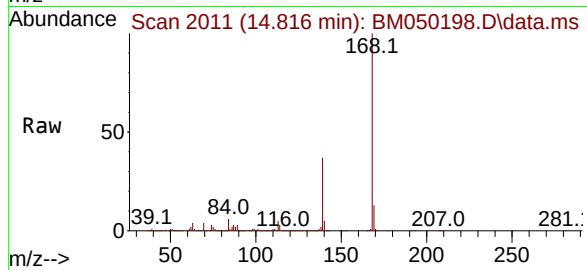
Tgt Ion:184 Resp: 249778
Ion Ratio Lower Upper
184 100
63 56.6 45.3 67.9
154 67.9 54.3 81.5





#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

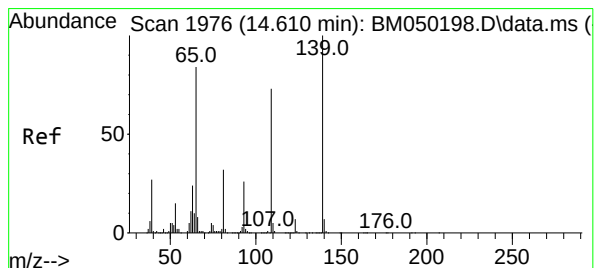
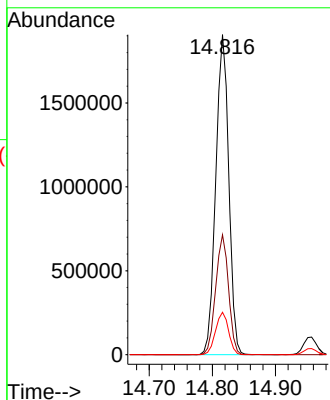
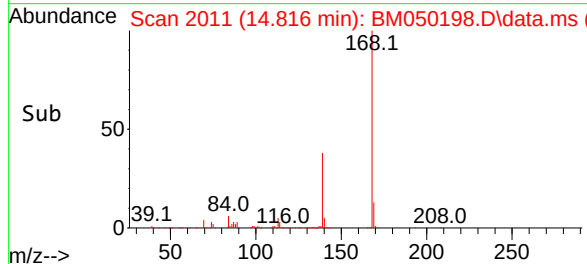
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

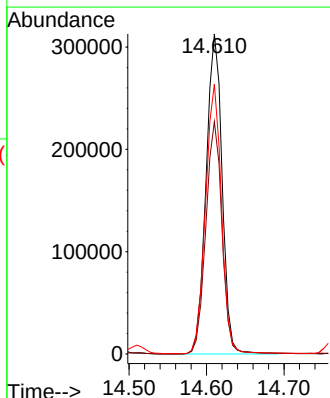
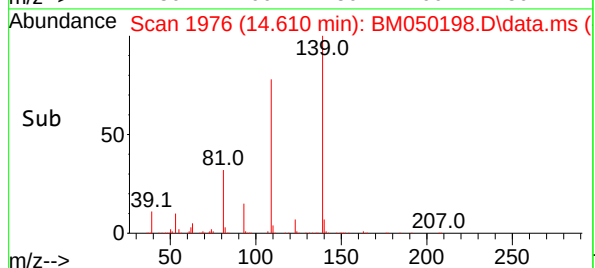
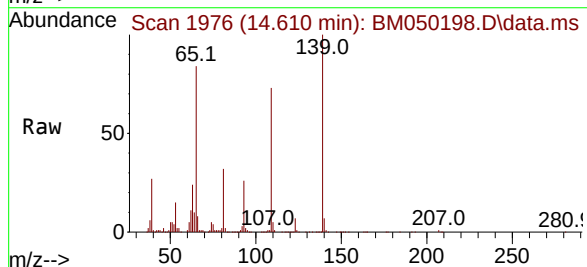
Manual Integrations
APPROVED

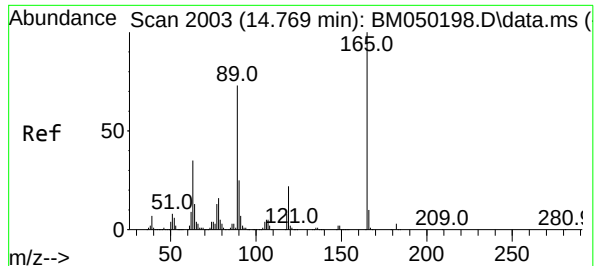
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

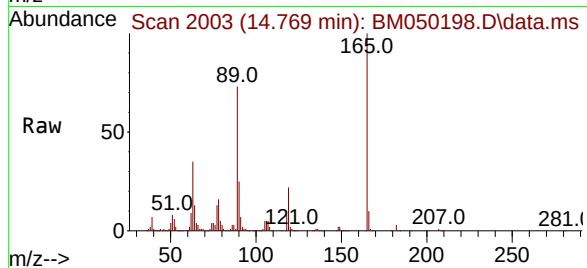
Tgt Ion:139 Resp: 449268
Ion Ratio Lower Upper
139 100
109 72.6 52.6 92.6
65 84.3 64.3 104.3





#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

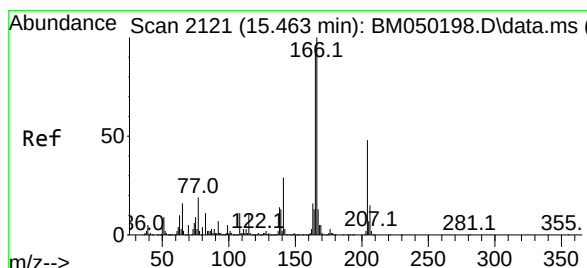
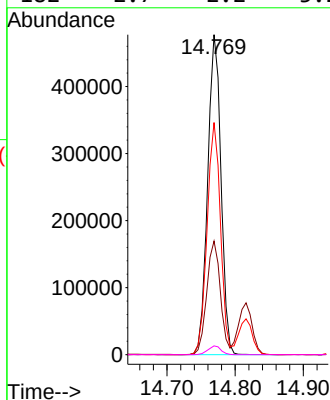
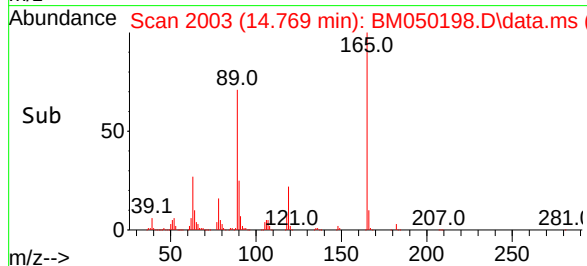
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

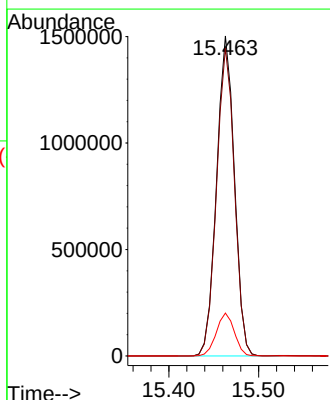
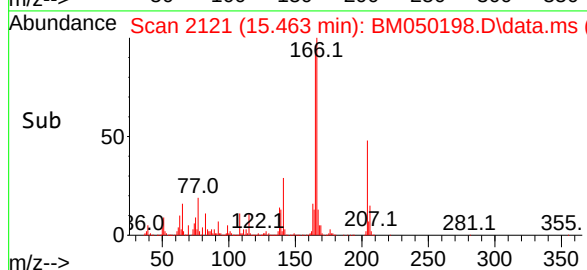
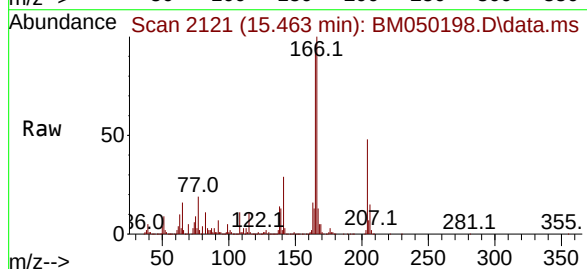
Manual Integrations
APPROVED

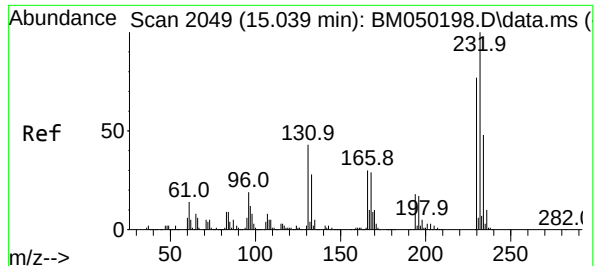
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

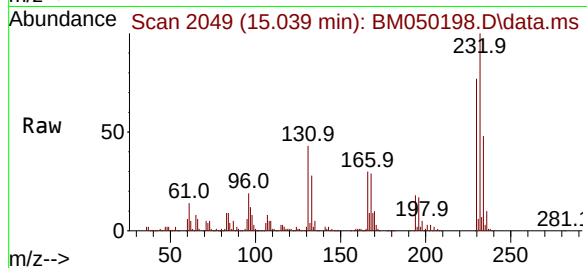
Tgt Ion:166 Resp: 2075880
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.4 10.7 16.1





#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

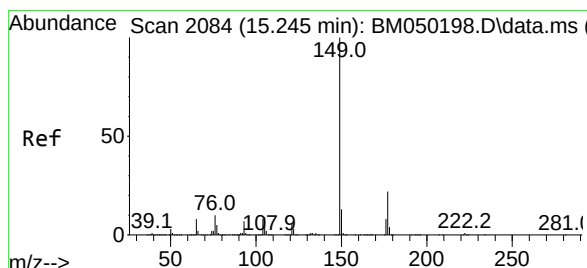
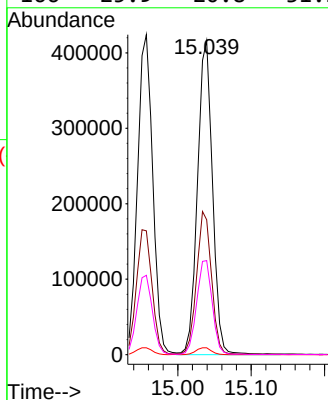
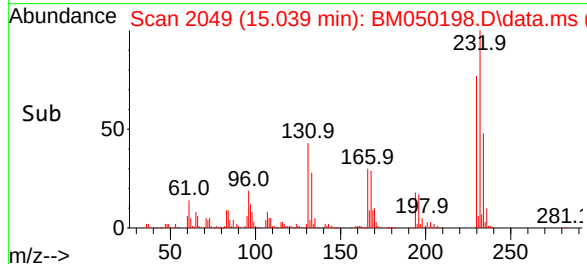
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

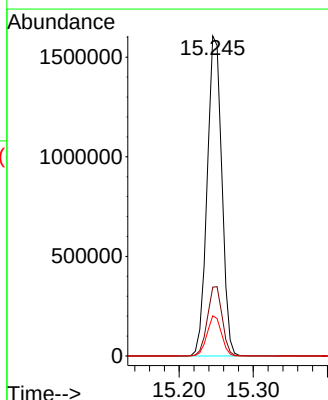
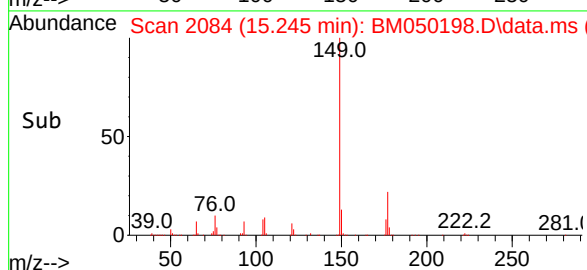
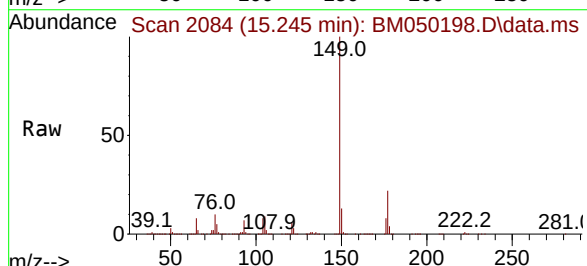
Manual Integrations
APPROVED

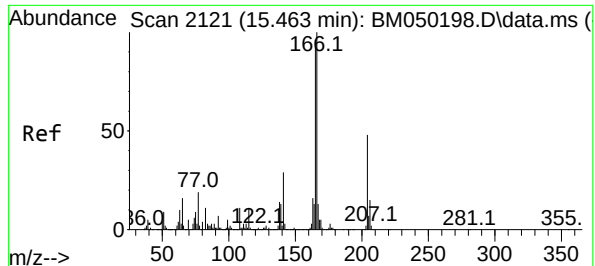
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

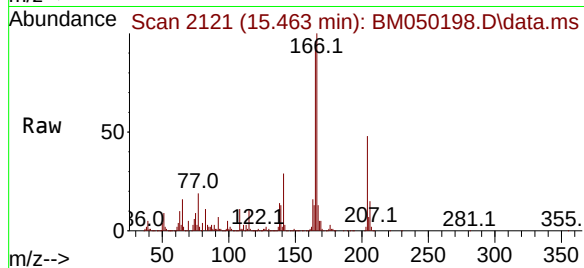
Tgt Ion:149 Resp: 2205514
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.0 15.0





#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

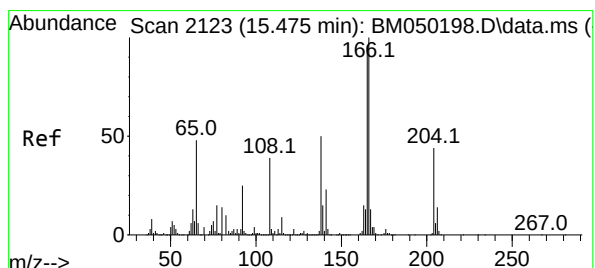
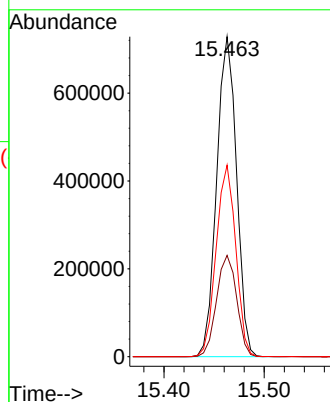
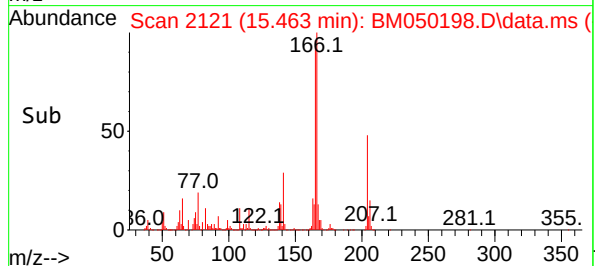
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

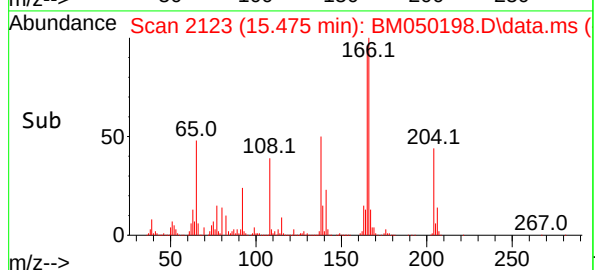
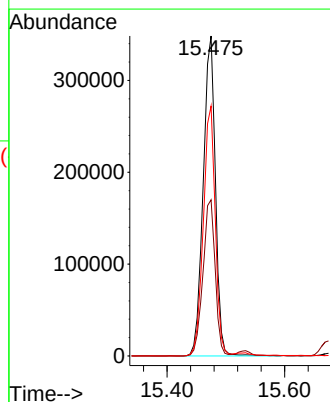
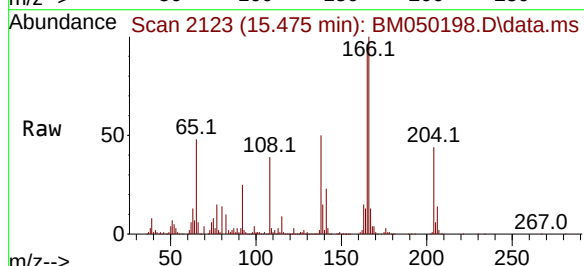
Manual Integrations
APPROVED

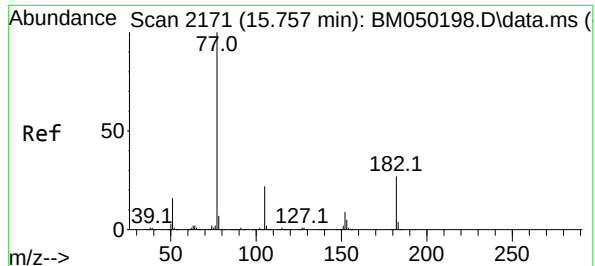
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

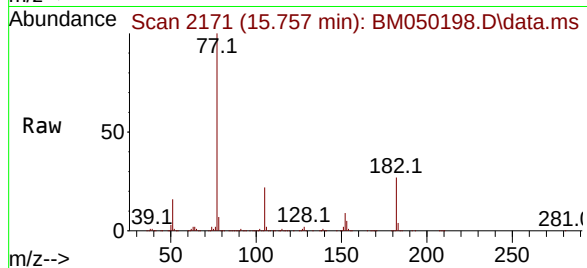
Tgt Ion:138 Resp: 503785
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 78.1 58.1 98.1





#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

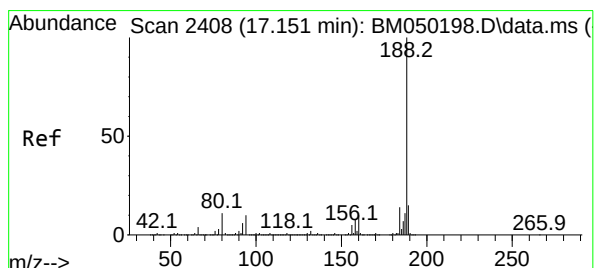
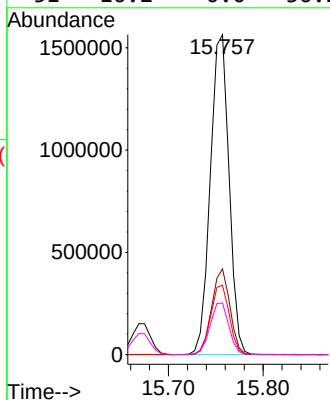
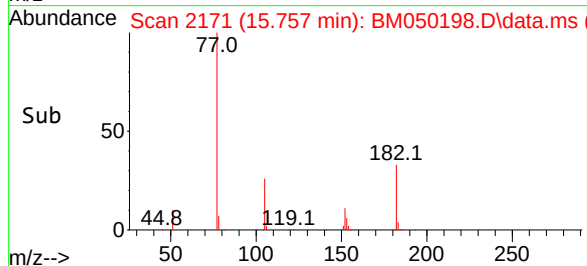
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



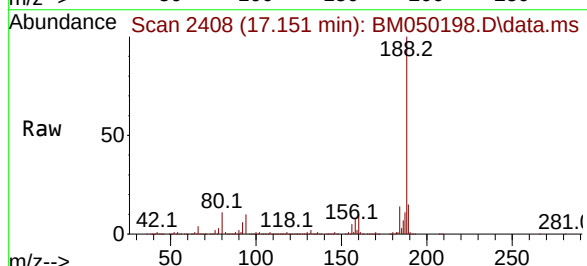
Tgt Ion: 77 Resp: 215145
Ion Ratio Lower Upper
77 100
182 26.8 6.8 46.8
105 21.7 1.7 41.7
51 16.2 0.0 36.2

Manual Integrations
APPROVED

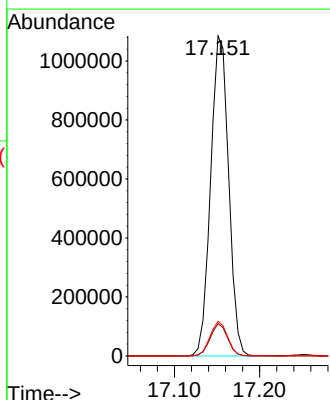
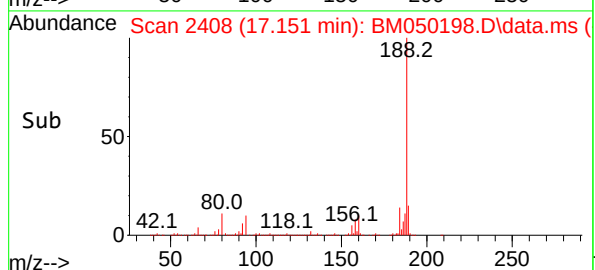
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

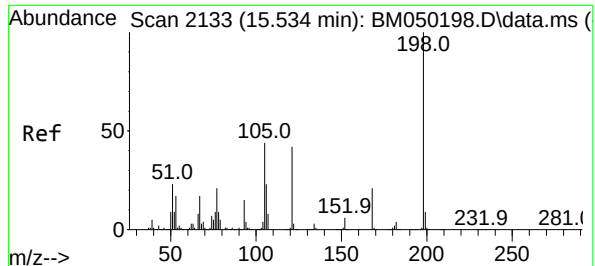


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



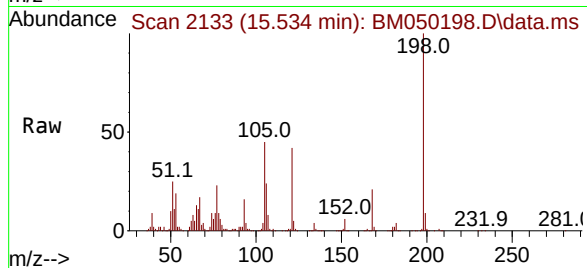
Tgt Ion:188 Resp: 1590674
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.8 8.6 13.0





#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

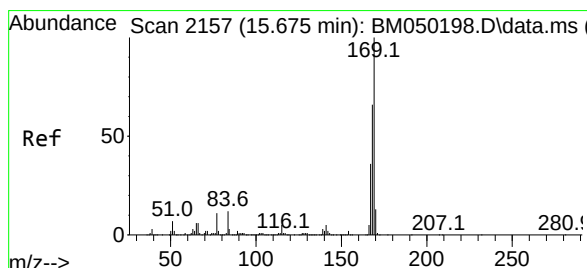
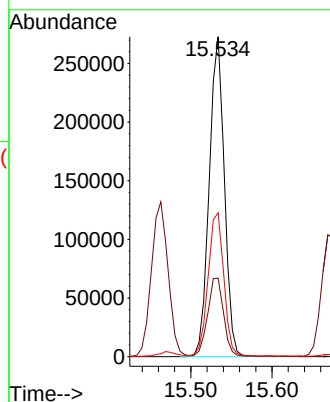
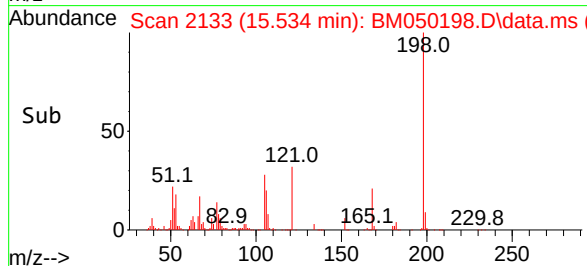
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



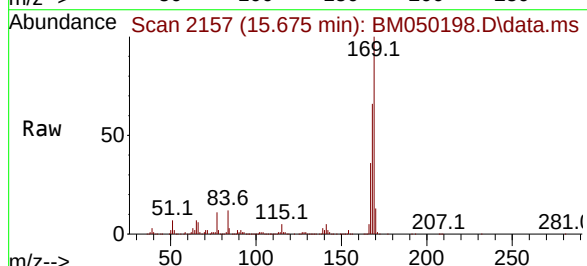
Tgt Ion:198 Resp: 353231
Ion Ratio Lower Upper
198 100
51 24.5 4.5 44.5
105 44.9 24.9 64.9

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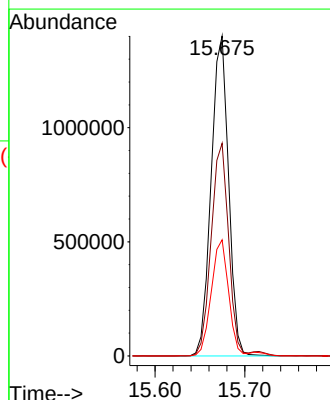
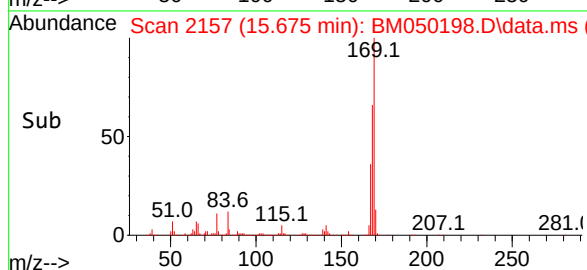
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

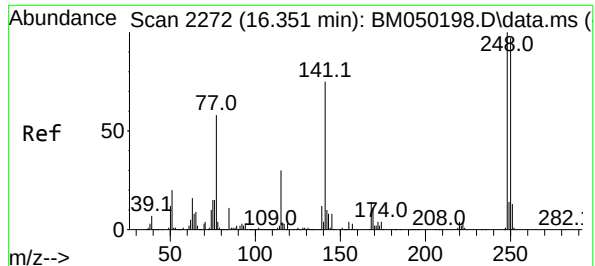


#66
n-Nitrosodiphenylamine
Concen: 37.784 ng
RT: 15.675 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



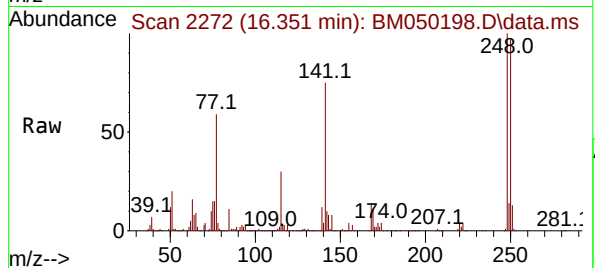
Tgt Ion:169 Resp: 1888442
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 29.0 43.6





#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

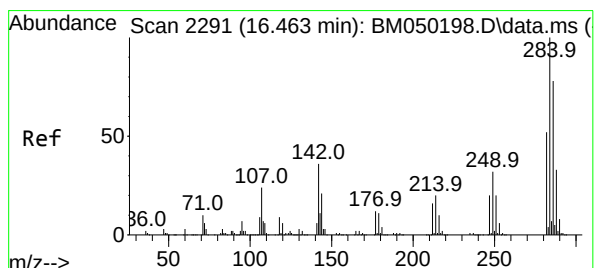
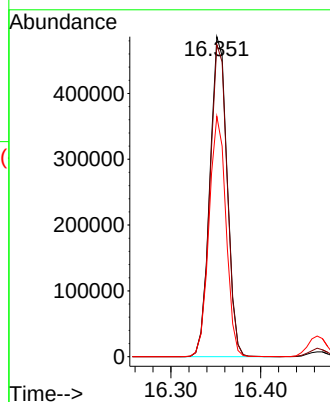
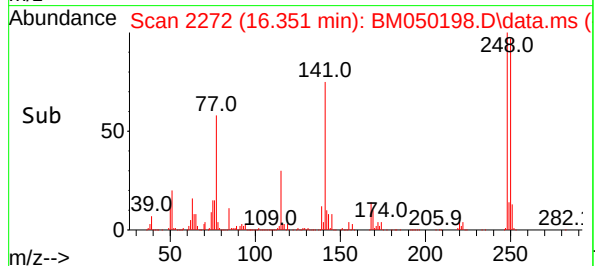
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

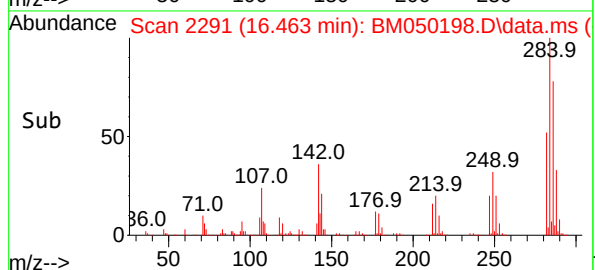
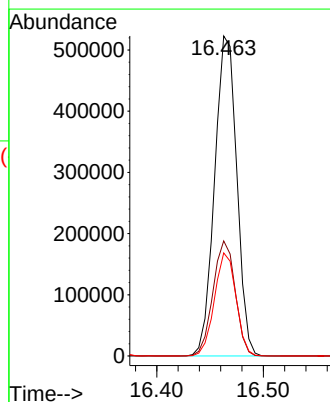
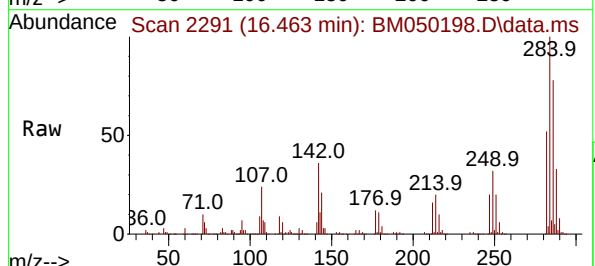
Manual Integrations
APPROVED

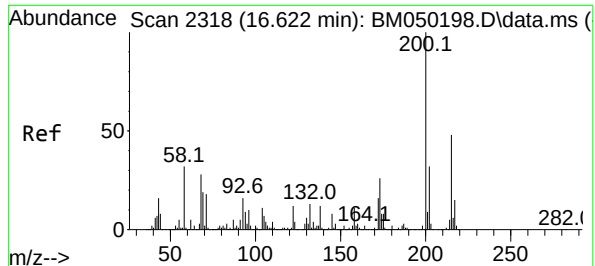
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

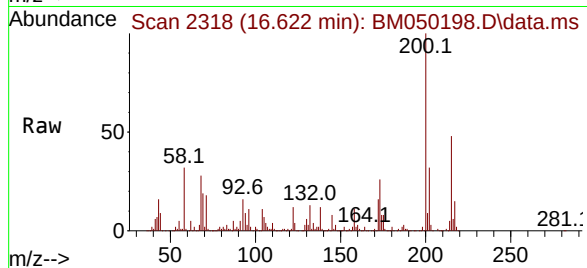
Tgt Ion:284 Resp: 755736
Ion Ratio Lower Upper
284 100
142 36.0 28.8 43.2
249 32.2 25.8 38.6





#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

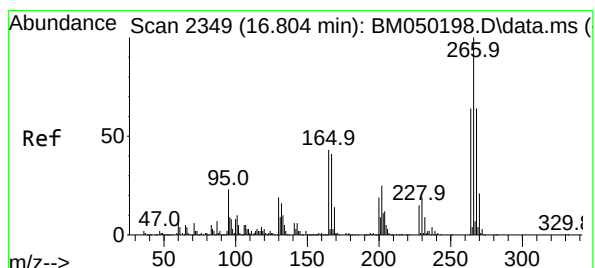
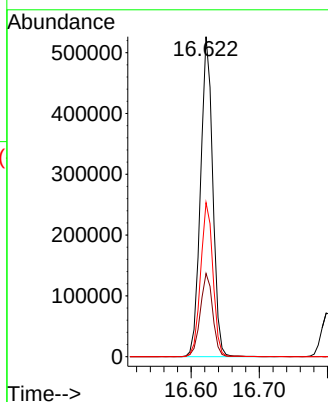
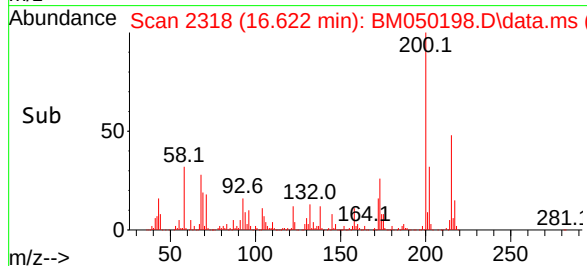
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

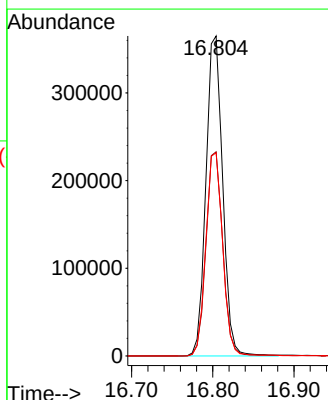
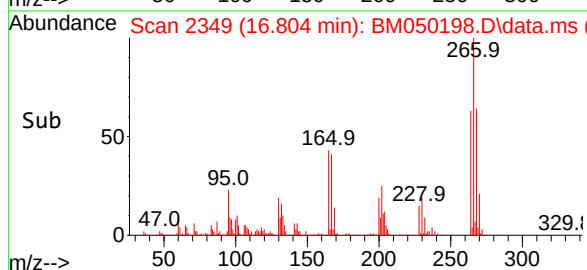
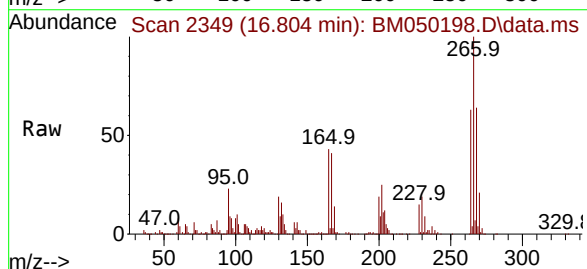
Manual Integrations
APPROVED

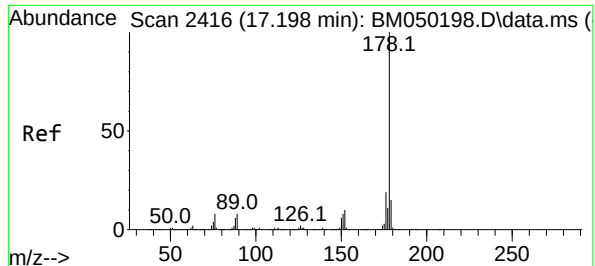
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

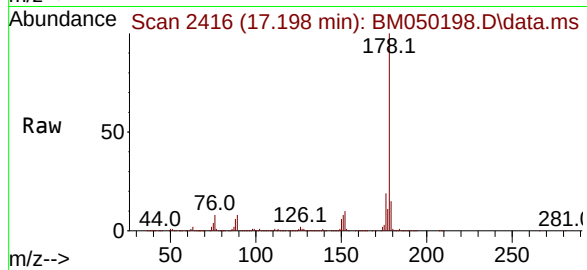
Tgt Ion:266 Resp: 520982
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 63.5 50.8 76.2





#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

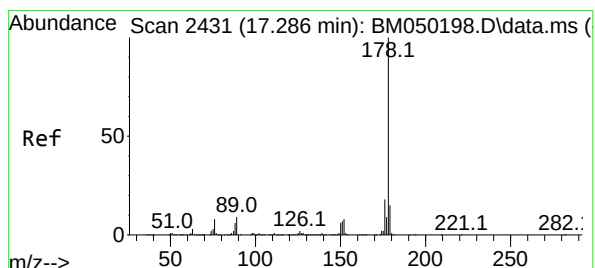
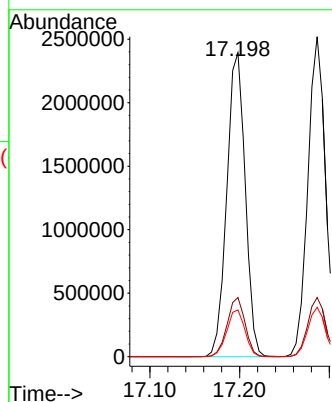
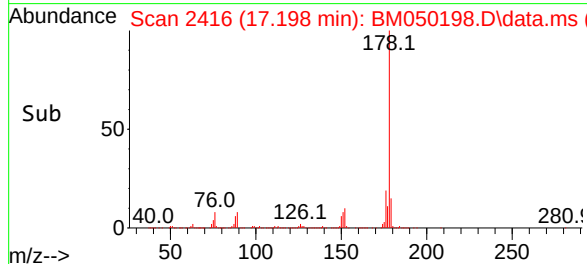
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

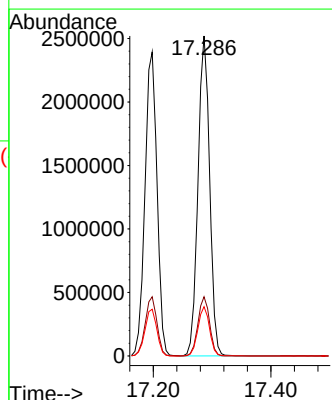
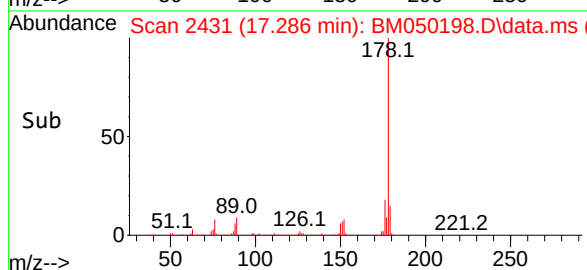
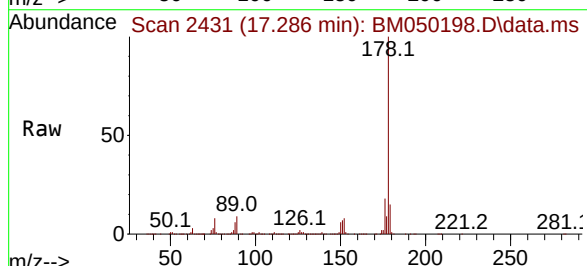
Manual Integrations
APPROVED

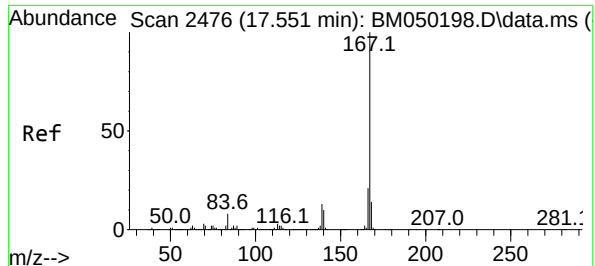
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

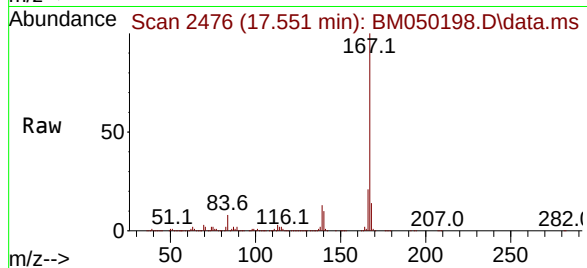
Tgt Ion:178 Resp: 3455118
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.3 18.5





#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

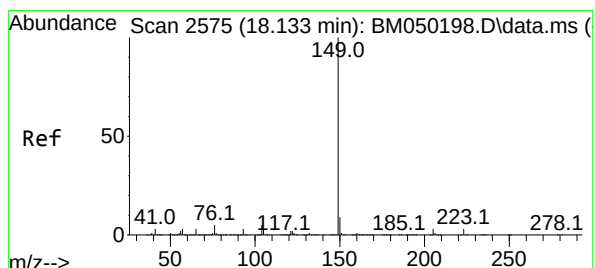
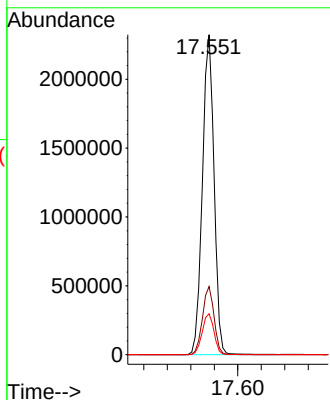
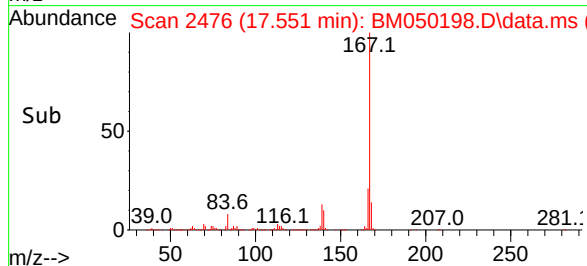
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

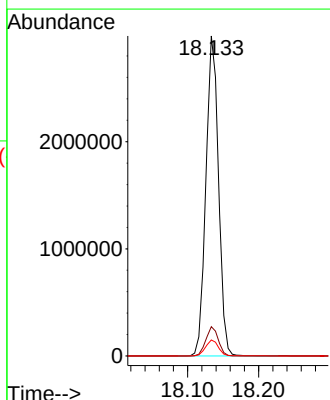
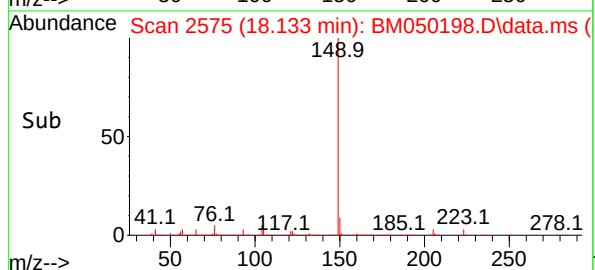
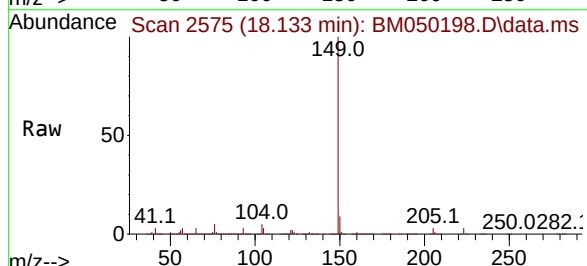
Manual Integrations
APPROVED

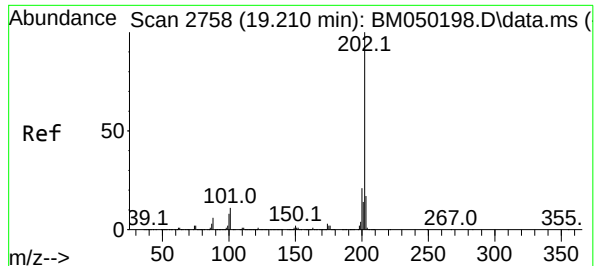
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

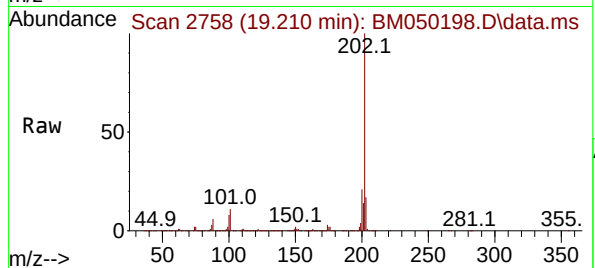
Tgt Ion:149 Resp: 3688687
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.0 6.0





#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

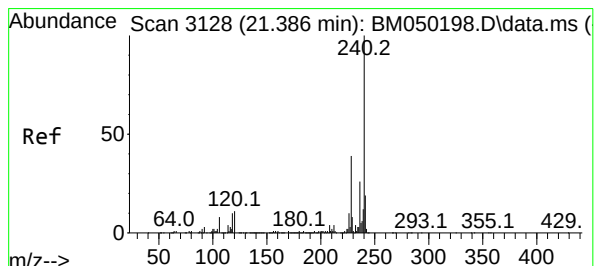
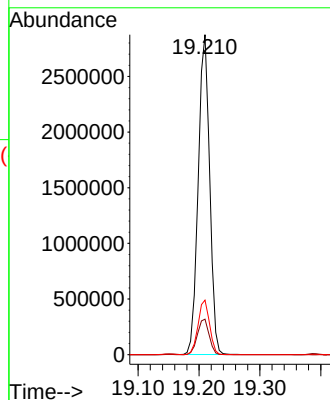
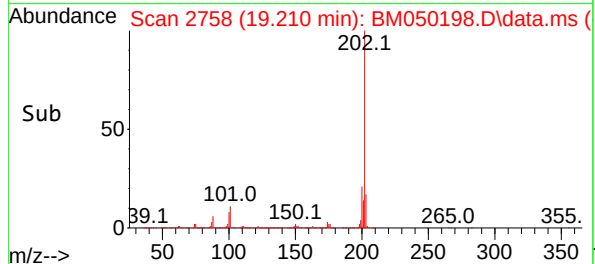
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

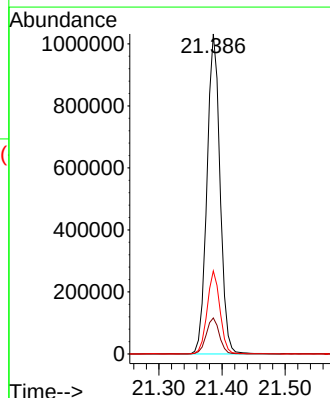
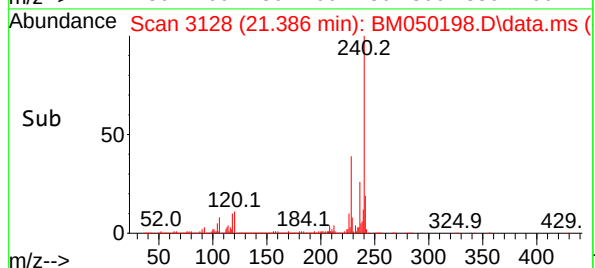
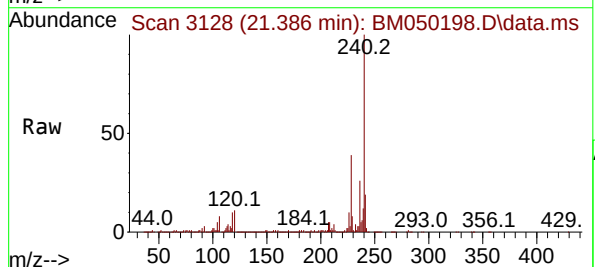
Manual Integrations
APPROVED

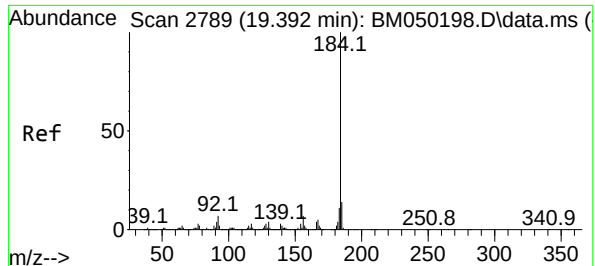
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

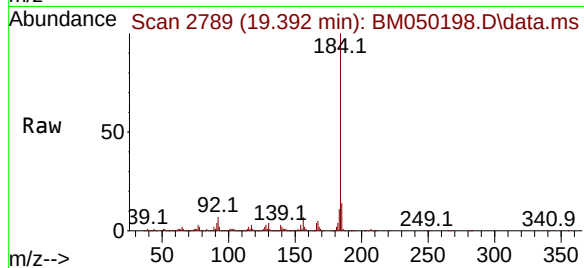
Tgt Ion:240 Resp: 1484493
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.7 31.1





#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

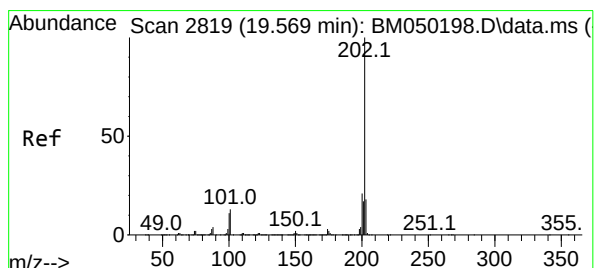
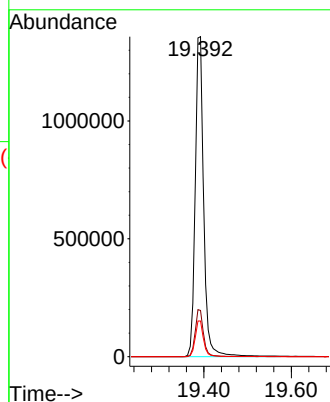
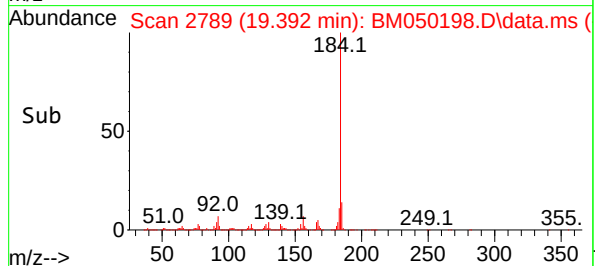
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

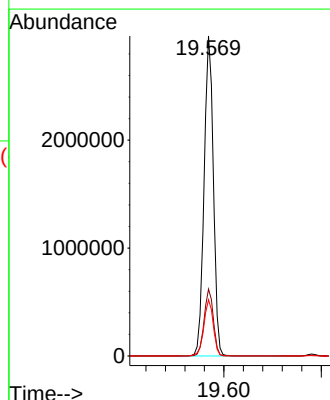
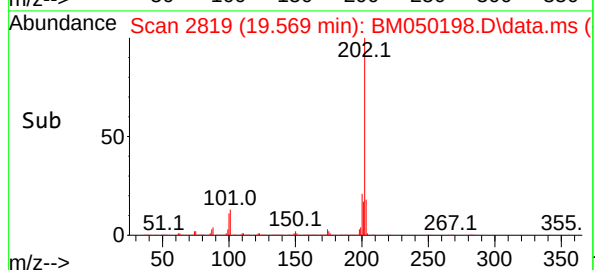
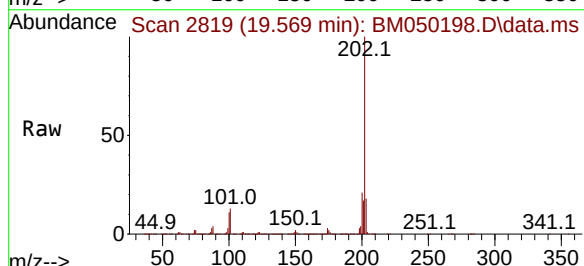
Manual Integrations
APPROVED

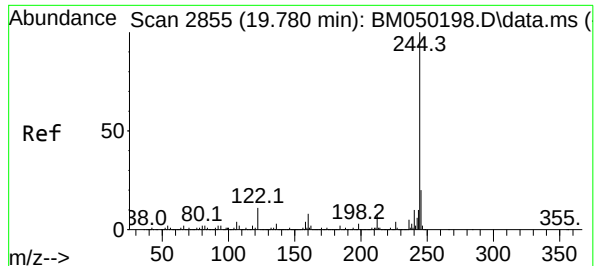
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

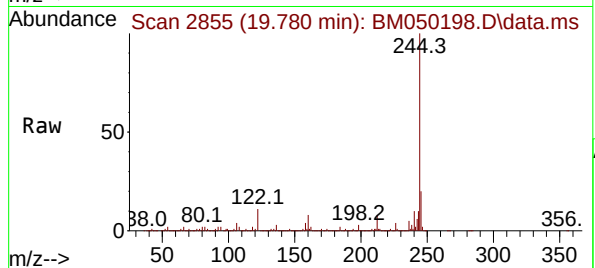
Tgt Ion:202 Resp: 3930978
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#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

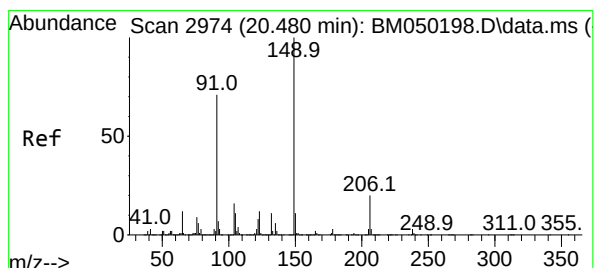
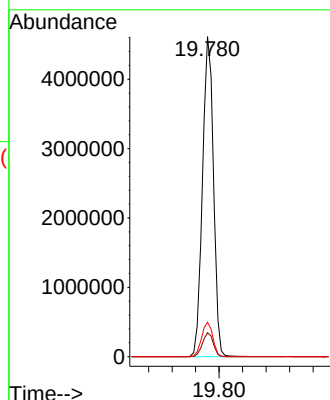
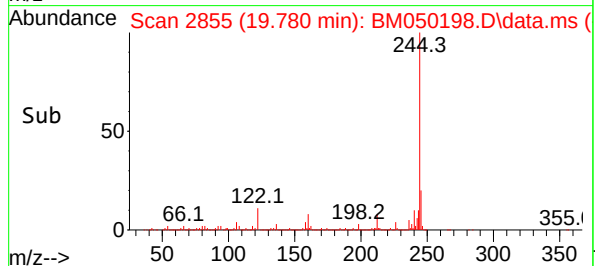
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

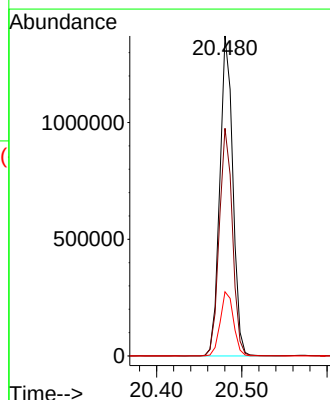
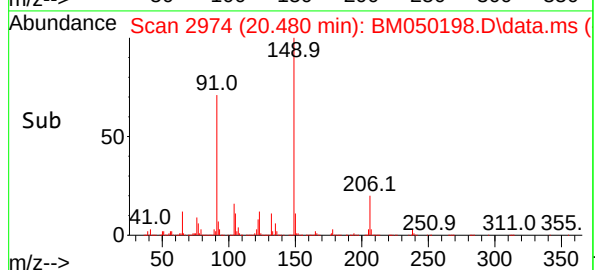
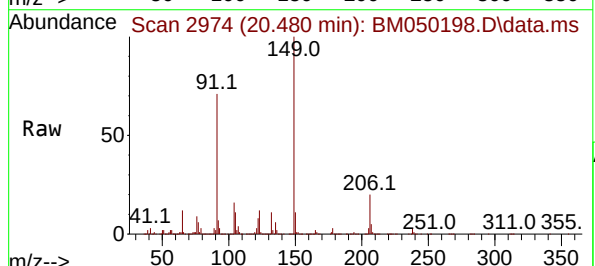
Manual Integrations
APPROVED

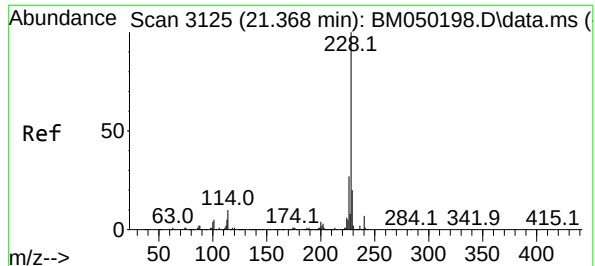
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

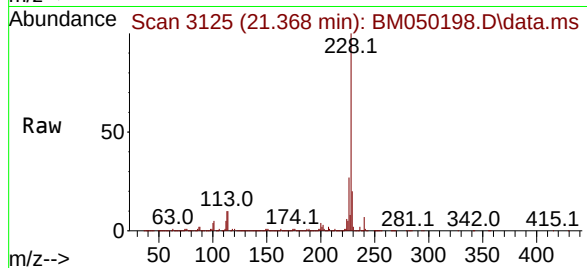
Tgt Ion:149 Resp: 1455291
Ion Ratio Lower Upper
149 100
91 71.1 56.9 85.3
206 20.1 16.1 24.1





#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

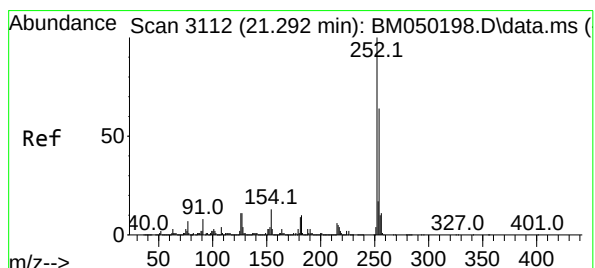
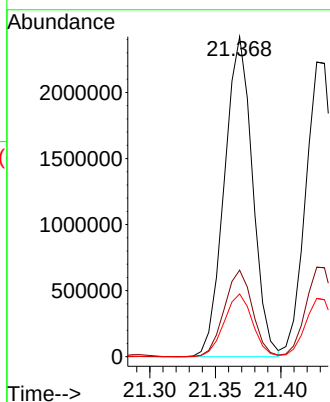
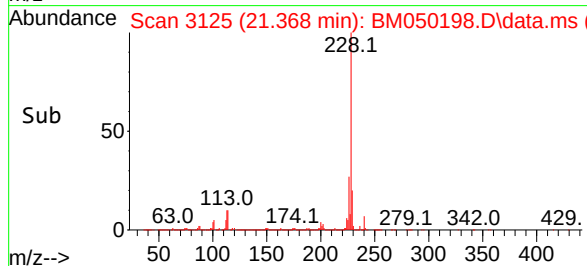
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

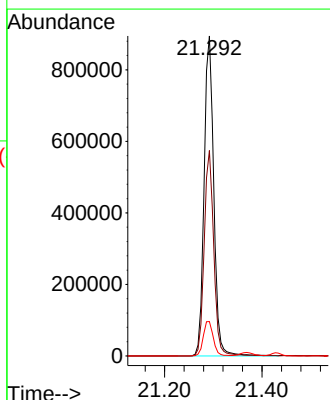
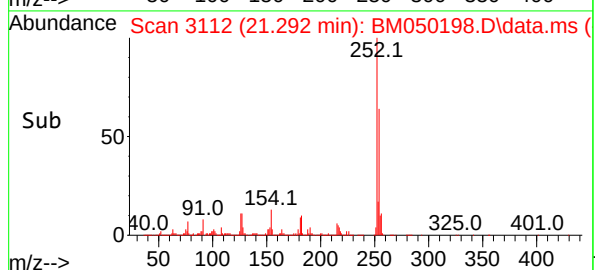
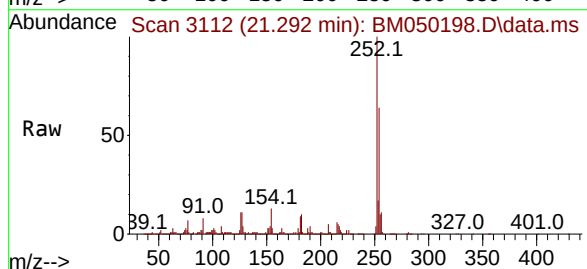
Manual Integrations
APPROVED

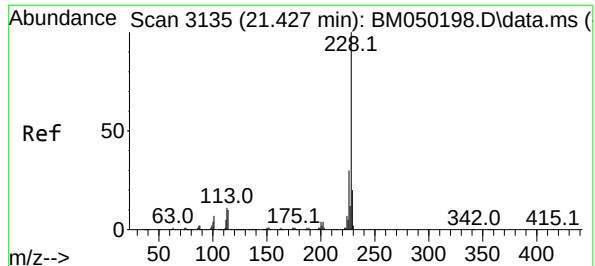
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

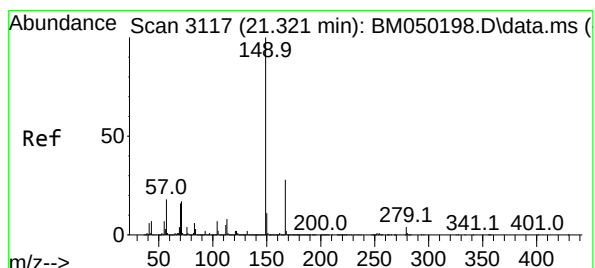
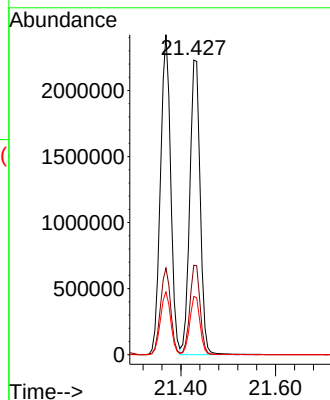
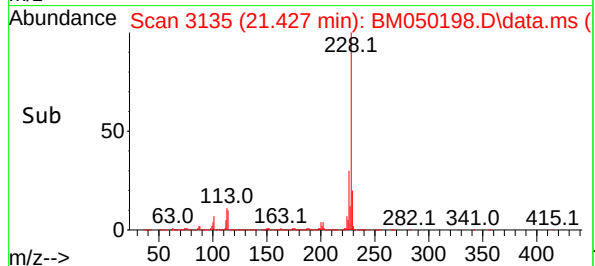
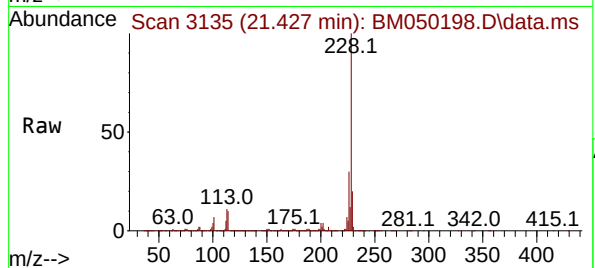
229 19.8 15.8 23.8

Manual Integrations

APPROVED

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

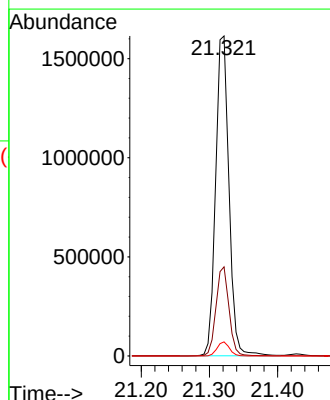
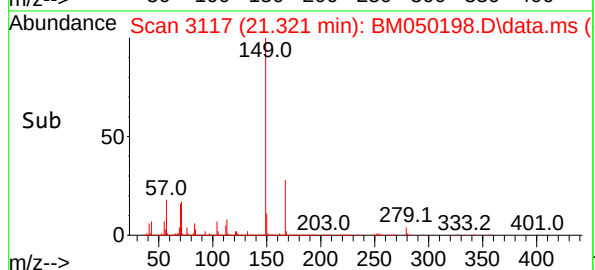
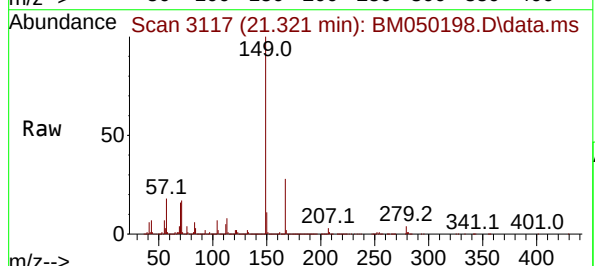
Tgt Ion:149 Resp: 2198448

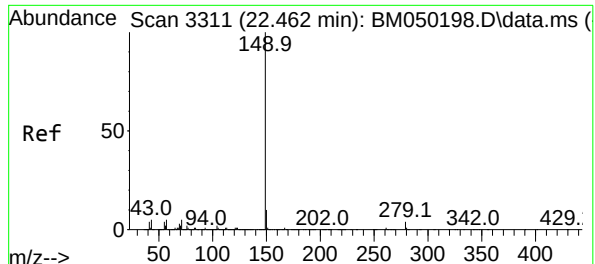
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

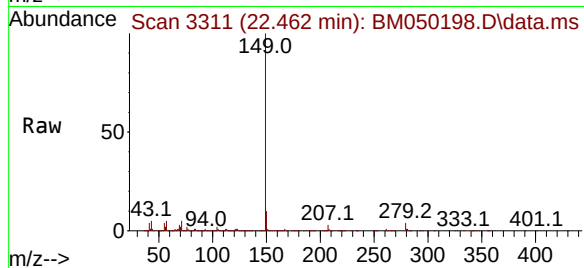
279 4.4 3.5 5.3





#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

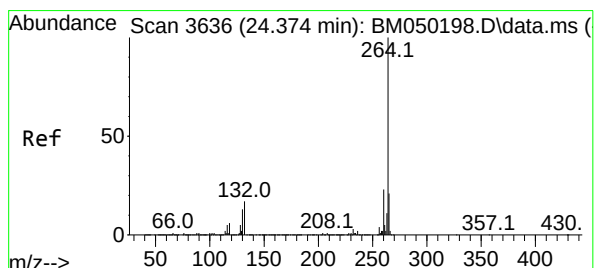
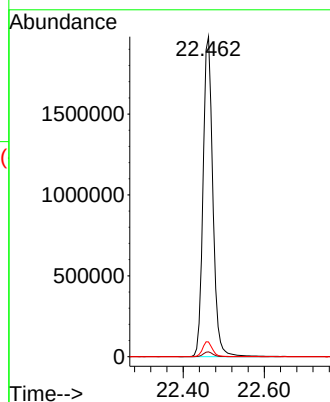
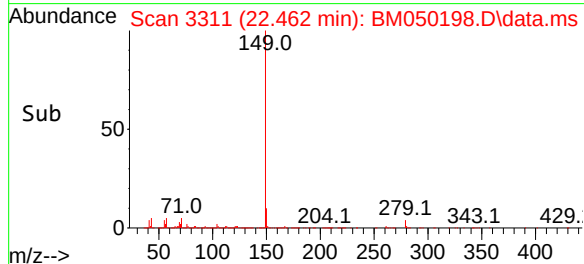
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

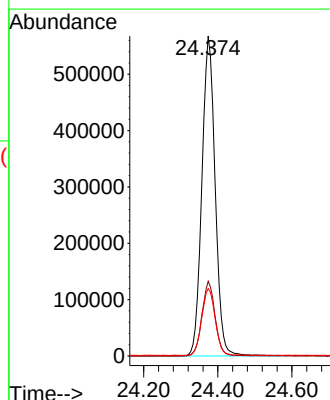
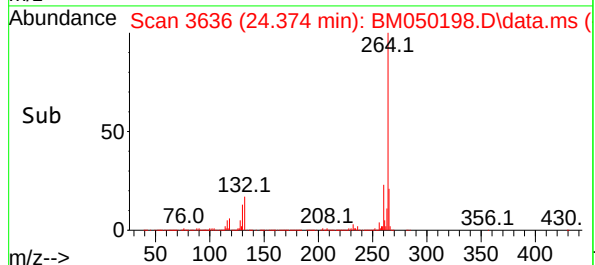
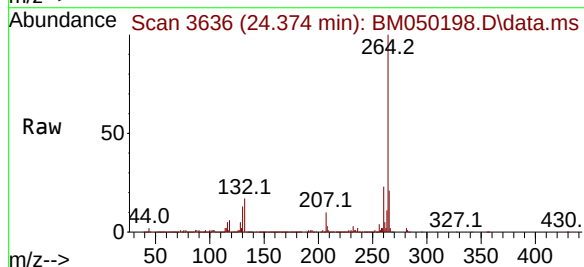
Manual Integrations
APPROVED

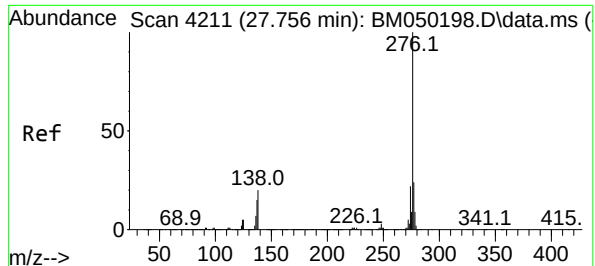
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

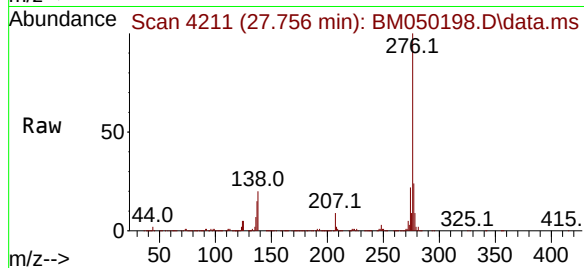
Tgt Ion:264 Resp: 1410376
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.0 16.8 25.2





#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

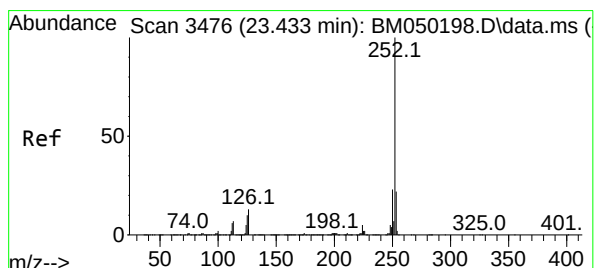
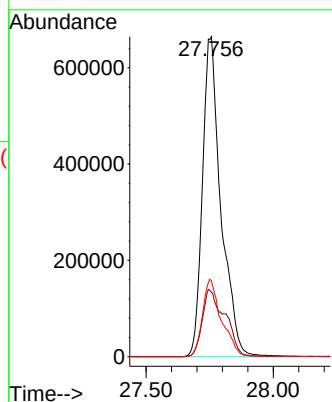
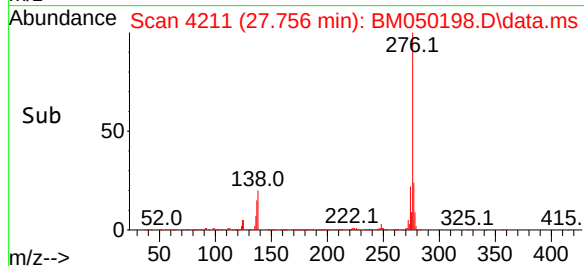
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



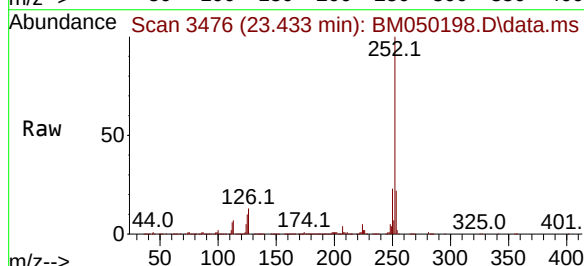
Tgt Ion:276 Resp: 3359194
Ion Ratio Lower Upper
276 100
138 25.8 20.6 30.8
277 24.8 19.8 29.6

Manual Integrations
APPROVED

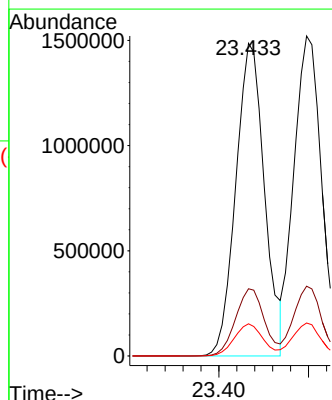
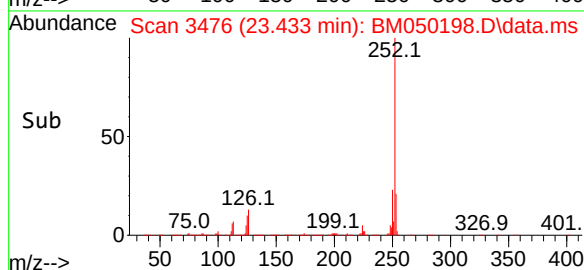
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

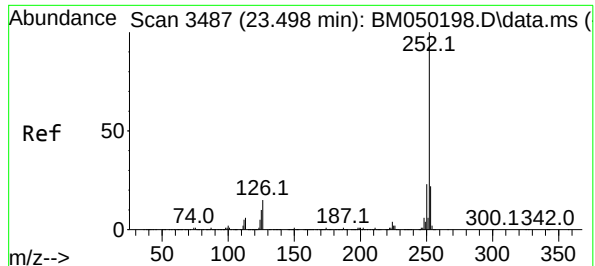


#88
Benzo(b)fluoranthene
Concen: 40.232 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



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

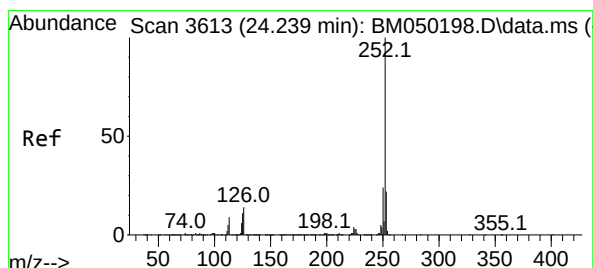
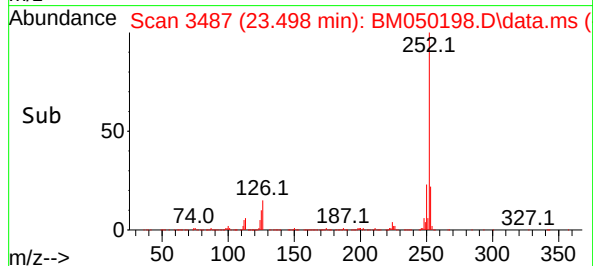
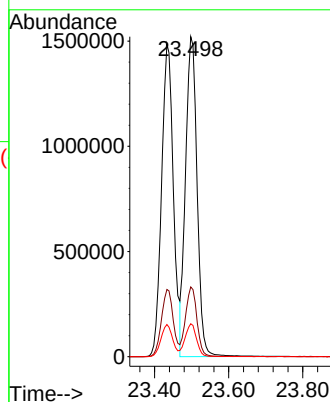
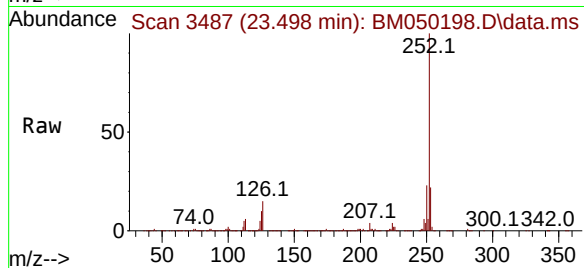
125 10.3 8.2 12.4

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

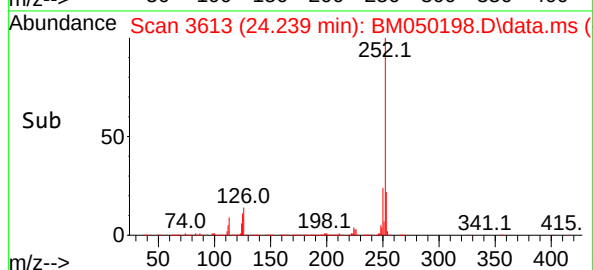
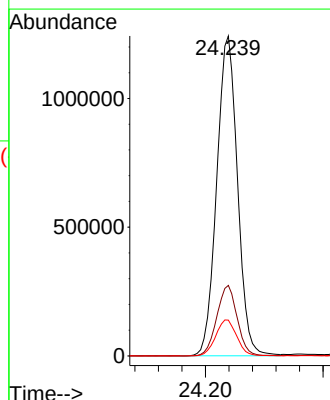
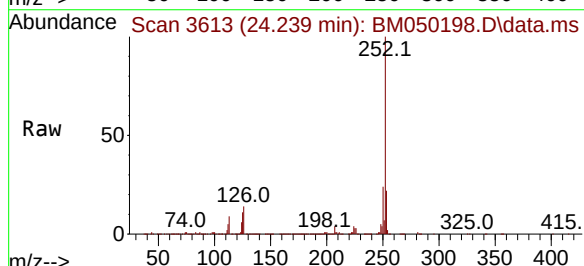
Tgt Ion:252 Resp: 3048619

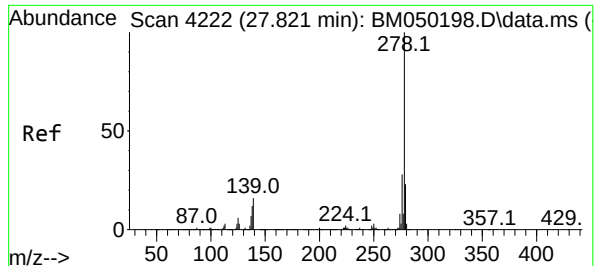
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

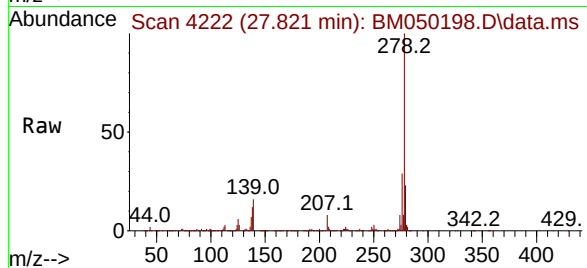
125 11.2 9.0 13.4





#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

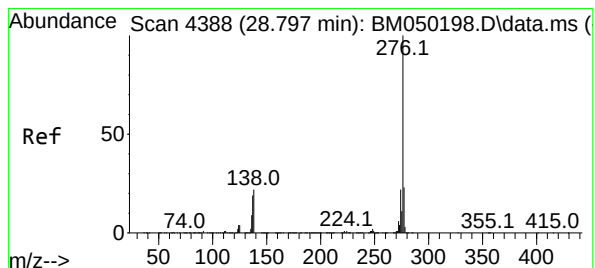
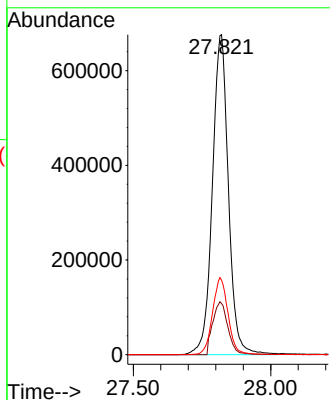
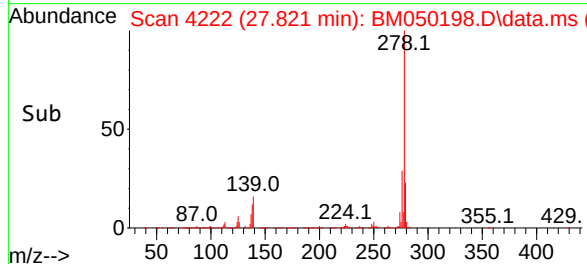
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

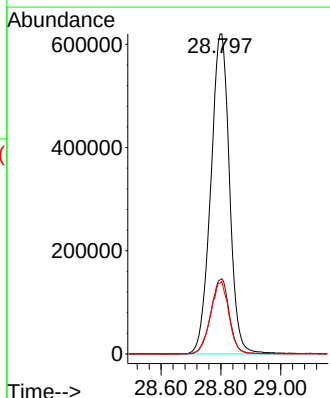
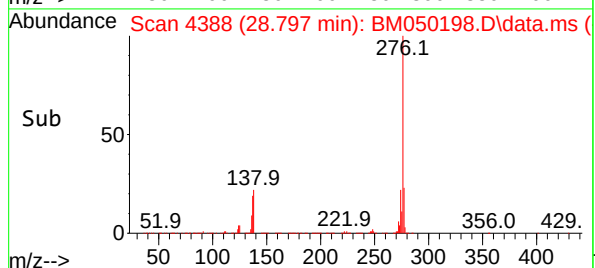
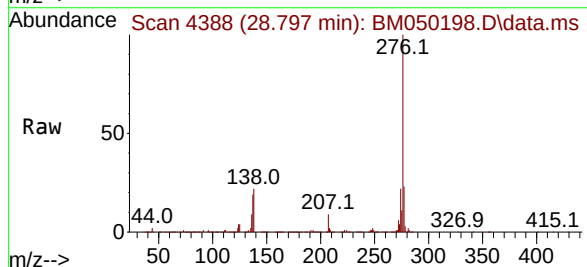
Manual Integrations
APPROVED

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

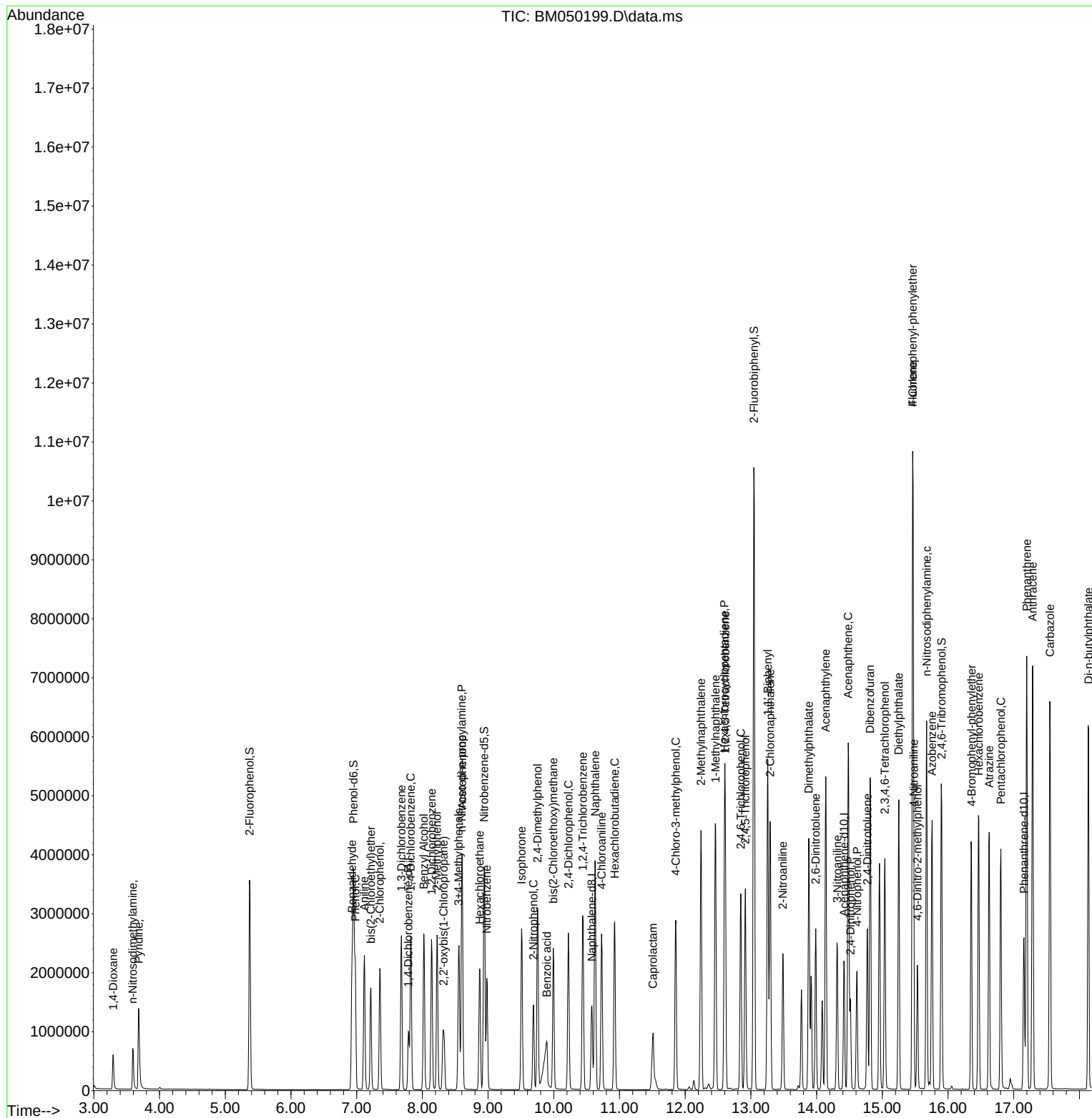
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	896452	54.822	ng	100
46) 1,1'-Biphenyl	13.257	154	2992234	50.951	ng	99
47) 2-Chloronaphthalene	13.292	162	2296762	50.305	ng	99
48) 2-Nitroaniline	13.486	65	591382	58.859	ng	99
49) Acenaphthylene	14.139	152	3878499	52.521	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

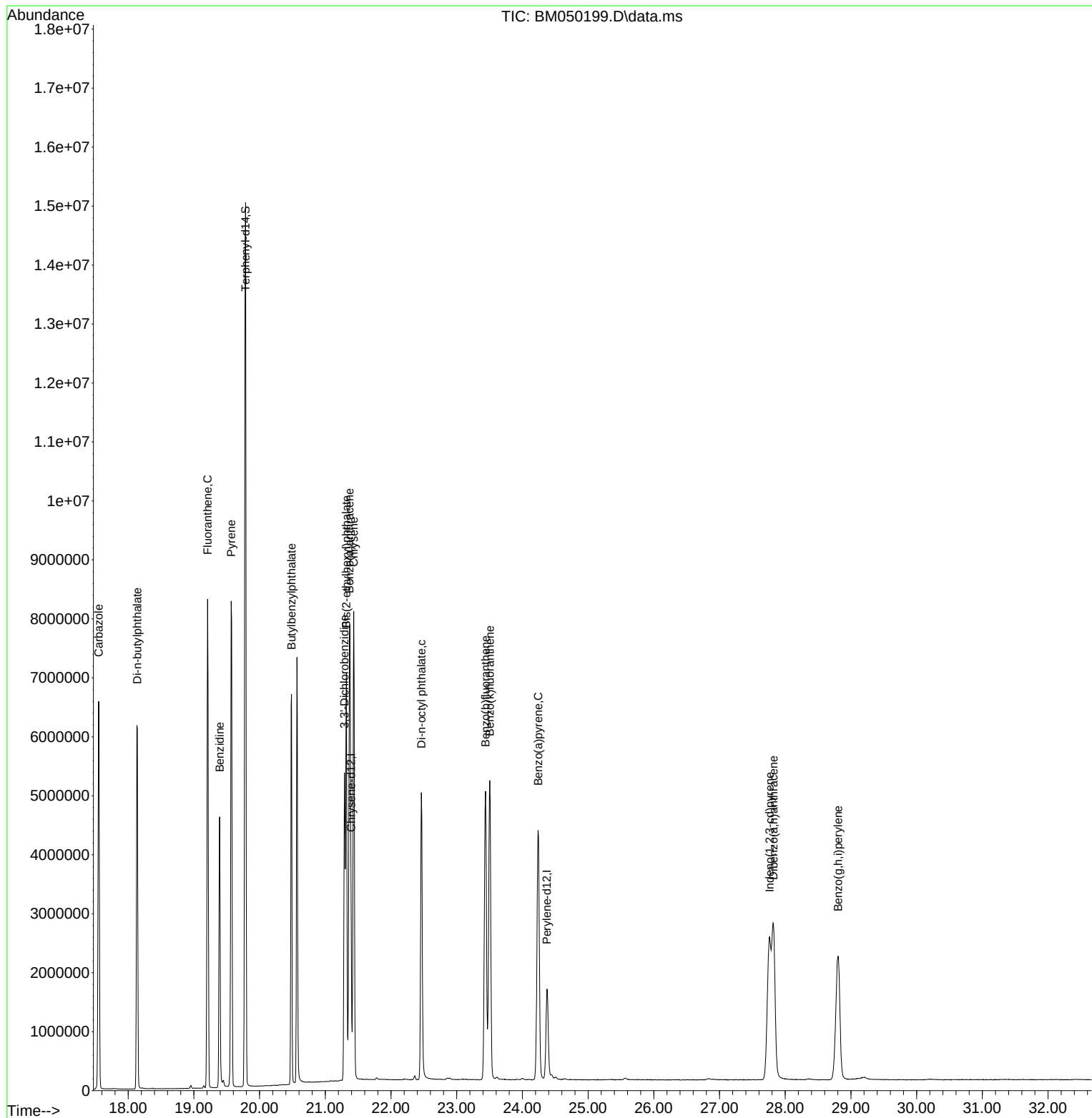
Quant Time: Jun 05 14:59:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
 Response via : Initial Calibration

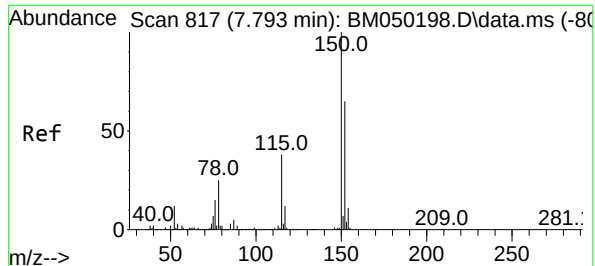


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

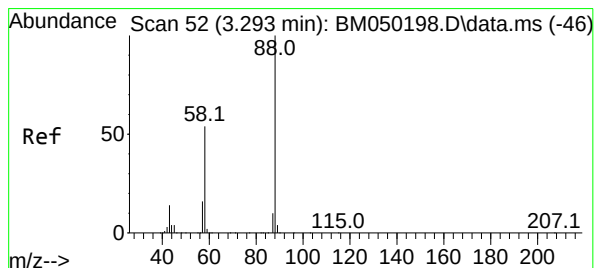
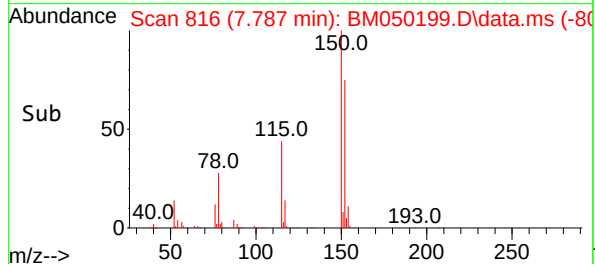
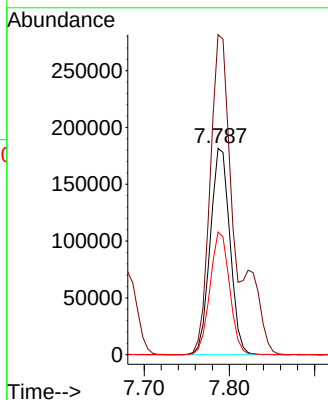
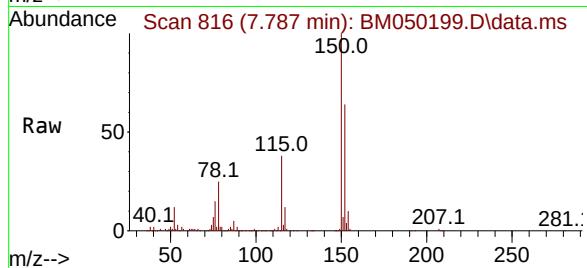




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

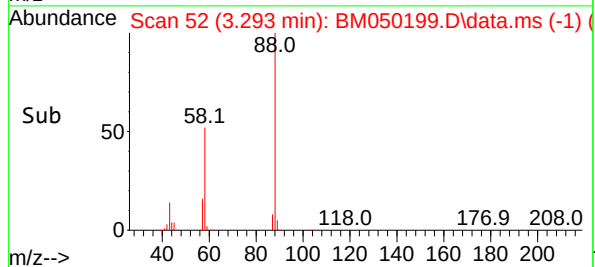
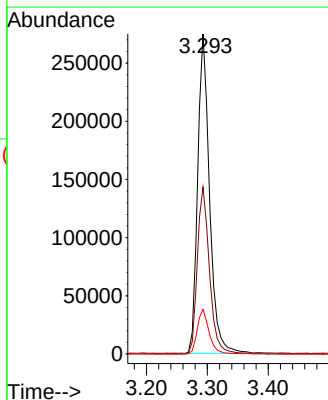
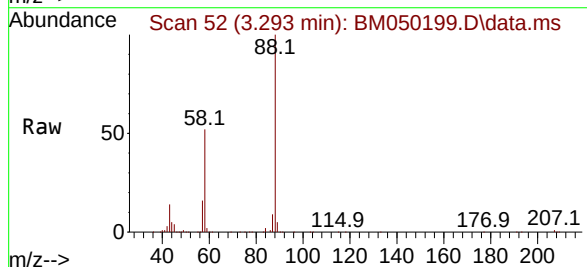
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

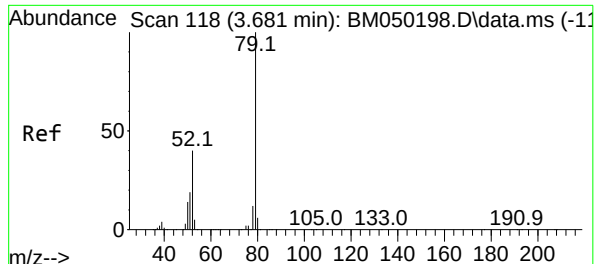
Tgt Ion:152 Resp: 291057
Ion Ratio Lower Upper
152 100
150 155.1 122.2 183.4
115 59.5 46.3 69.5



#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 :

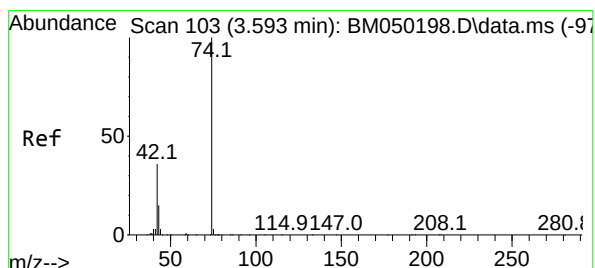
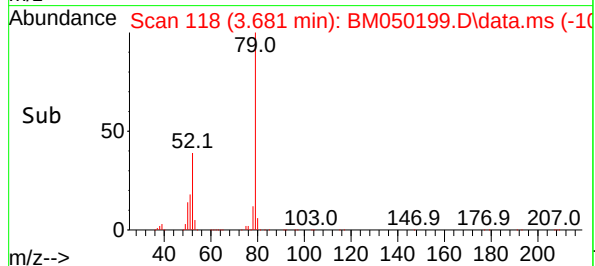
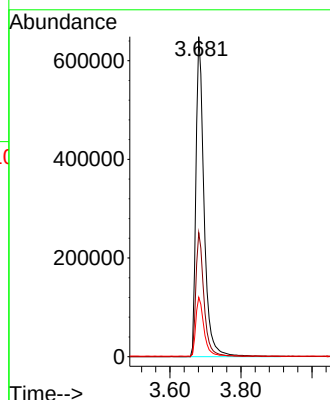
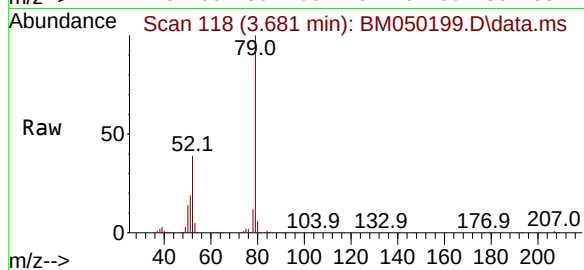
BNA_M

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

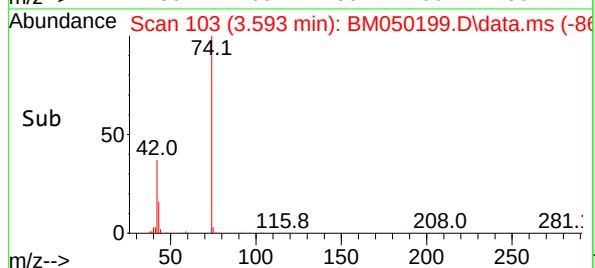
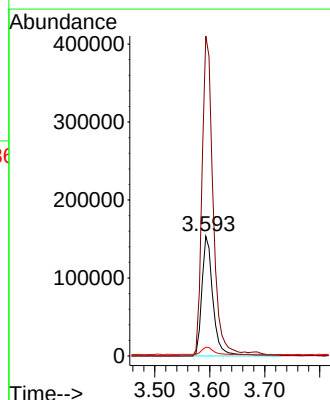
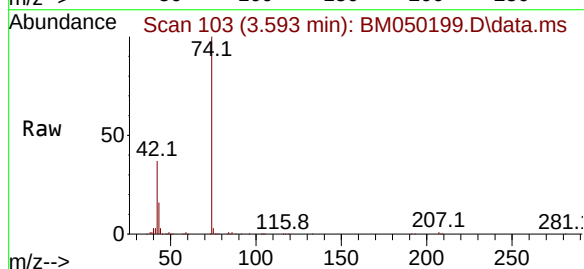
Delta R.T. -0.000 min

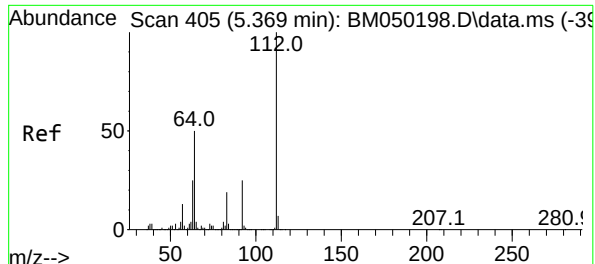
Lab File: BM050199.D

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

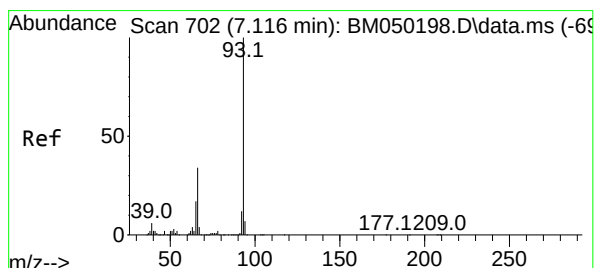
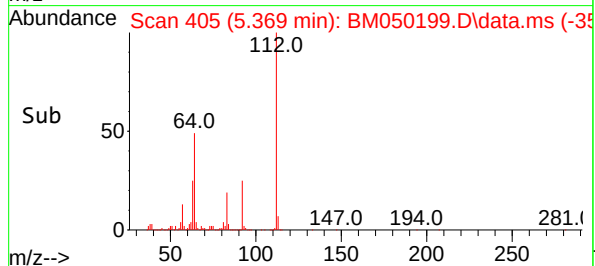
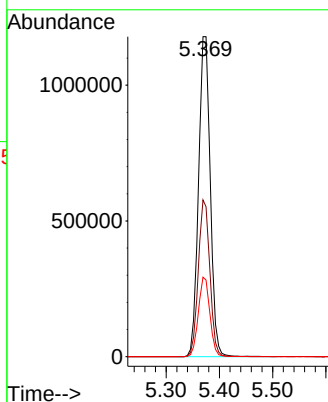
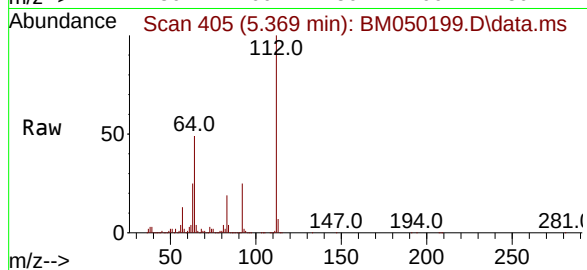
Tgt Ion:112 Resp: 1802037

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

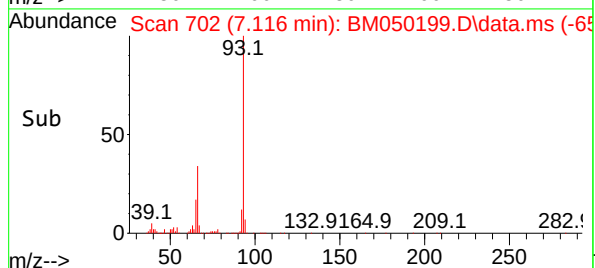
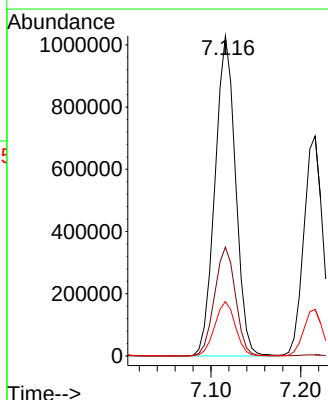
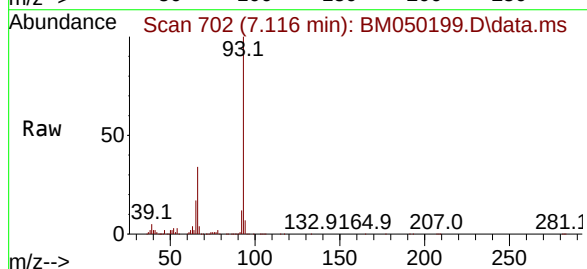
Tgt Ion: 93 Resp: 1637124

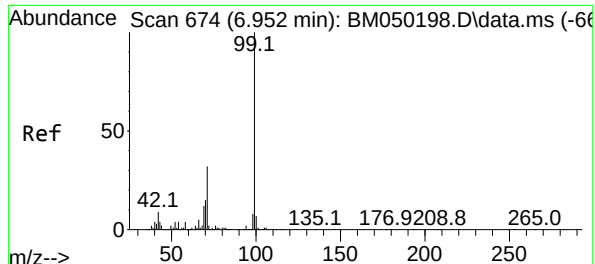
Ion Ratio Lower Upper

93 100

66 34.1 27.4 41.2

65 17.0 13.6 20.4

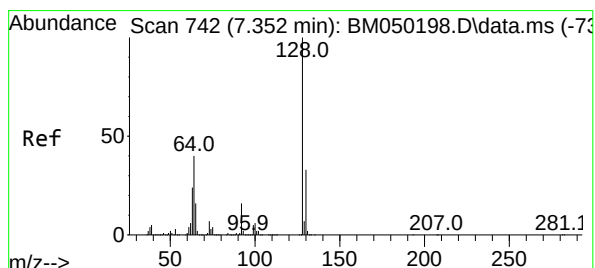
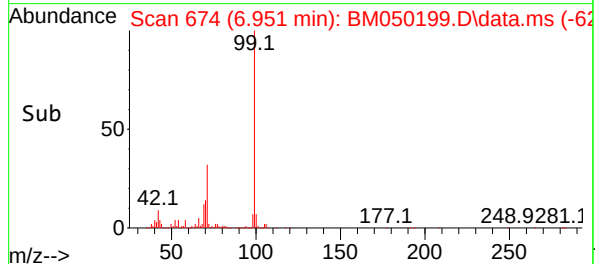
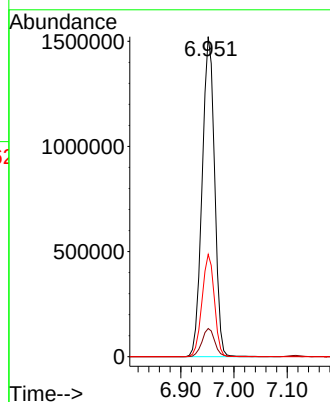
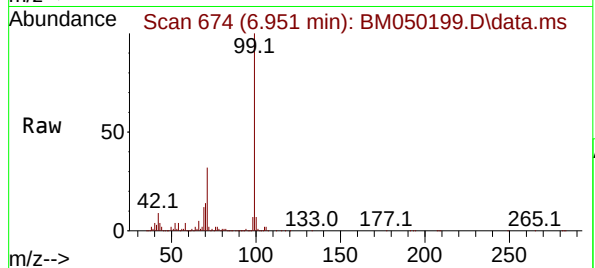




#7
Phenol-d6
Concen: 107.666 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

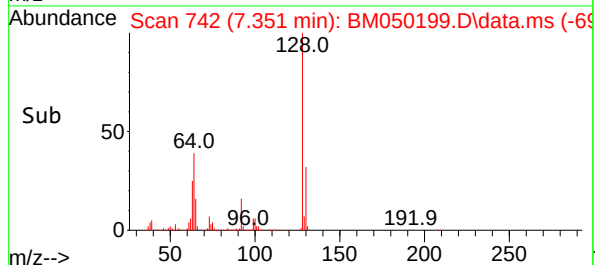
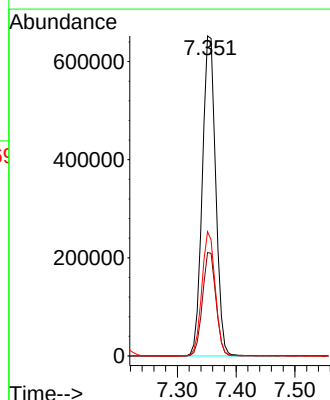
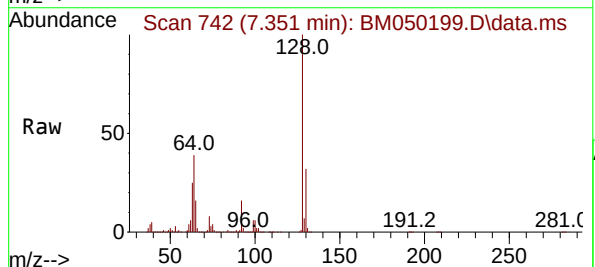
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

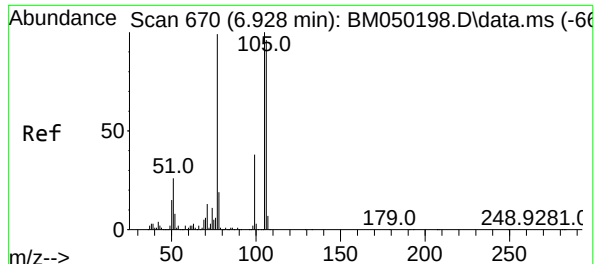
Tgt Ion: 99 Resp: 2472934
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.0 25.3 37.9



#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

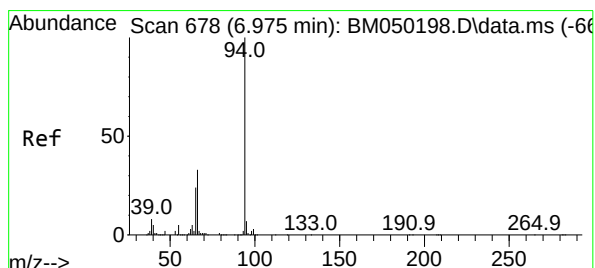
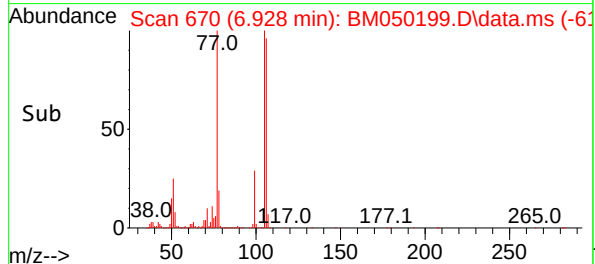
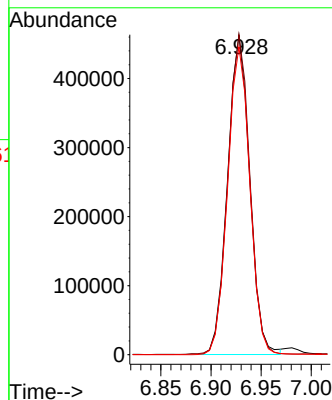
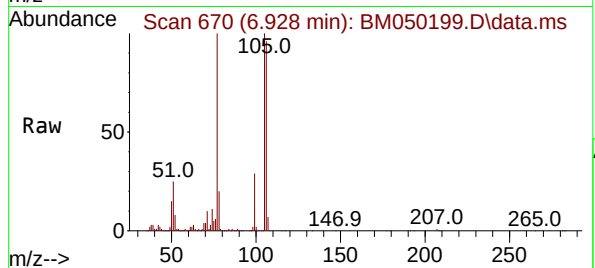




#9
Benzaldehyde
Concen: 48.594 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

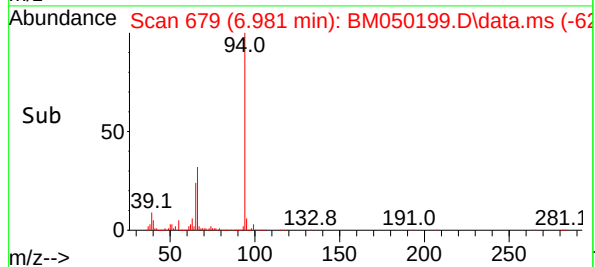
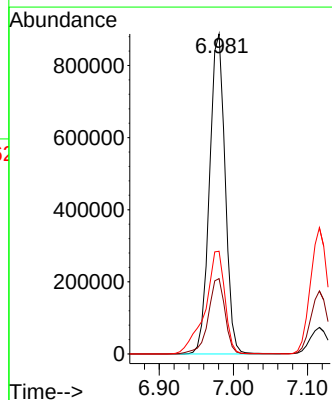
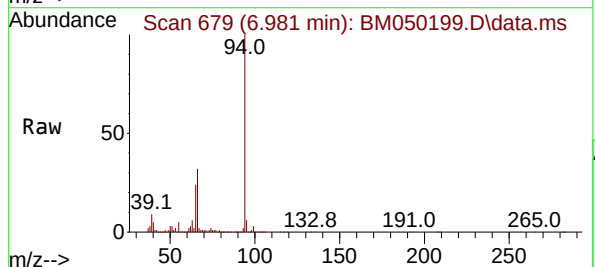
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

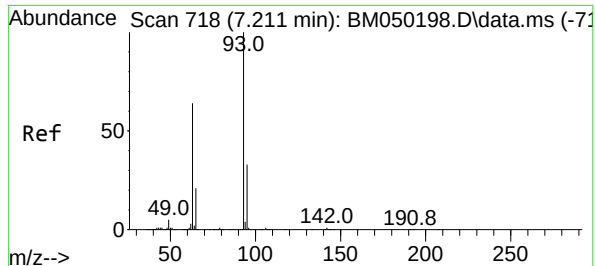
Tgt Ion: 77 Resp: 709626
Ion Ratio Lower Upper
77 100
105 100.3 80.9 120.9
106 96.5 77.1 117.1



#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

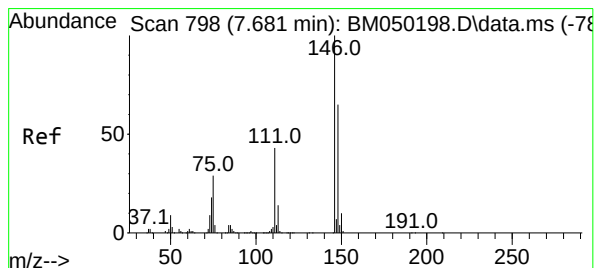
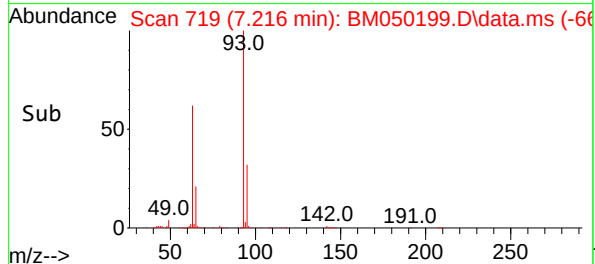
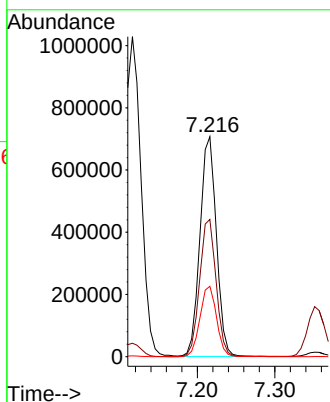
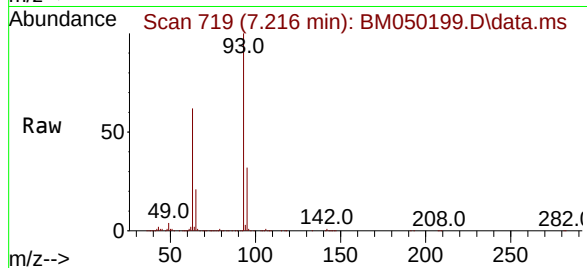




#11
bis(2-Chloroethyl)ether
Concen: 53.164 ng
RT: 7.216 min Scan# 718
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

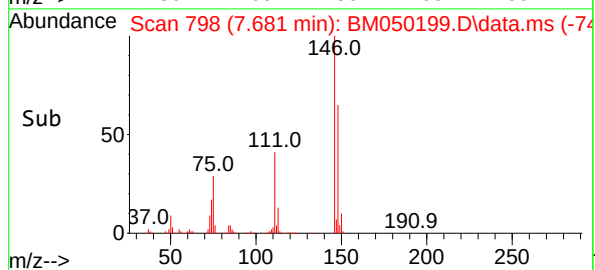
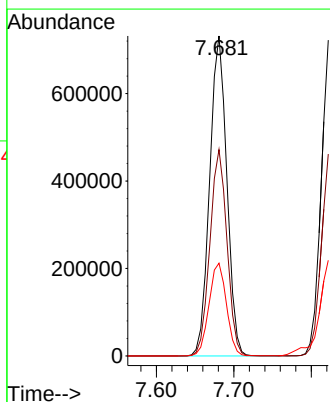
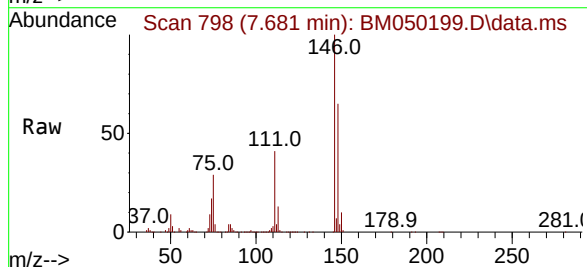
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

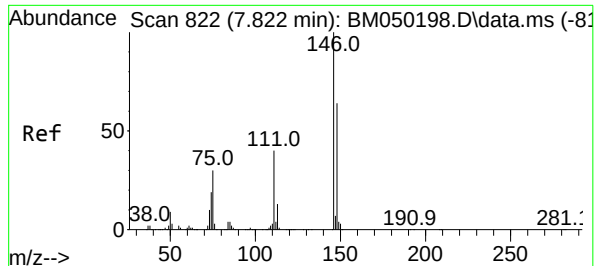
Tgt Ion: 93 Resp: 1039221
Ion Ratio Lower Upper
93 100
63 62.4 43.9 83.9
95 32.0 12.7 52.7



#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

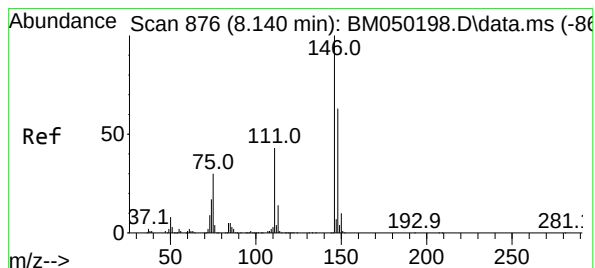
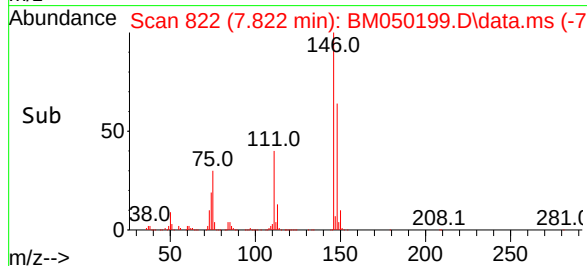
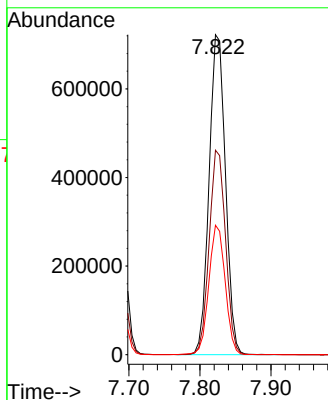
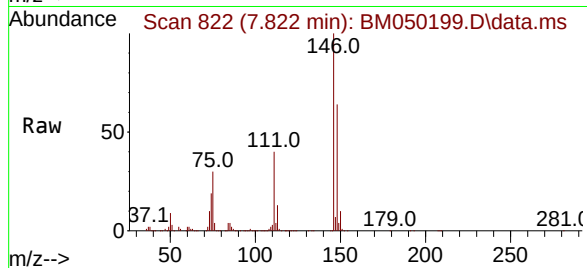
Tgt Ion:146 Resp: 1157927

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

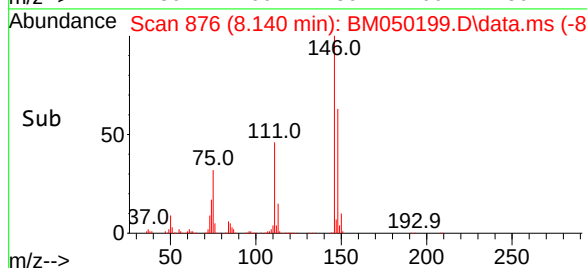
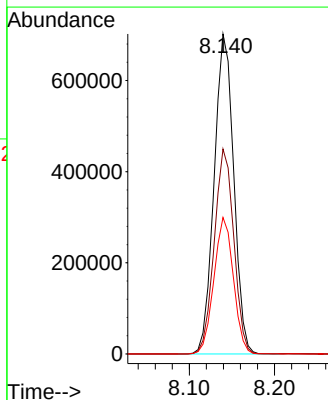
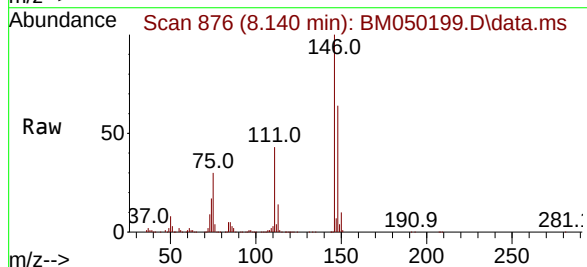
Tgt Ion:146 Resp: 1120717

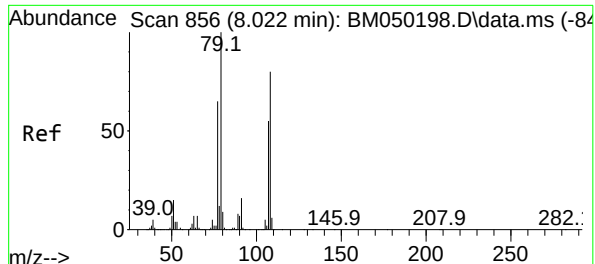
Ion Ratio Lower Upper

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 :

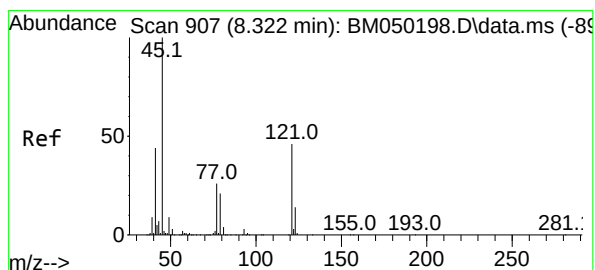
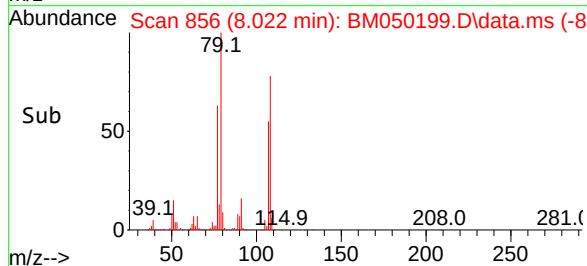
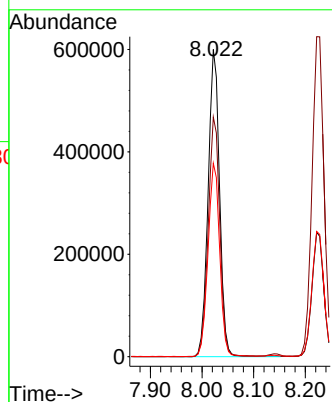
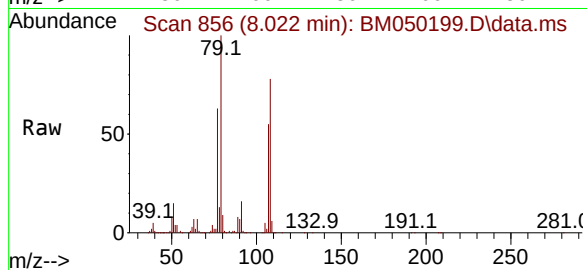
BNA_M

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

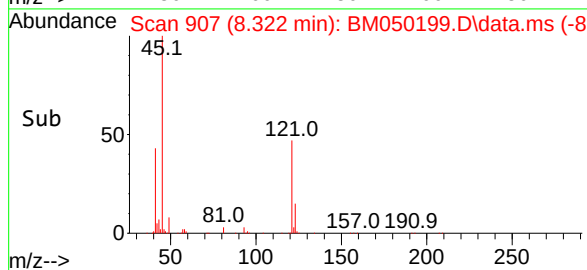
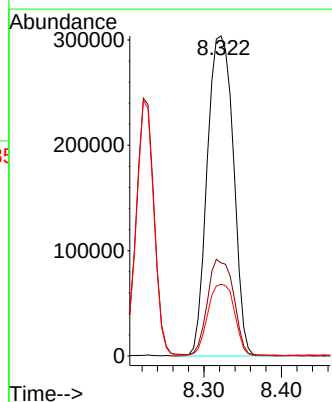
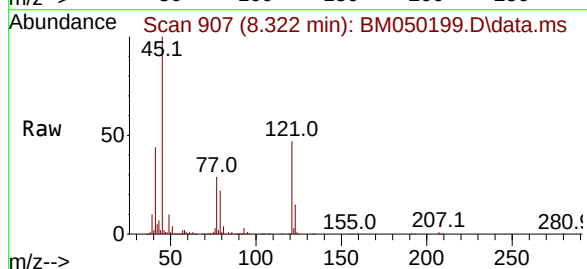
Delta R.T. -0.000 min

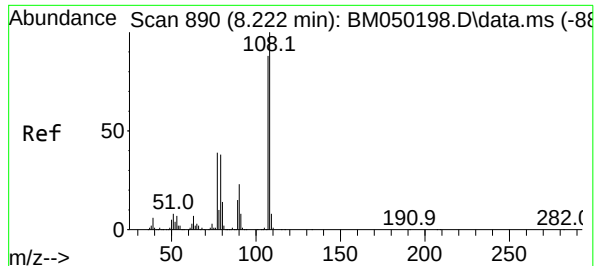
Lab File: BM050199.D

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

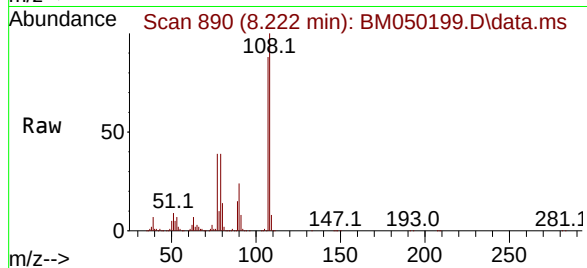
Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

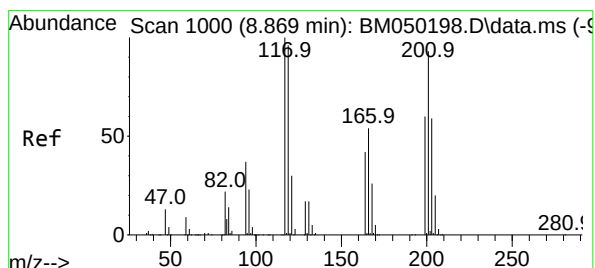
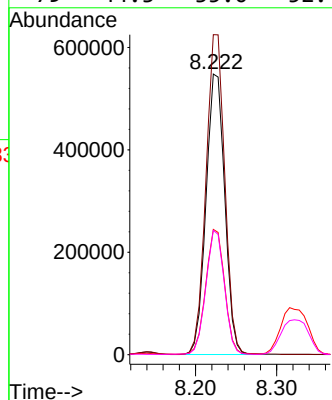
ClientSampleId :

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

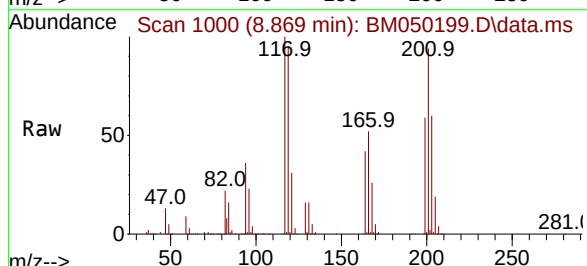
Concen: 53.371 ng

RT: 8.869 min Scan# 1000

Delta R.T. -0.000 min

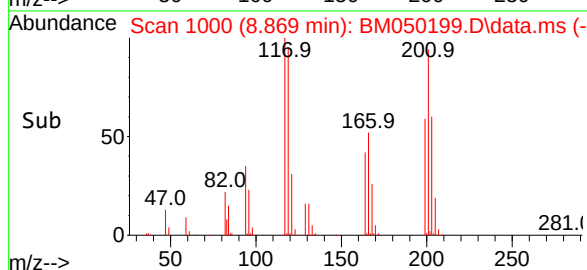
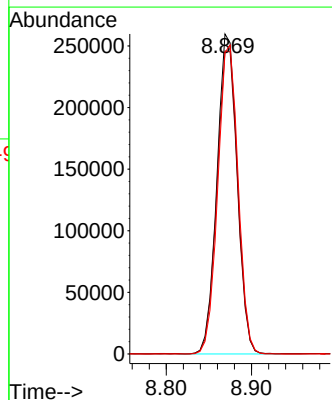
Lab File: BM050199.D

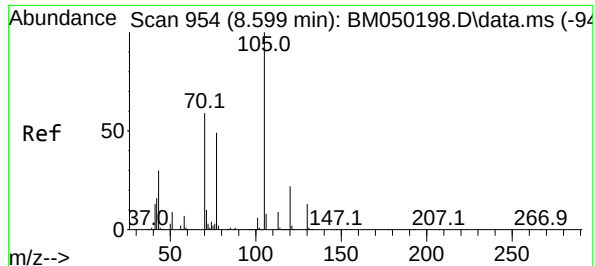
Acq: 05 Jun 2025 12:36



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

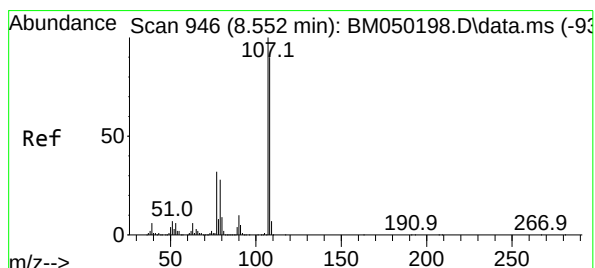
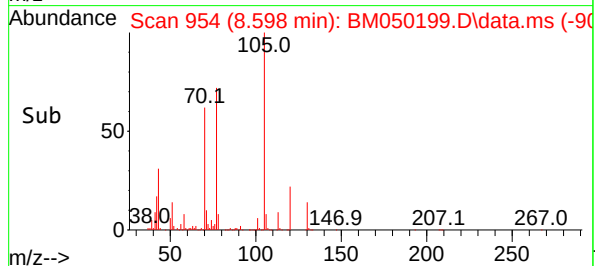
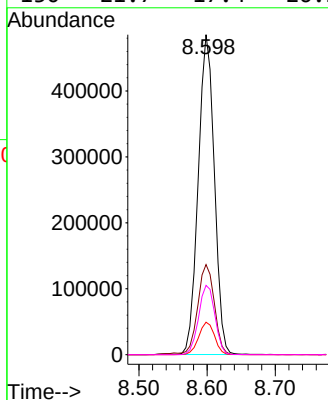
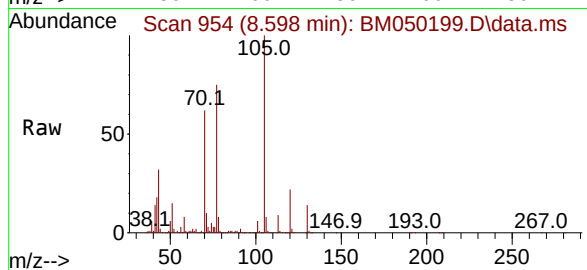
Ion Ratio Lower Upper

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

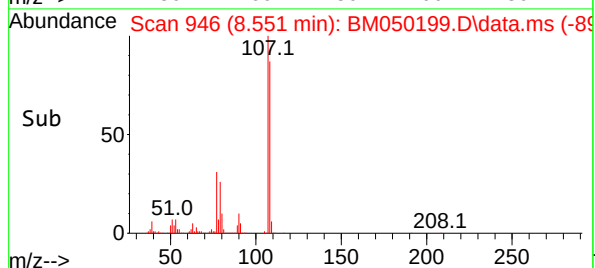
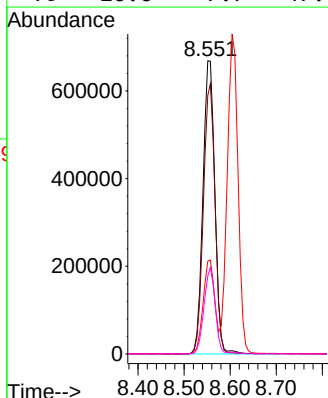
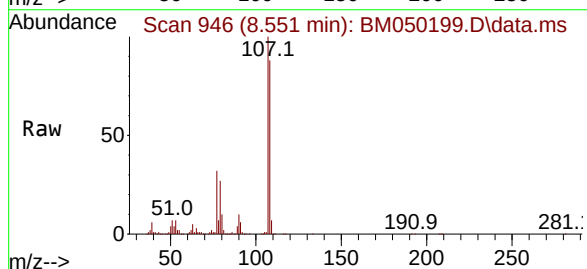
Ion Ratio Lower Upper

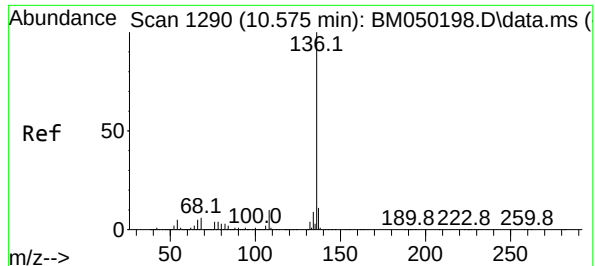
107 100

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 :

SSTDICC050

Tgt Ion:136 Resp: 1245308

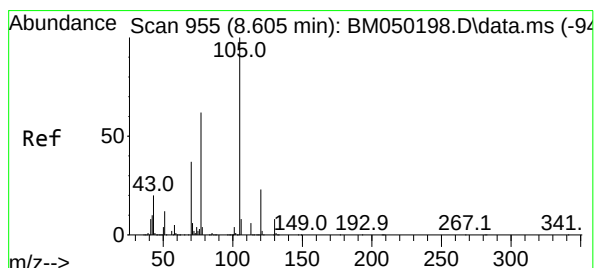
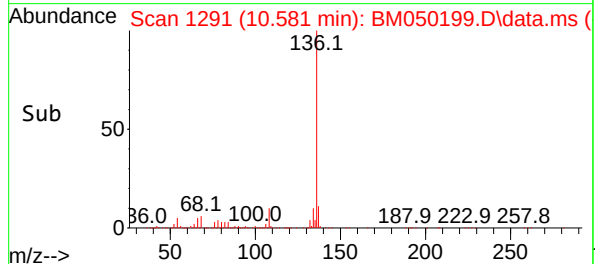
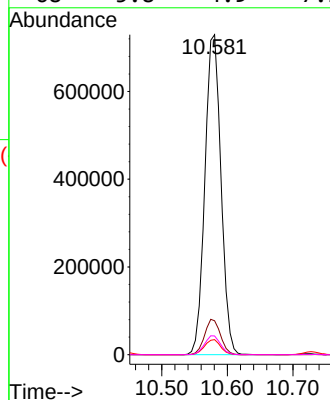
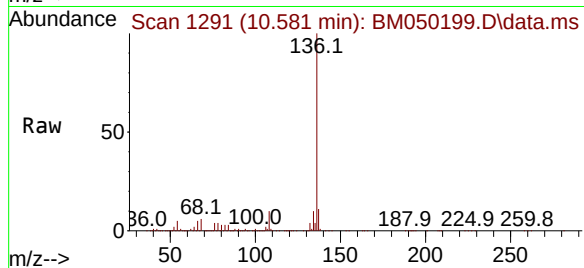
Ion Ratio Lower Upper

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

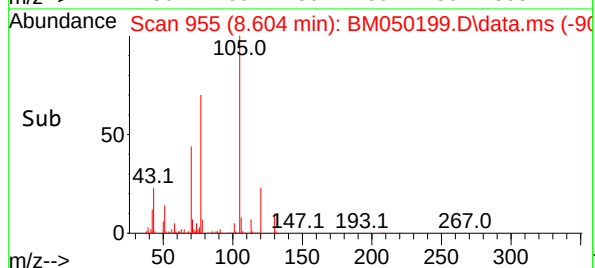
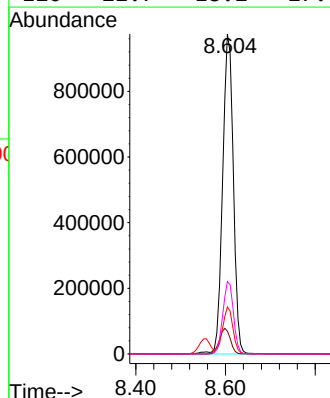
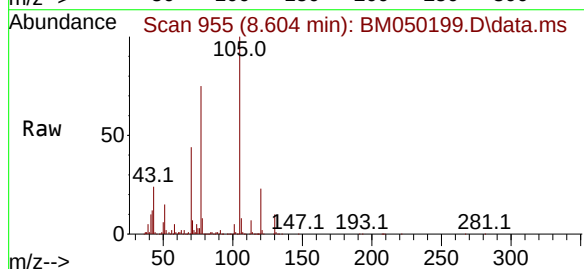
Ion Ratio Lower Upper

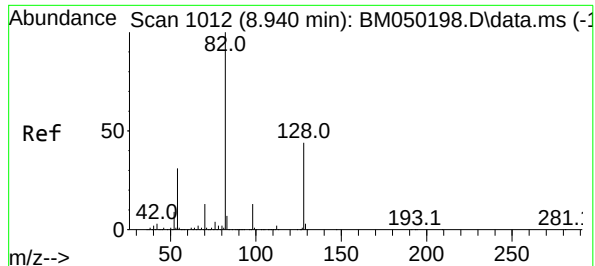
105 100

71 7.1 5.0 7.4

51 14.7 11.4 17.2

120 22.7 18.2 27.4

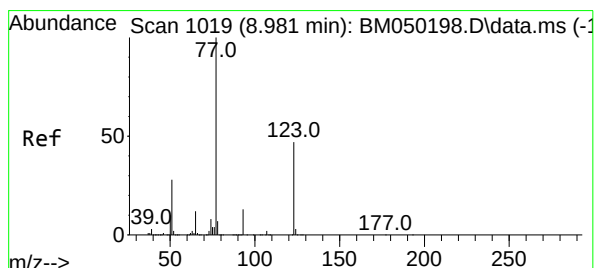
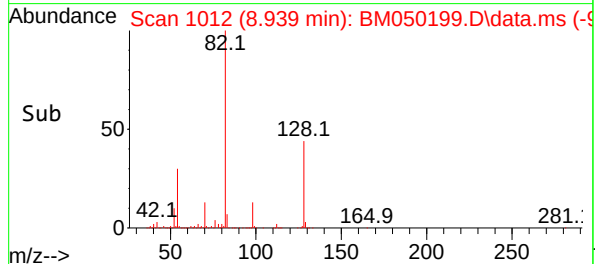
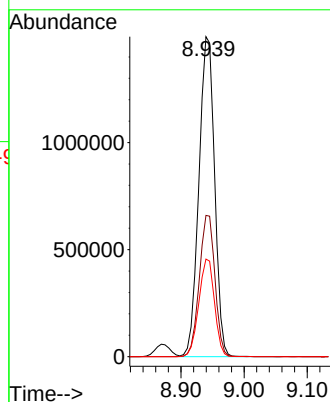
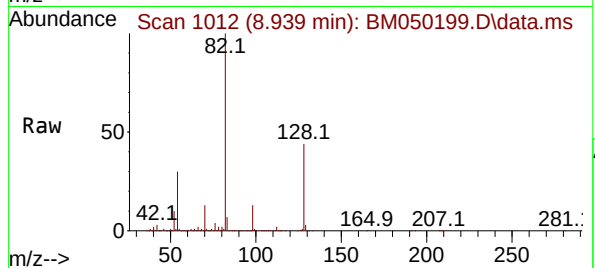




#23
Nitrobenzene-d5
Concen: 107.728 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

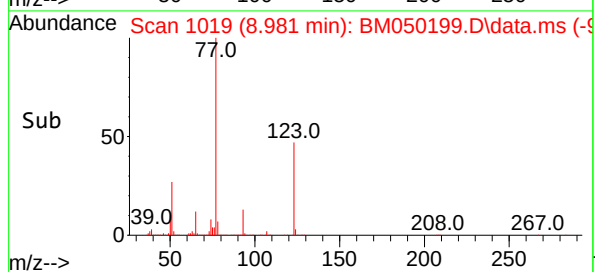
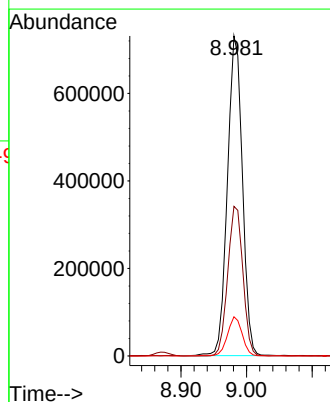
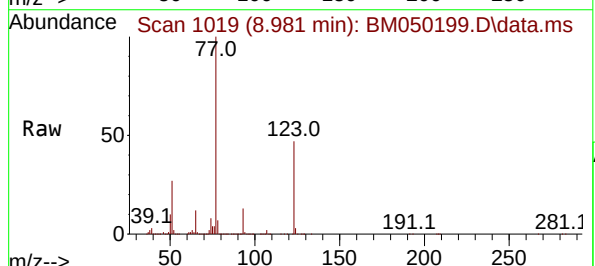
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

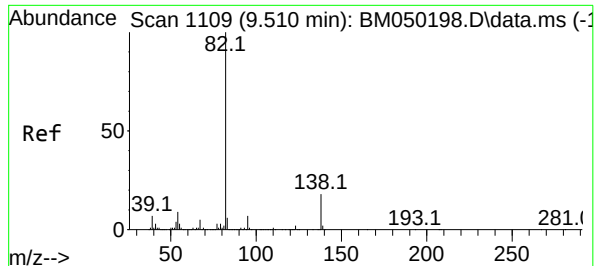
Tgt Ion: 82 Resp: 2579483
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.5 24.5 36.7



#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 :

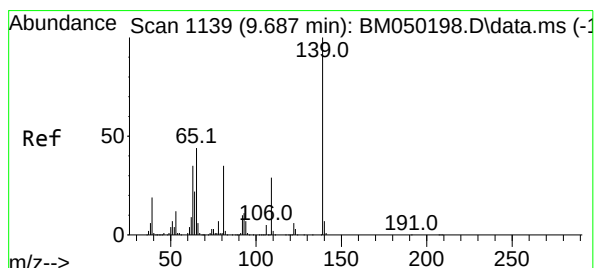
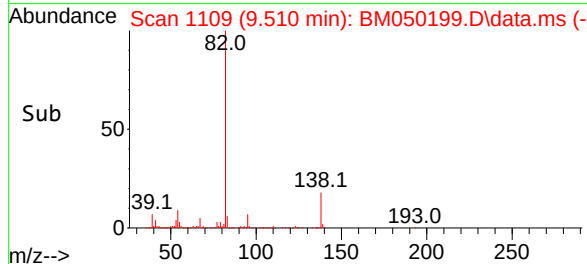
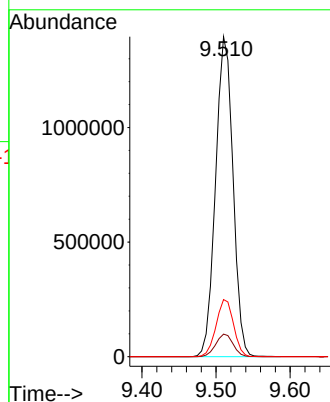
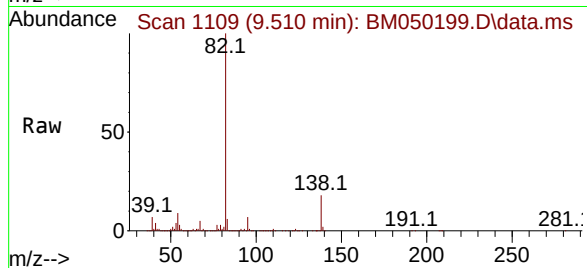
BNA_M

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

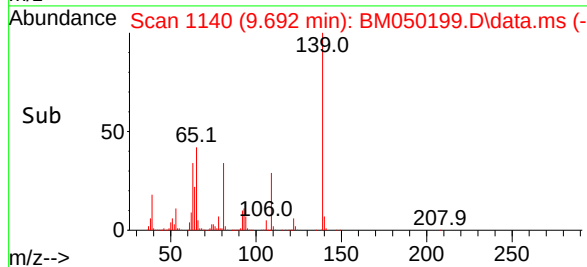
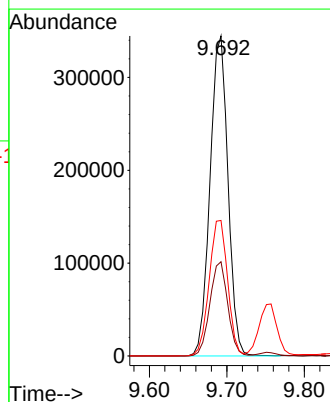
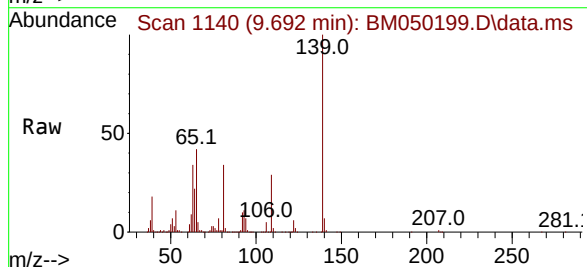
Delta R.T. 0.005 min

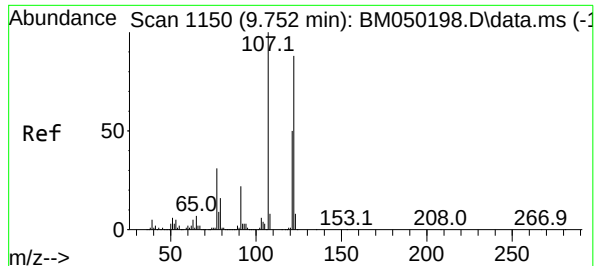
Lab File: BM050199.D

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

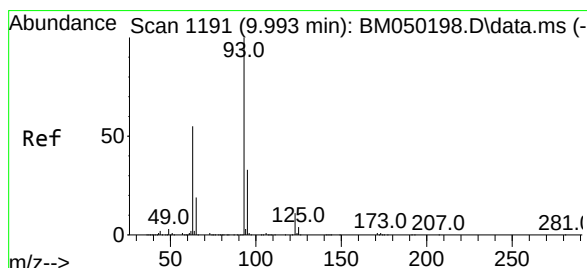
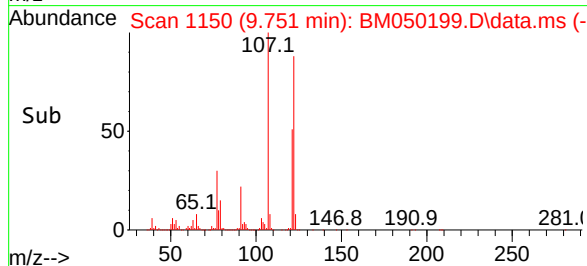
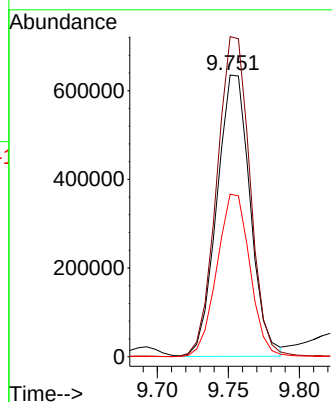
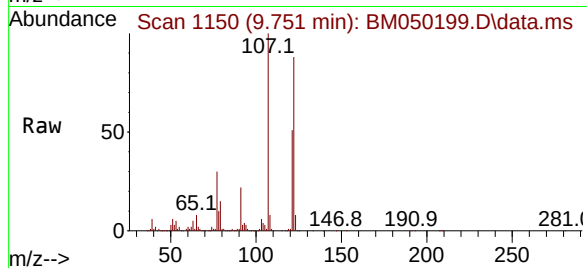
Tgt Ion:122 Resp: 1034501

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

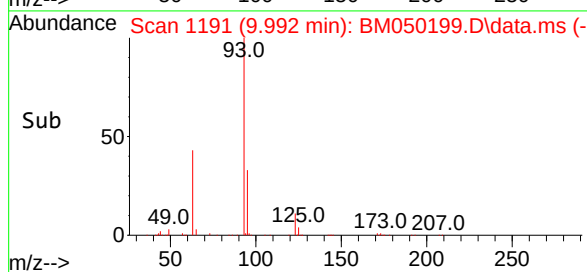
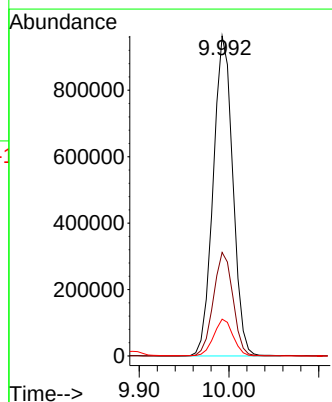
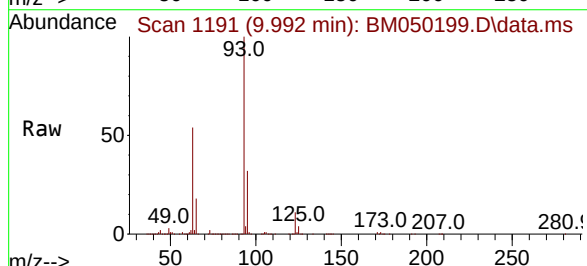
Tgt Ion: 93 Resp: 1463553

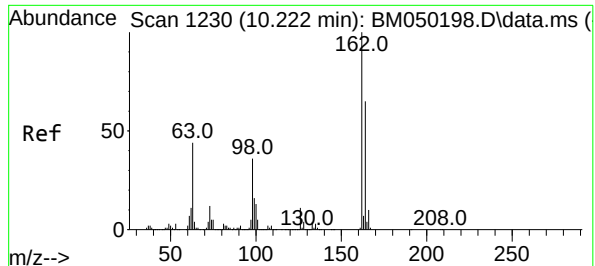
Ion Ratio Lower Upper

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

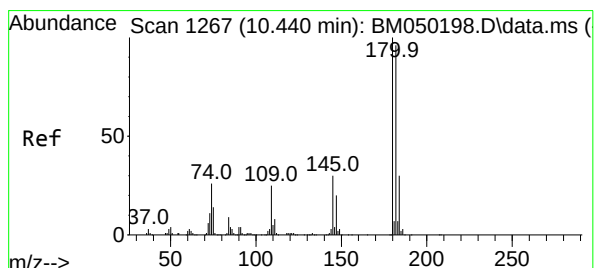
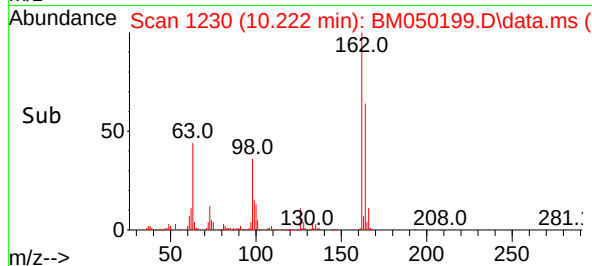
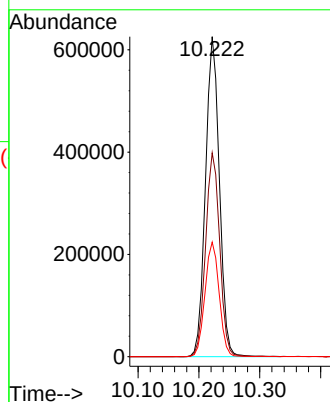
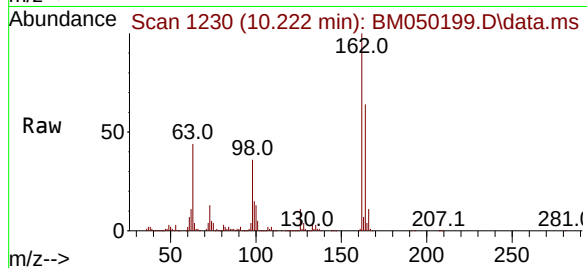
Tgt Ion:162 Resp: 991973

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

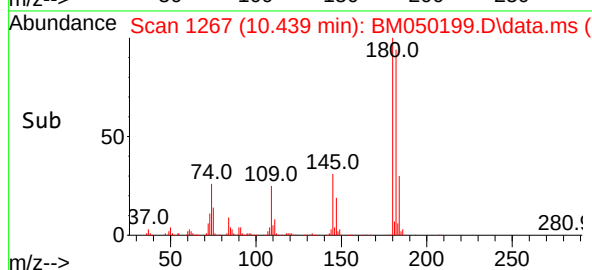
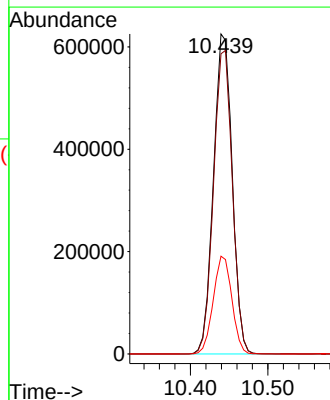
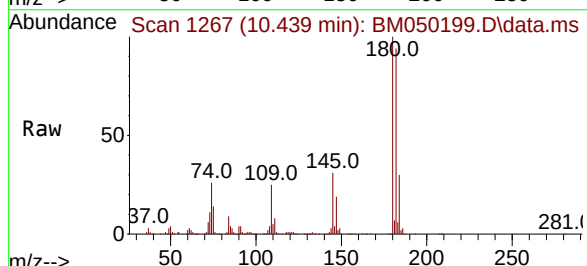
Tgt Ion:180 Resp: 1048864

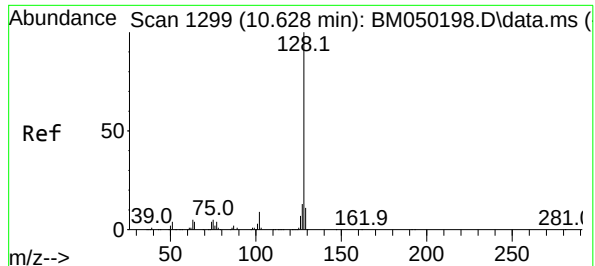
Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

145 30.5 24.2 36.4

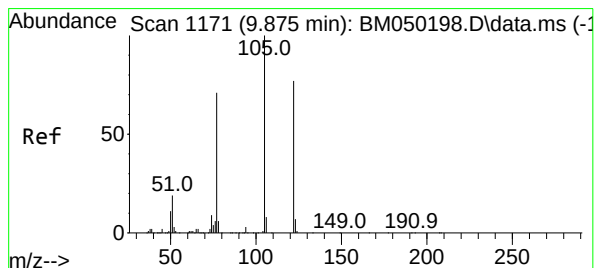
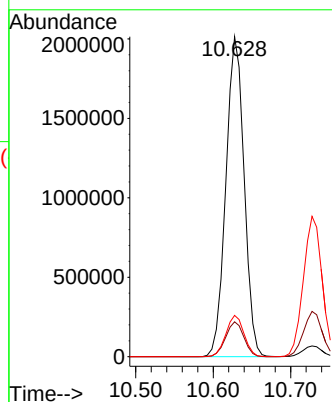
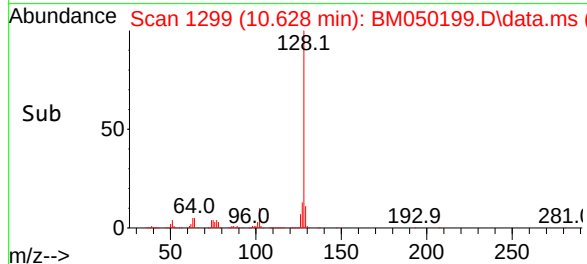
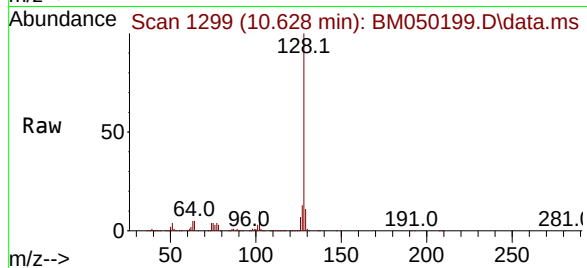




#31
Naphthalene
Concen: 51.309 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

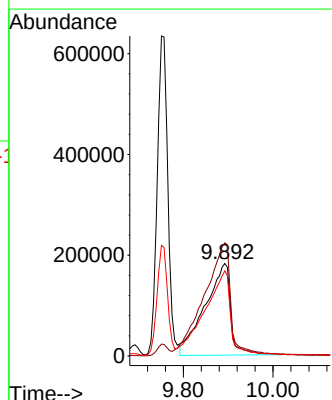
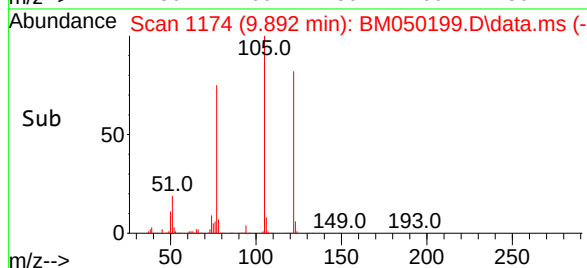
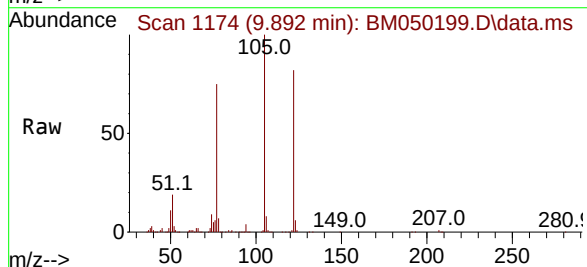
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

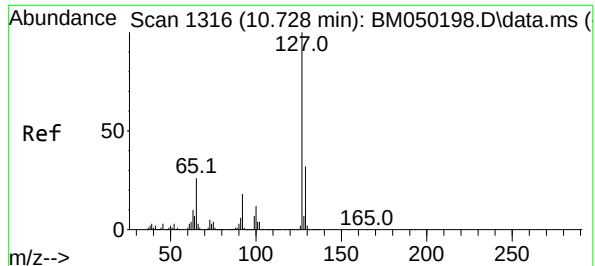
Tgt Ion:128 Resp: 3303529
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.2 15.4



#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

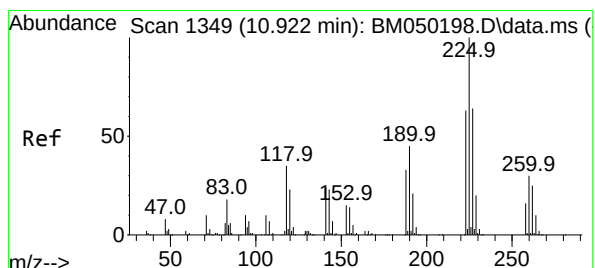
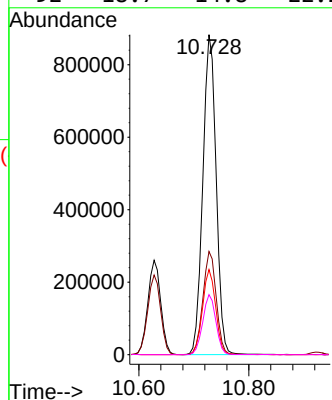
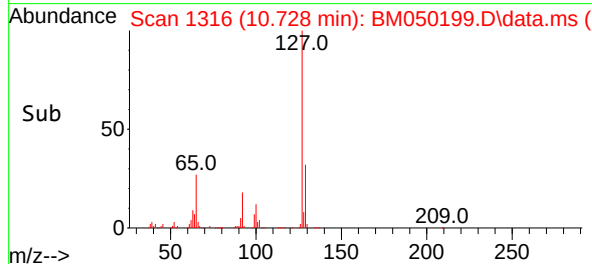
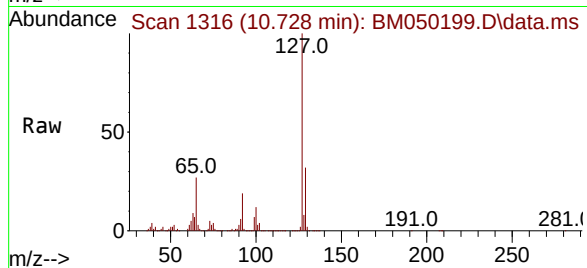




#33
4-Chloroaniline
Concen: 54.095 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

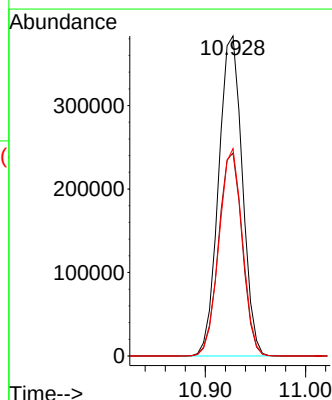
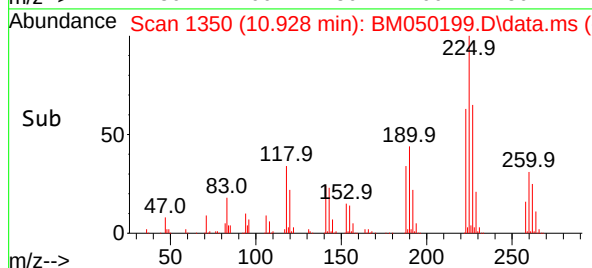
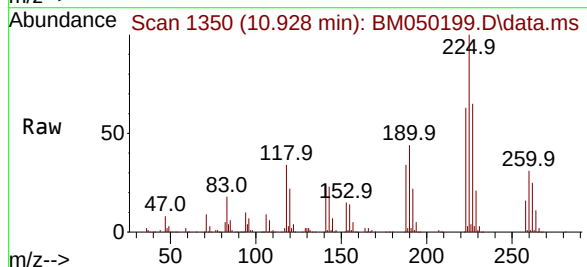
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

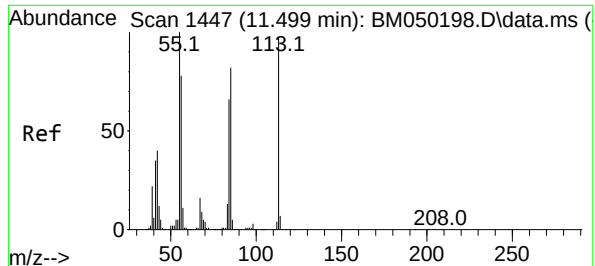
Tgt Ion:127 Resp: 1484906
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0
65 26.6 21.0 31.4
92 18.7 14.8 22.2



#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

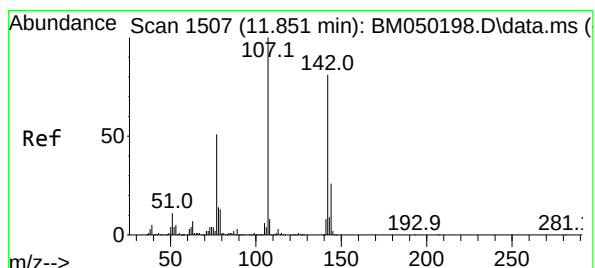
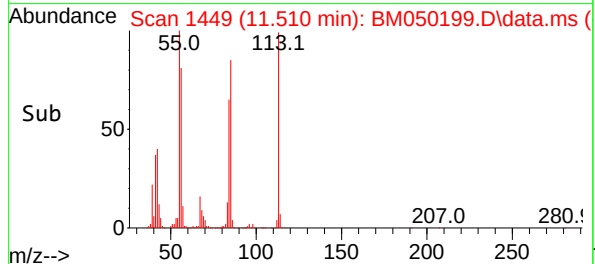
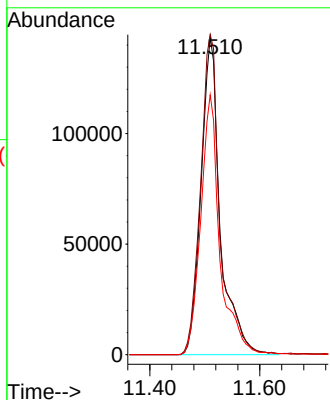
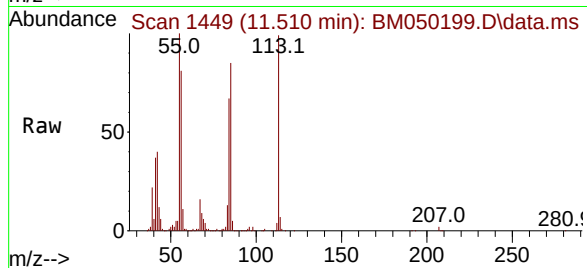




#35
Caprolactam
Concen: 61.561 ng
RT: 11.510 min Scan# 1449
Delta R.T. 0.011 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

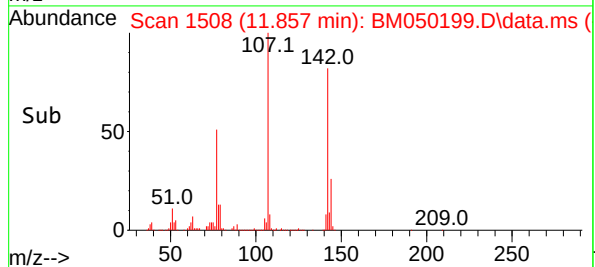
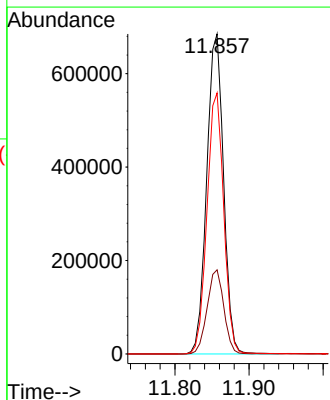
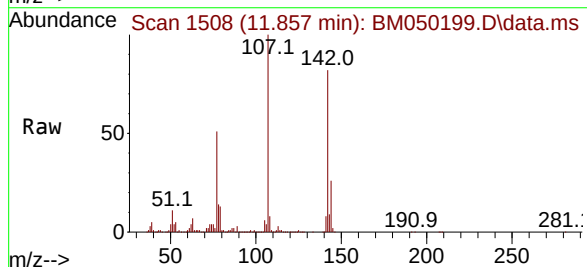
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

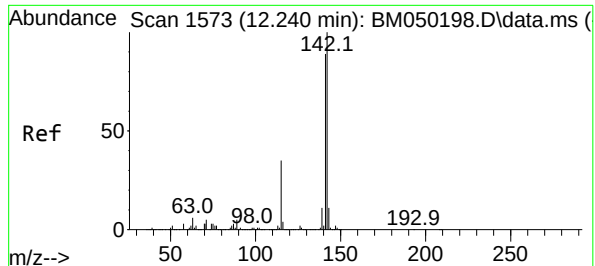
Tgt Ion:113 Resp: 348835
Ion Ratio Lower Upper
113 100
55 100.7 83.5 123.5
56 81.8 60.6 100.6



#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

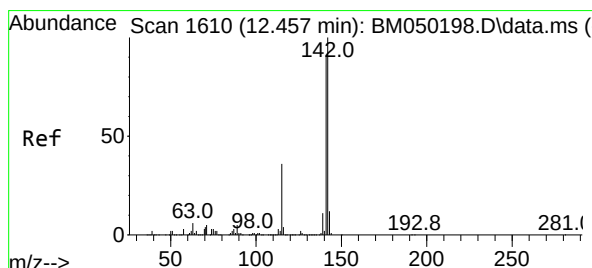
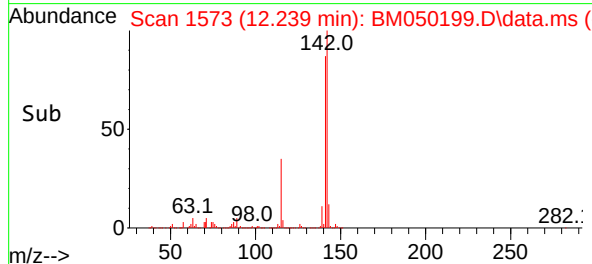
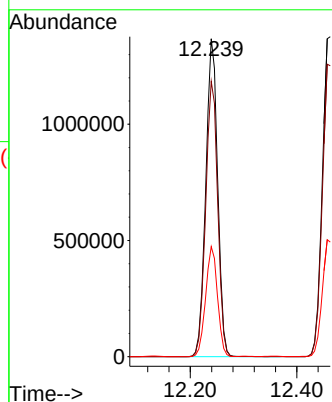
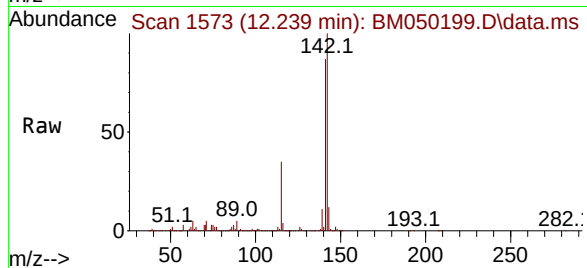




#37
2-Methylnaphthalene
Concen: 54.400 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

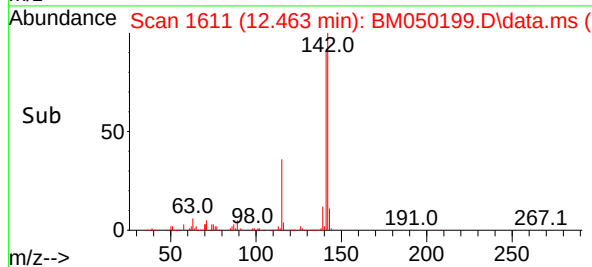
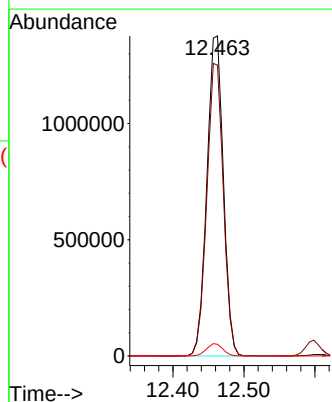
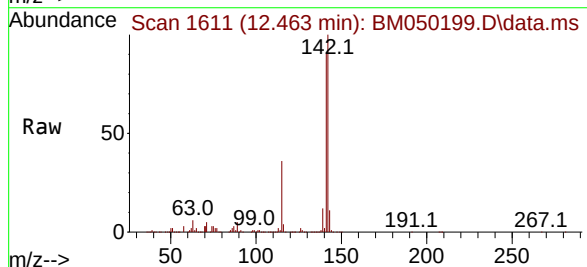
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

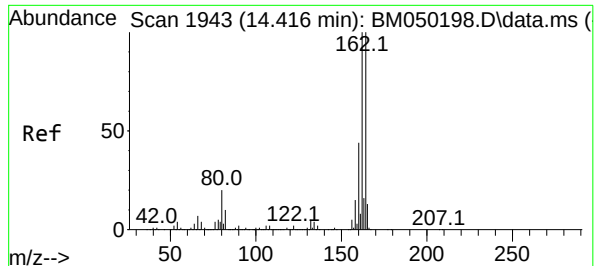
Tgt Ion:142 Resp: 2112994
Ion Ratio Lower Upper
142 100
141 86.6 71.5 107.3
115 34.7 27.8 41.8



#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 :

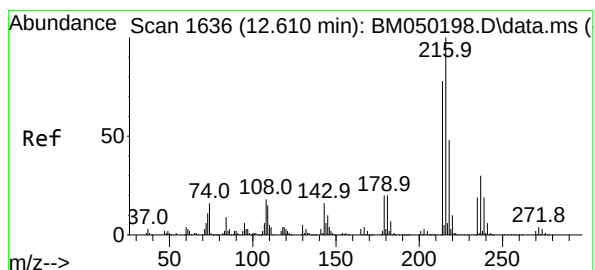
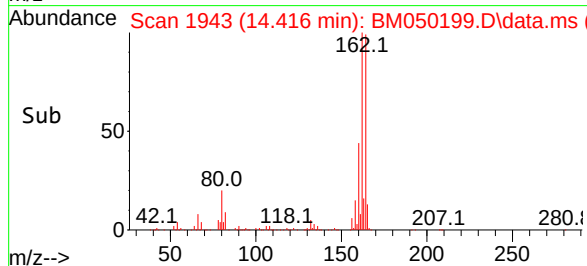
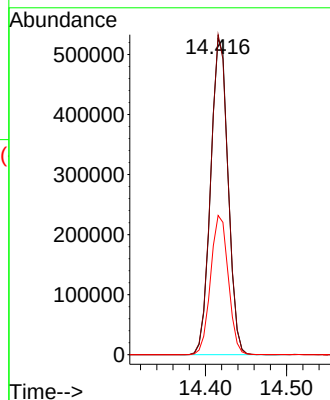
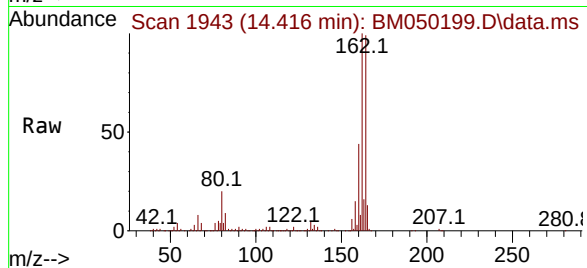
BNA_M

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

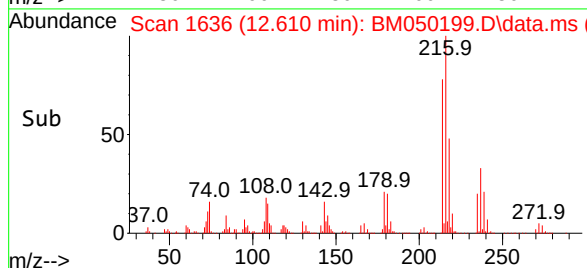
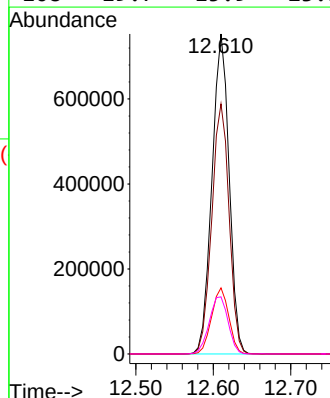
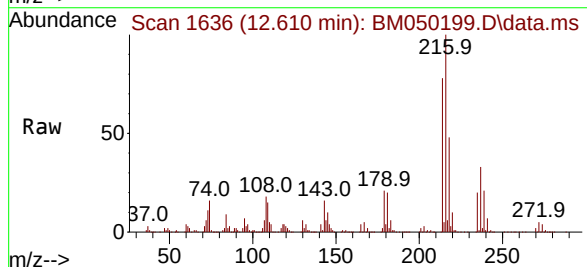
Delta R.T. -0.000 min

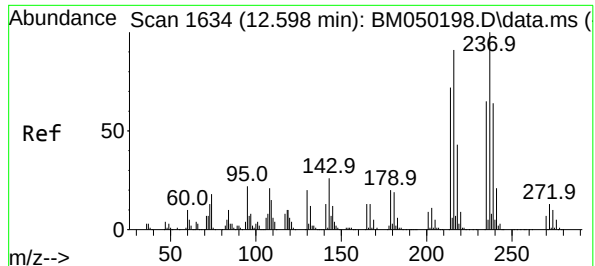
Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Tgt Ion:216 Resp: 1155693

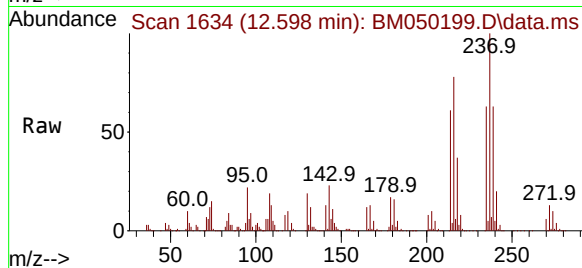
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.8	16.6	25.0
108	19.7	15.9	23.9



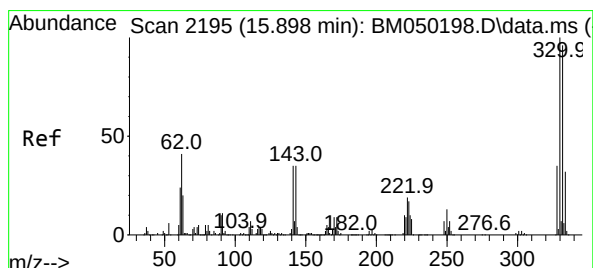
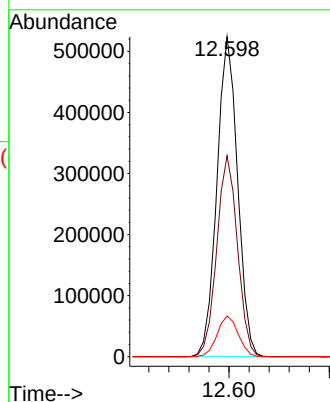
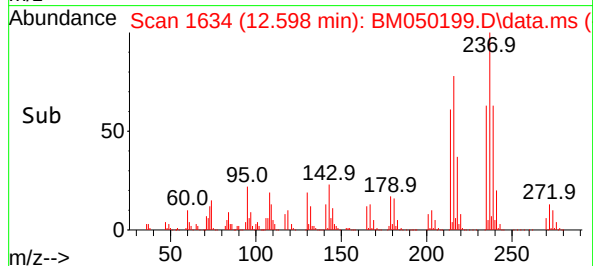


#41
Hexachlorocyclopentadiene
Concen: 54.466 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

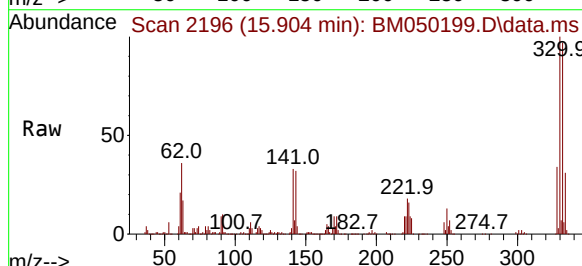
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



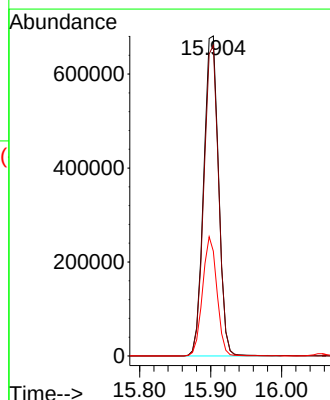
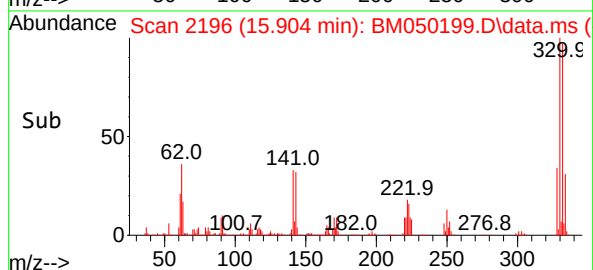
Tgt Ion:237 Resp: 749110
Ion Ratio Lower Upper
237 100
235 62.8 44.6 84.6
272 12.7 0.0 33.1

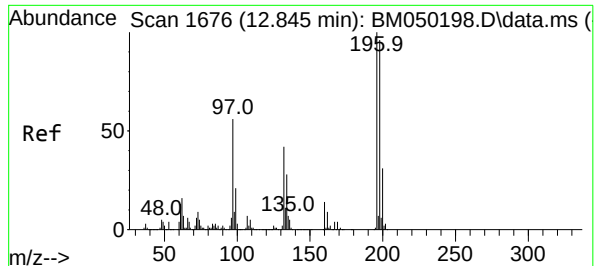


#42
2,4,6-Tribromophenol
Concen: 111.437 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36



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

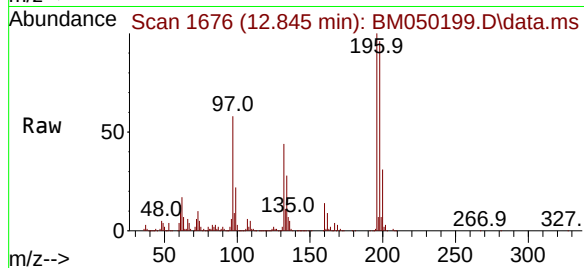
Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



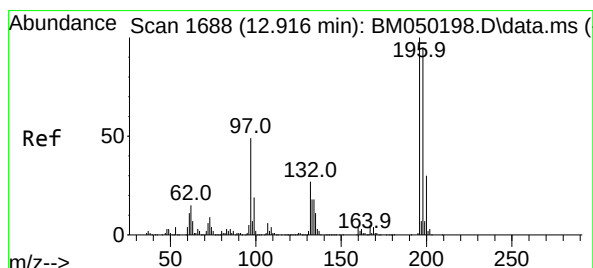
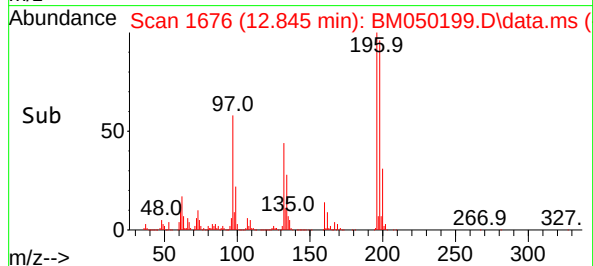
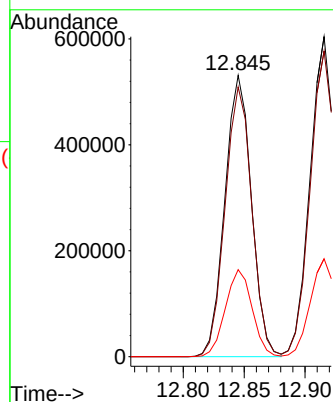
Tgt Ion:196 Resp: 810794

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

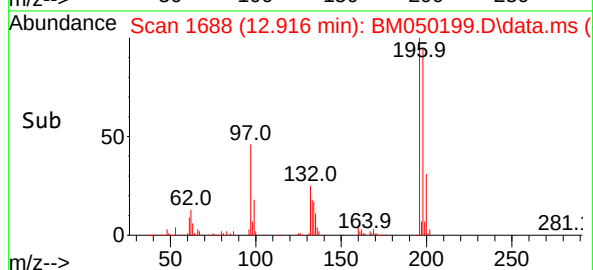
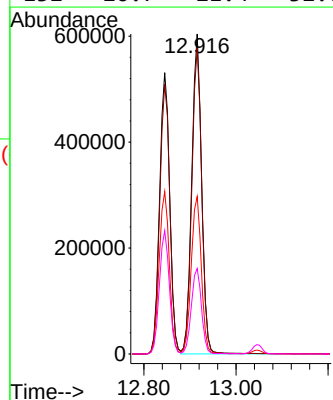
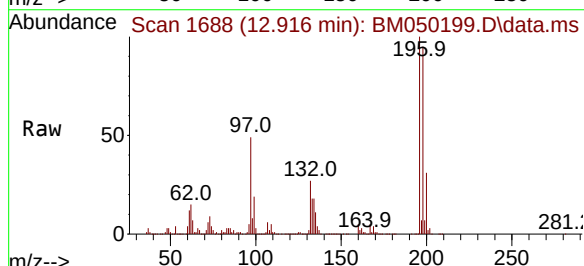
Ion Ratio Lower Upper

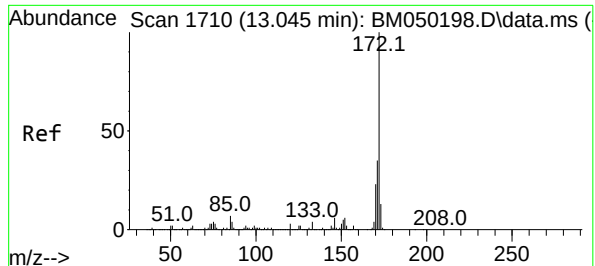
196 100

198 95.5 76.1 114.1

97 49.2 39.3 58.9

132 26.7 21.4 32.0

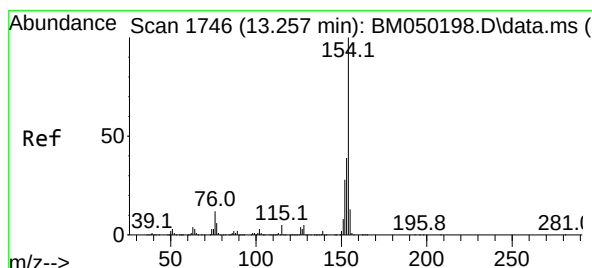
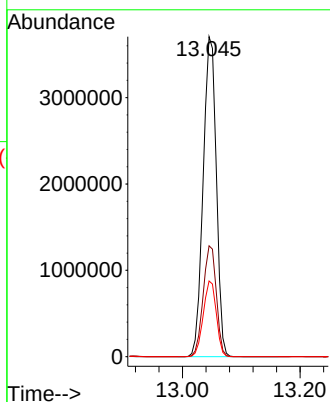
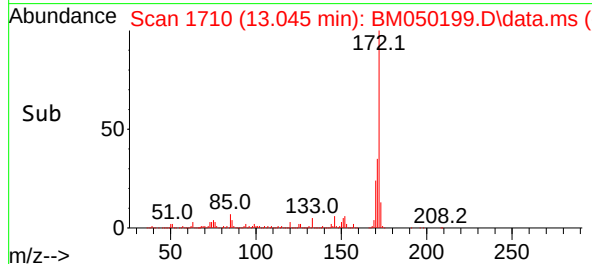
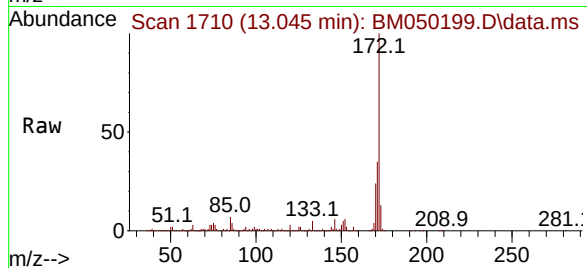




#45
2-Fluorobiphenyl
Concen: 99.064 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

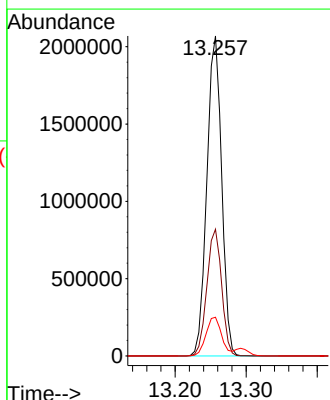
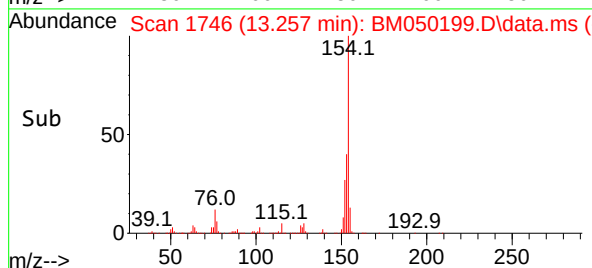
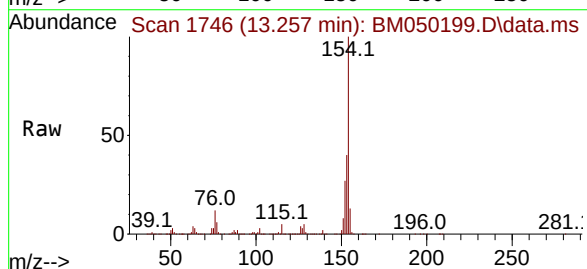
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

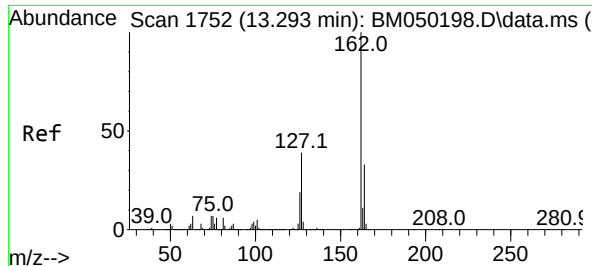
Tgt Ion:172 Resp: 5738887
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.7 18.6 27.8



#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

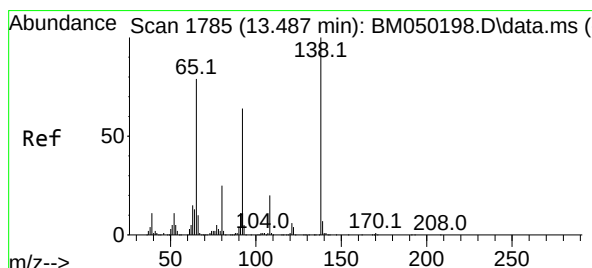
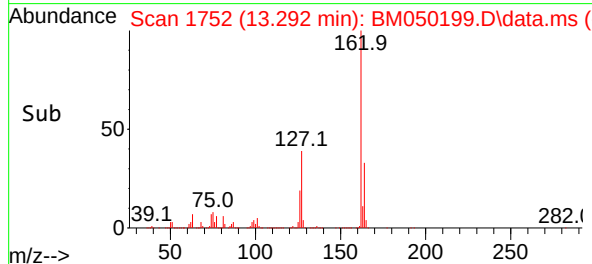
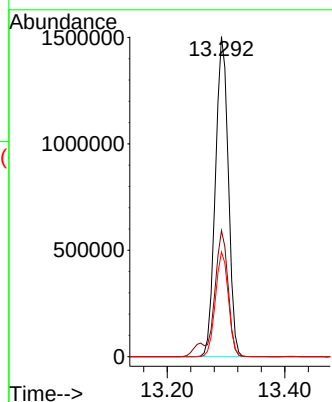
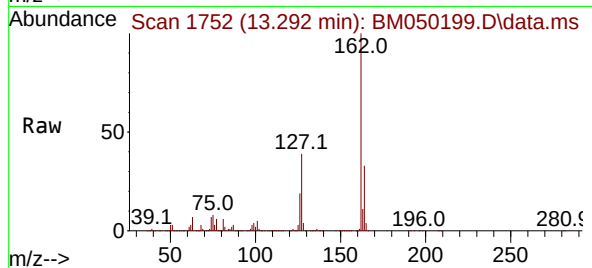




#47
2-Chloronaphthalene
Concen: 50.305 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

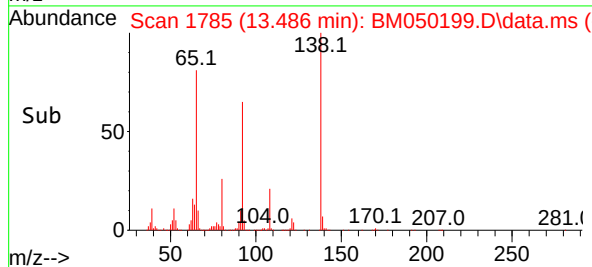
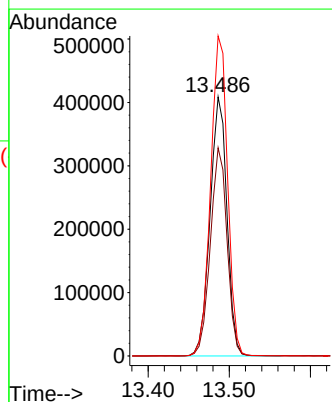
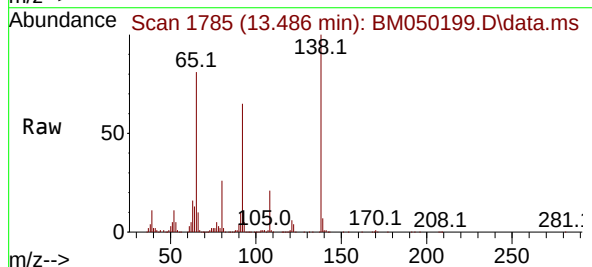
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

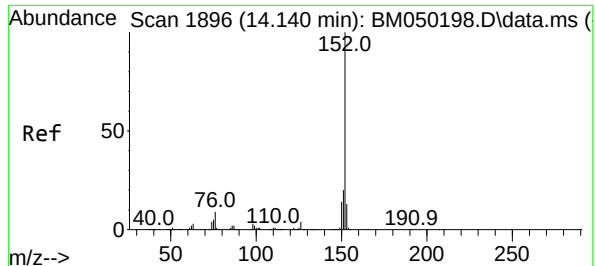
Tgt Ion:162 Resp: 2296762
Ion Ratio Lower Upper
162 100
127 39.4 31.1 46.7
164 32.7 26.5 39.7



#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

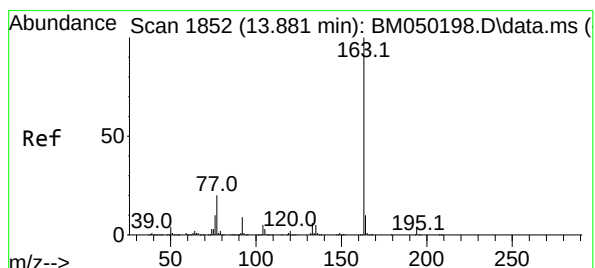
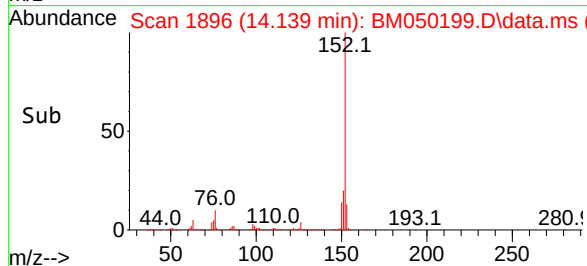
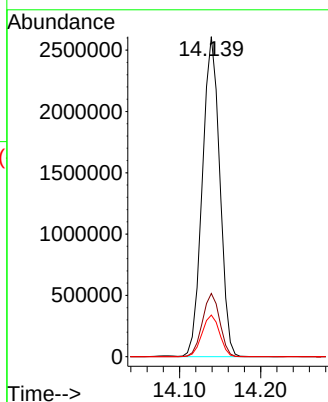
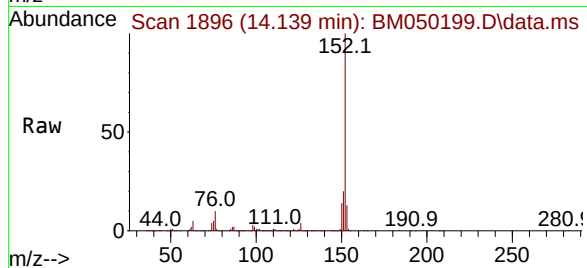
Tgt Ion:152 Resp: 3878499

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

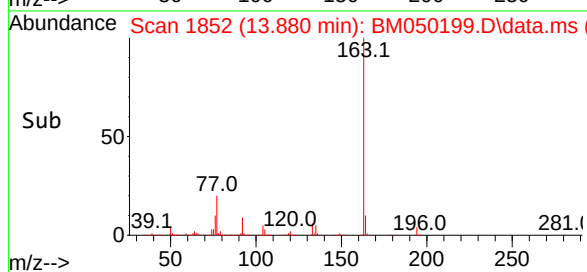
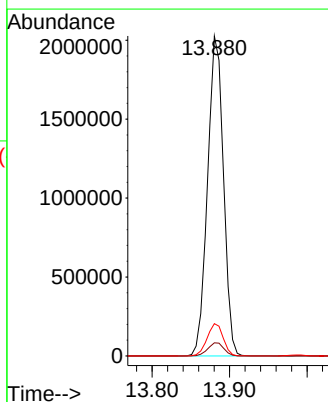
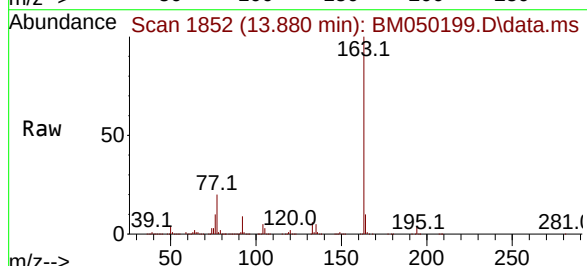
Tgt Ion:163 Resp: 2890771

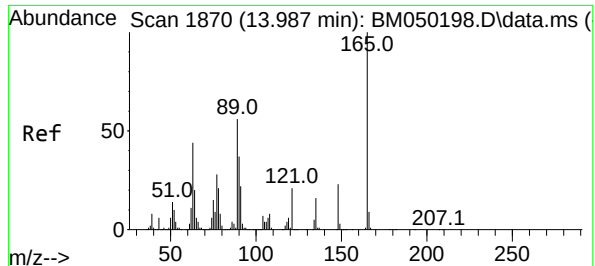
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 7.9 11.9

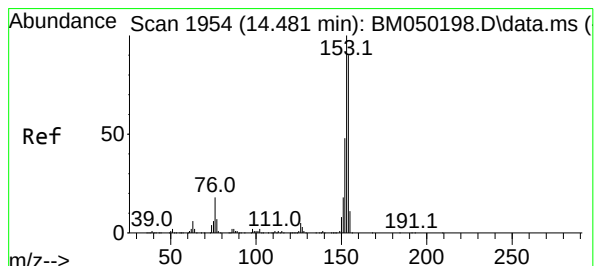
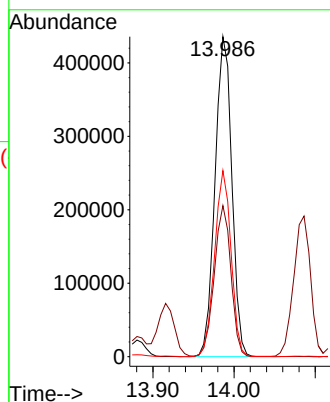
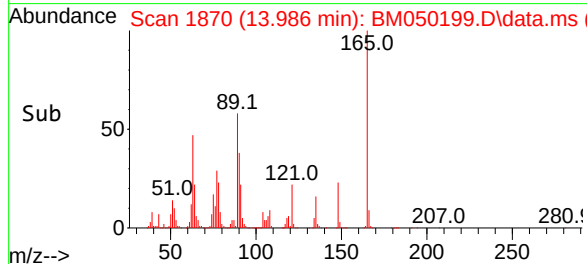
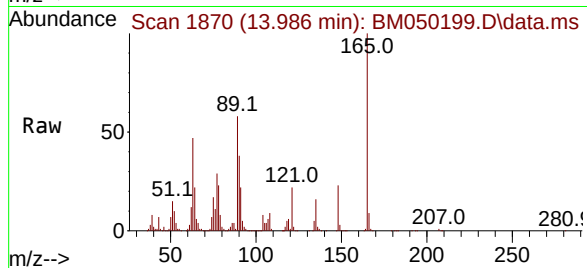




#51
2,6-Dinitrotoluene
Concen: 58.698 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

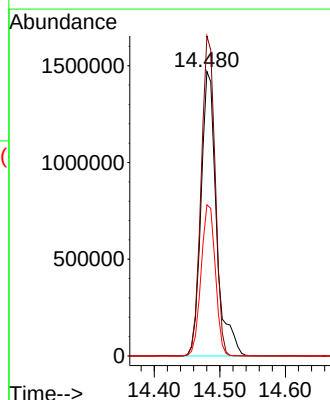
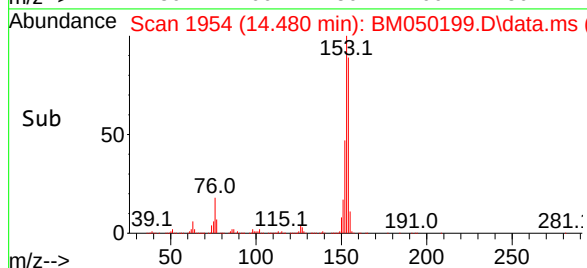
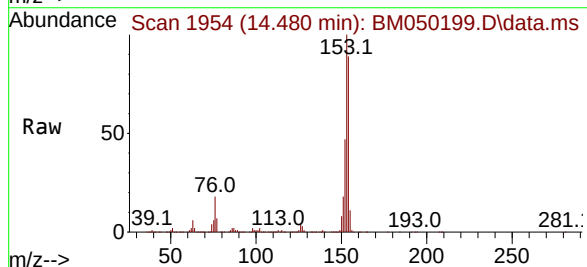
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

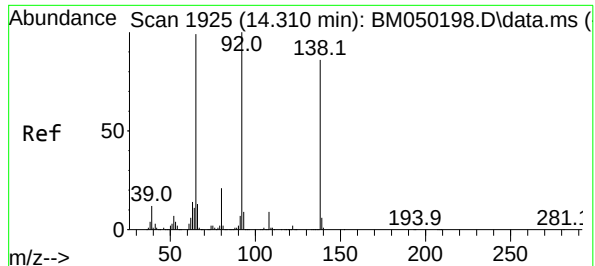
Tgt Ion:165 Resp: 627879
Ion Ratio Lower Upper
165 100
63 47.2 35.8 53.6
89 58.2 44.8 67.2



#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

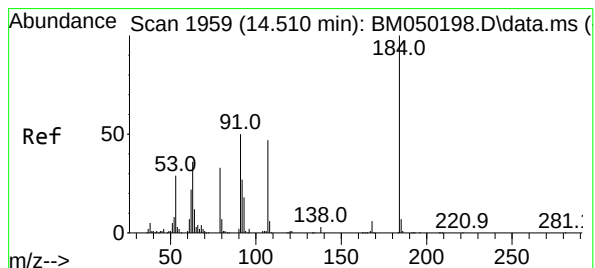
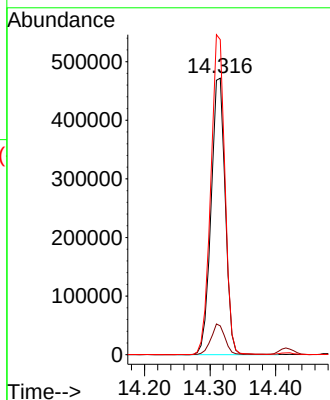
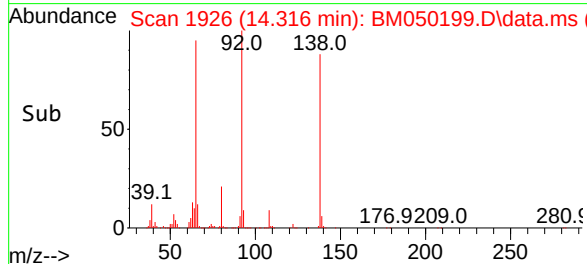
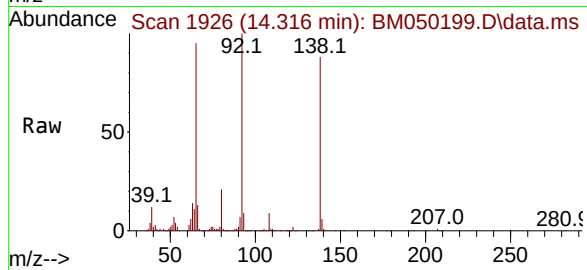




#53
3-Nitroaniline
Concen: 59.247 ng
RT: 14.316 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

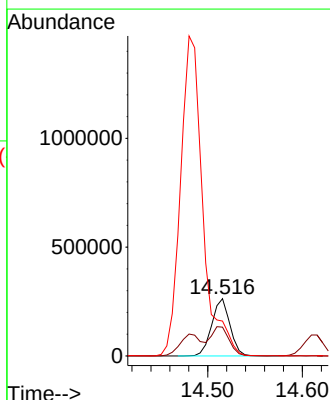
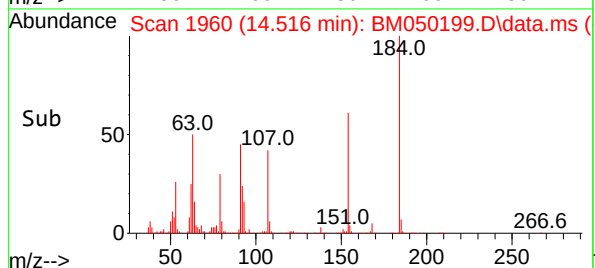
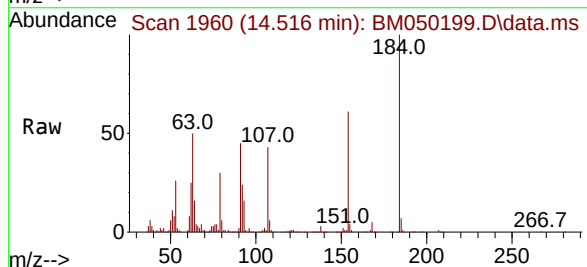
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

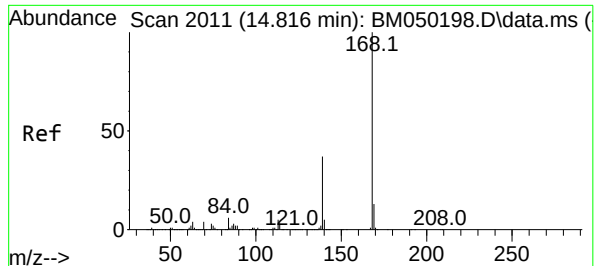
Tgt Ion:138 Resp: 706323
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 113.9 92.9 139.3



#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# 20

Delta R.T. -0.000 min

Lab File: BM050199.D

Acq: 05 Jun 2025 12:36

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

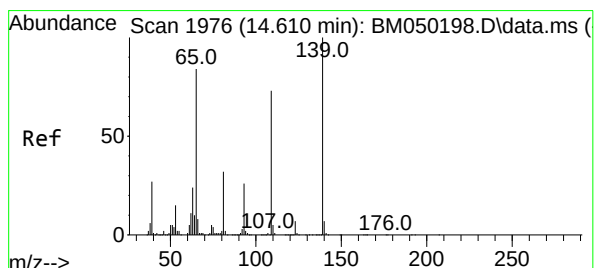
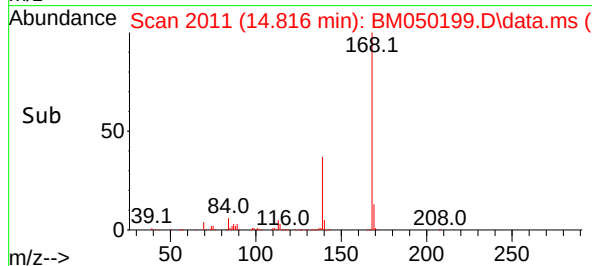
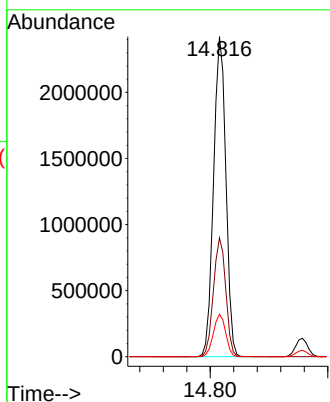
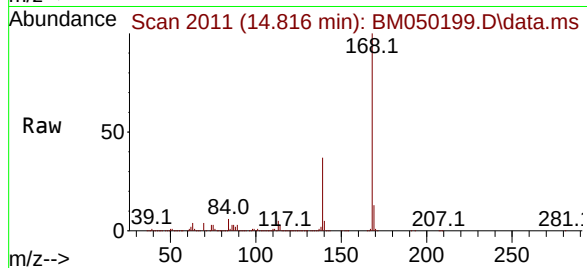
Tgt Ion:168 Resp: 3522761

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

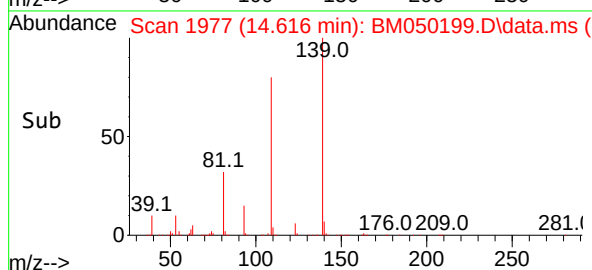
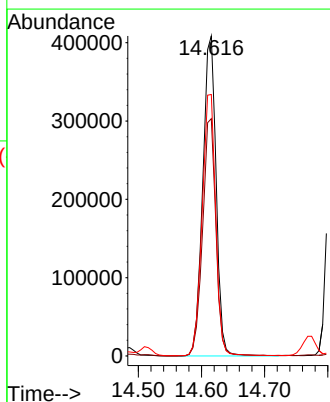
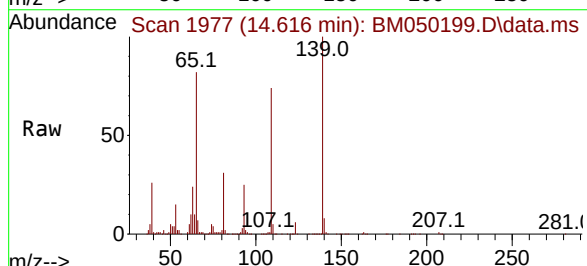
Tgt Ion:139 Resp: 601906

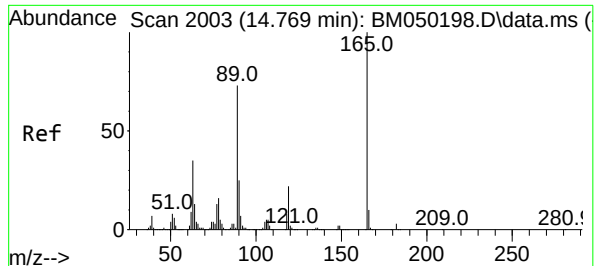
Ion	Ratio	Lower	Upper

139	100		

109	74.2	52.6	92.6

65	81.7	64.3	104.3

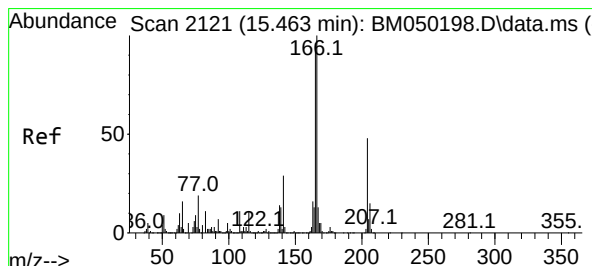
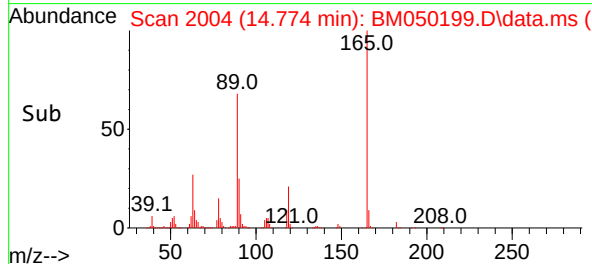
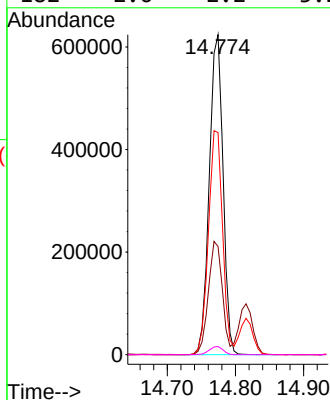
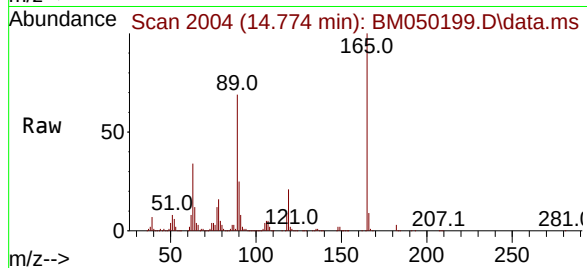




#57
2,4-Dinitrotoluene
Concen: 62.091 ng
RT: 14.774 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

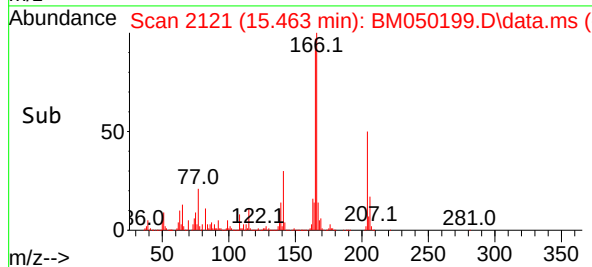
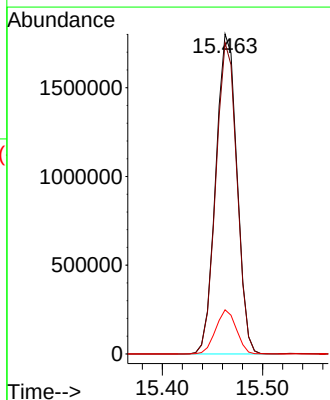
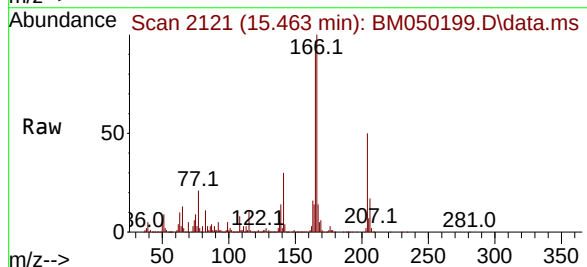
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

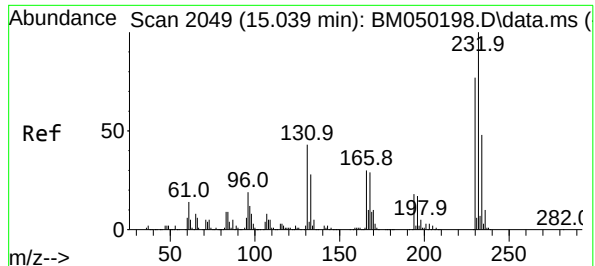
Tgt Ion:165 Resp: 876137
Ion Ratio Lower Upper
165 100
63 33.8 28.4 42.6
89 69.4 58.0 87.0
182 2.6 2.2 3.2



#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

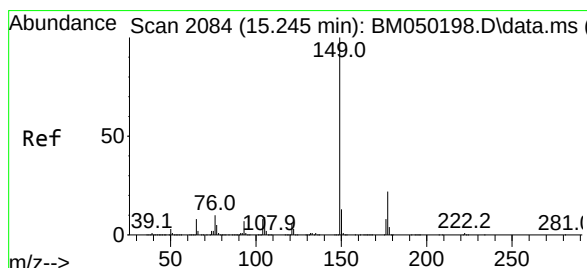
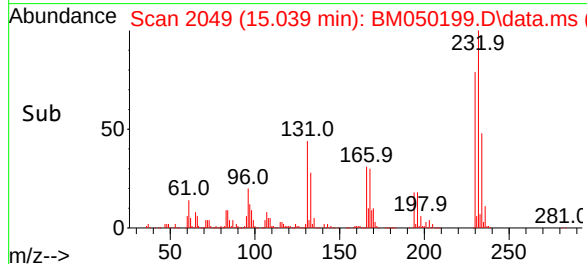
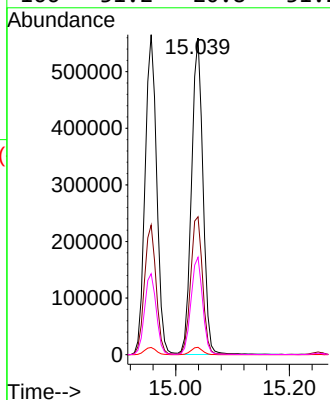
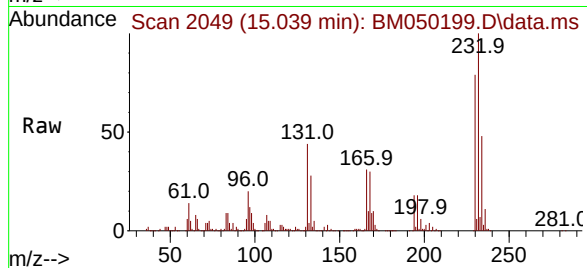




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.608 ng
RT: 15.039 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

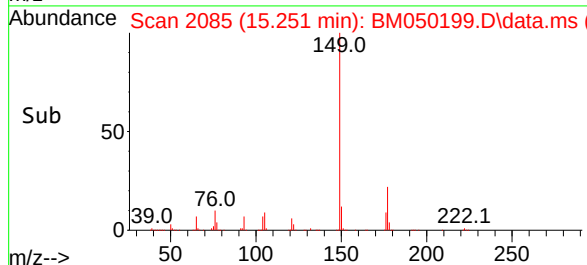
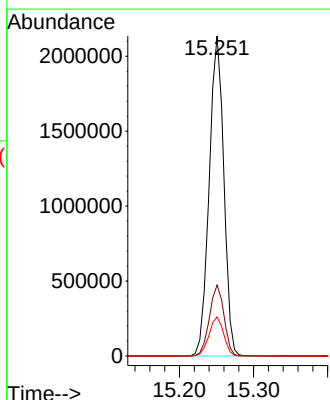
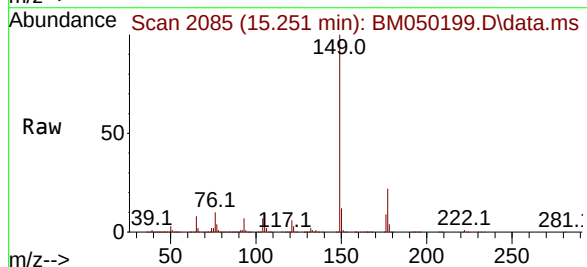
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

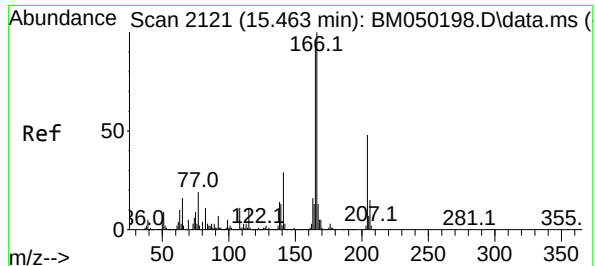
Tgt Ion:232 Resp: 786725
Ion Ratio Lower Upper
232 100
131 45.2 32.9 49.3
130 2.4 1.8 2.8
166 31.2 20.8 31.2



#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

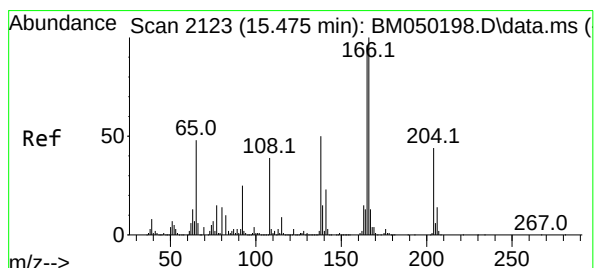
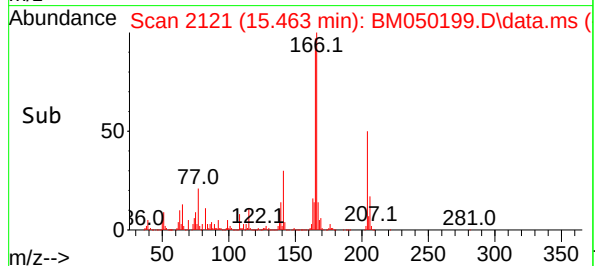
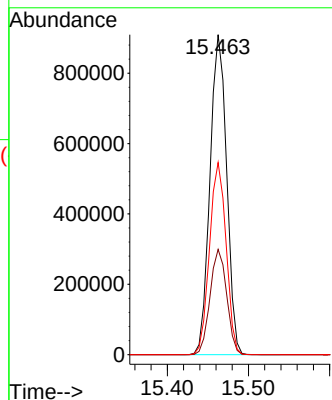
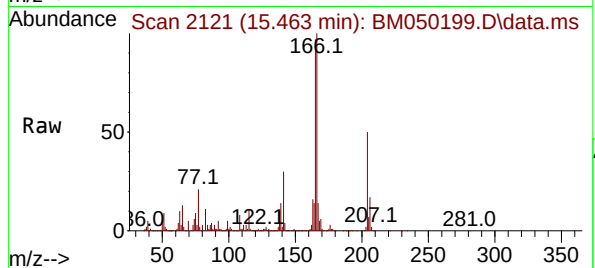




#61
4-Chlorophenyl-phenylether
Concen: 51.728 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

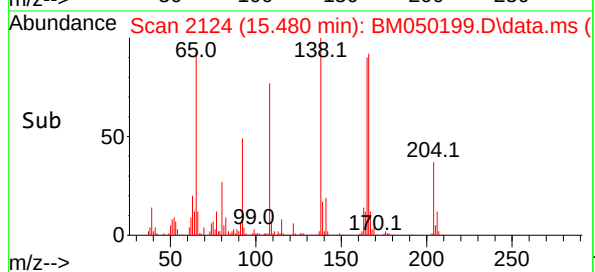
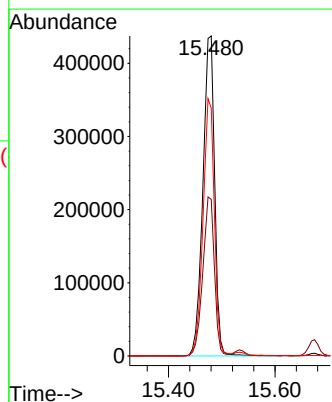
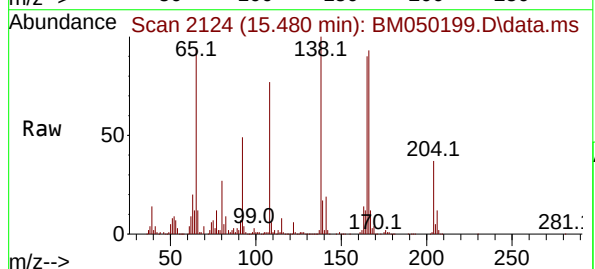
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

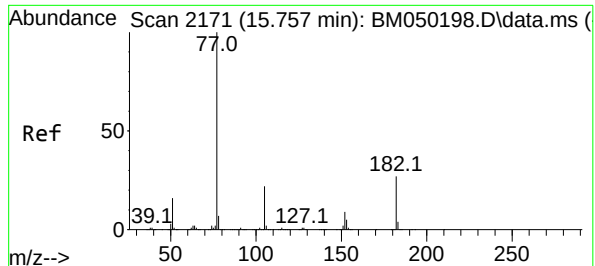
Tgt Ion:204 Resp: 1293938
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 60.1 47.9 71.9



#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



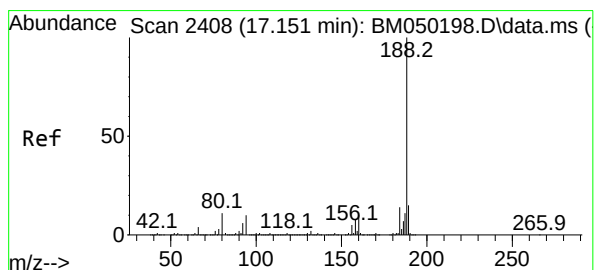
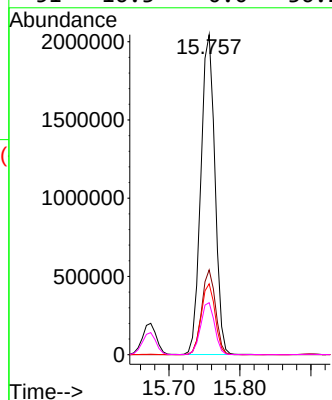
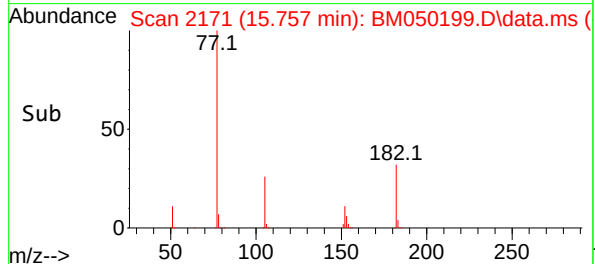
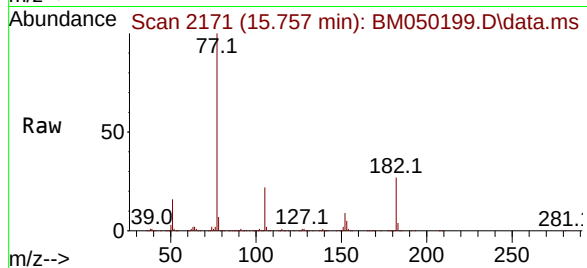


#63
Azobenzene
Concen: 53.794 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2829707

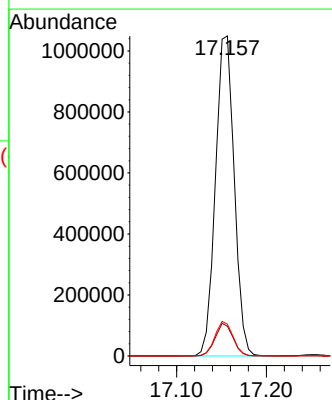
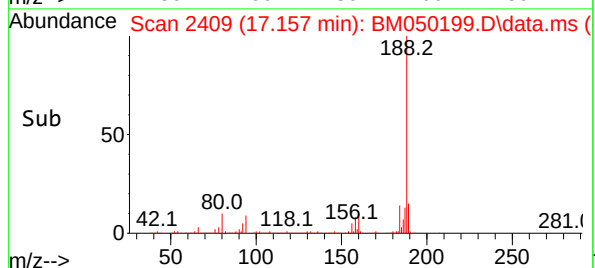
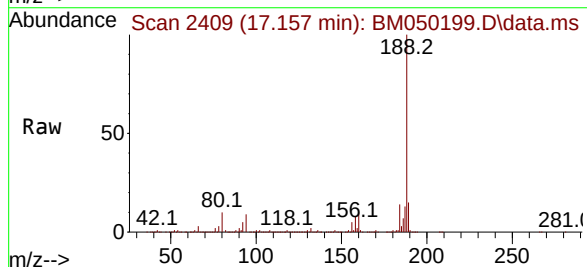
Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.8	46.8
105	22.1	1.7	41.7
51	16.3	0.0	36.2

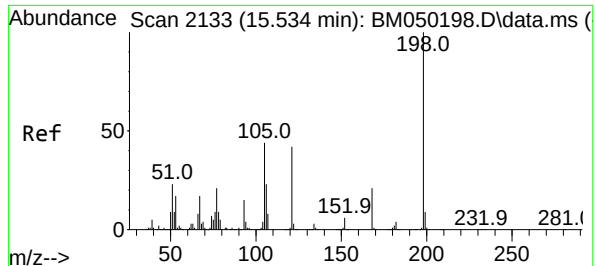


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

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

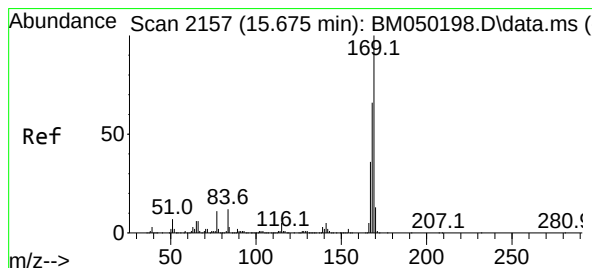
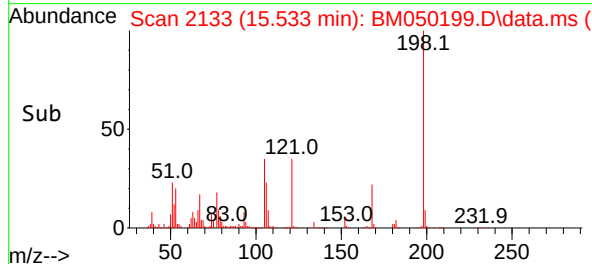
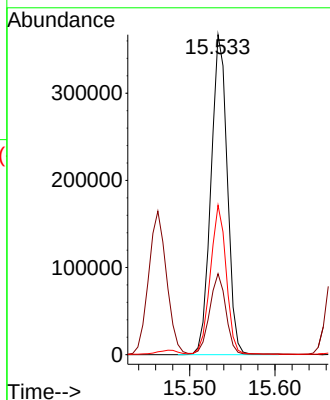
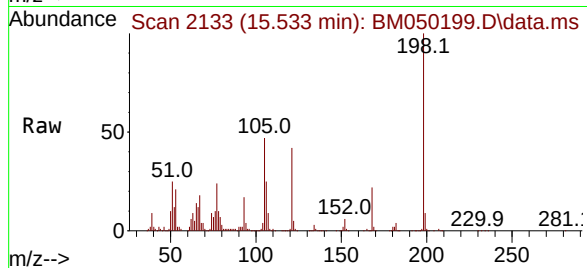




#65
4,6-Dinitro-2-methylphenol
Concen: 58.562 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

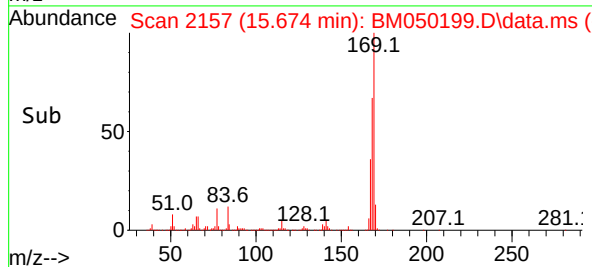
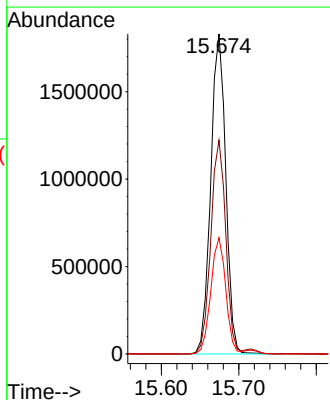
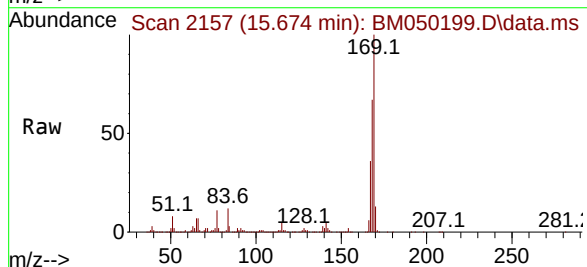
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

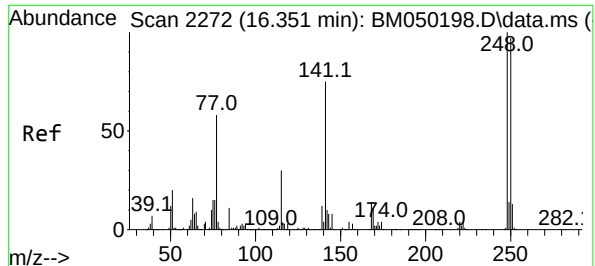
Tgt Ion:198 Resp: 487410
Ion Ratio Lower Upper
198 100
51 25.3 4.5 44.5
105 46.7 24.9 64.9



#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

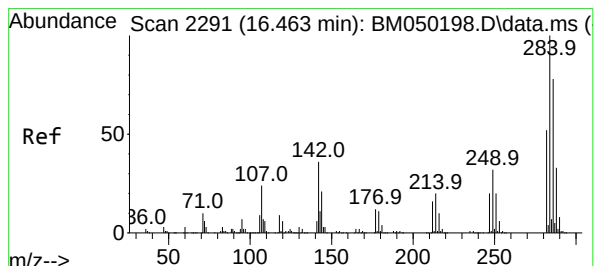
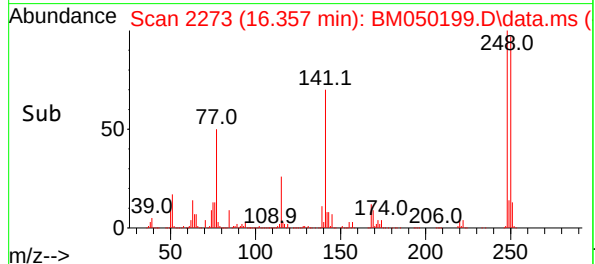
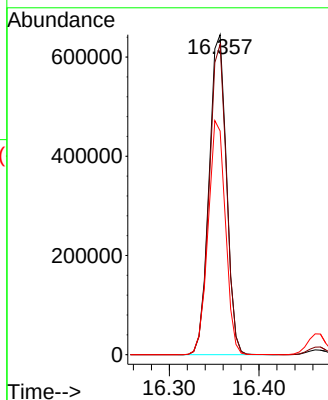
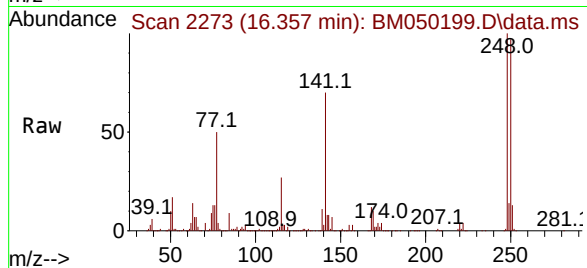




#67
4-Bromophenyl-phenylether
Concen: 53.423 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

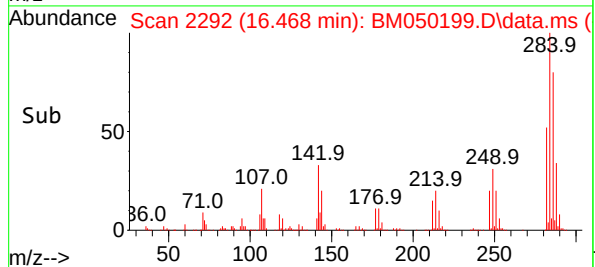
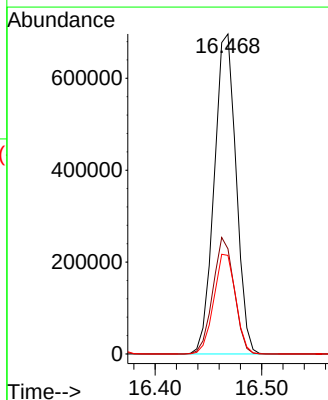
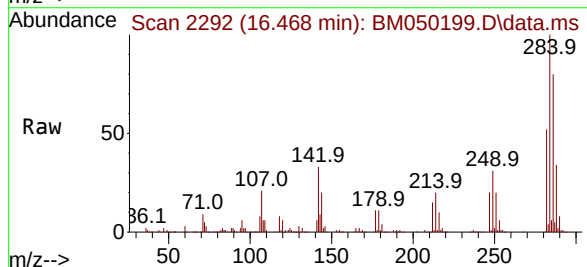
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

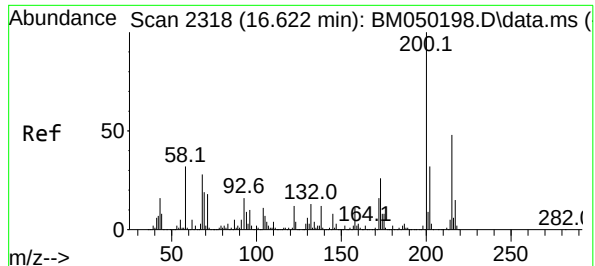
Tgt Ion:248 Resp: 868132
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 69.9 60.1 90.1



#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

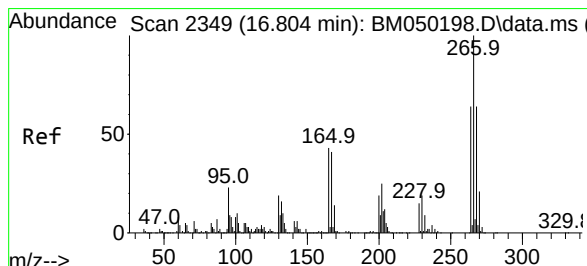
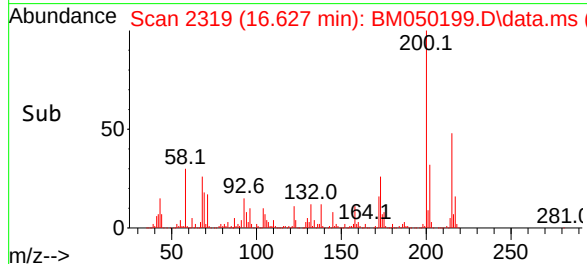
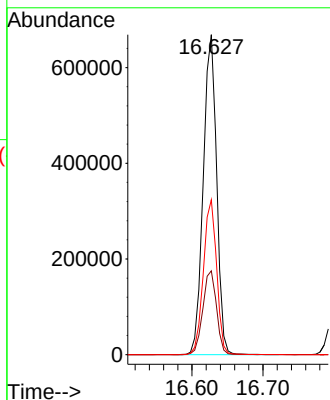
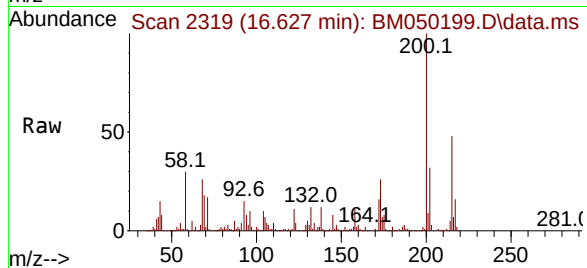




#69
Atrazine
Concen: 57.610 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

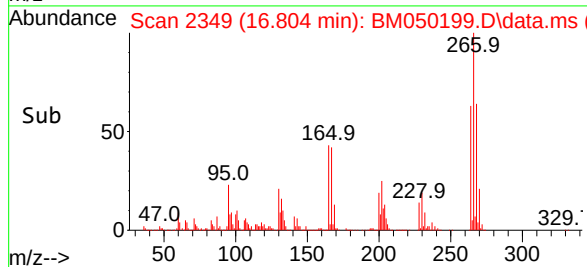
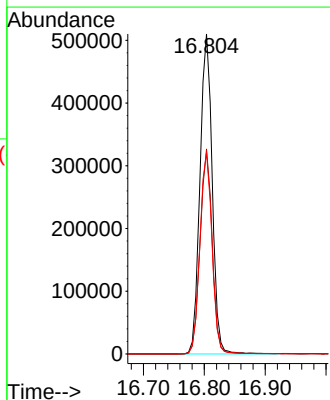
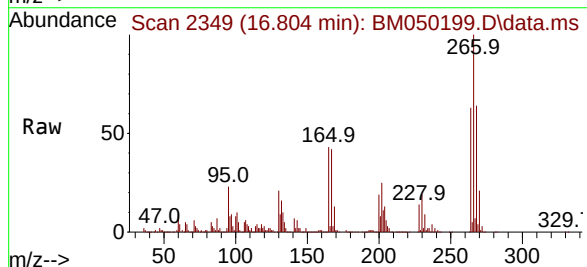
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

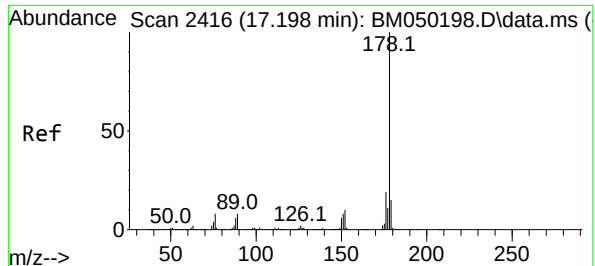
Tgt Ion:200 Resp: 878900
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 48.4 28.1 68.1



#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

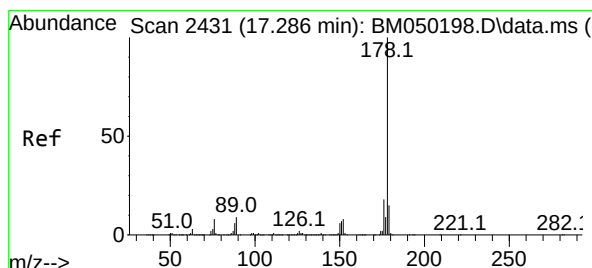
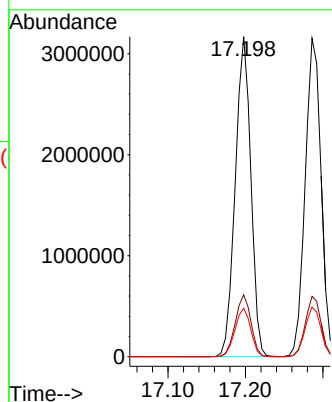
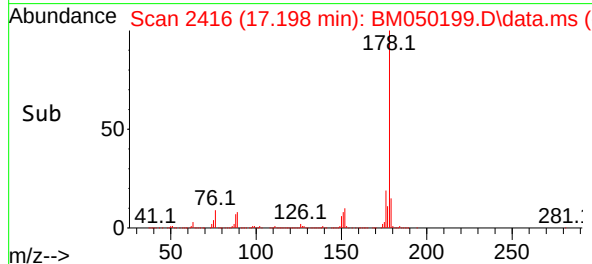
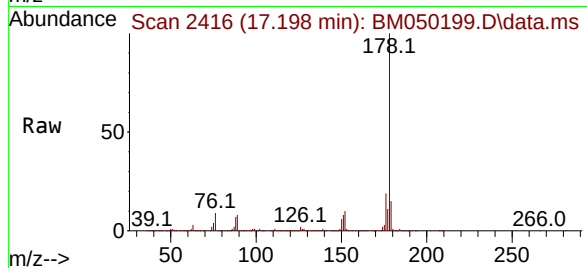




#71
Phenanthrene
Concen: 50.793 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

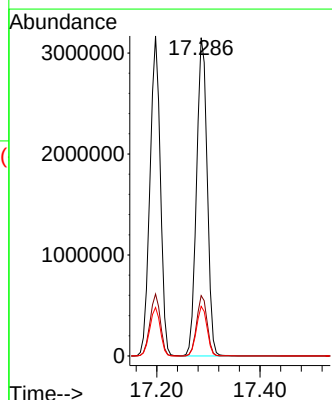
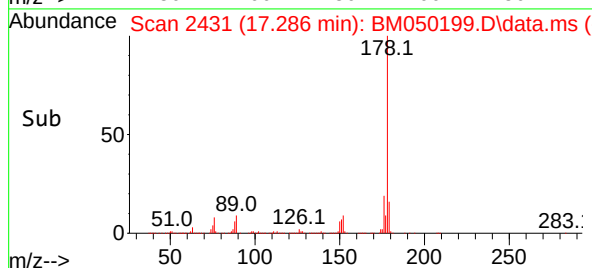
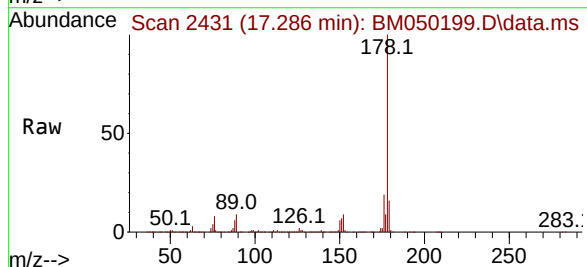
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

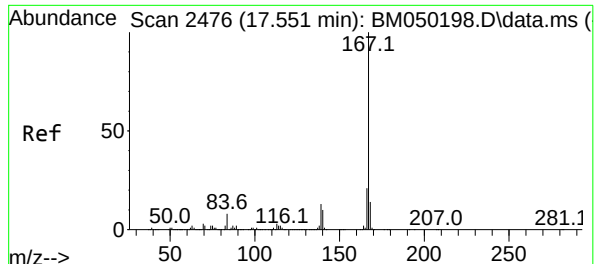
Tgt Ion:178 Resp: 4421661
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.3 18.5



#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

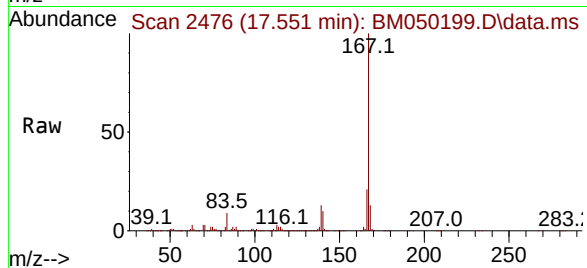
Tgt Ion:178 Resp: 4499098
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.3 18.5



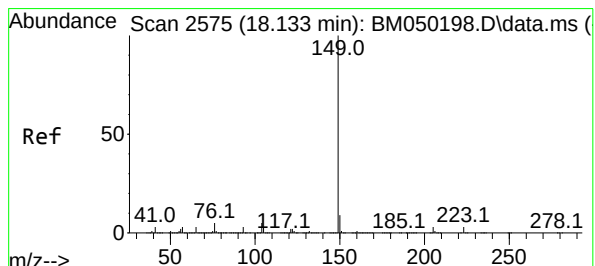
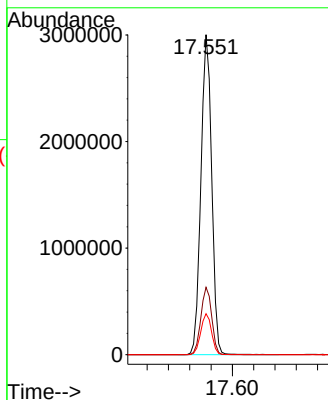
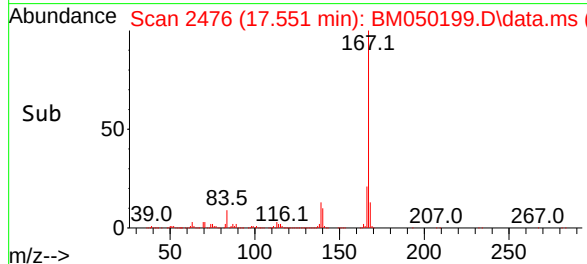


#73
Carbazole
Concen: 52.985 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

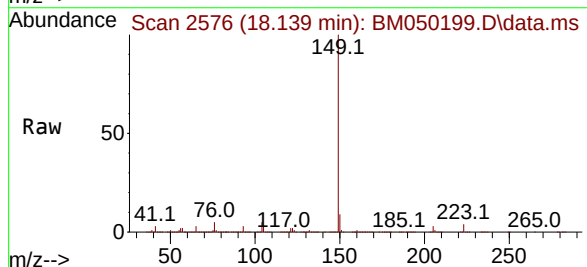
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



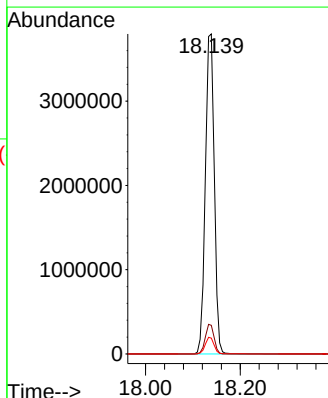
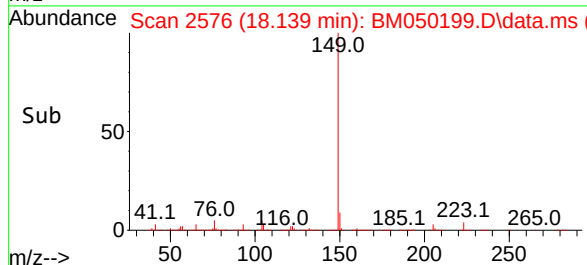
Tgt Ion:167 Resp: 4203693
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.2 15.4

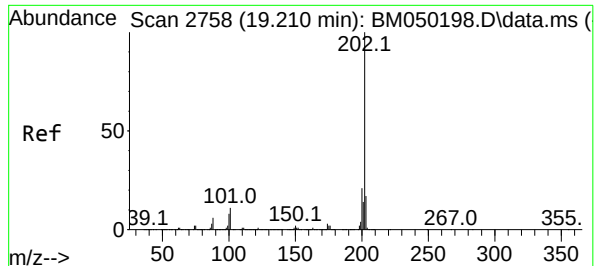


#74
Di-n-butylphthalate
Concen: 57.359 ng
RT: 18.139 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36



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

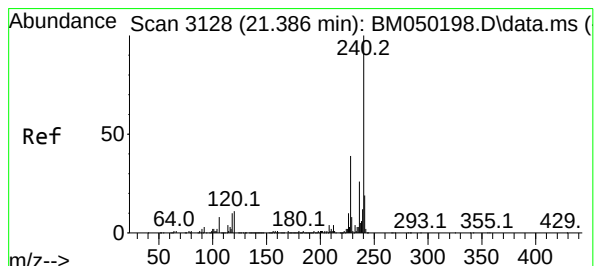
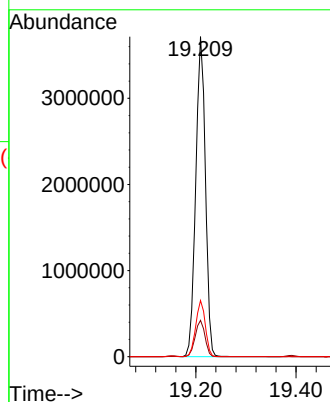
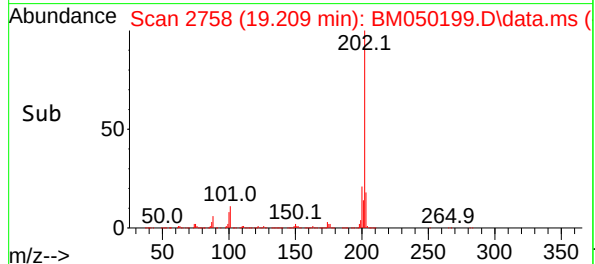
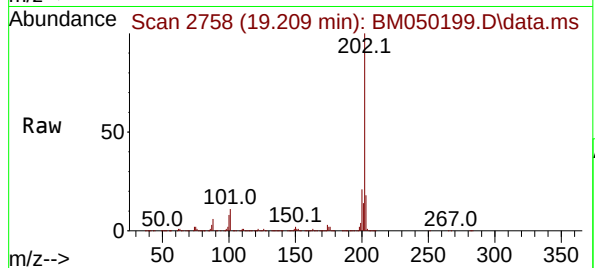




#75
Fluoranthene
Concen: 54.004 ng
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

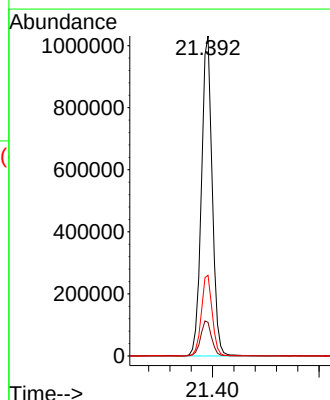
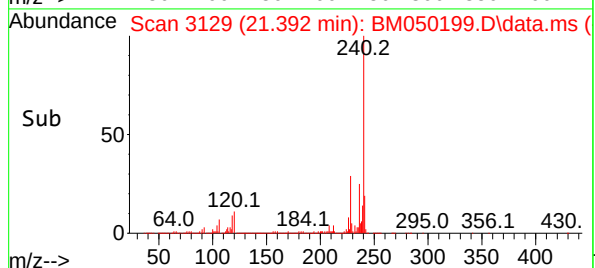
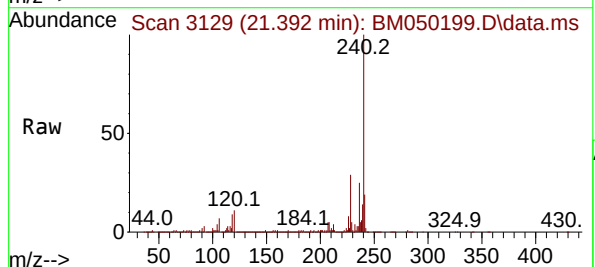
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

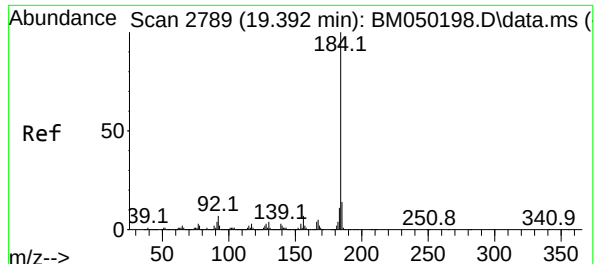
Tgt Ion:202 Resp: 4957680
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.1
203 17.5 0.0 37.0



#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

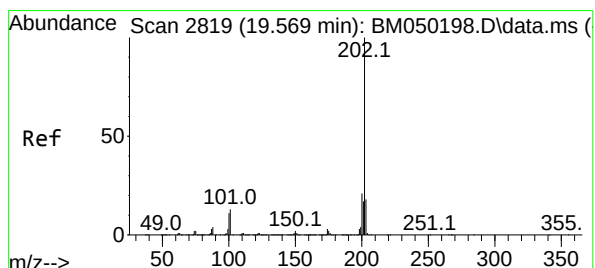
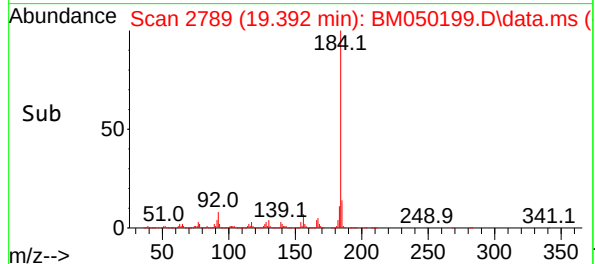
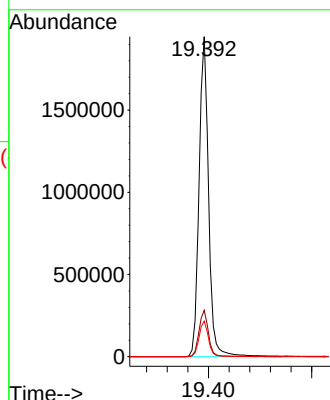
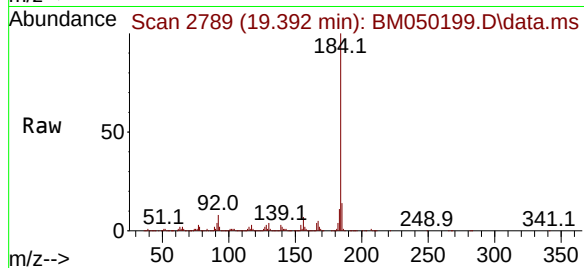




#77
Benzidine
Concen: 61.214 ng
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

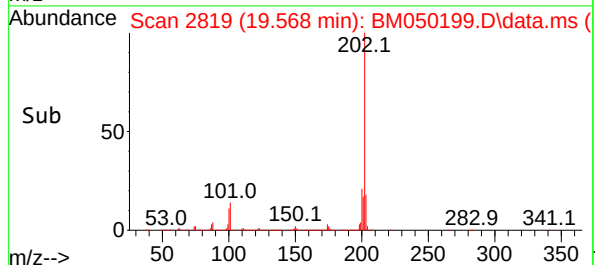
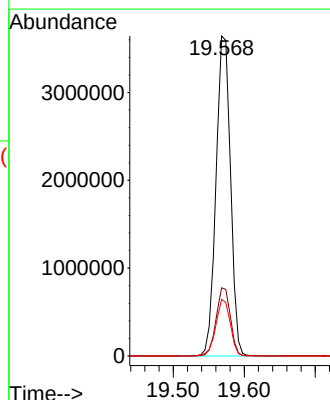
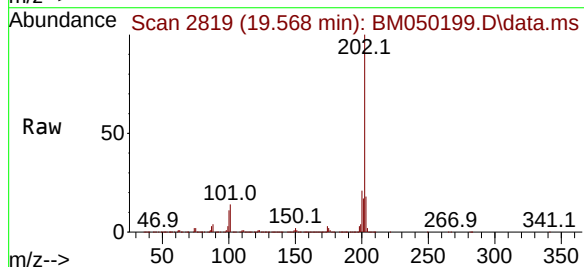
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

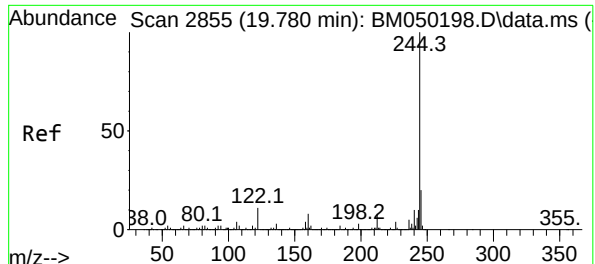
Tgt Ion:184 Resp: 2489372
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 9.0 13.4



#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

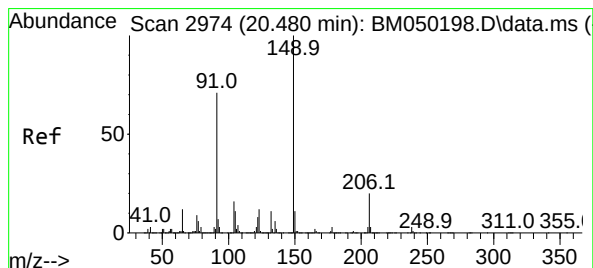
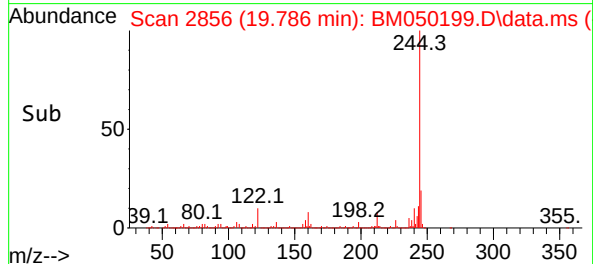
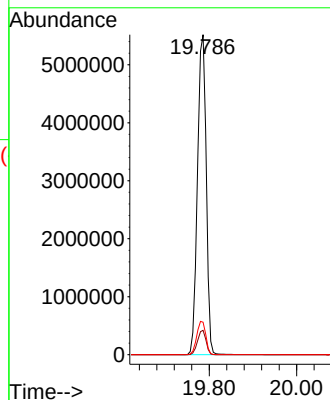
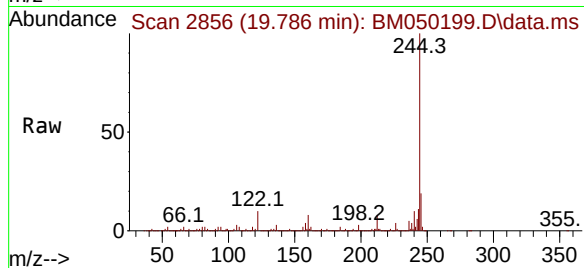




#79
Terphenyl-d14
Concen: 100.800 ng
RT: 19.786 min Scan# 2855
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

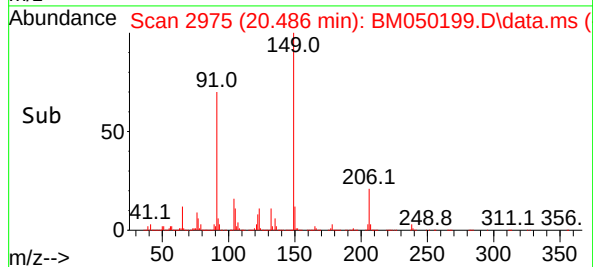
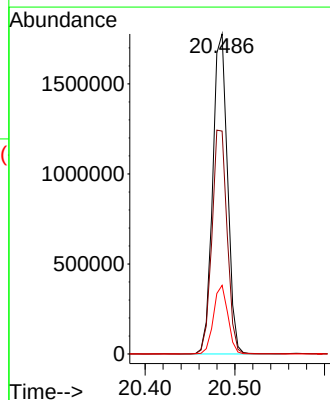
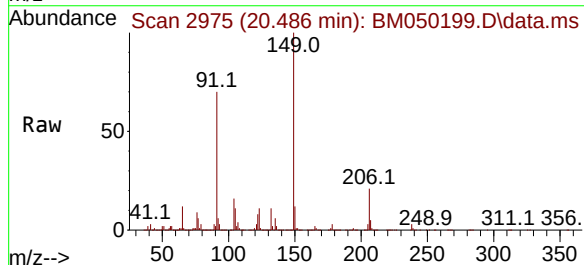
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

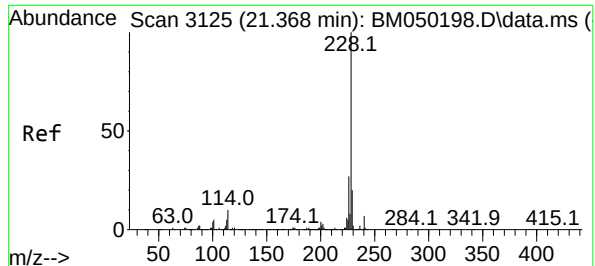
Tgt Ion:244 Resp: 7692376
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.2 8.6 12.8



#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

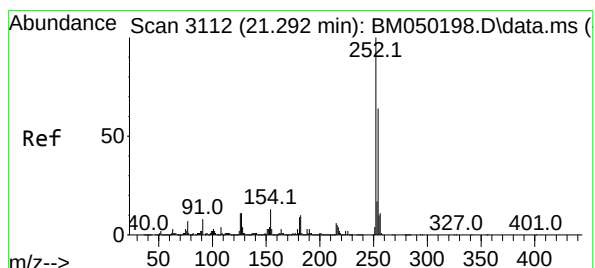
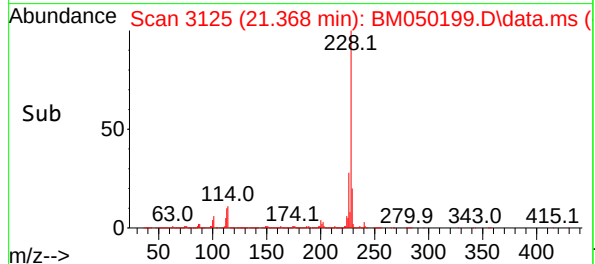
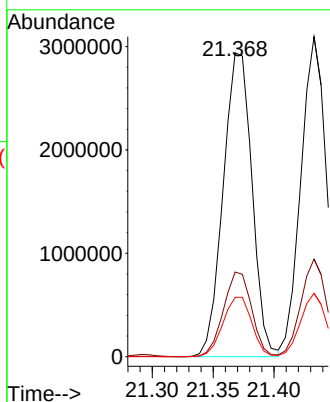
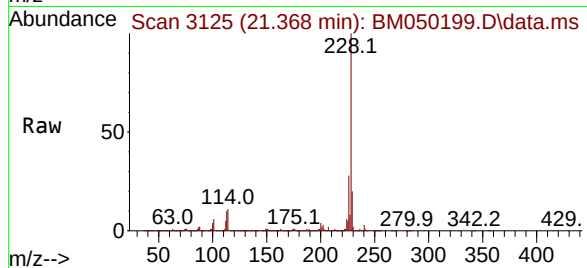




#81
Benzo(a)anthracene
Concen: 52.838 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

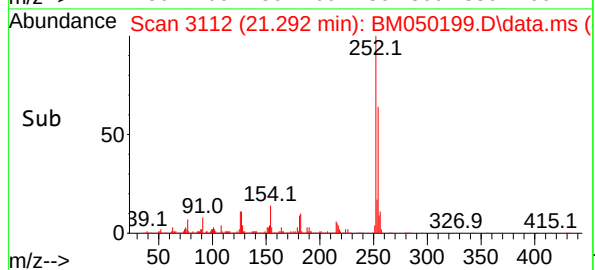
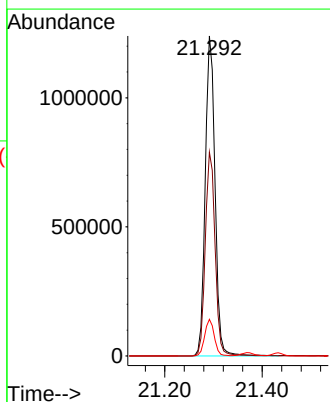
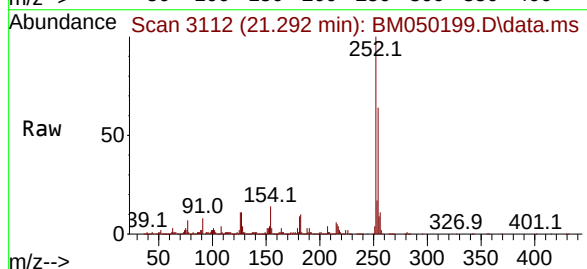
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

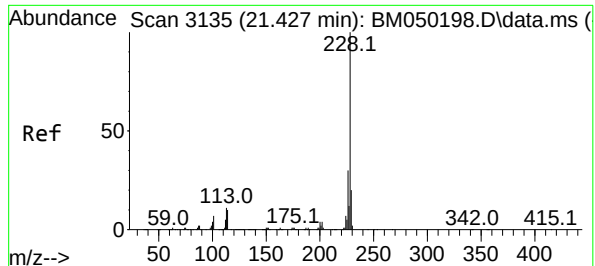
Tgt Ion:228 Resp: 4836514
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.5 15.7 23.5



#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

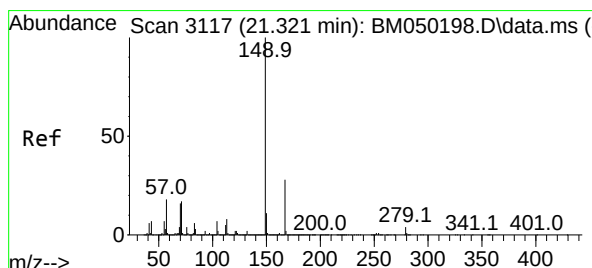
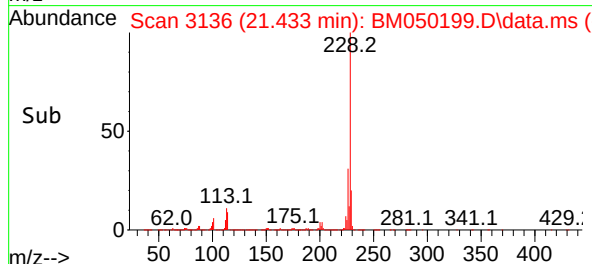
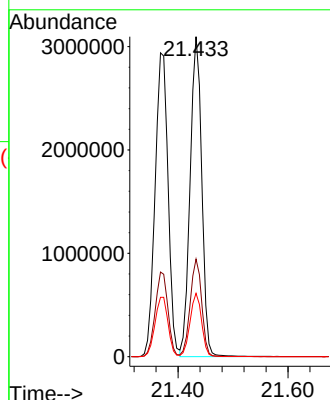
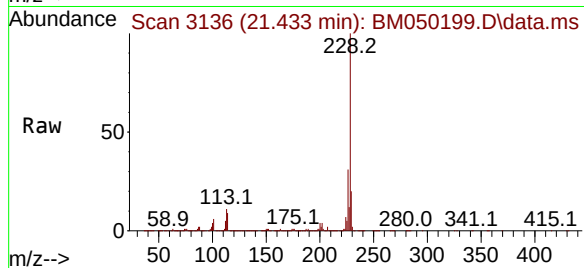
Tgt Ion:228 Resp: 4540308

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

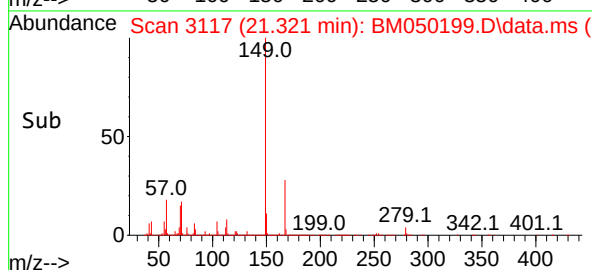
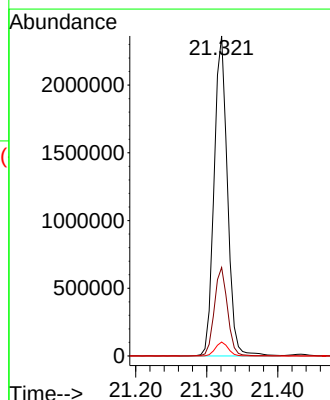
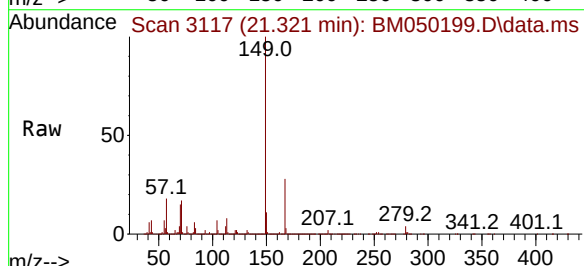
Tgt Ion:149 Resp: 3074950

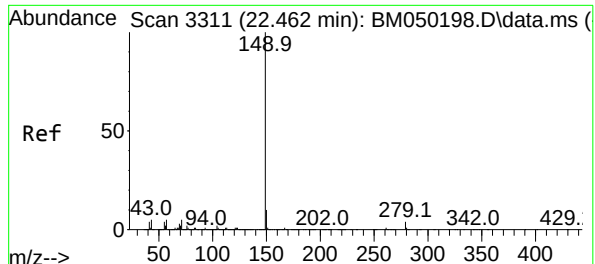
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.4 3.5 5.3

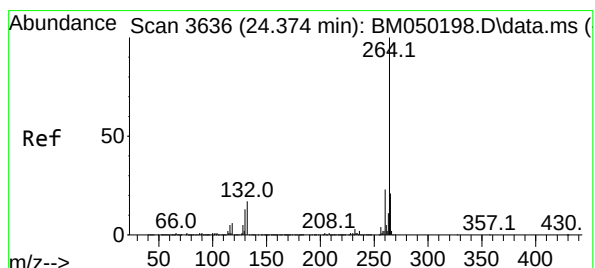
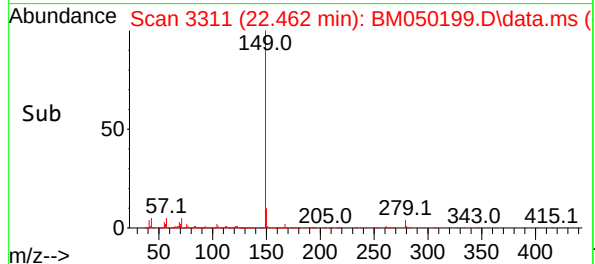
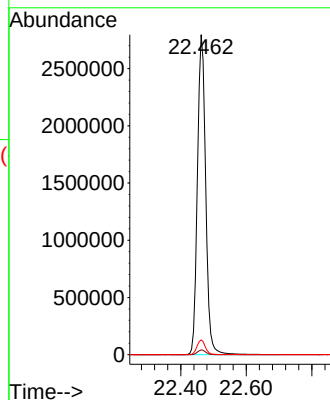
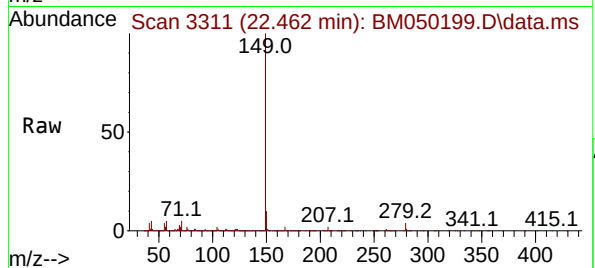




#85
Di-n-octyl phthalate
Concen: 66.103 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

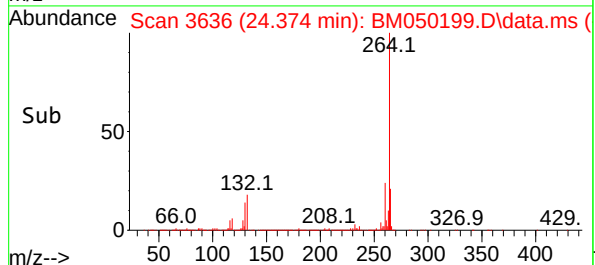
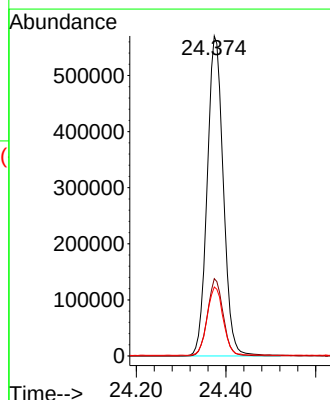
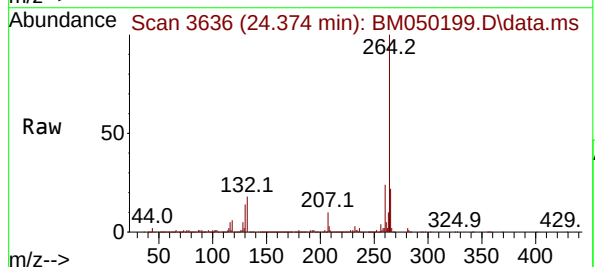
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

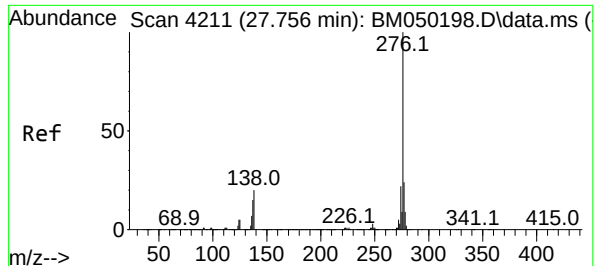
Tgt Ion:149 Resp: 4912405
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.7 3.8 5.8



#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

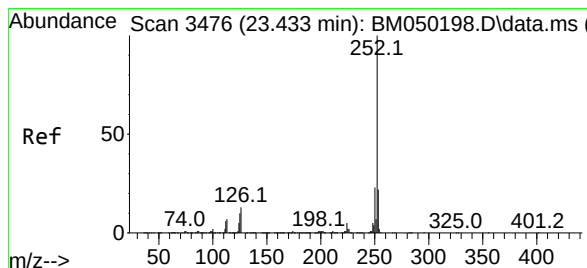
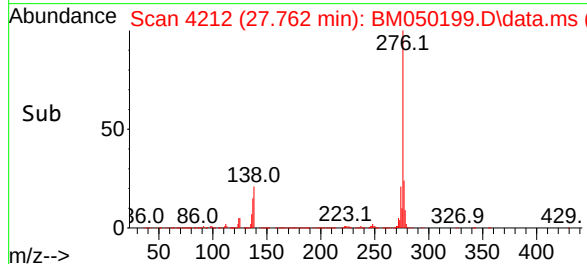
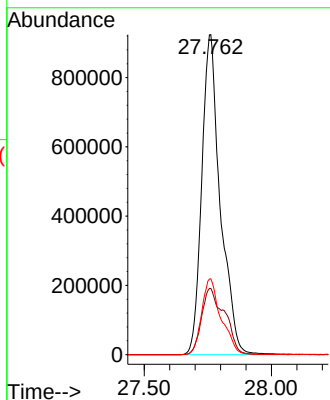
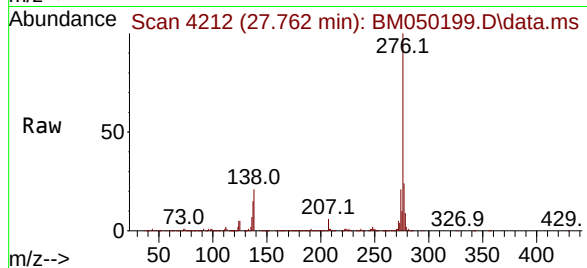




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.183 ng
RT: 27.762 min Scan# 4211
Delta R.T. 0.005 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

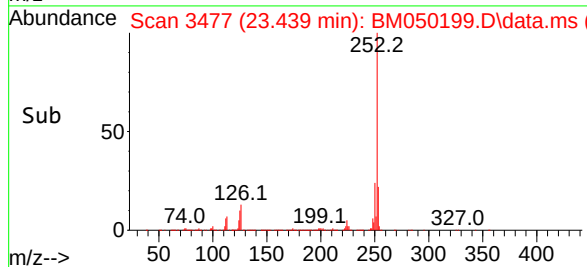
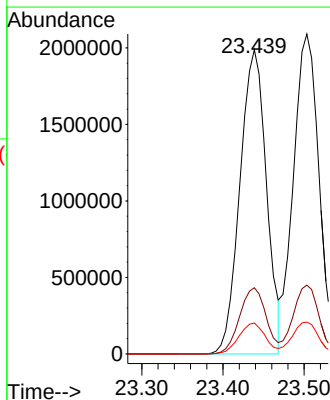
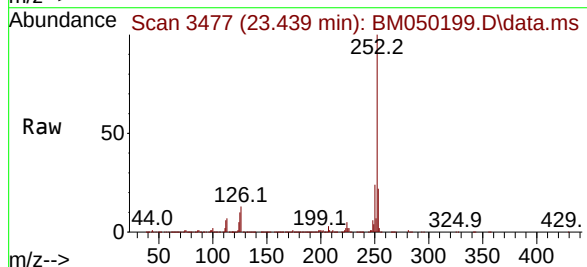
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

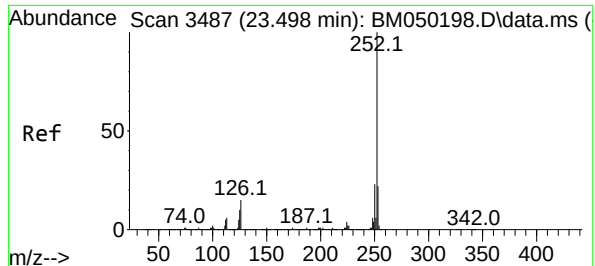
Tgt Ion:276 Resp: 4685372
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 24.8 19.8 29.6



#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

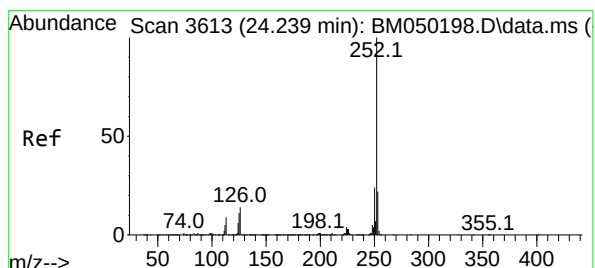
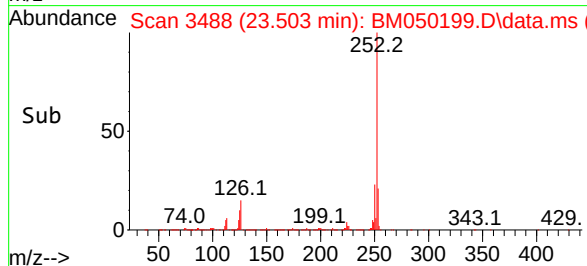
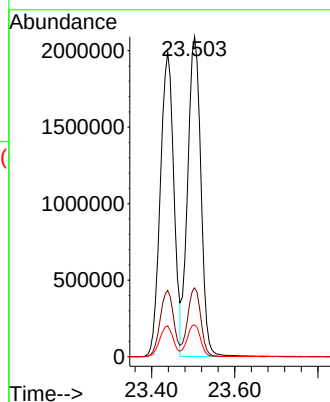
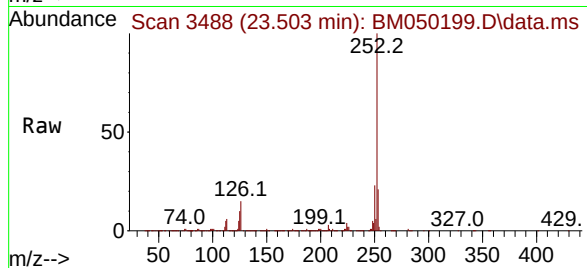
Tgt Ion:252 Resp: 4604565

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

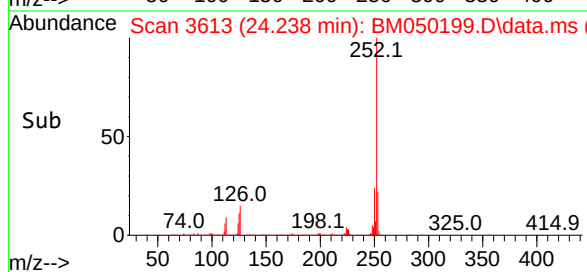
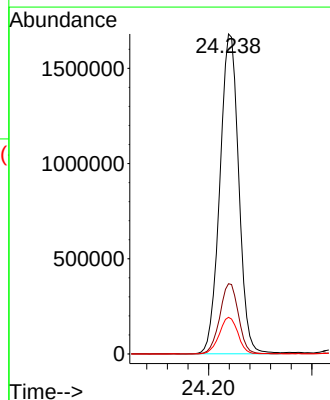
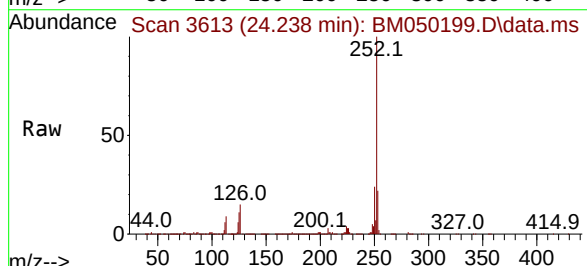
Tgt Ion:252 Resp: 4255236

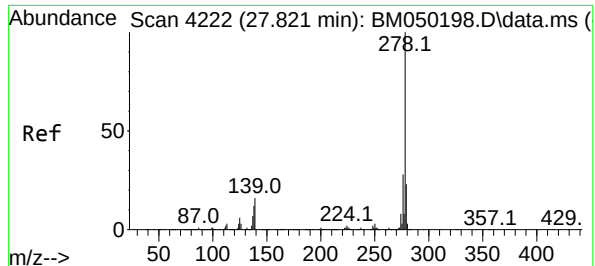
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 9.0 13.4

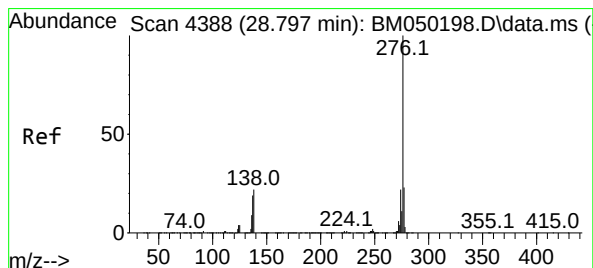
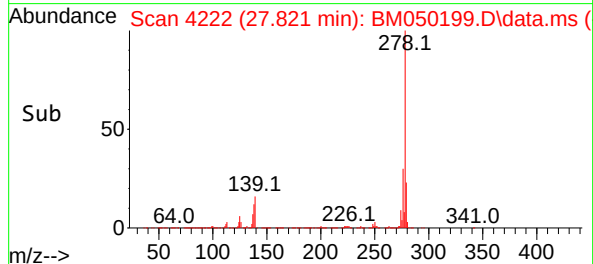
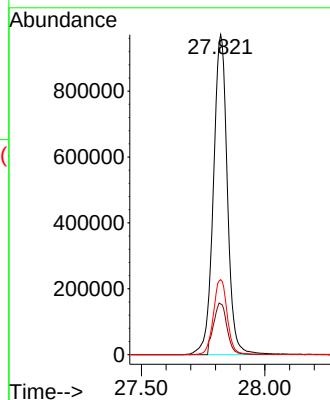
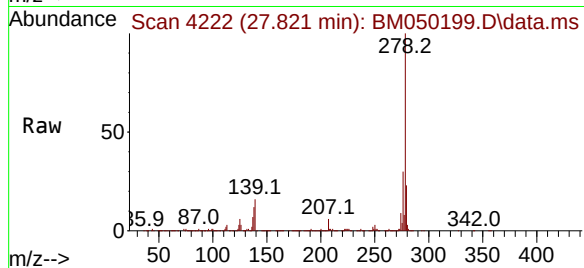




#91
Dibenzo(a,h)anthracene
Concen: 51.410 ng
RT: 27.821 min Scan# 4389
Delta R.T. -0.000 min
Lab File: BM050199.D
Acq: 05 Jun 2025 12:36

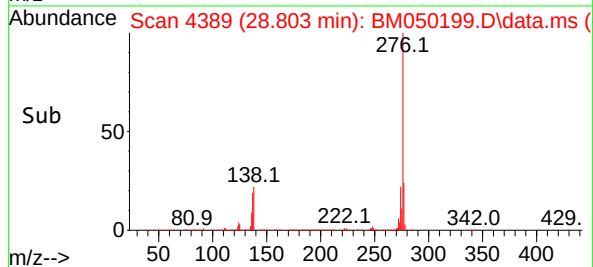
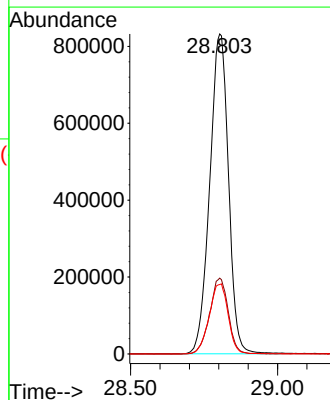
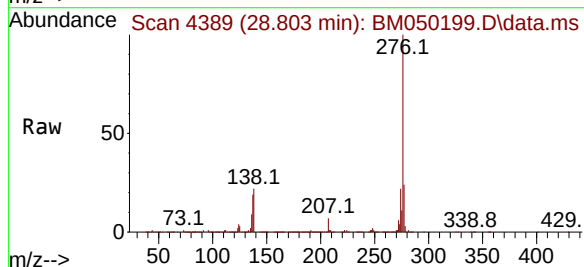
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

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\
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 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

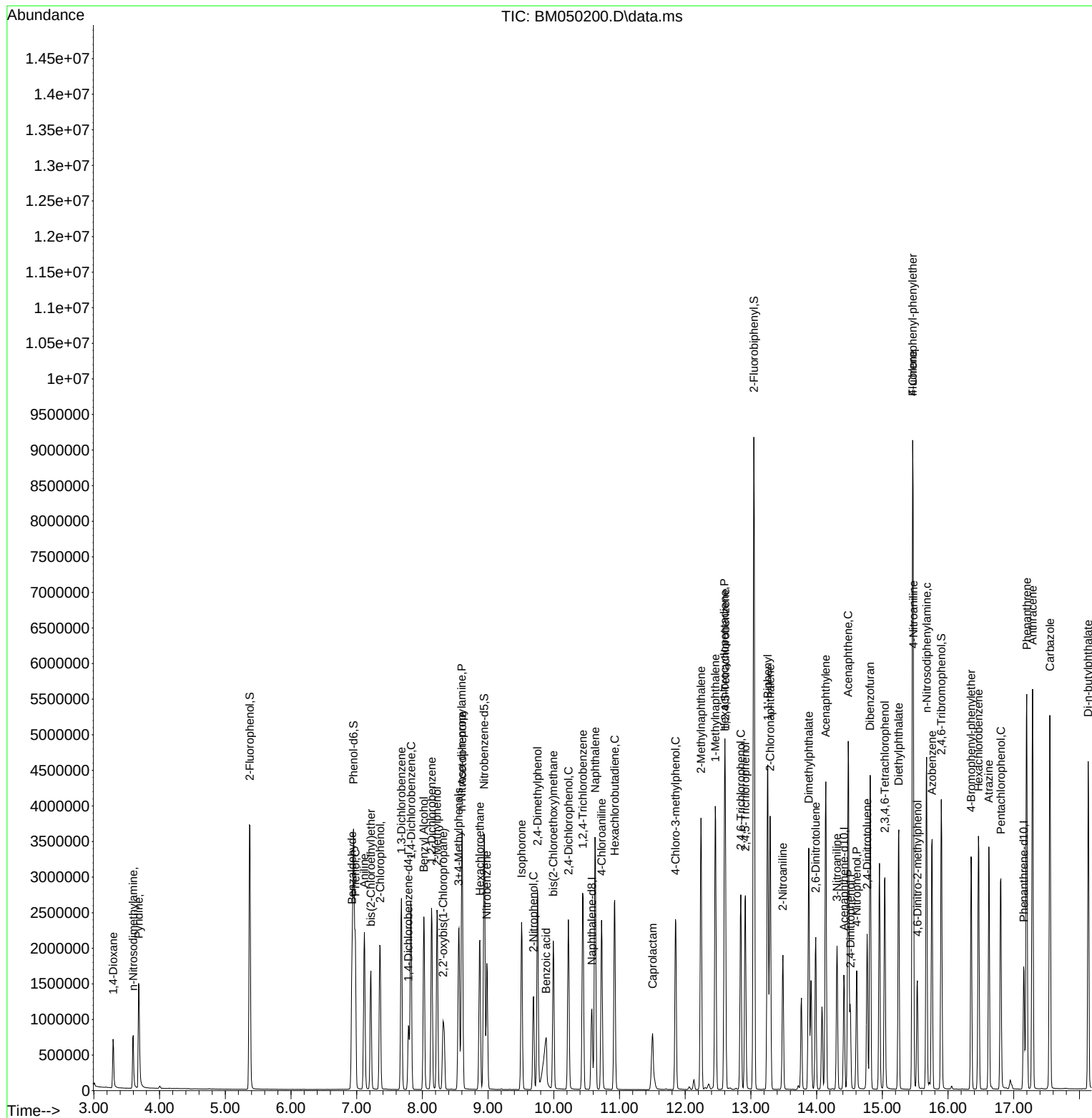
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	730617	63.531	ng	98
46) 1,1'-Biphenyl	13.257	154	2494729	60.402	ng	100
47) 2-Chloronaphthalene	13.292	162	1947861	60.663	ng	100
48) 2-Nitroaniline	13.486	65	479127	67.806	ng	98
49) Acenaphthylene	14.139	152	3183780	61.302	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

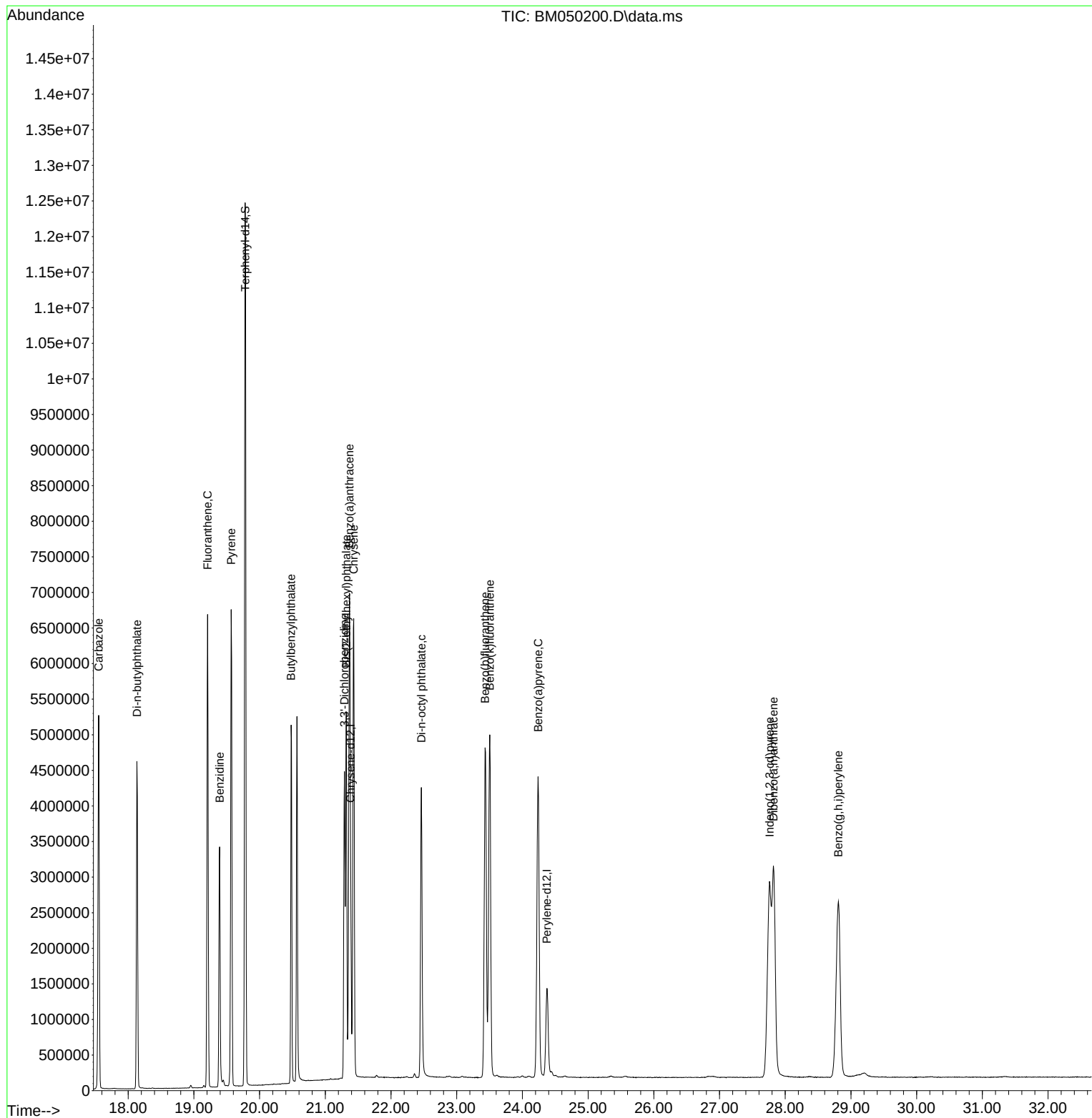
Quant Time: Jun 05 14:59:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 14:55:18 2025
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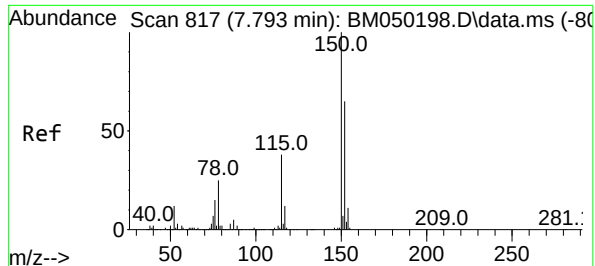


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Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
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Instrument :
BNA_M
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Quant Time: Jun 05 14:59:27 2025
Quant 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

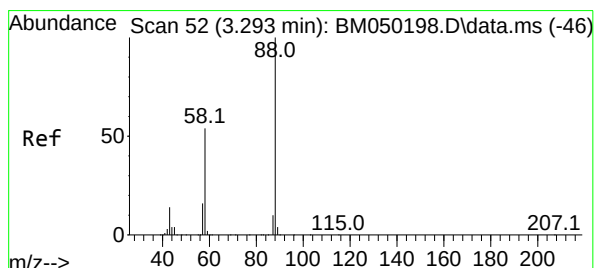
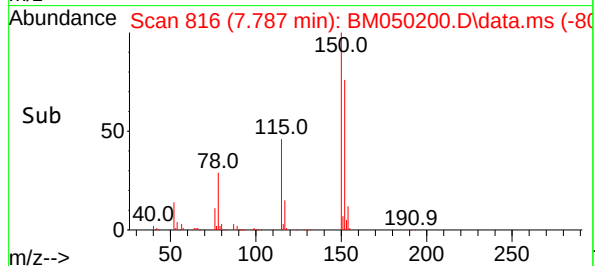
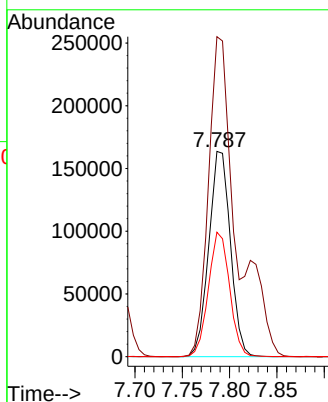
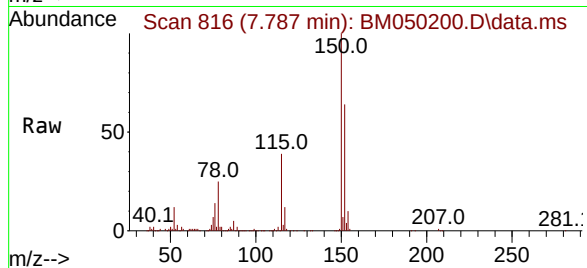




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

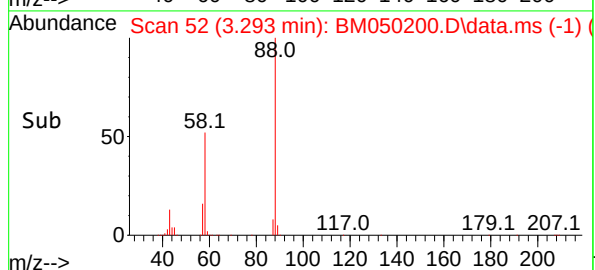
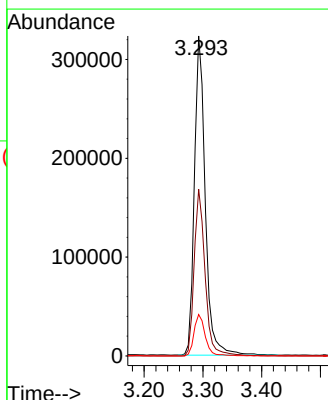
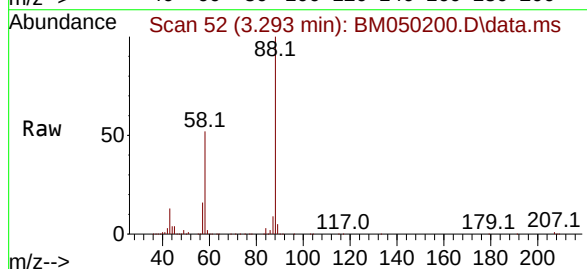
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BNA_M
ClientSampleId :
SSTDICC060

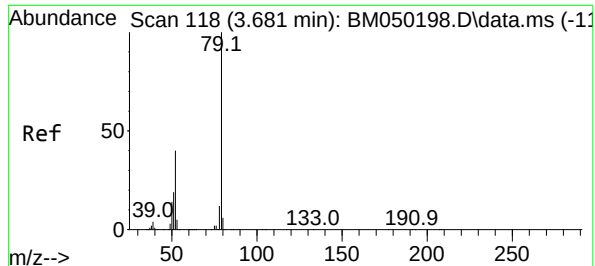
Tgt Ion:152 Resp: 258988
Ion Ratio Lower Upper
152 100
150 155.9 122.2 183.4
115 60.6 46.3 69.5



#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

Instrument :

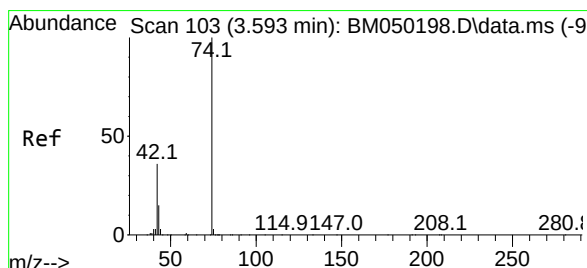
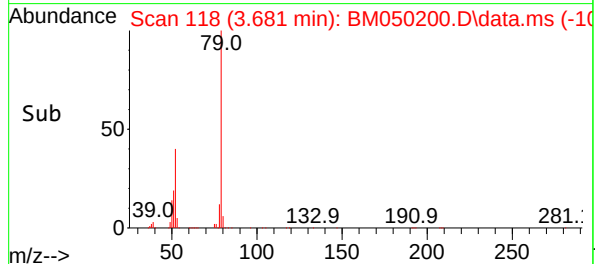
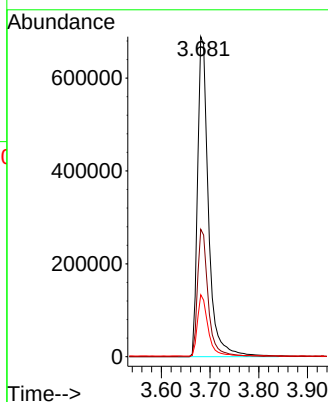
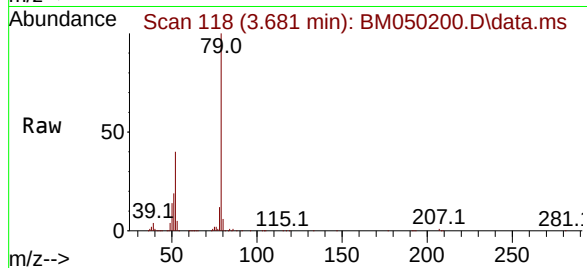
BNA_M

ClientSampleId :

SSTDICC060

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

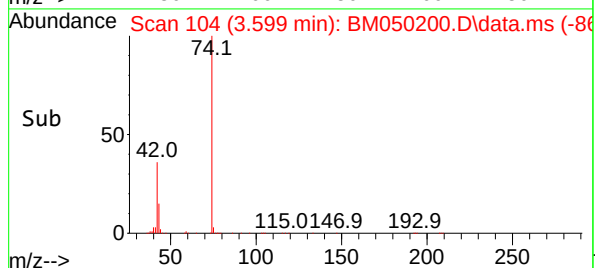
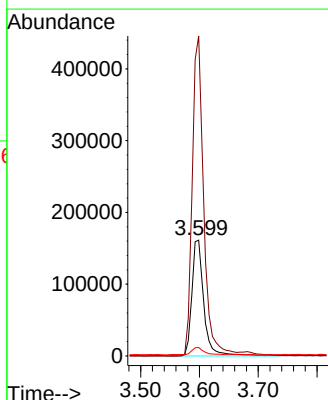
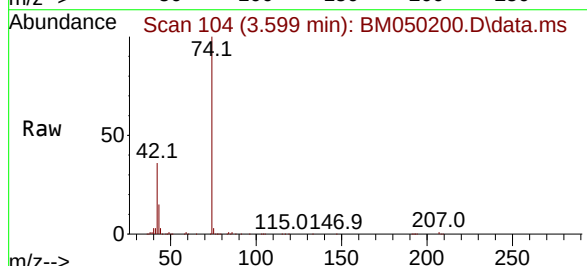
Delta R.T. 0.005 min

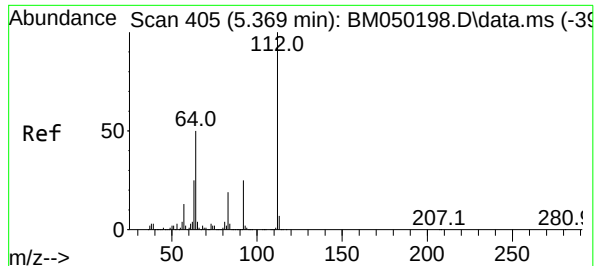
Lab File: BM050200.D

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

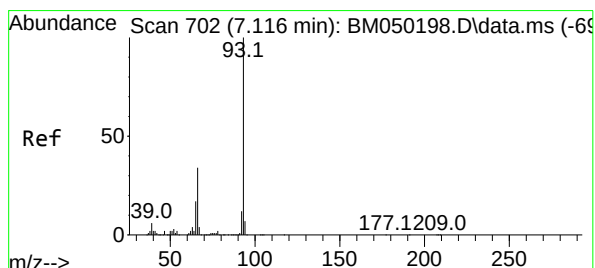
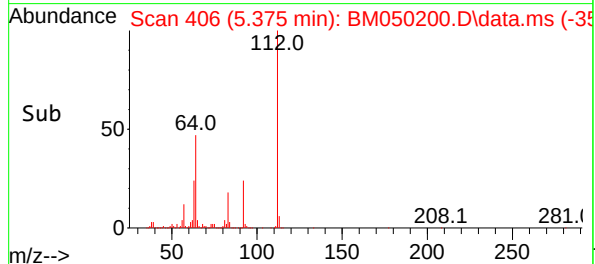
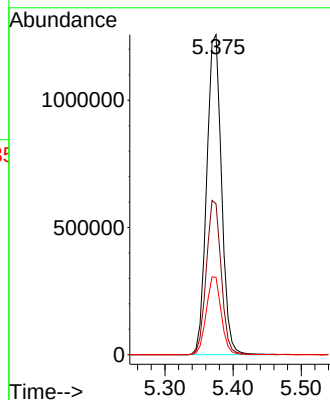
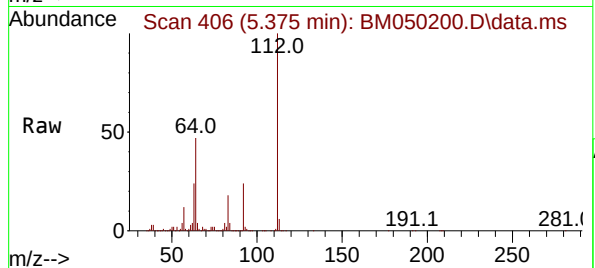




#5
2-Fluorophenol
Concen: 122.462 ng
RT: 5.375 min Scan# 405
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

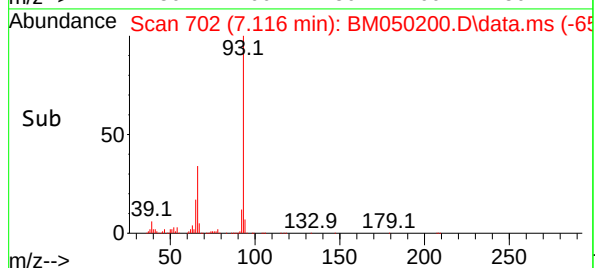
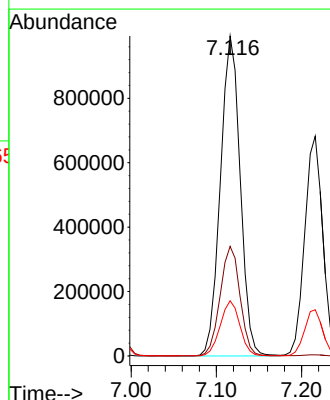
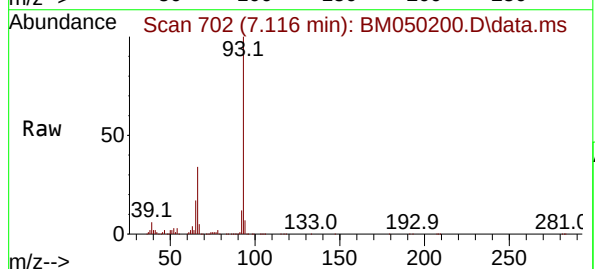
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

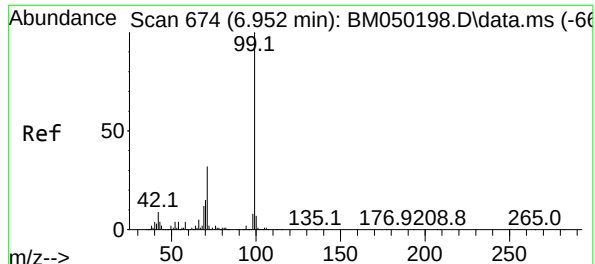
Tgt Ion:112 Resp: 1901282
Ion Ratio Lower Upper
112 100
64 47.1 39.8 59.6
63 24.2 19.8 29.8



#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

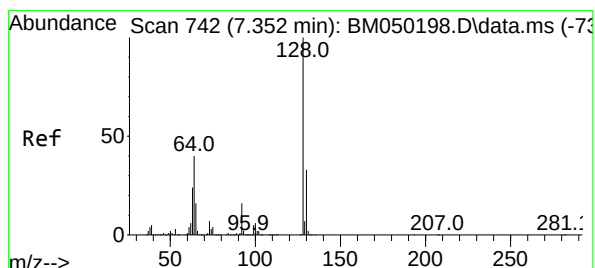
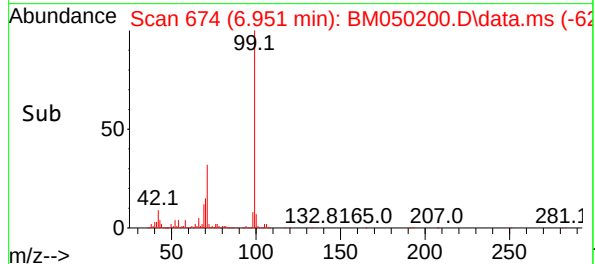
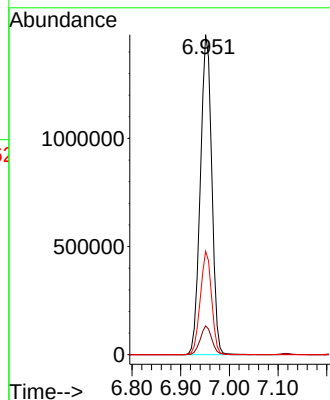
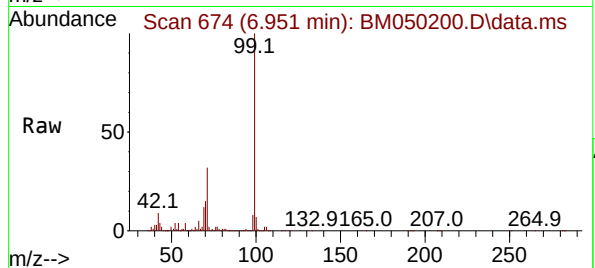




#7
Phenol-d6
Concen: 118.624 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

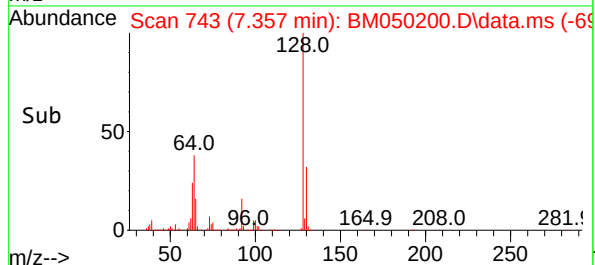
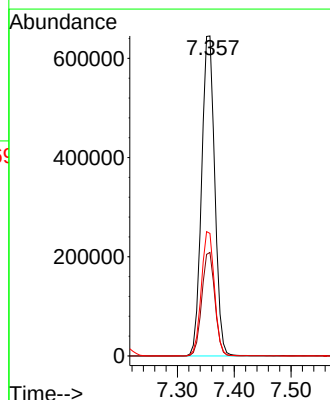
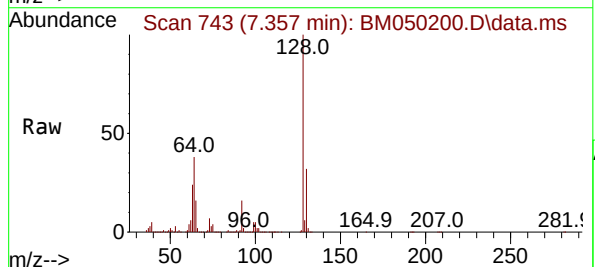
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BNA_M
ClientSampleId :
SSTDICC060

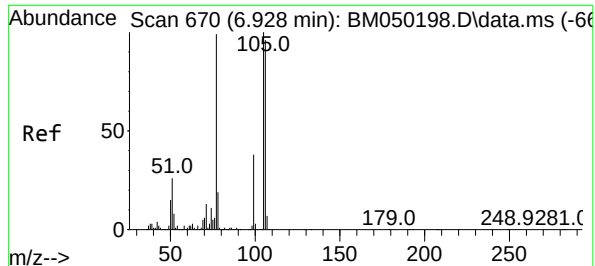
Tgt Ion: 99 Resp: 2424424
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.3 25.3 37.9



#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

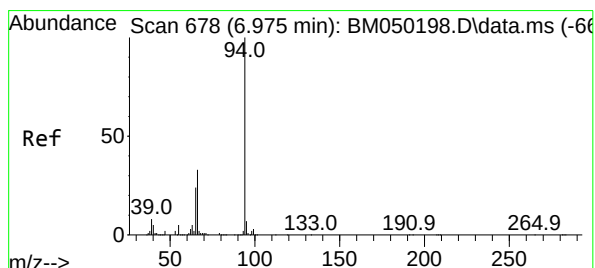
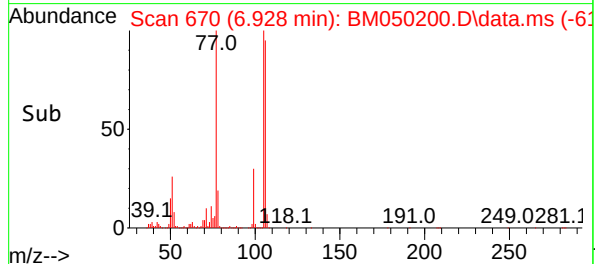
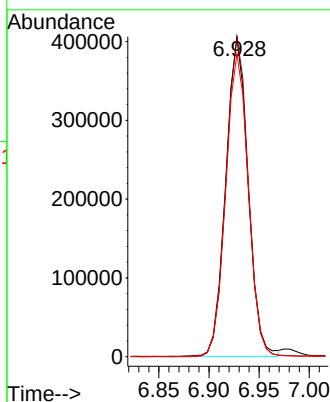
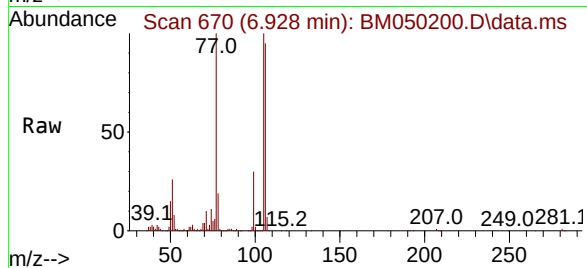




#9
Benzaldehyde
Concen: 48.050 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

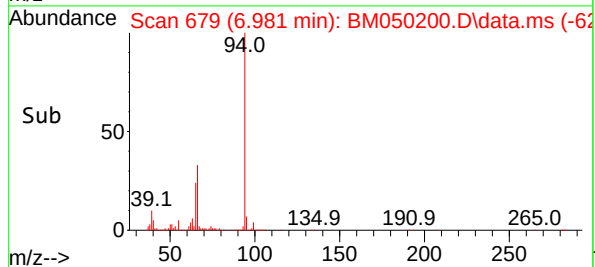
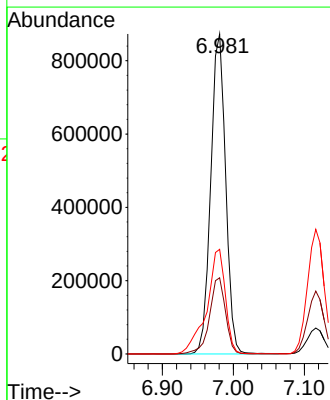
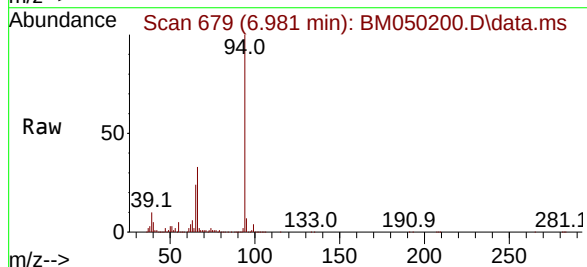
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

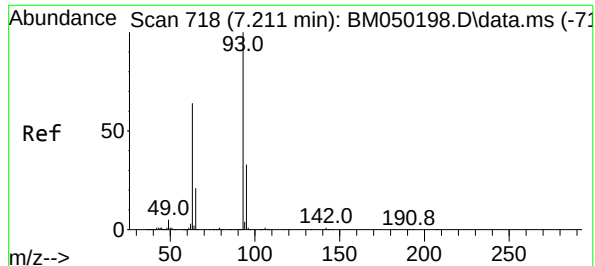
Tgt Ion: 77 Resp: 624366
Ion Ratio Lower Upper
77 100
105 100.4 80.9 120.9
106 95.0 77.1 117.1



#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

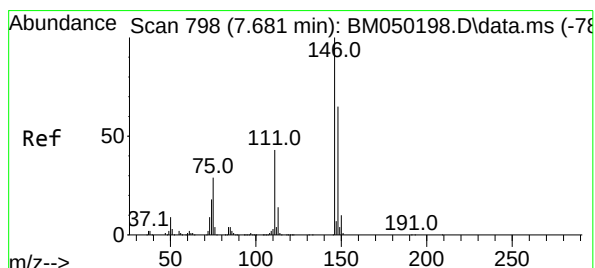
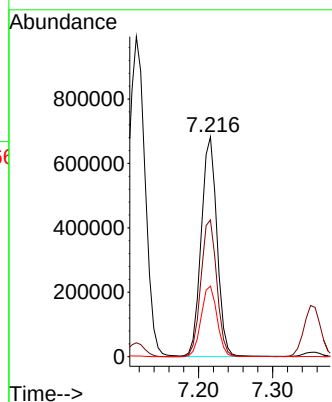
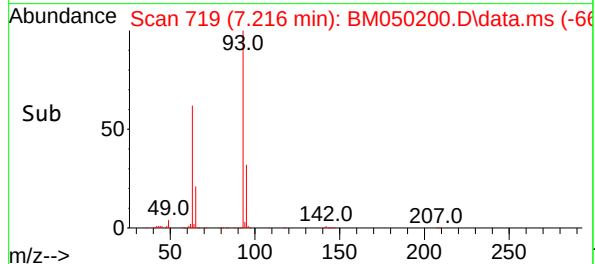
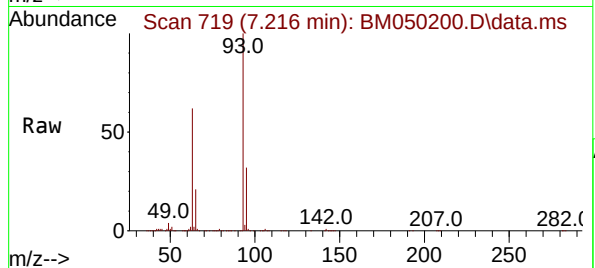




#11
bis(2-Chloroethyl)ether
Concen: 57.865 ng
RT: 7.216 min Scan# 718
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

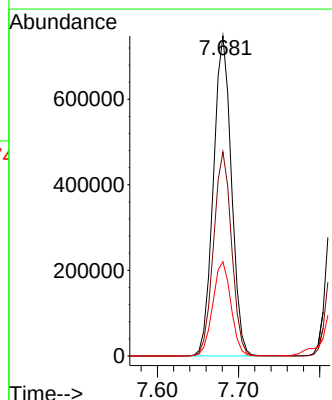
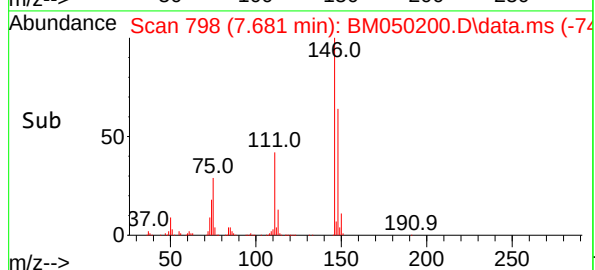
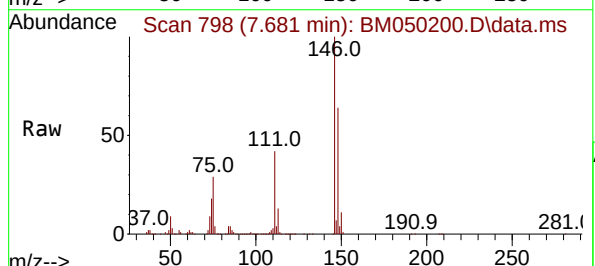
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

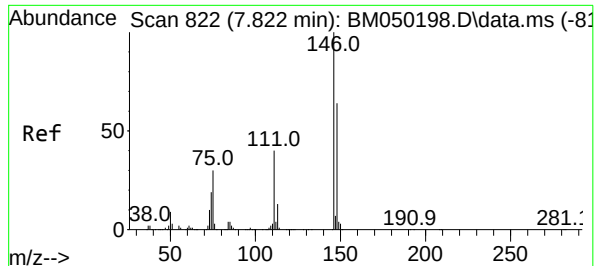
Tgt Ion: 93 Resp: 1006488
Ion Ratio Lower Upper
93 100
63 62.2 43.9 83.9
95 32.1 12.7 52.7



#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# 822

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

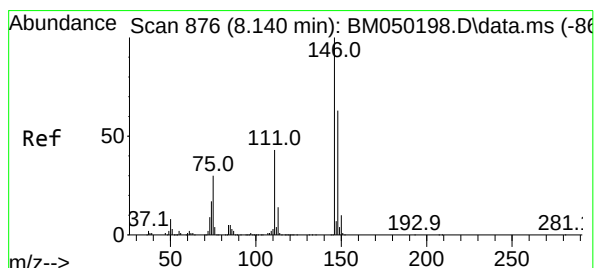
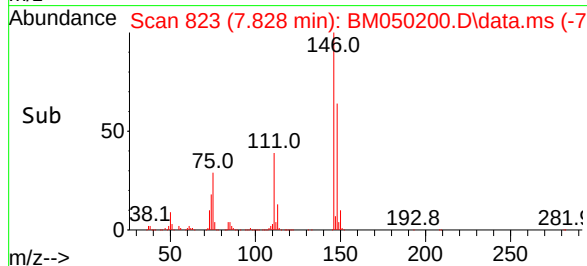
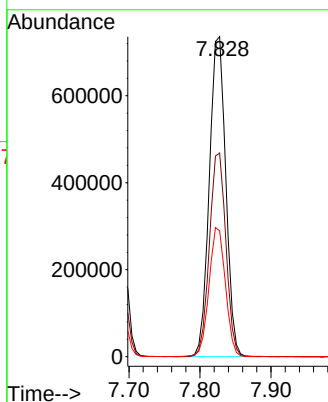
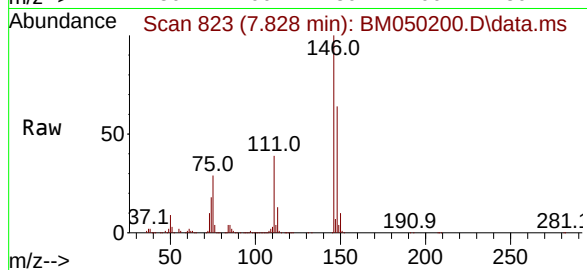
Tgt Ion:146 Resp: 1184887

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

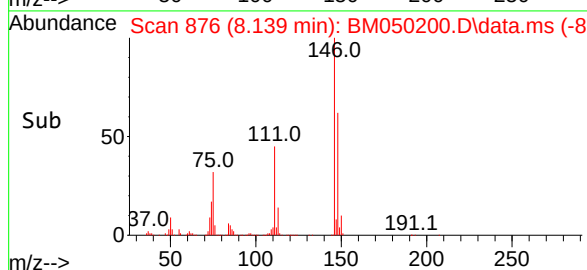
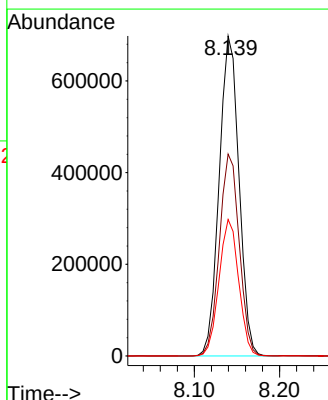
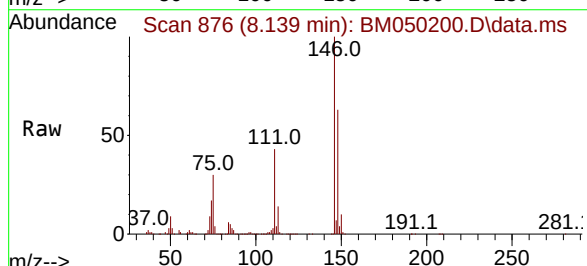
Tgt Ion:146 Resp: 1126847

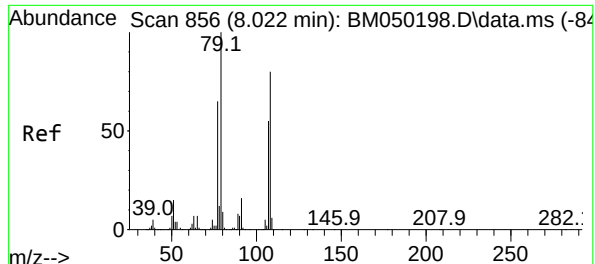
Ion Ratio Lower Upper

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 :

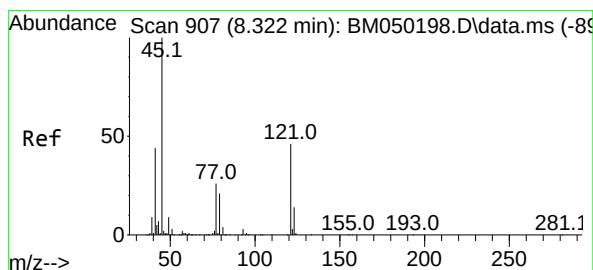
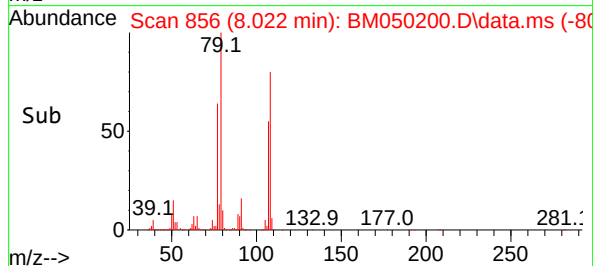
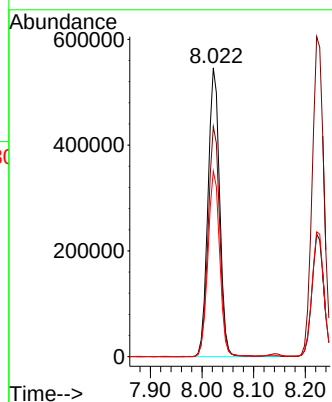
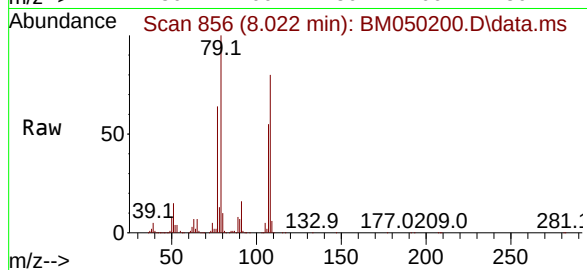
BNA_M

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

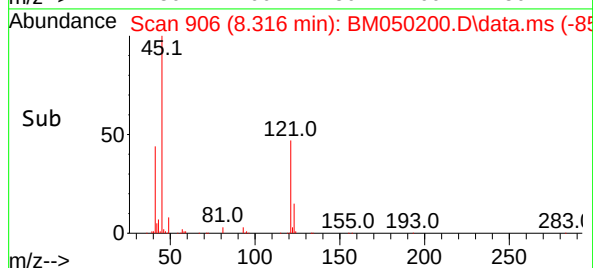
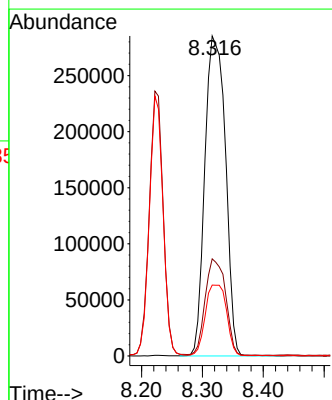
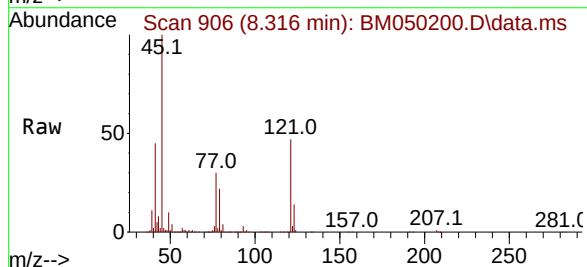
Delta R.T. -0.006 min

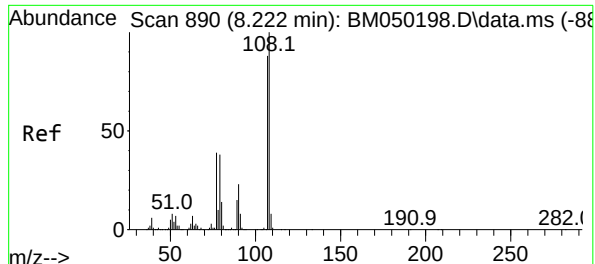
Lab File: BM050200.D

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

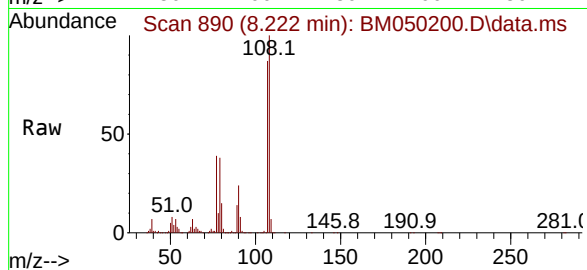
Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

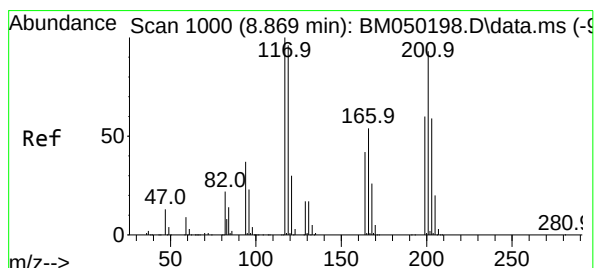
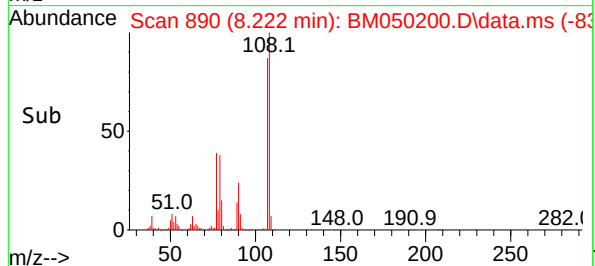
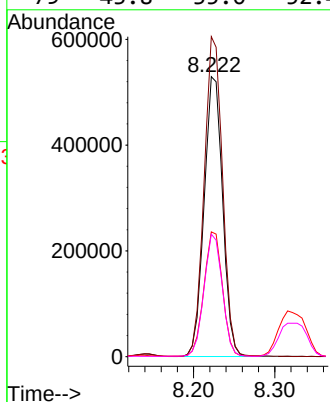
ClientSampleId :

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

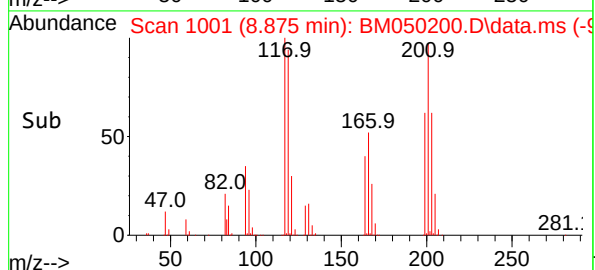
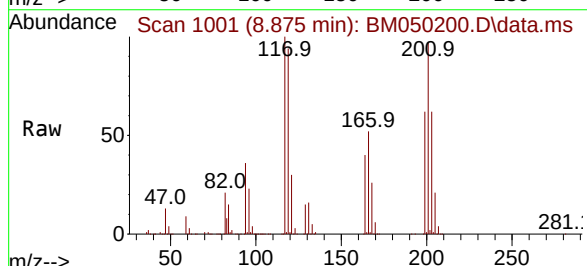
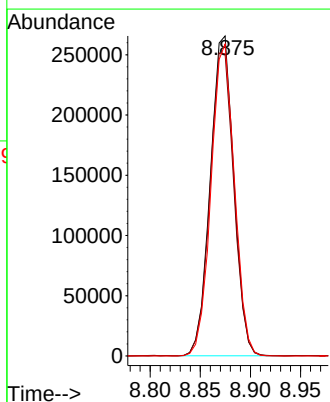
Delta R.T. 0.005 min

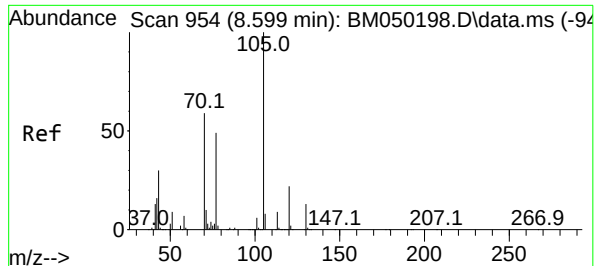
Lab File: BM050200.D

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

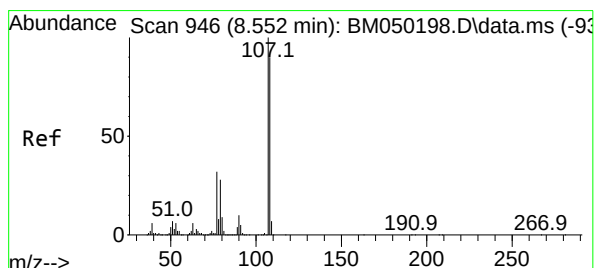
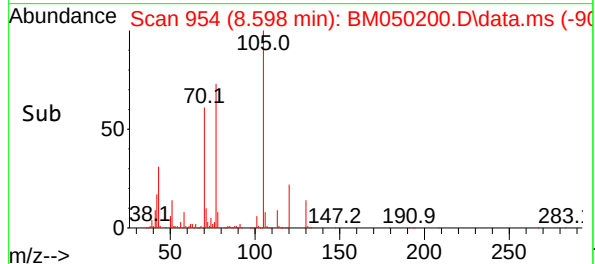
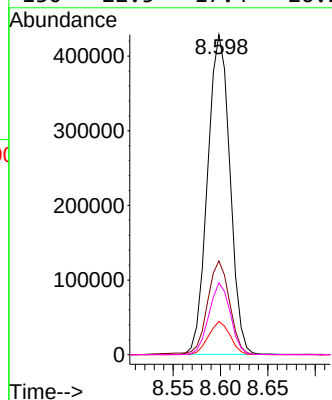
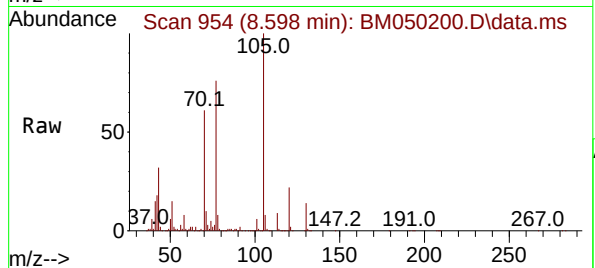




#19
n-Nitroso-di-n-propylamine
Concen: 56.257 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

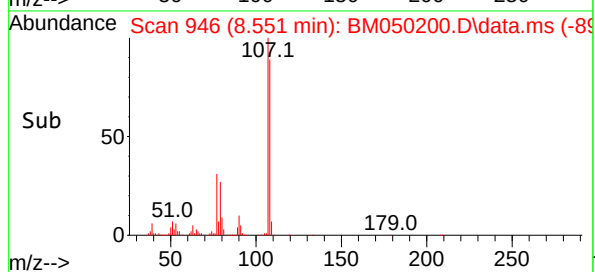
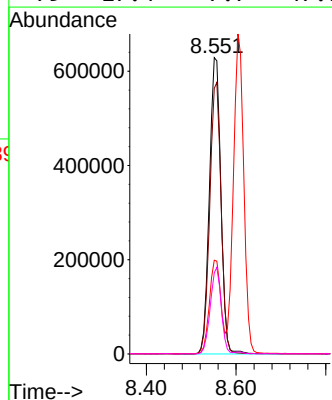
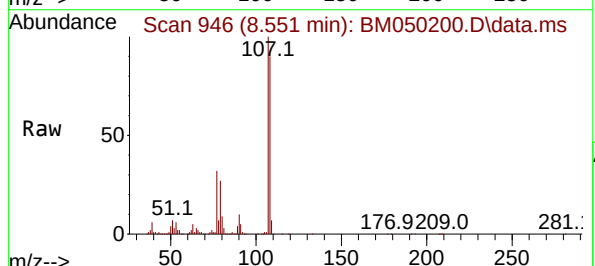
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

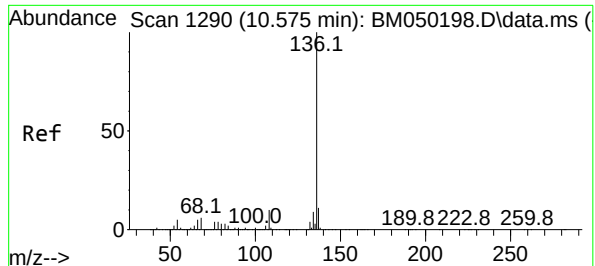
Tgt Ion: 70 Resp: 703599
Ion Ratio Lower Upper
70 100
42 29.3 22.6 33.8
101 10.4 8.3 12.5
130 22.5 17.4 26.2



#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

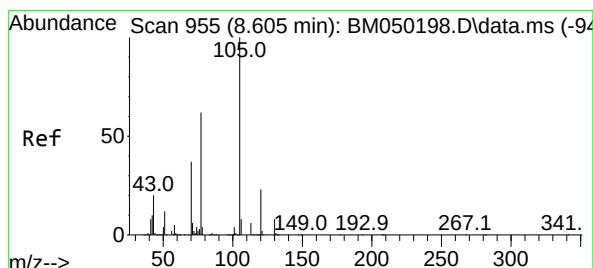
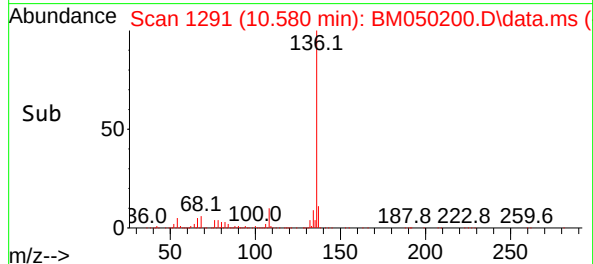
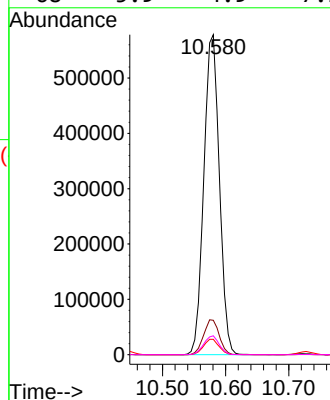
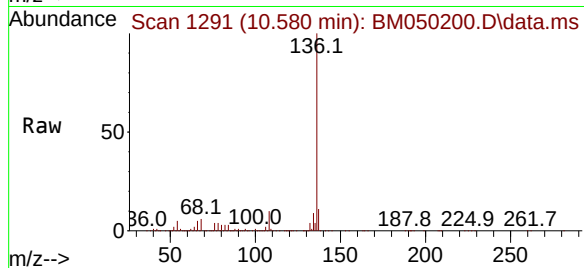
Ion Ratio Lower Upper

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

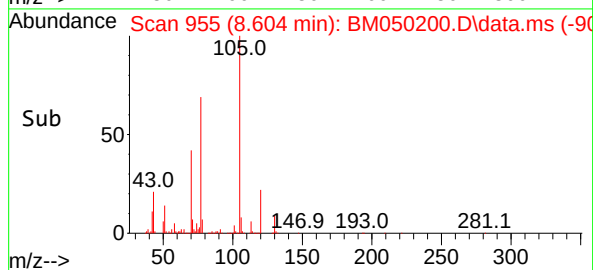
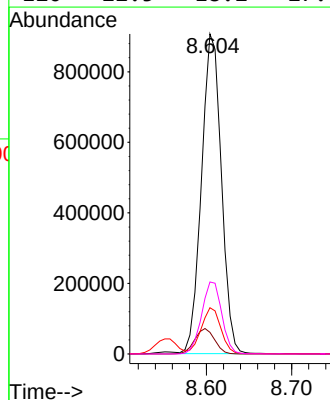
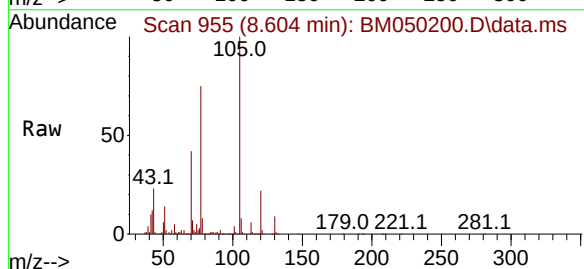
Ion Ratio Lower Upper

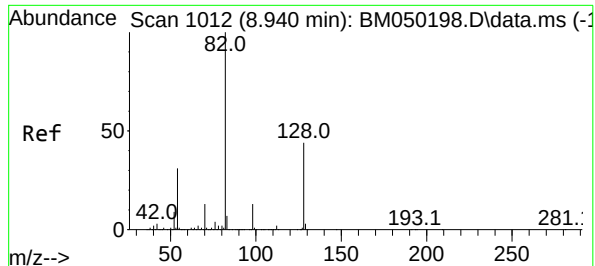
105 100

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 :

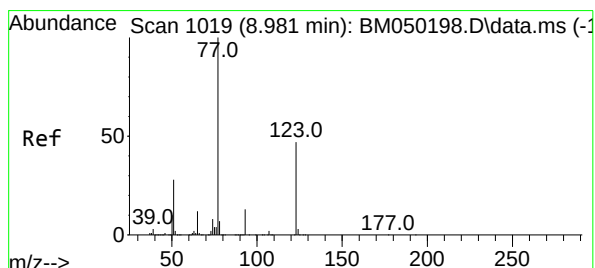
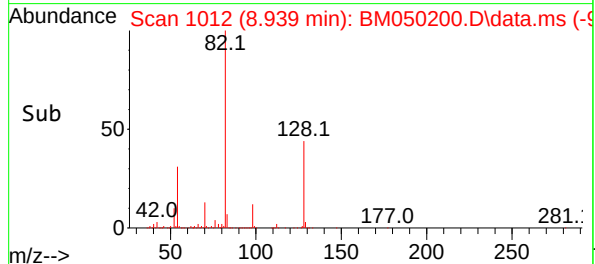
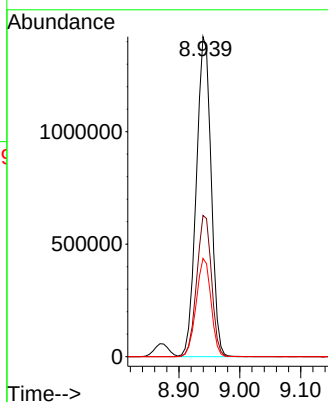
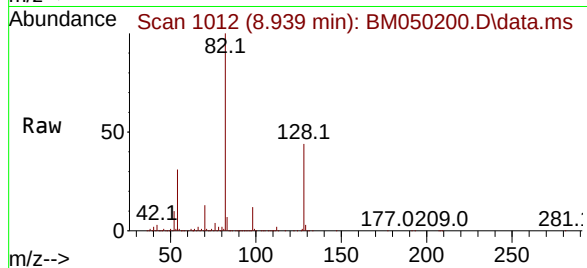
BNA_M

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

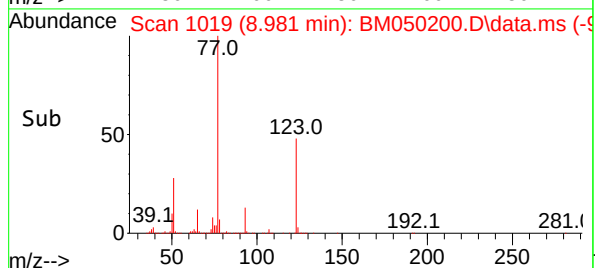
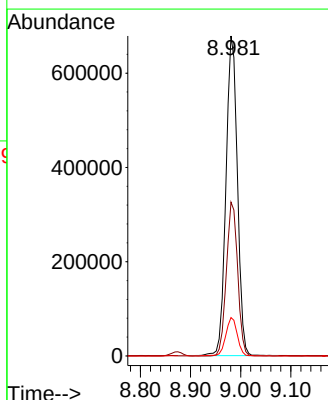
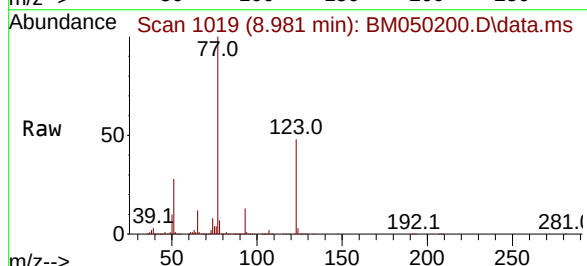
Delta R.T. -0.000 min

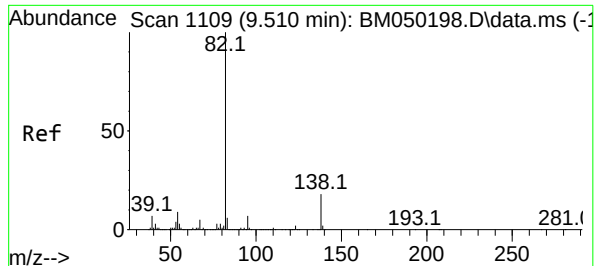
Lab File: BM050200.D

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

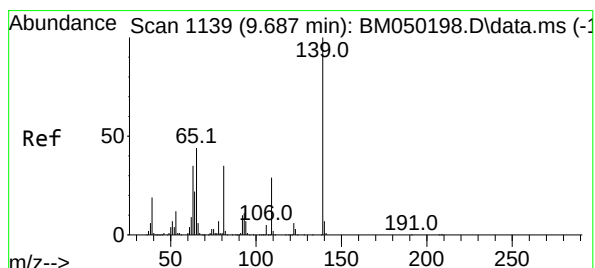
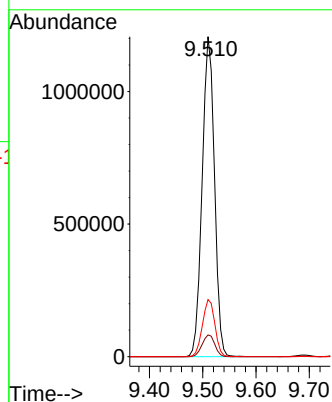
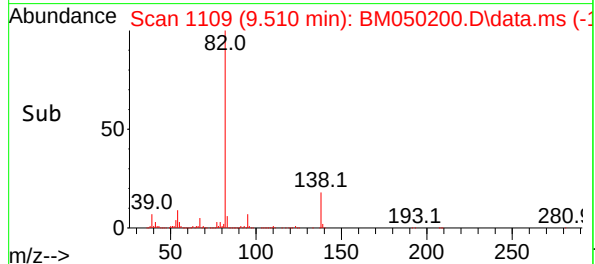
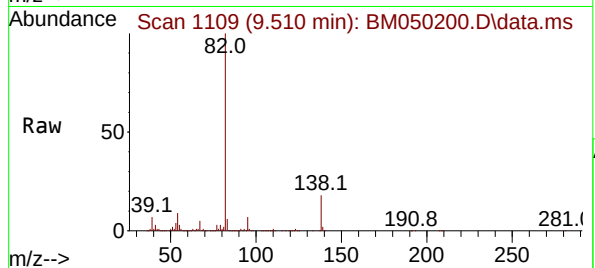




#25
Isophorone
Concen: 58.984 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

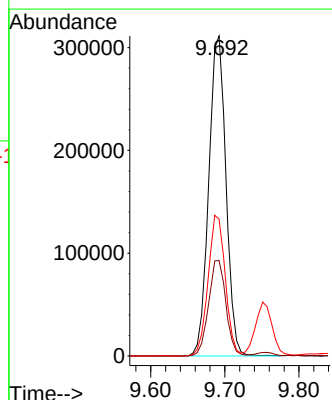
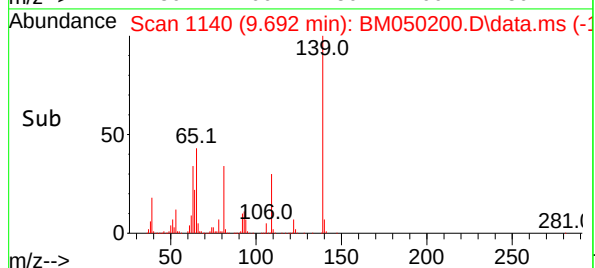
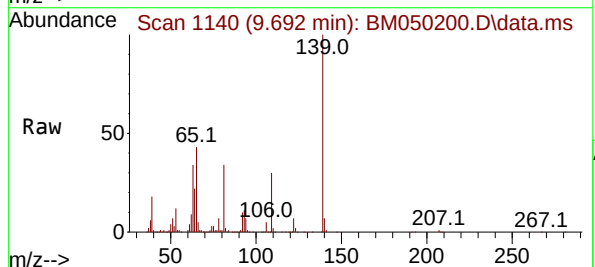
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

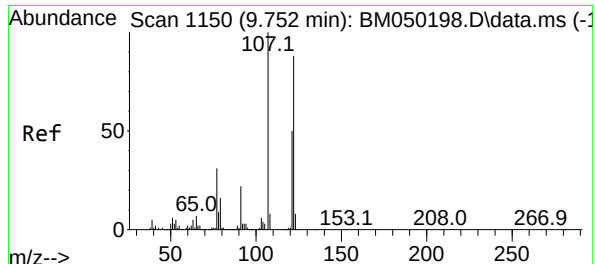
Tgt Ion: 82 Resp: 1934777
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 17.8 14.2 21.2



#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

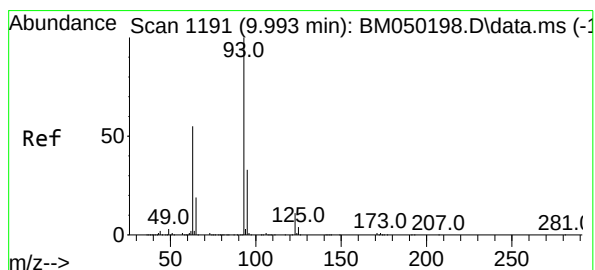
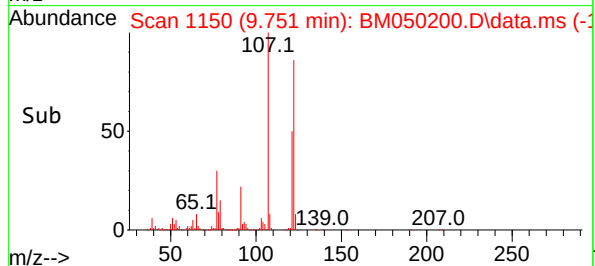
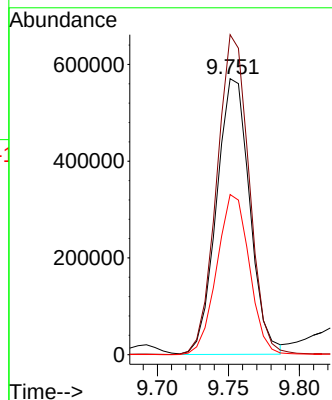
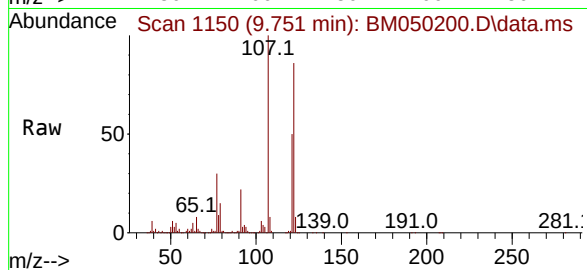
Tgt Ion:122 Resp: 927674

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

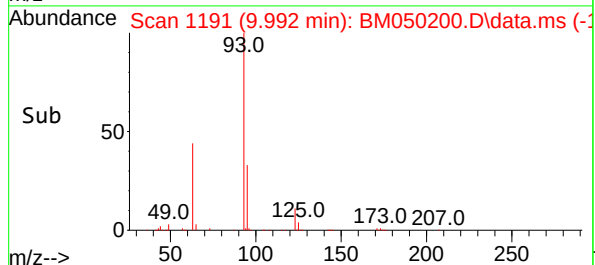
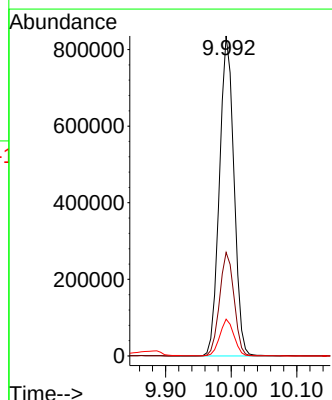
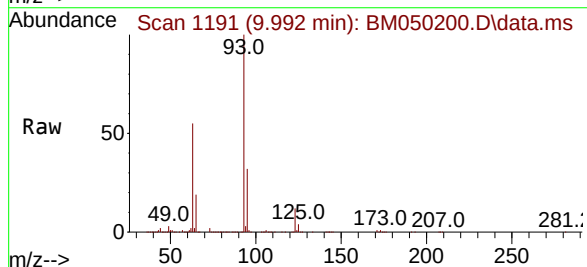
Tgt Ion: 93 Resp: 1280678

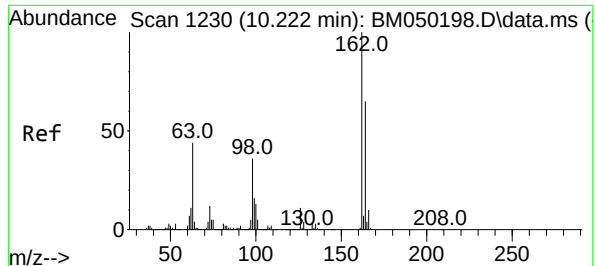
Ion Ratio Lower Upper

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

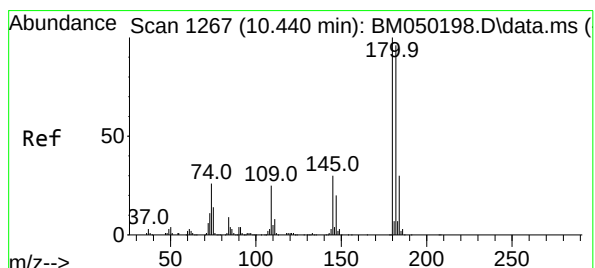
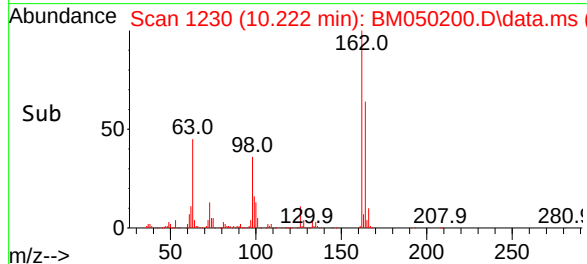
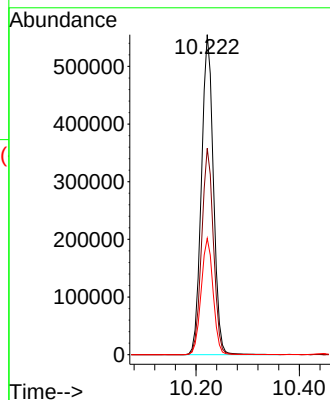
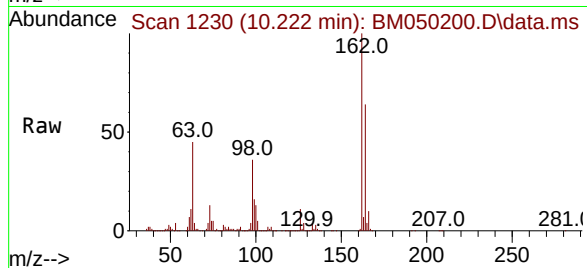
Tgt Ion:162 Resp: 889620

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

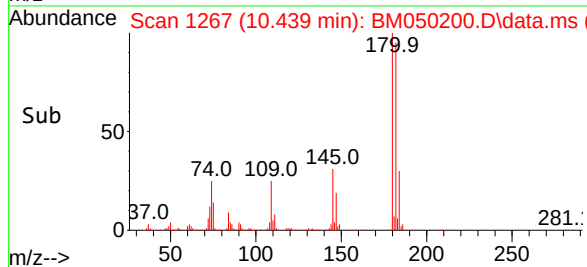
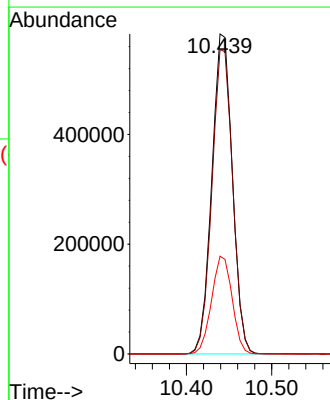
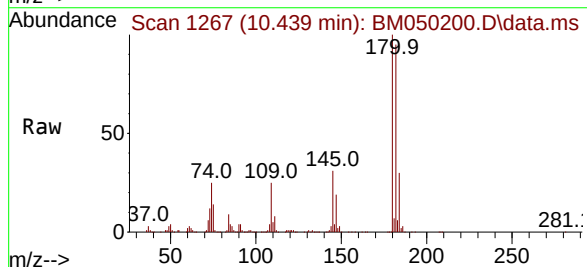
Tgt Ion:180 Resp: 977963

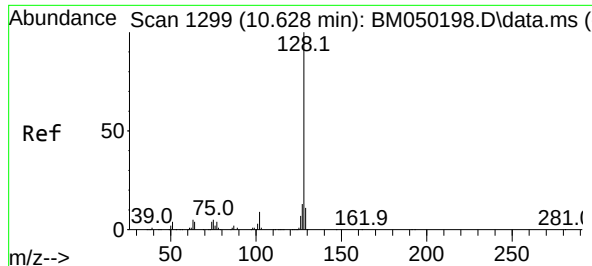
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.5 24.2 36.4

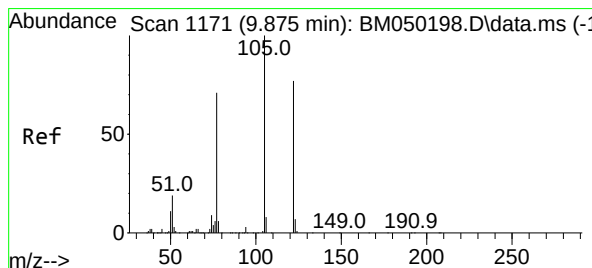
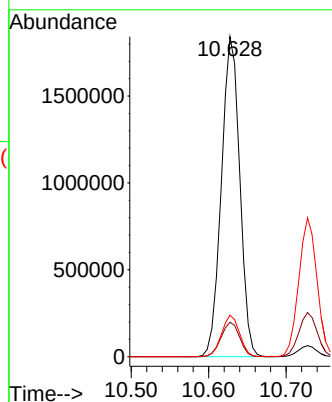
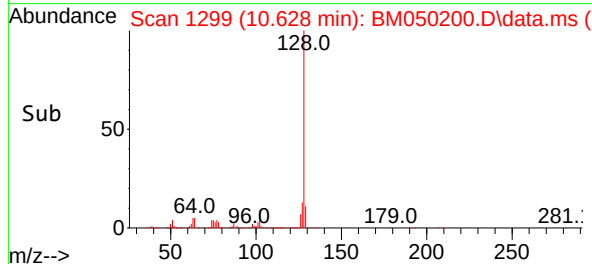
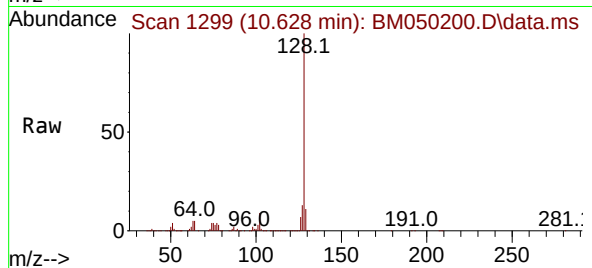




#31
Naphthalene
Concen: 59.457 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

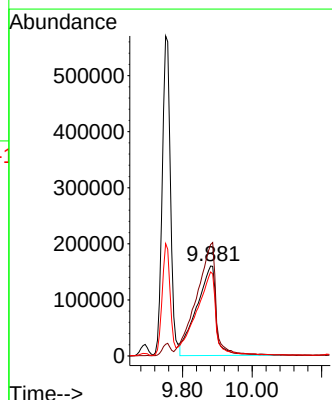
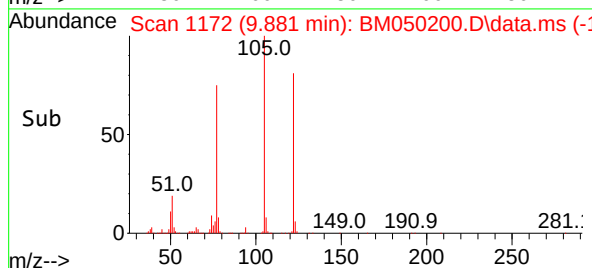
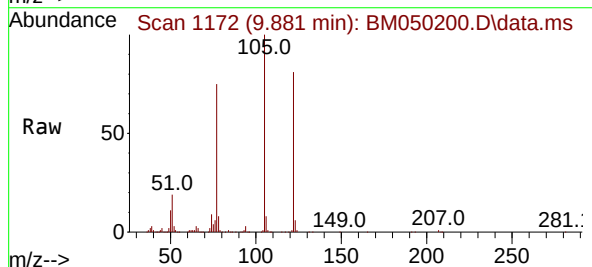
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

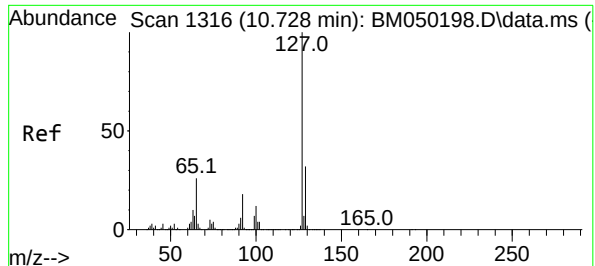
Tgt Ion:128 Resp: 3038415
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.2 15.4



#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



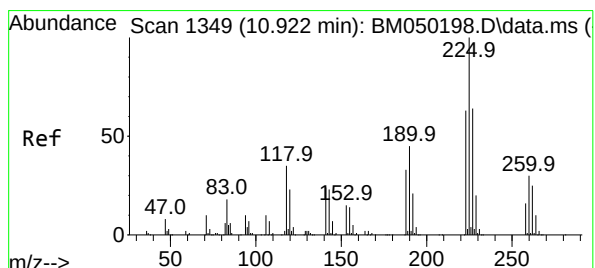
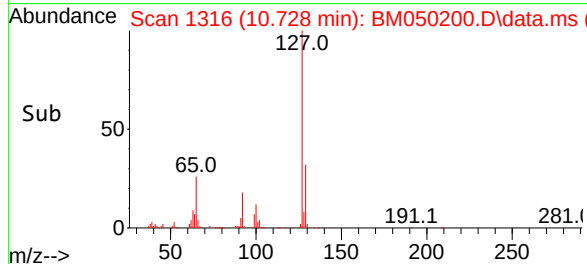
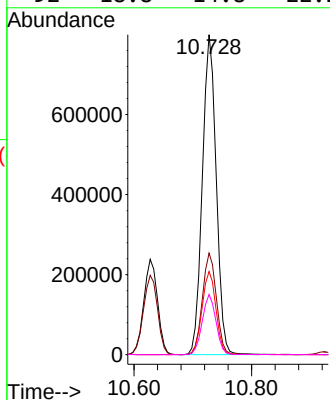
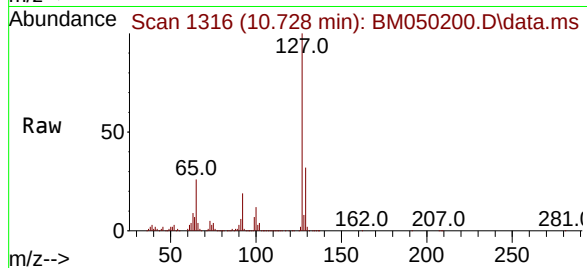


#33
4-Chloroaniline
Concen: 59.885 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1304717

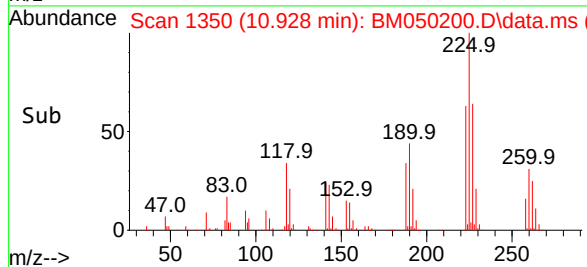
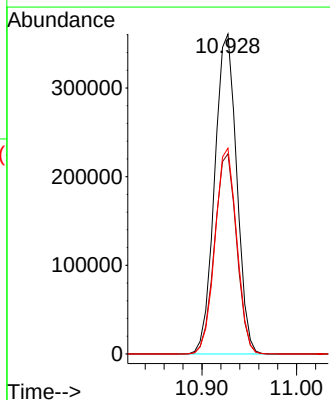
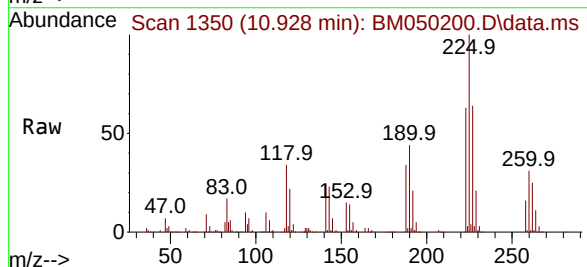
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	26.0	21.0	31.4
92	18.8	14.8	22.2

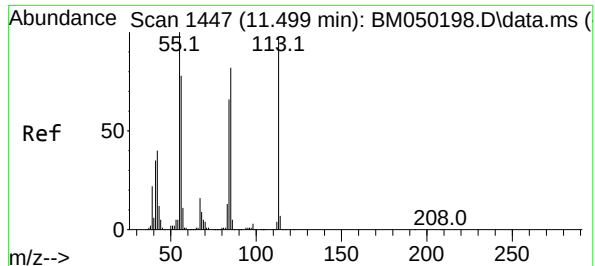


#34
Hexachlorobutadiene
Concen: 62.229 ng
RT: 10.928 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

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

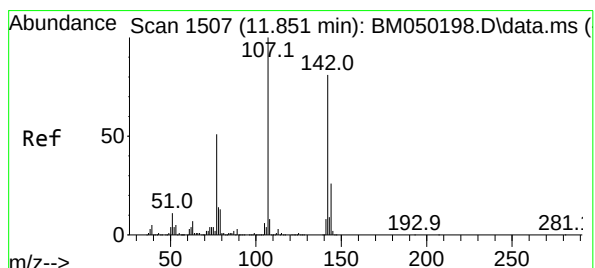
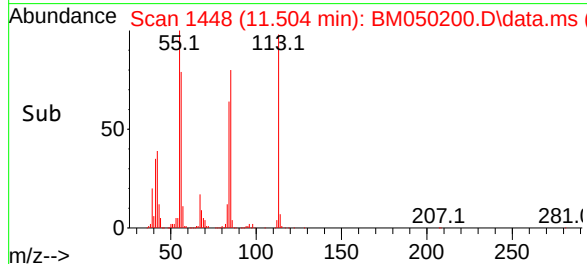
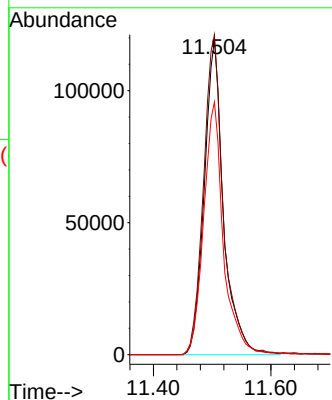
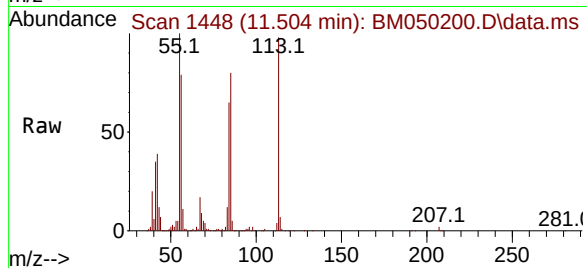




#35
Caprolactam
Concen: 60.374 ng
RT: 11.504 min Scan# 1448
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

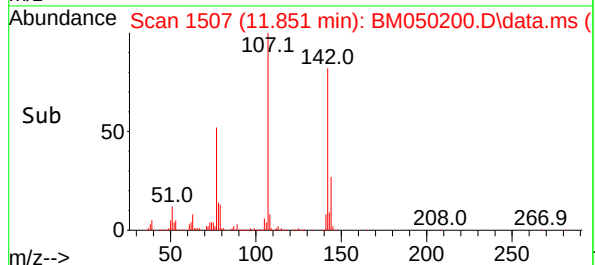
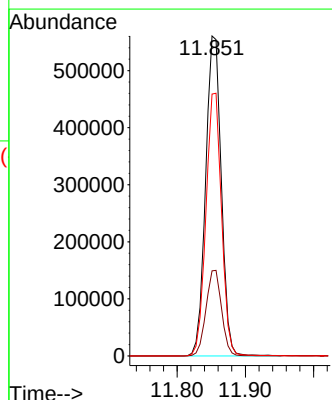
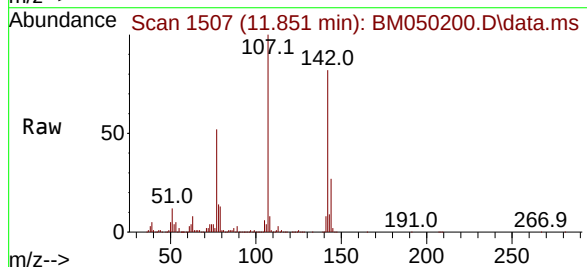
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

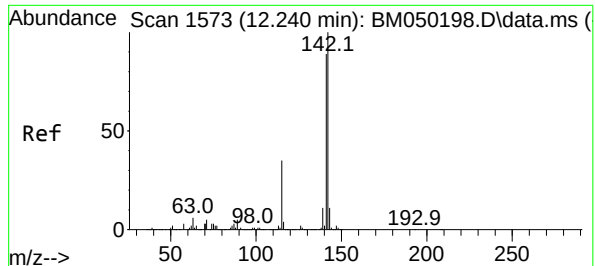
Tgt Ion:113 Resp: 271534
Ion Ratio Lower Upper
113 100
55 101.8 83.5 123.5
56 80.4 60.6 100.6



#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

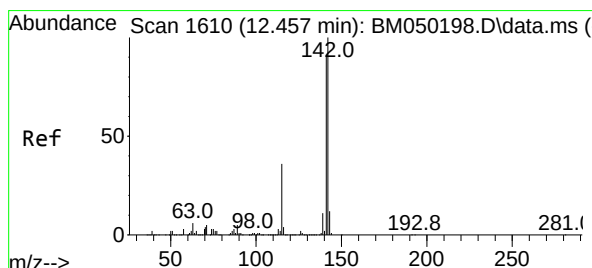
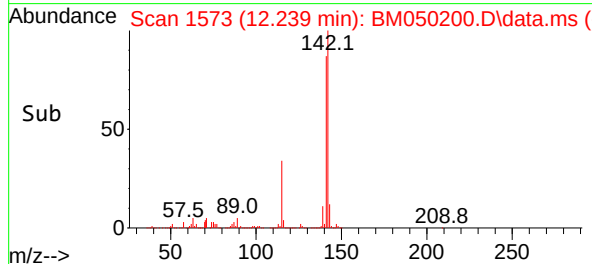
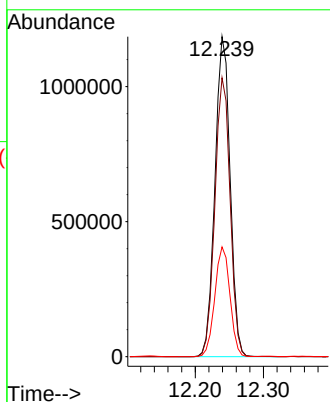
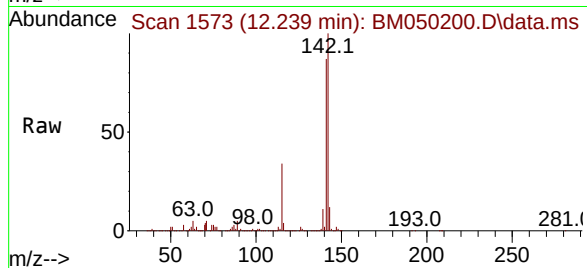




#37
2-Methylnaphthalene
Concen: 59.497 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

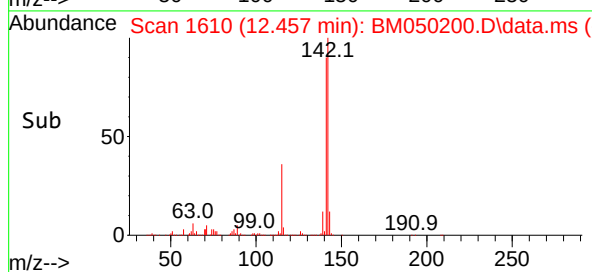
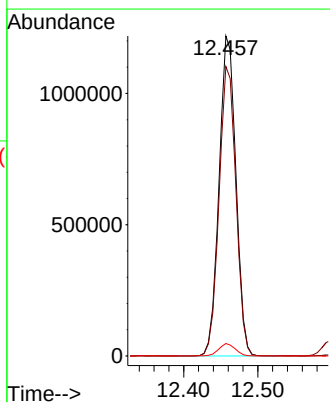
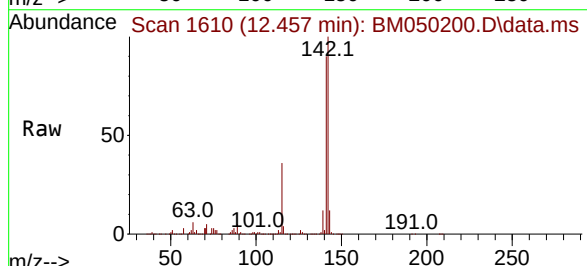
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

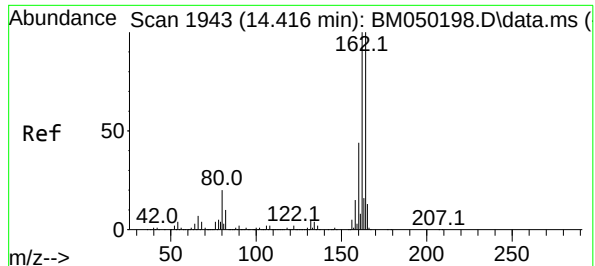
Tgt Ion:142 Resp: 1834221
Ion Ratio Lower Upper
142 100
141 87.1 71.5 107.3
115 34.3 27.8 41.8



#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

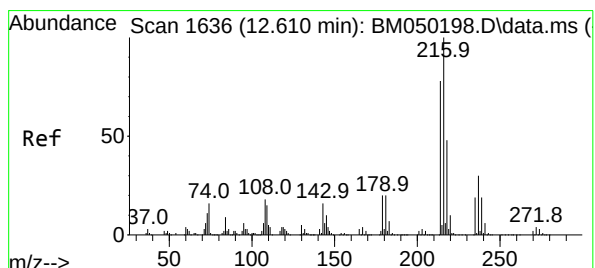
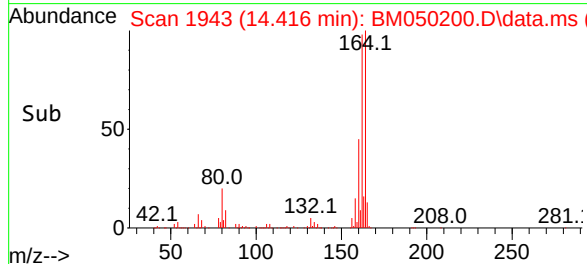
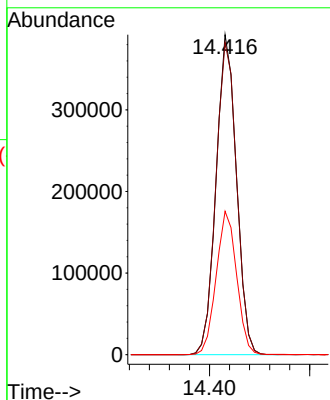
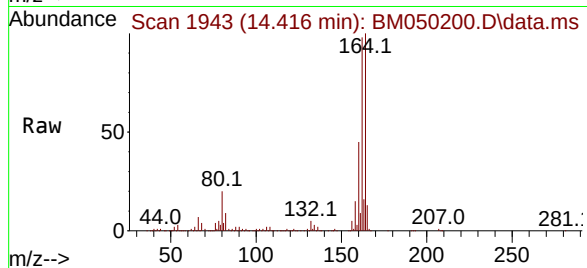




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

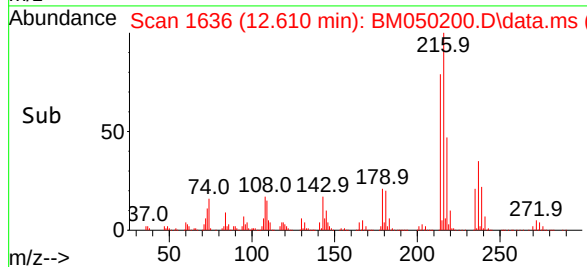
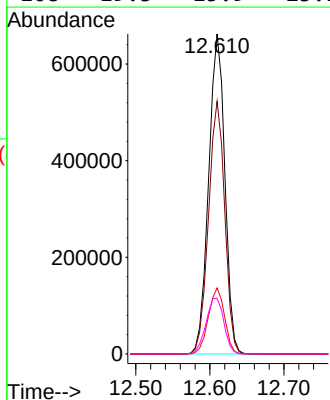
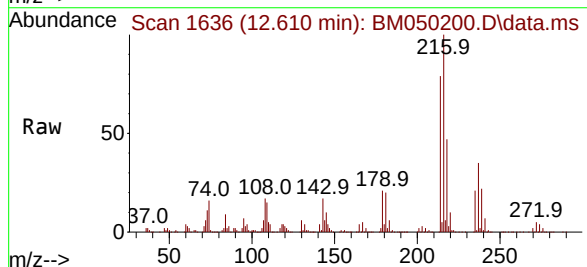
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

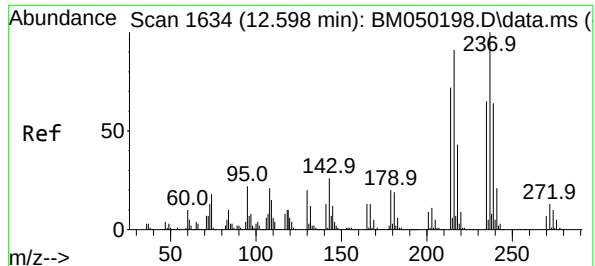
Tgt Ion:164 Resp: 551586
Ion Ratio Lower Upper
164 100
162 97.6 80.2 120.4
160 44.8 35.7 53.5



#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

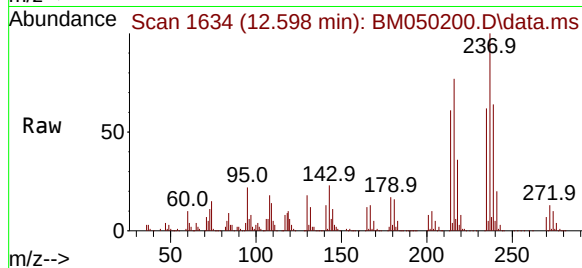
Tgt Ion:216 Resp: 1003997
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 20.7 16.6 25.0
108 19.3 15.9 23.9



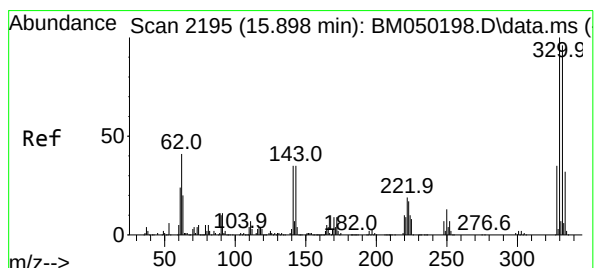
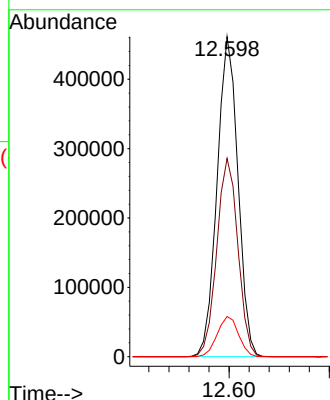
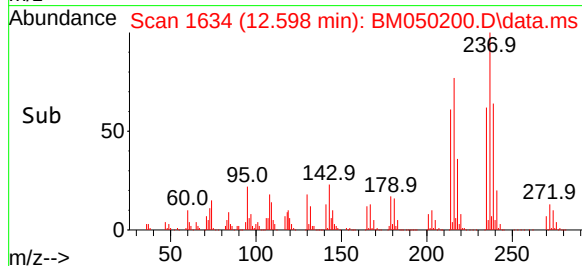


#41
Hexachlorocyclopentadiene
Concen: 68.632 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

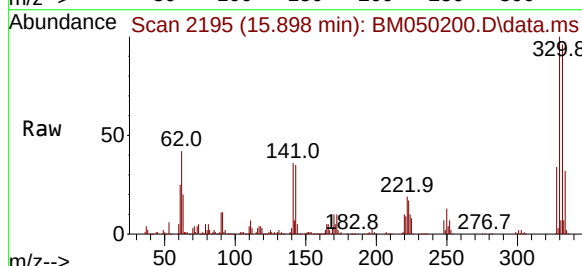
Instrument :
BNA_M
ClientSampleId :
SSTDICC060



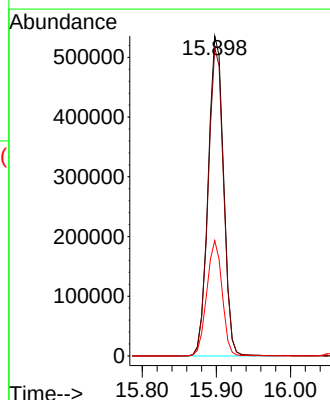
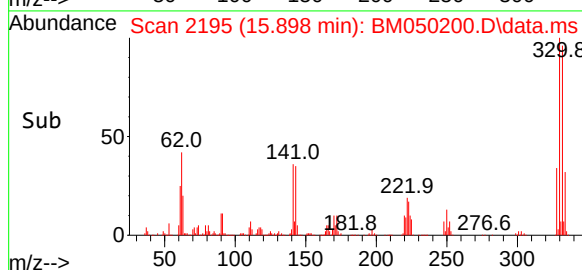
Tgt Ion:237 Resp: 663873
Ion Ratio Lower Upper
237 100
235 61.9 44.6 84.6
272 12.6 0.0 33.1

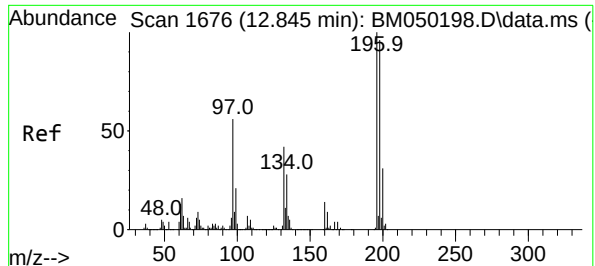


#42
2,4,6-Tribromophenol
Concen: 123.062 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16



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

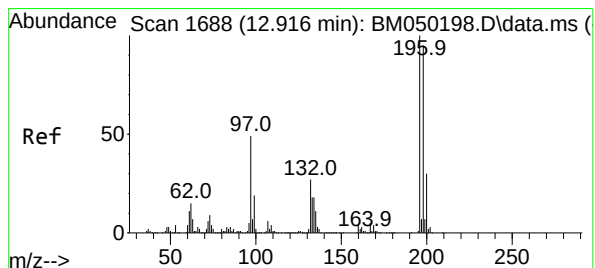
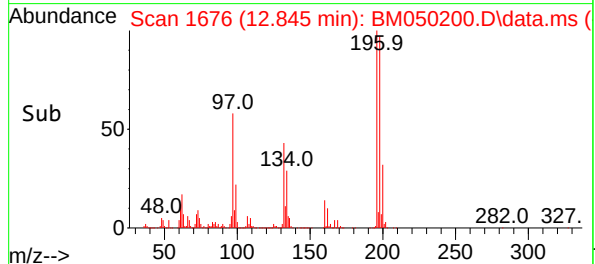
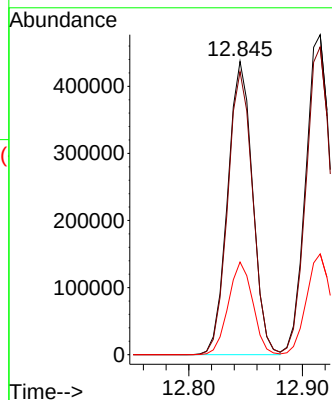
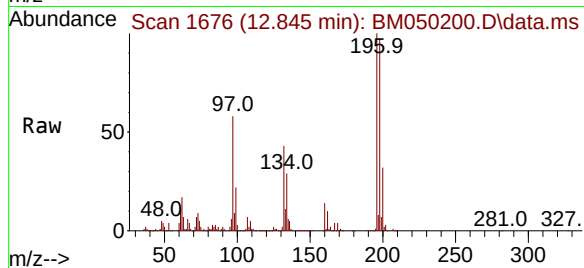




#43
2,4,6-Trichlorophenol
Concen: 63.528 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

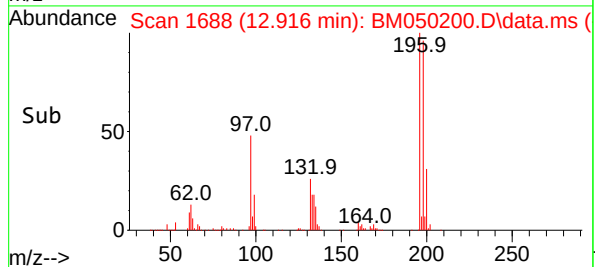
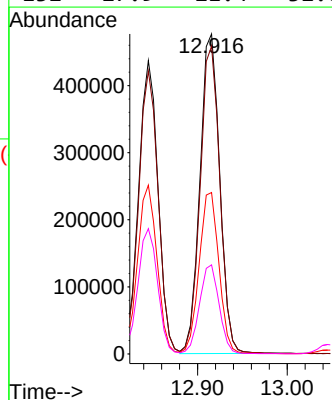
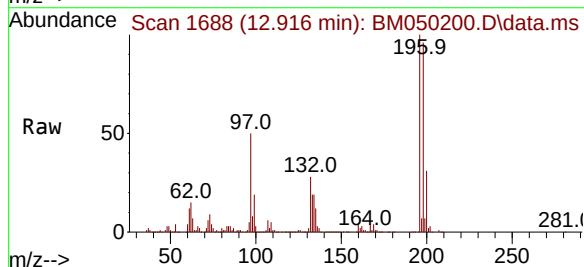
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

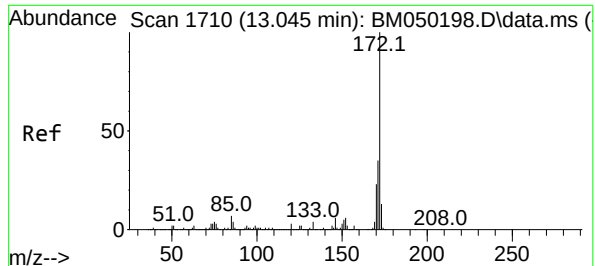
Tgt Ion:196 Resp: 665409
Ion Ratio Lower Upper
196 100
198 96.5 76.6 115.0
200 31.6 24.5 36.7



#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

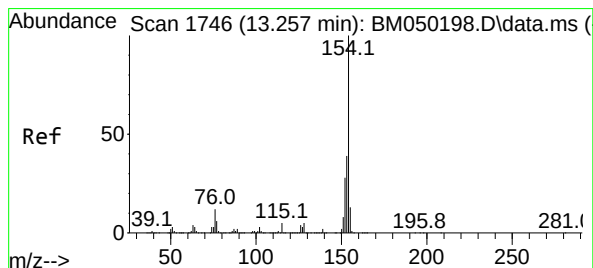
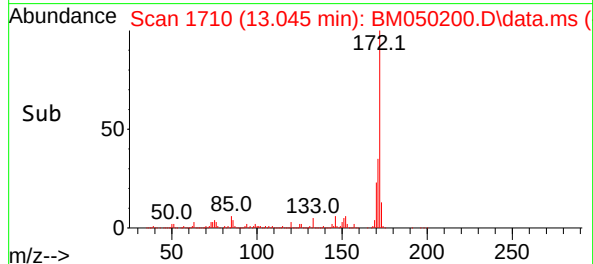
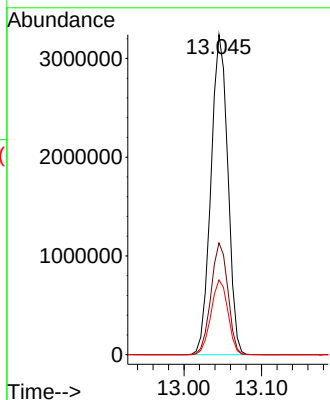
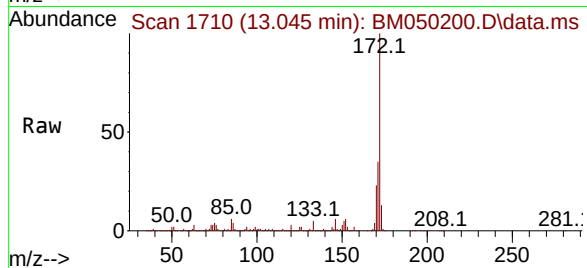




#45
2-Fluorobiphenyl
Concen: 120.225 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

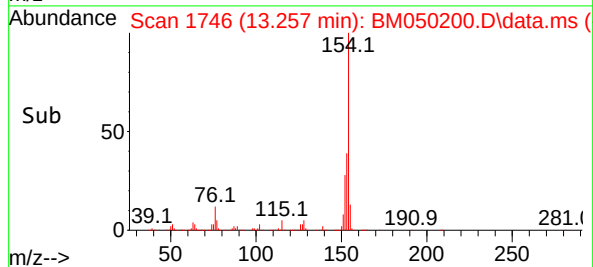
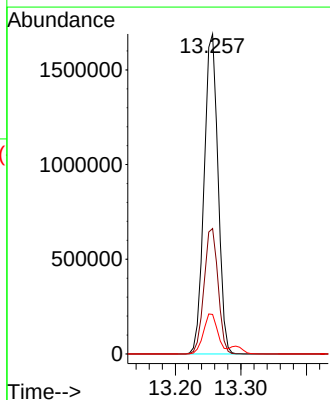
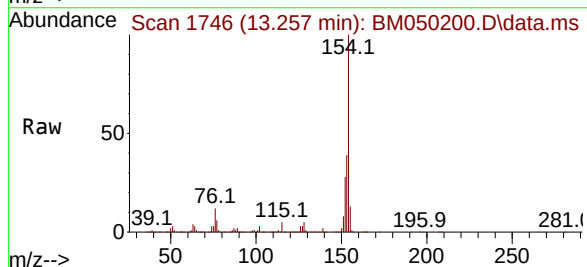
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

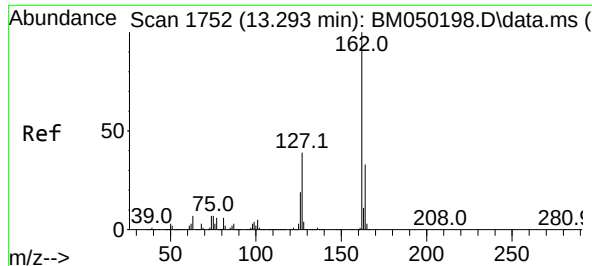
Tgt Ion:172 Resp: 4898196
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 27.8



#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# 1

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

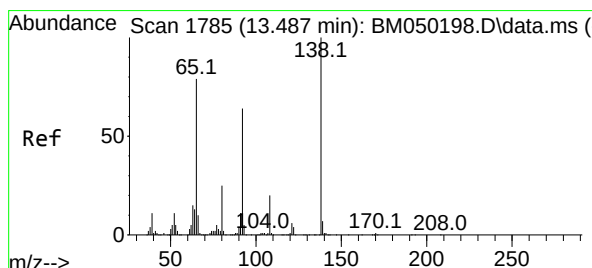
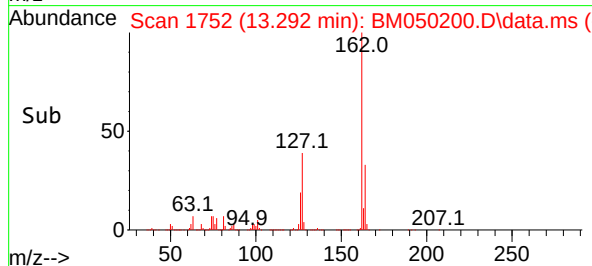
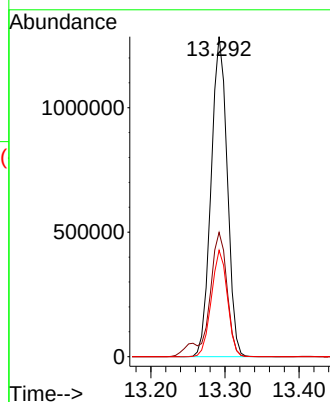
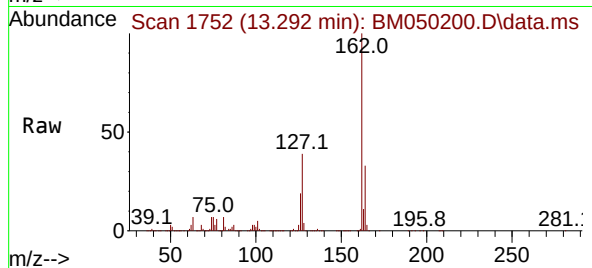
Tgt Ion:162 Resp: 1947861

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

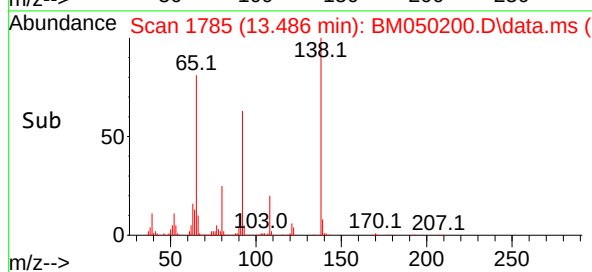
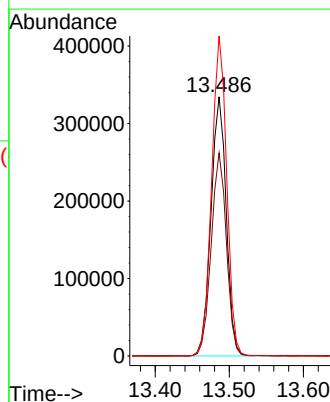
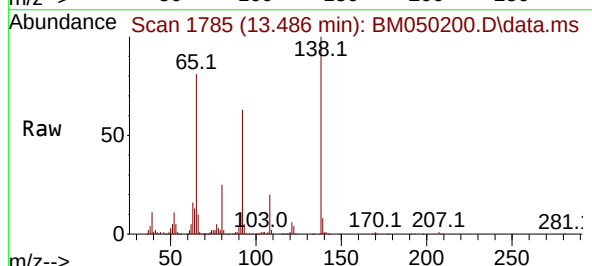
Tgt Ion: 65 Resp: 479127

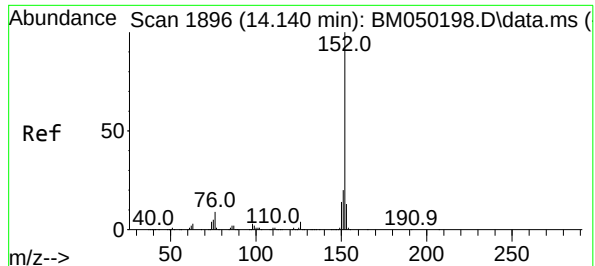
Ion Ratio Lower Upper

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 :

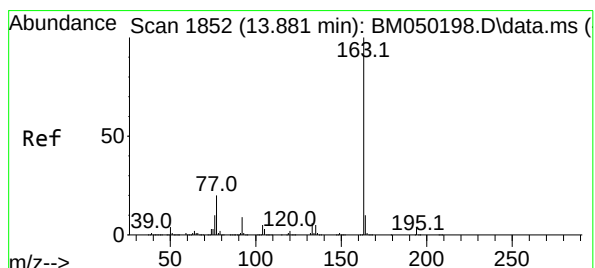
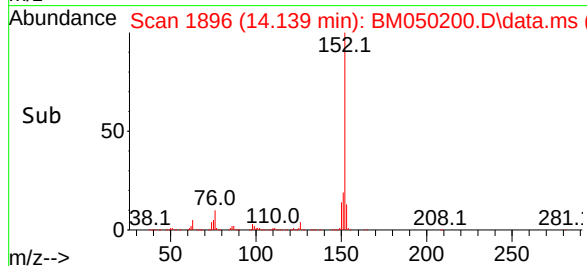
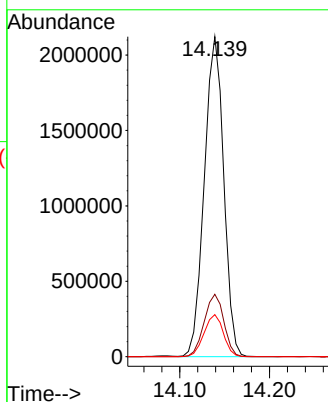
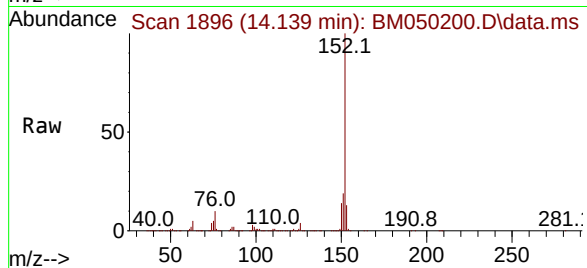
BNA_M

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

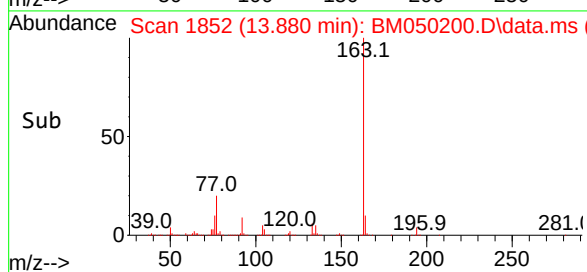
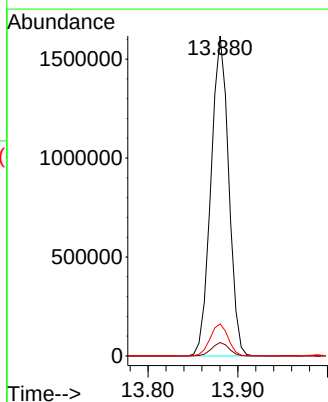
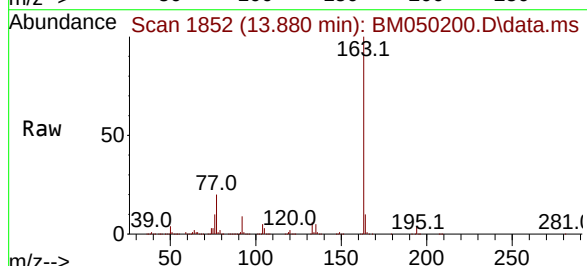
Delta R.T. -0.000 min

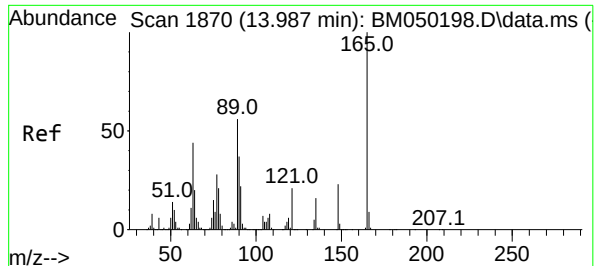
Lab File: BM050200.D

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

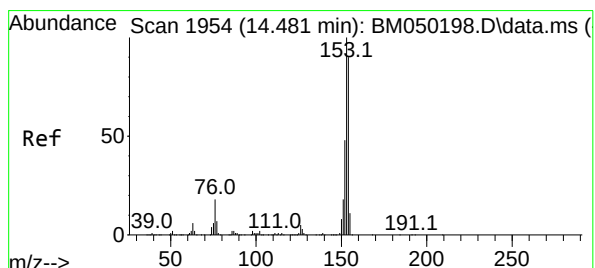
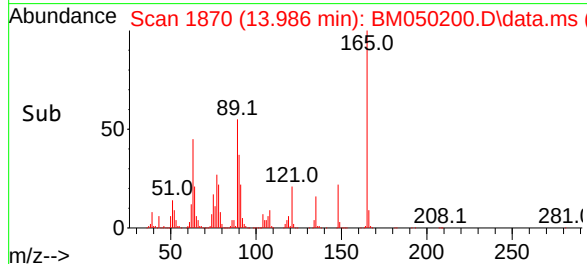
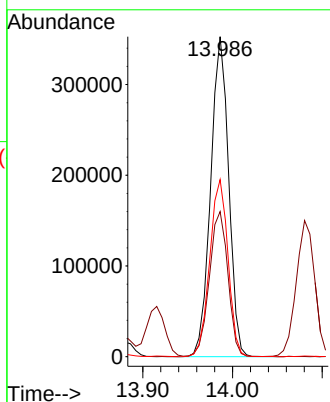
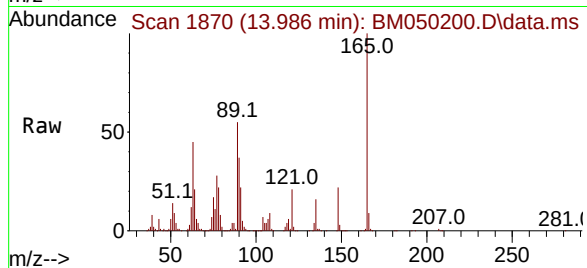




#51
2,6-Dinitrotoluene
Concen: 65.238 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

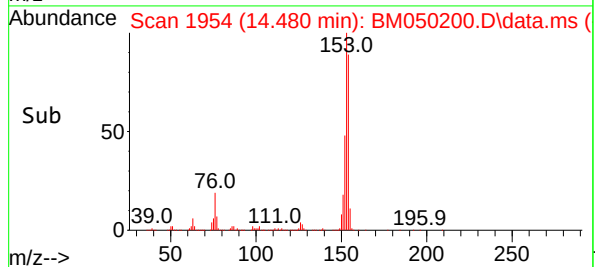
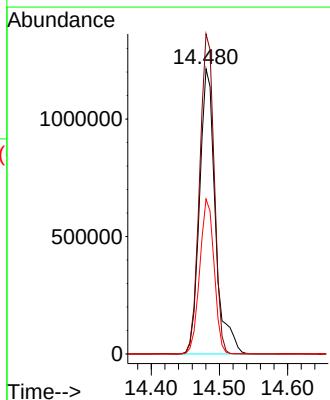
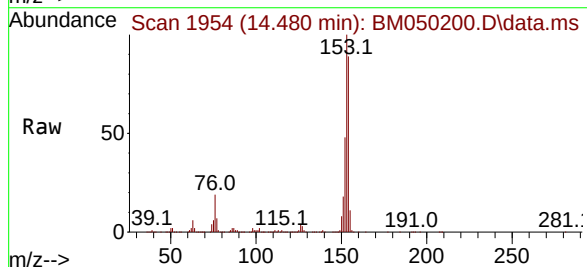
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

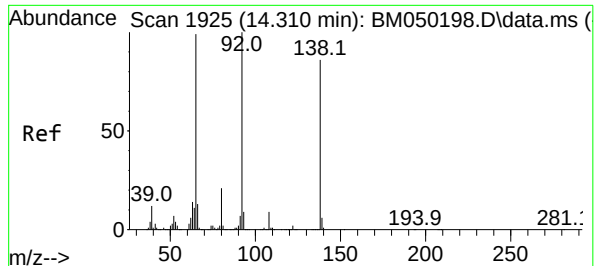
Tgt Ion:165 Resp: 490781
Ion Ratio Lower Upper
165 100
63 45.3 35.8 53.6
89 55.3 44.8 67.2



#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

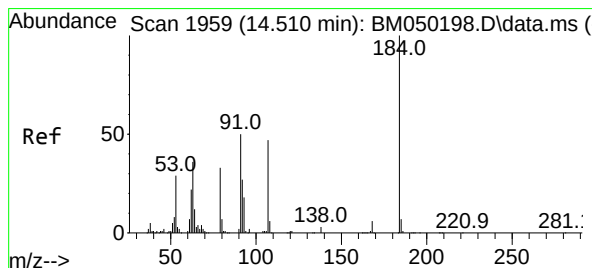
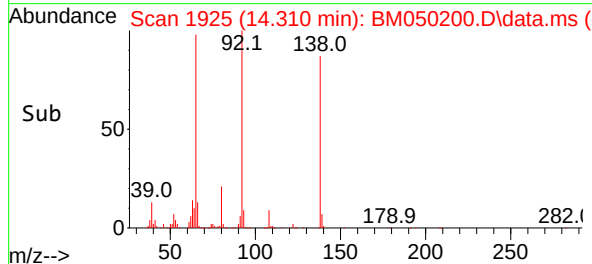
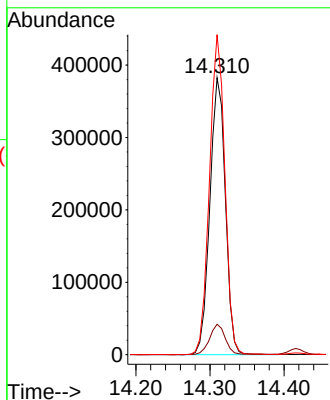
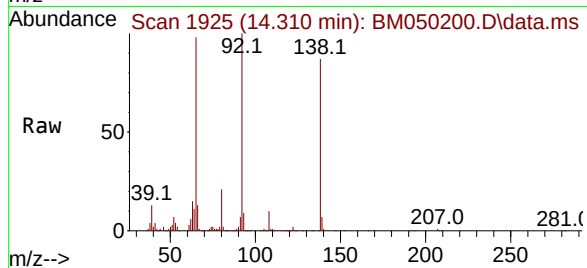




#53
3-Nitroaniline
Concen: 66.308 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

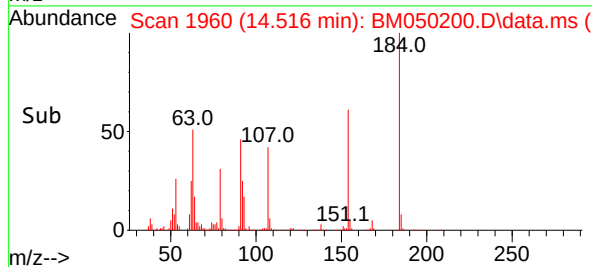
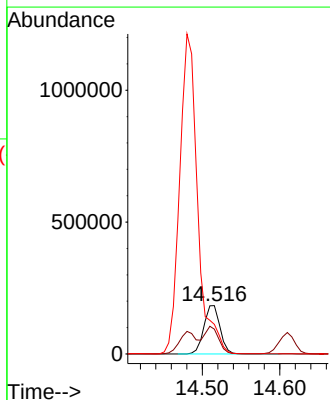
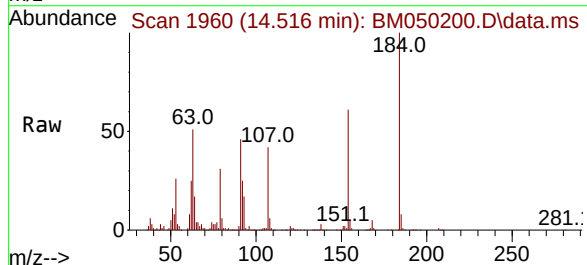
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

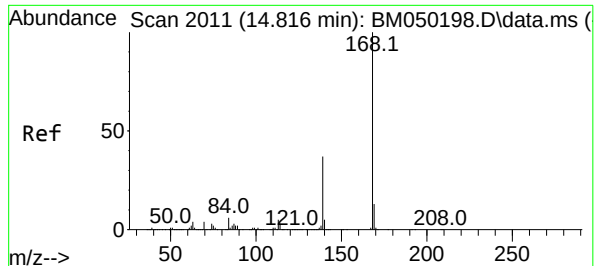
Tgt Ion:138 Resp: 555944
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 115.5 92.9 139.3



#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

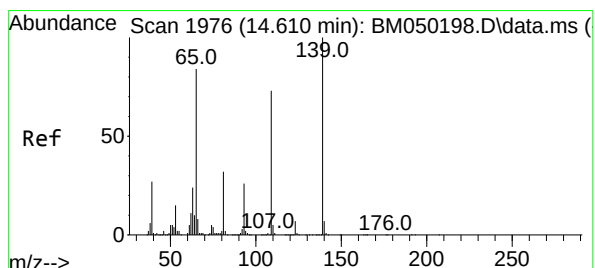
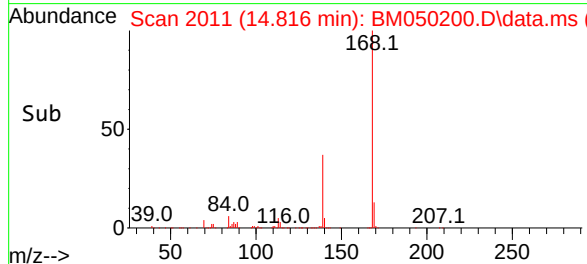
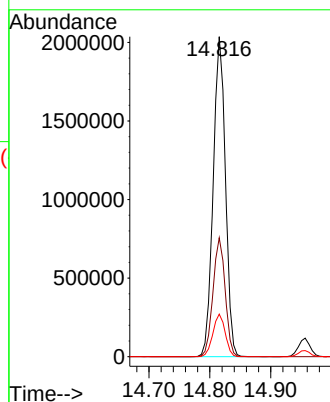
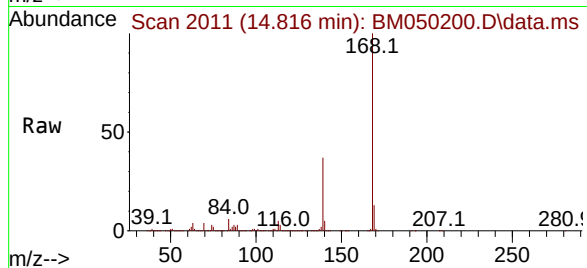
Tgt Ion:168 Resp: 2844670

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

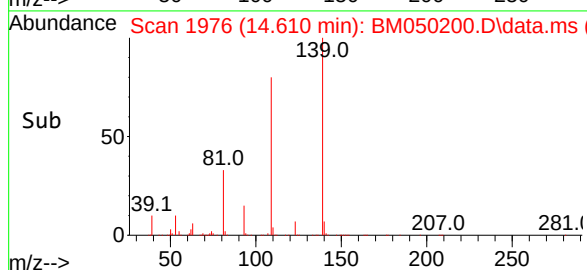
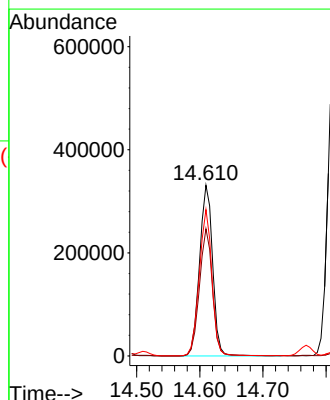
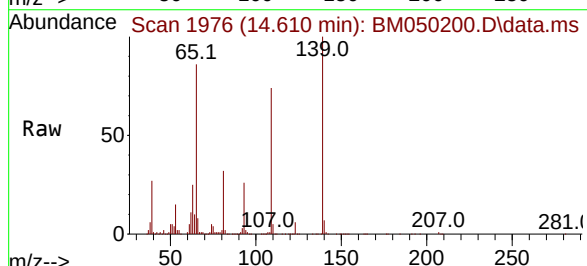
Tgt Ion:139 Resp: 477024

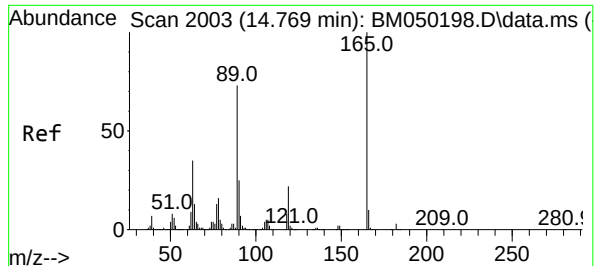
Ion Ratio Lower Upper

139 100

109 74.4 52.6 92.6

65 85.7 64.3 104.3

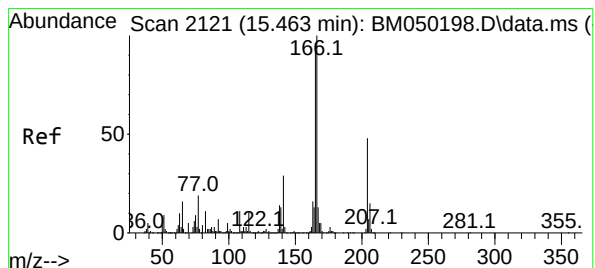
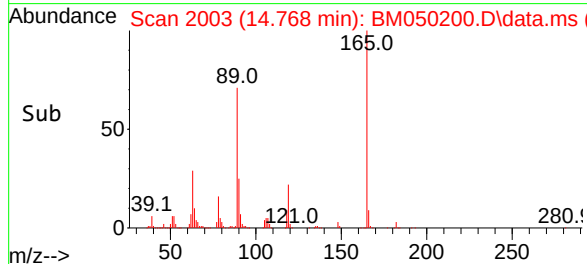
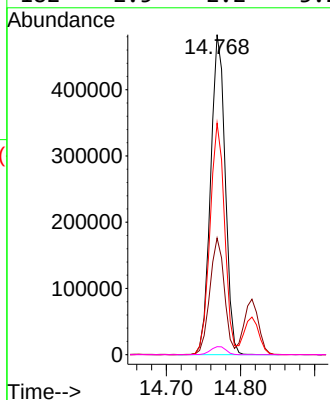
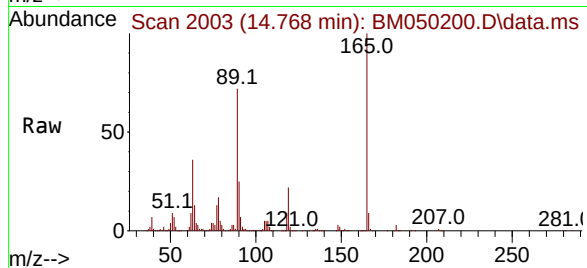




#57
2,4-Dinitrotoluene
Concen: 66.447 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

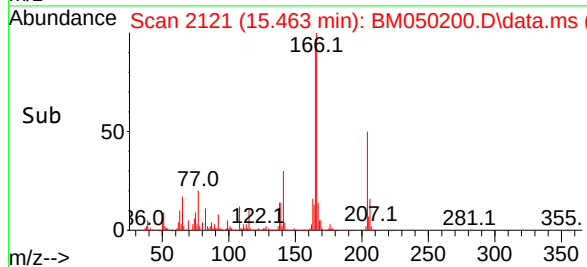
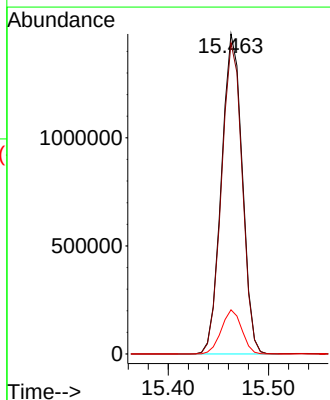
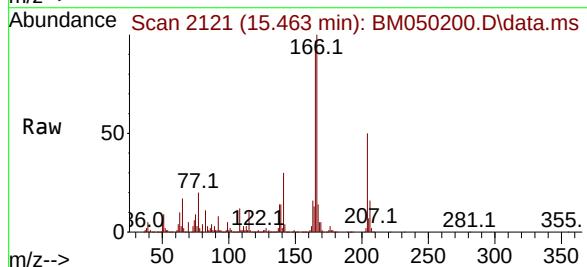
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

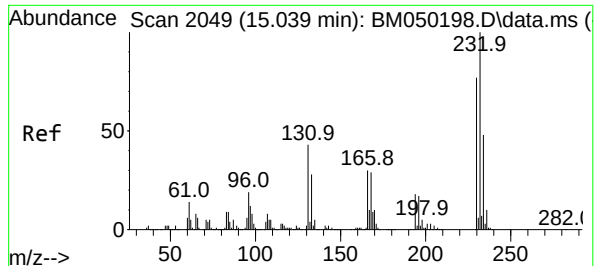
Tgt Ion:165 Resp: 659402
Ion Ratio Lower Upper
165 100
63 36.5 28.4 42.6
89 72.3 58.0 87.0
182 2.5 2.2 3.2



#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

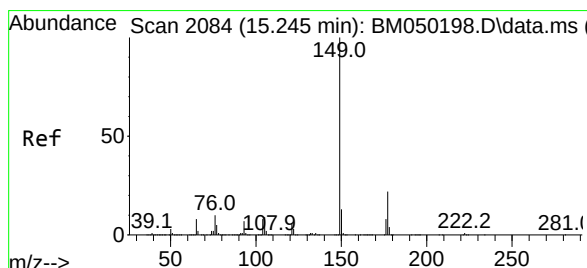
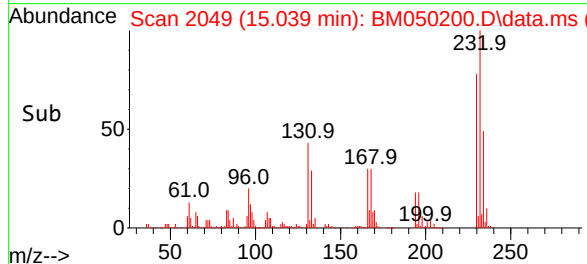
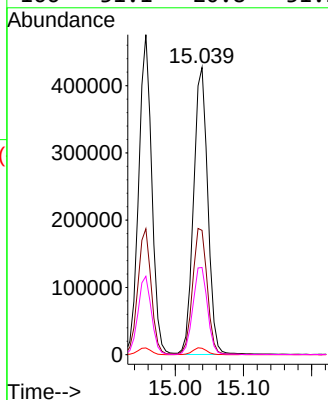
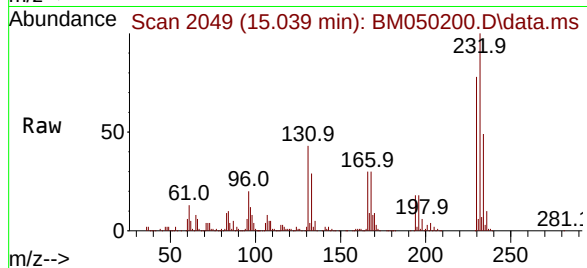
Ion Ratio Lower Upper

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

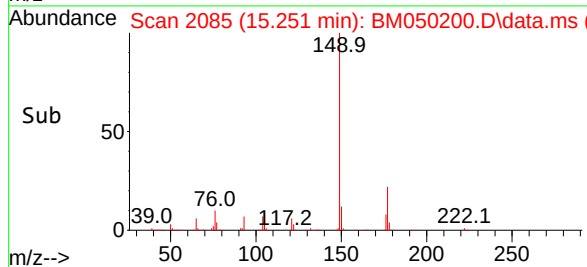
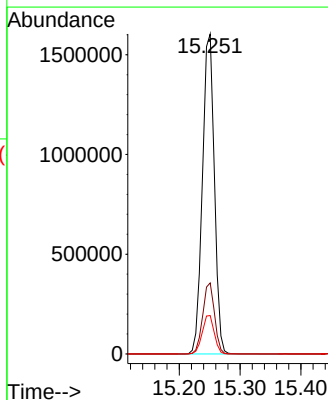
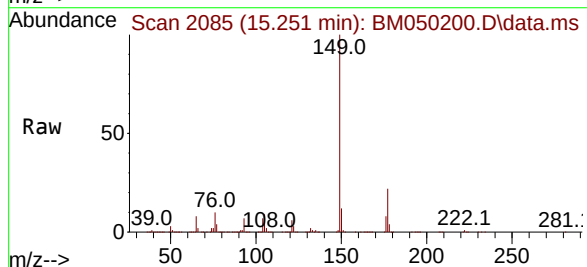
Tgt Ion:149 Resp: 2180022

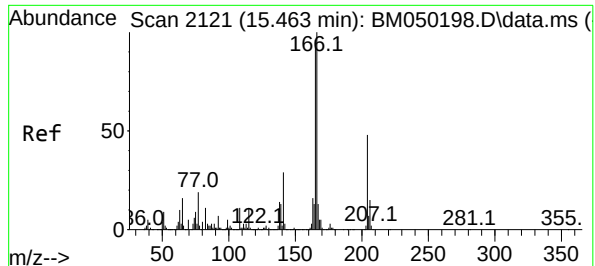
Ion Ratio Lower Upper

149 100

177 22.2 17.2 25.8

150 12.0 10.0 15.0

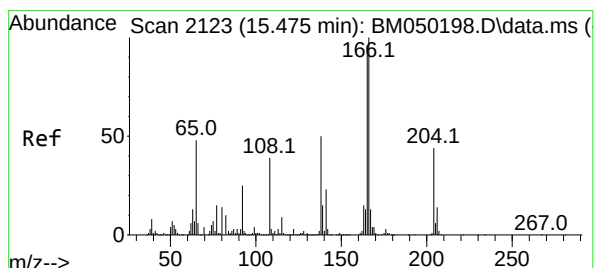
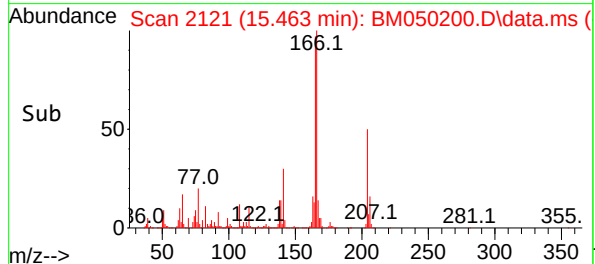
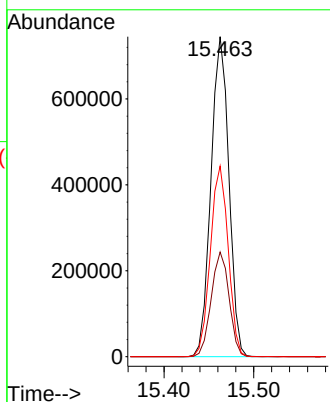
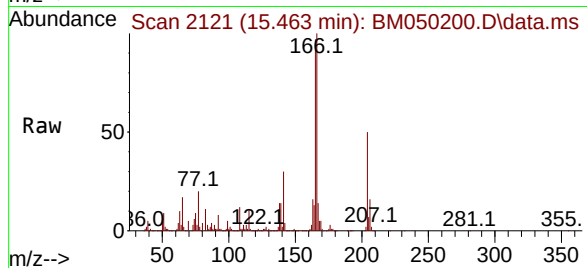




#61
4-Chlorophenyl-phenylether
Concen: 58.610 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

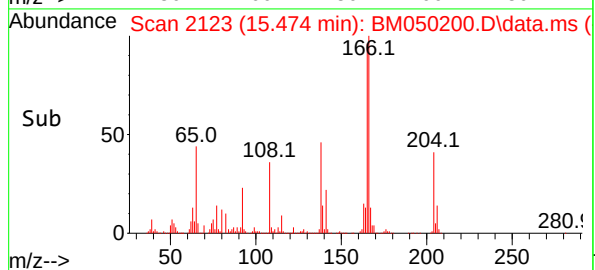
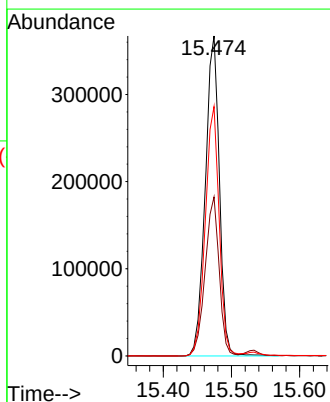
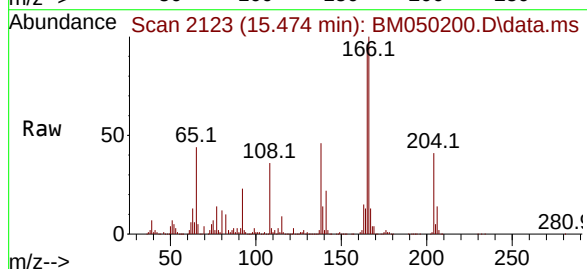
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

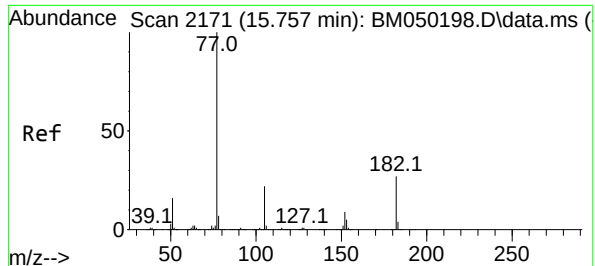
Tgt Ion:204 Resp: 1031087
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 59.6 47.9 71.9



#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

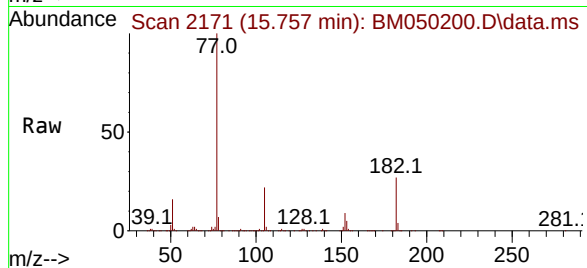
Tgt Ion:138 Resp: 528186
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 77.9 58.1 98.1





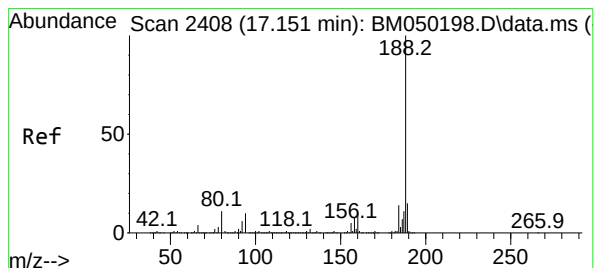
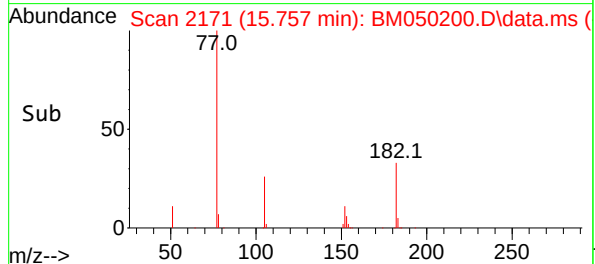
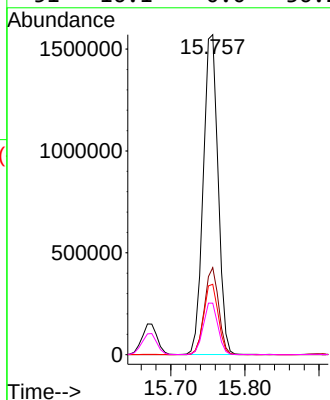
#63
Azobenzene
Concen: 58.871 ng
RT: 15.757 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 2177933

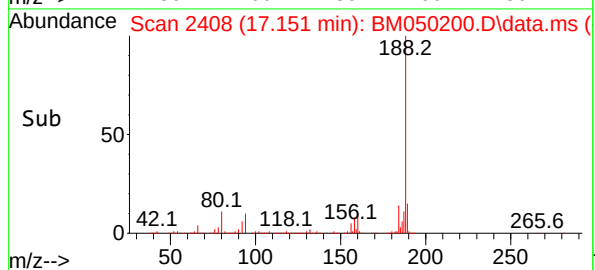
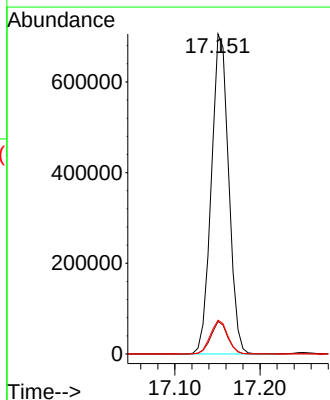
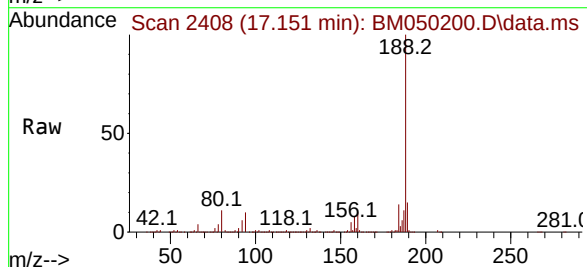
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.8	46.8
105	22.0	1.7	41.7
51	16.1	0.0	36.2

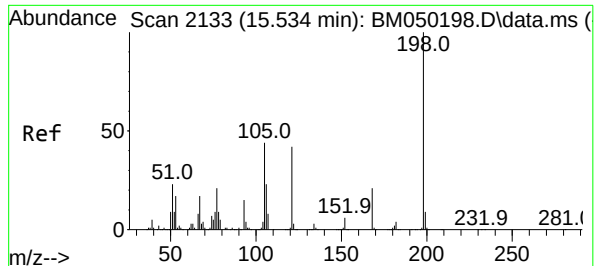


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

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

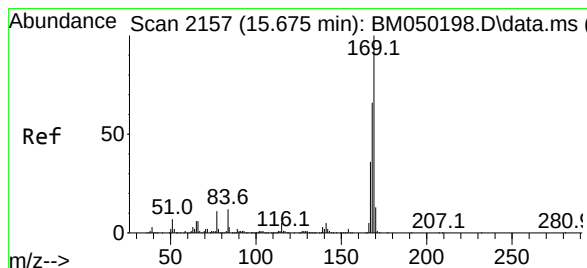
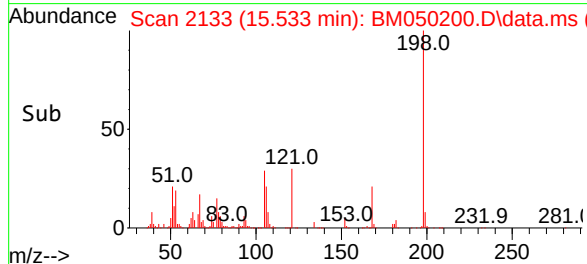
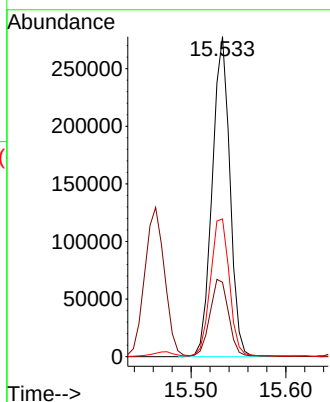
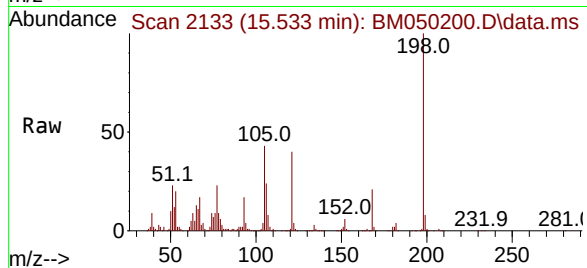




#65
4,6-Dinitro-2-methylphenol
Concen: 66.052 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

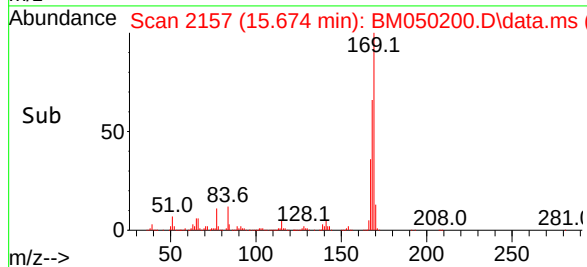
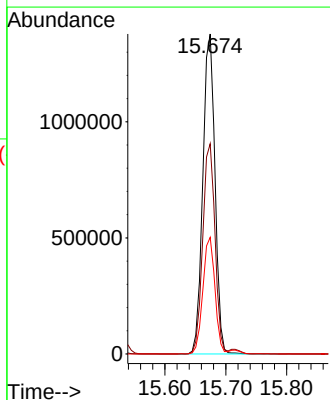
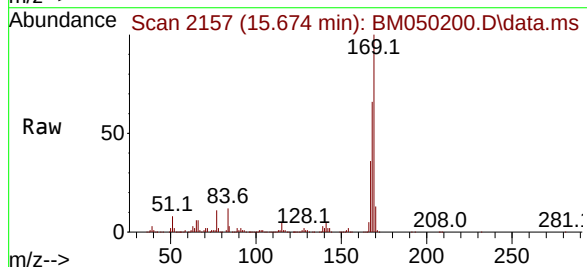
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

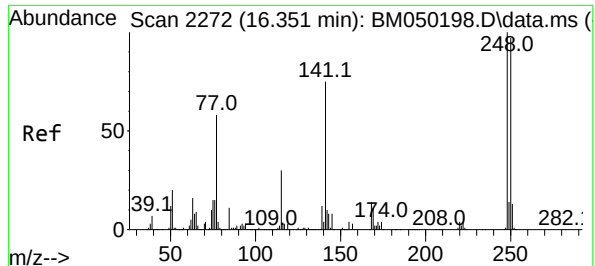
Tgt Ion:198 Resp: 359804
Ion Ratio Lower Upper
198 100
51 23.3 4.5 44.5
105 43.0 24.9 64.9



#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# 21

Delta R.T. -0.000 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

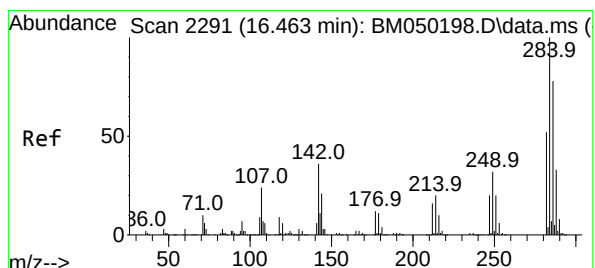
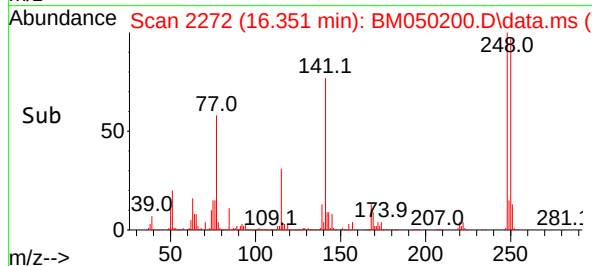
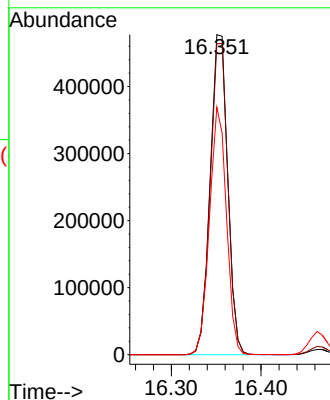
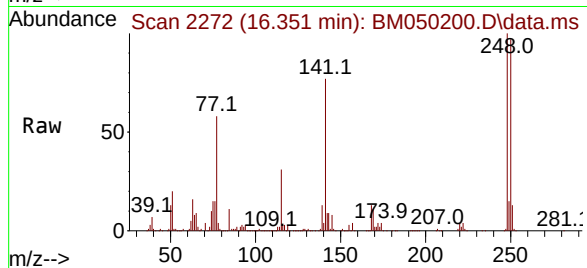
Tgt Ion:248 Resp: 649254

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

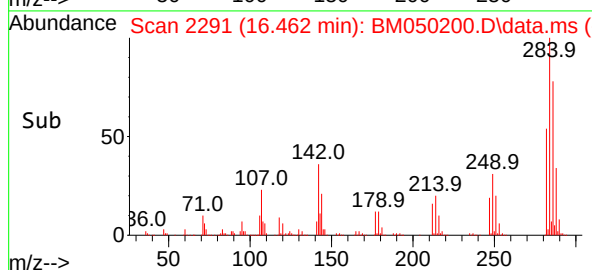
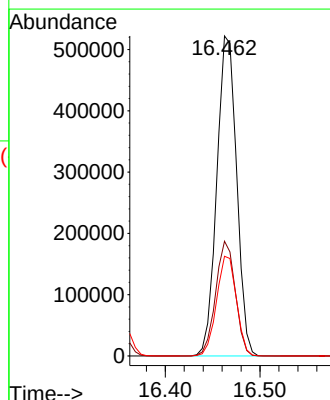
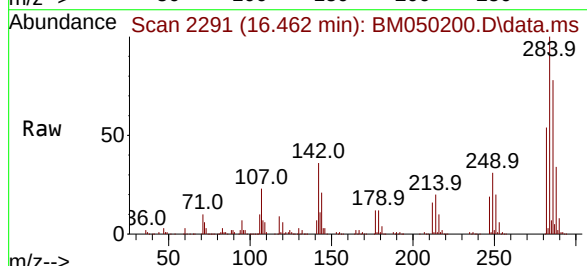
Tgt Ion:284 Resp: 761552

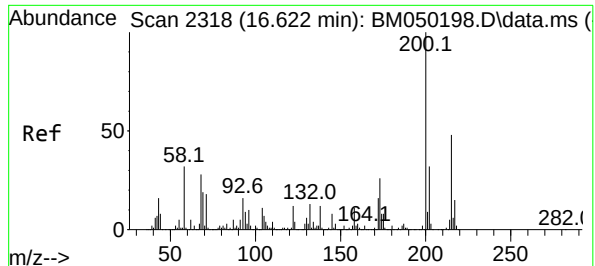
Ion Ratio Lower Upper

284 100

142 35.8 28.8 43.2

249 31.1 25.8 38.6

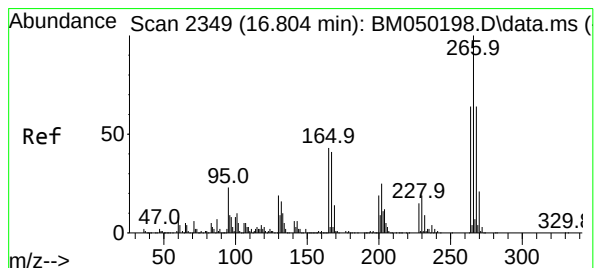
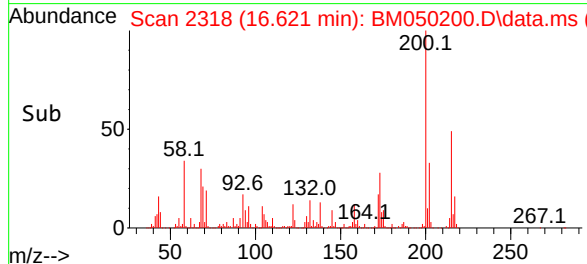
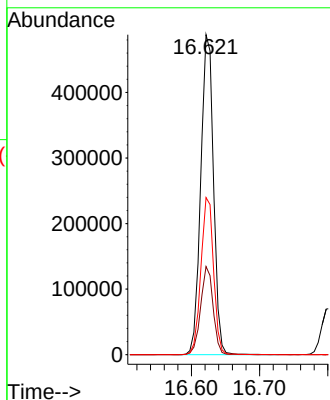
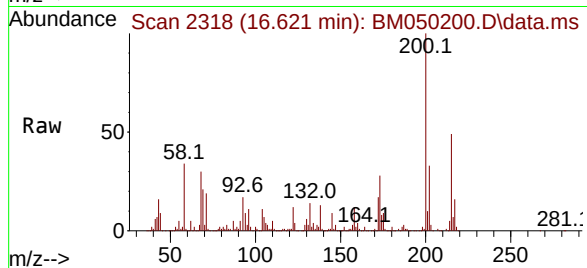




#69
Atrazine
Concen: 63.570 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

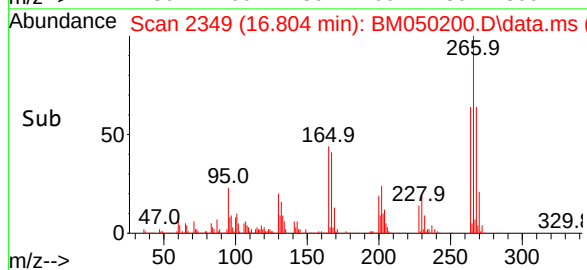
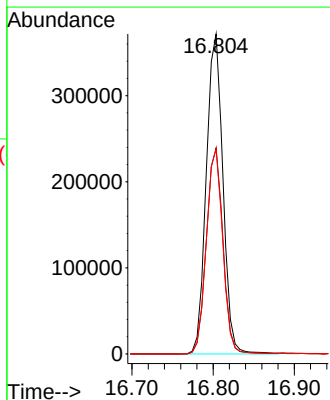
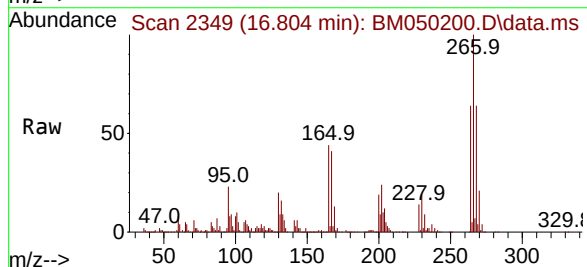
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

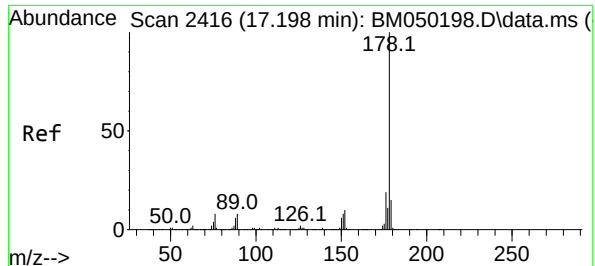
Tgt Ion:200 Resp: 634737
Ion Ratio Lower Upper
200 100
173 27.6 6.0 46.0
215 49.1 28.1 68.1



#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

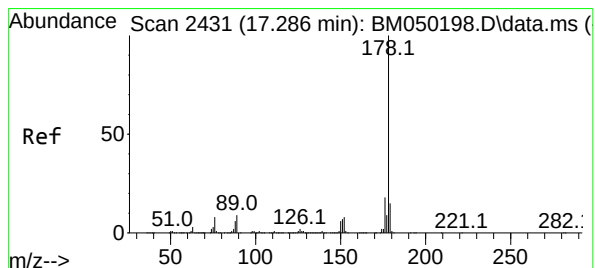
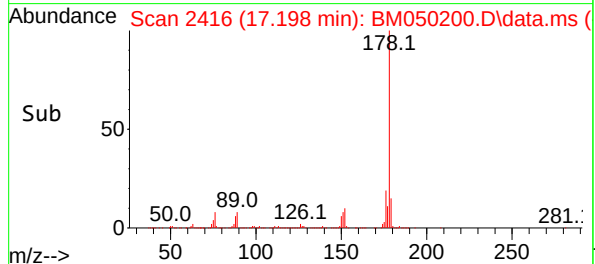
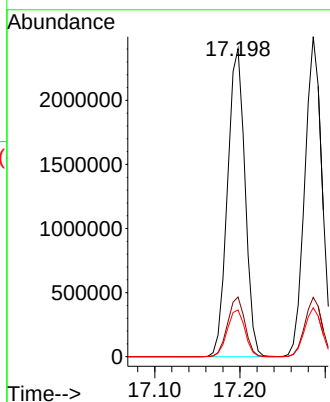
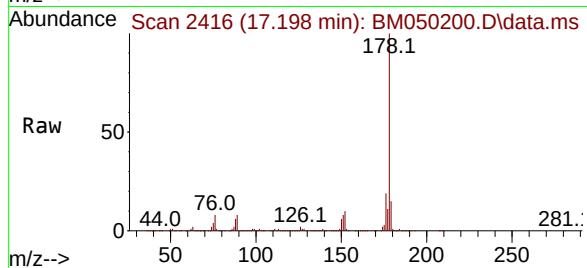




#71
Phenanthrene
Concen: 60.051 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

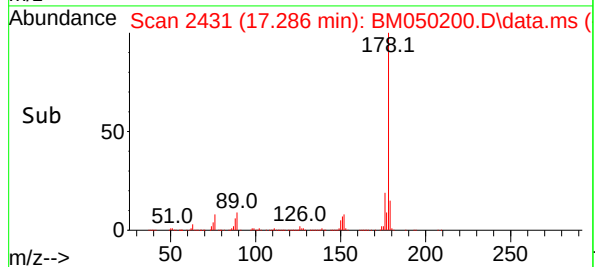
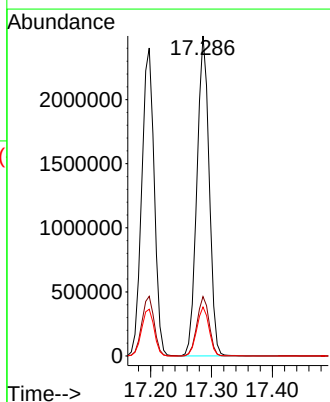
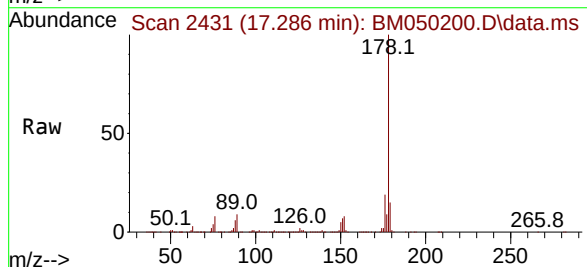
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

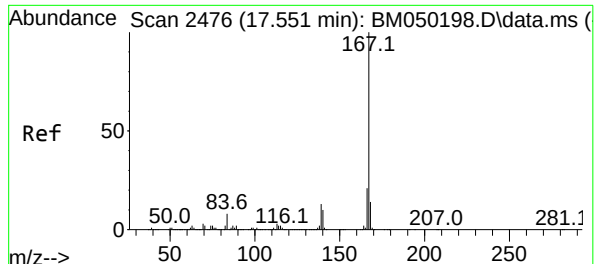
Tgt Ion:178 Resp: 3421380
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.3 18.5



#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

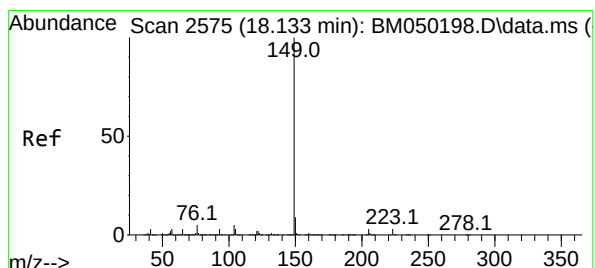
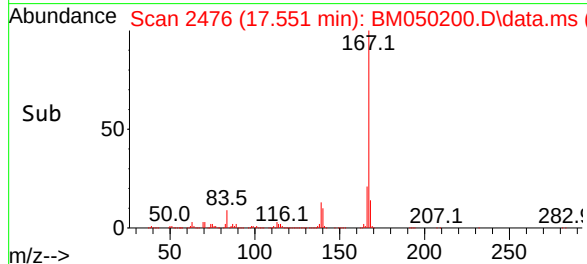
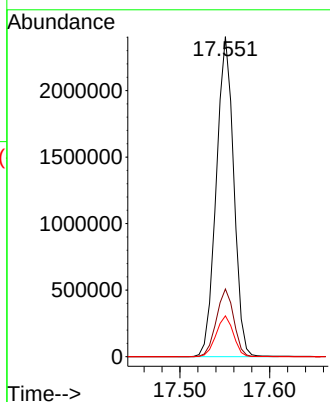
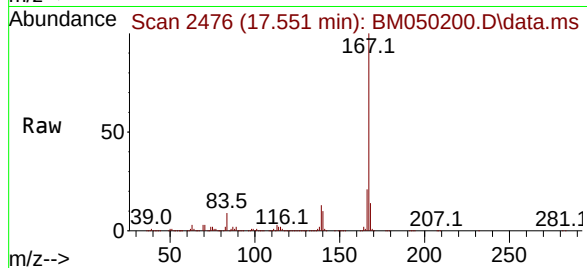




#73
Carbazole
Concen: 62.528 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

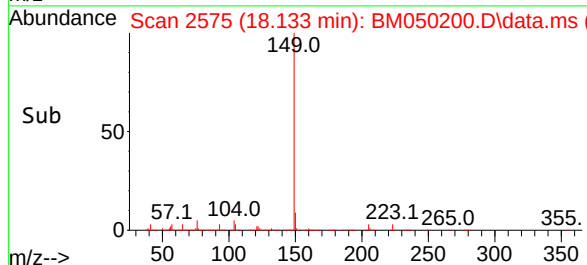
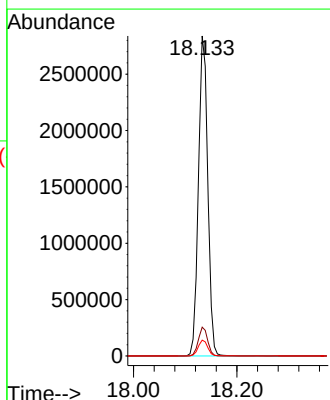
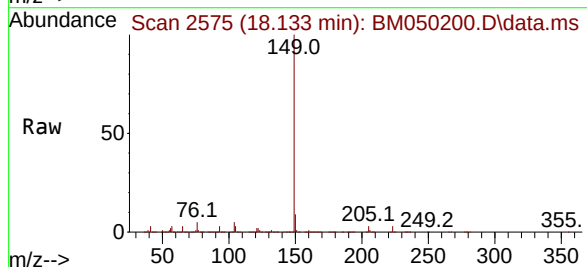
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

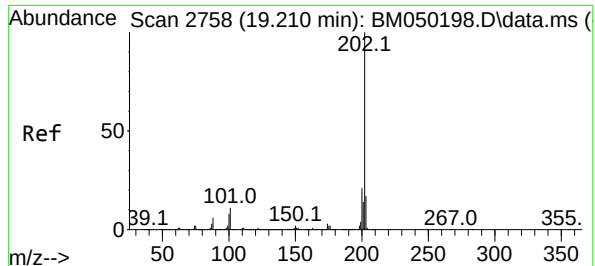
Tgt Ion:167 Resp: 3246806
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.2 15.4



#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

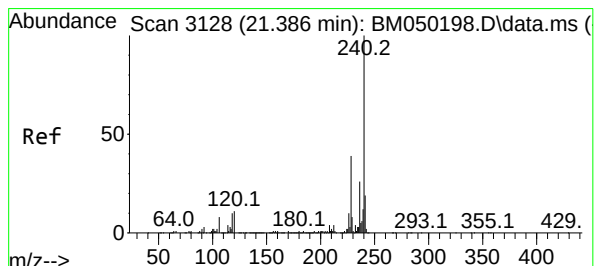
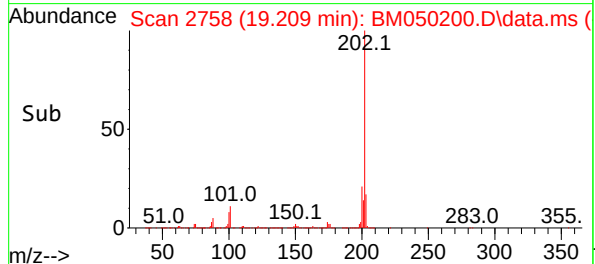
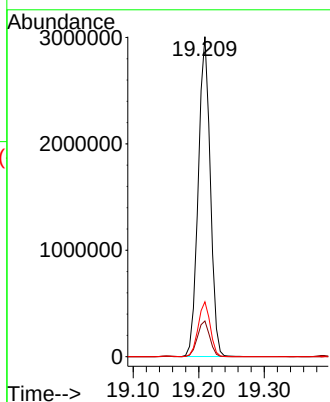
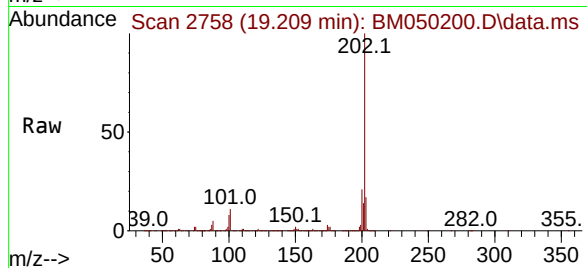




#75
Fluoranthene
Concen: 63.934 ng
RT: 19.209 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

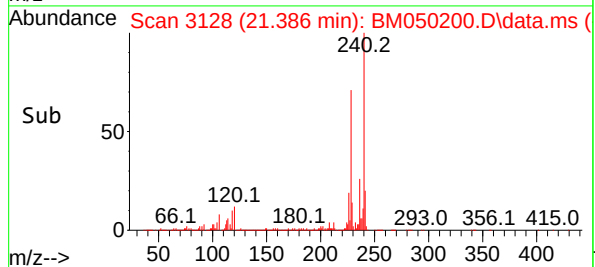
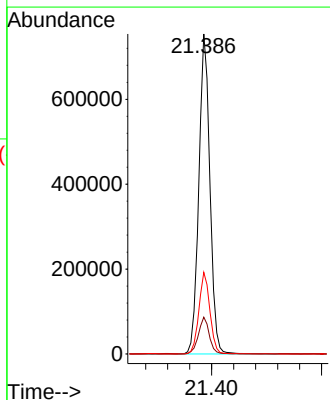
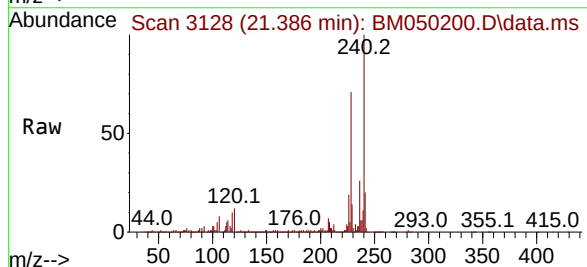
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

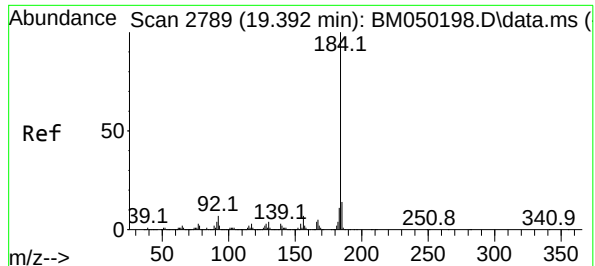
Tgt Ion:202 Resp: 3841414
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 17.1 0.0 37.0



#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

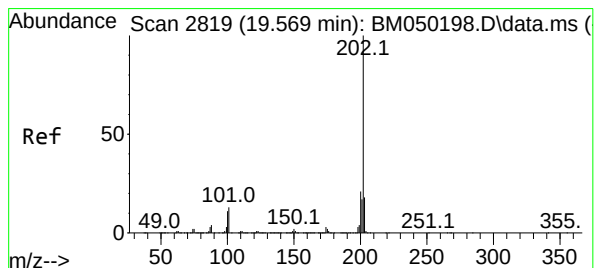
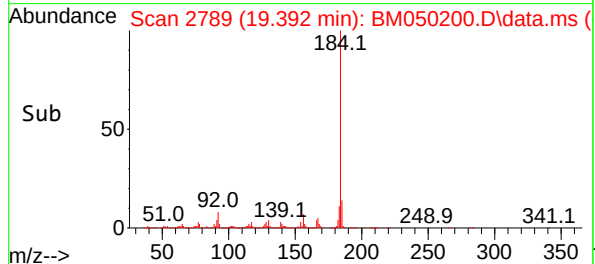
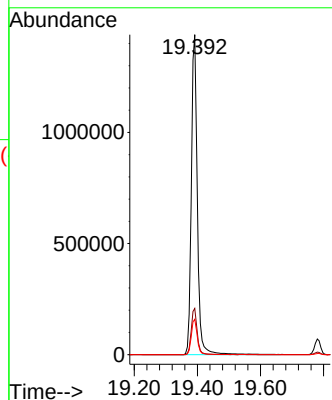
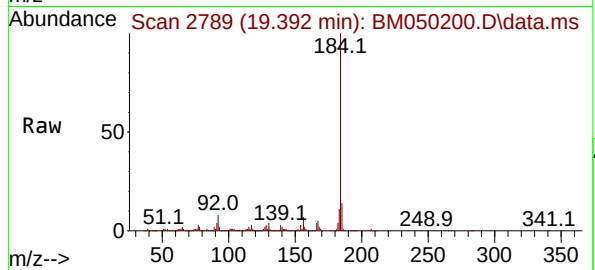




#77
Benzidine
Concen: 64.043 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

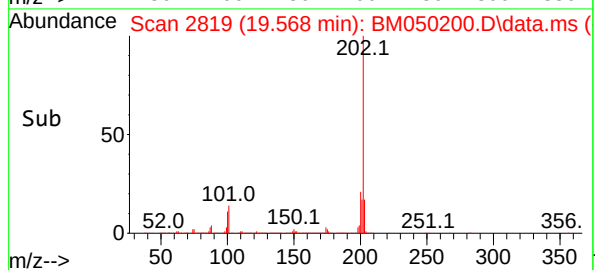
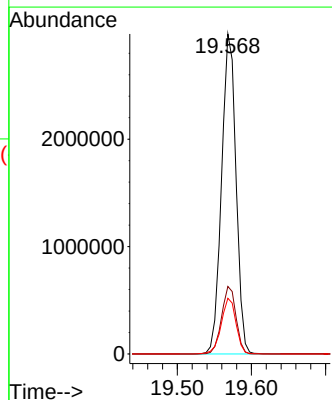
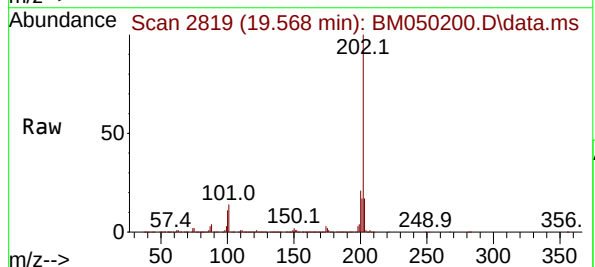
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

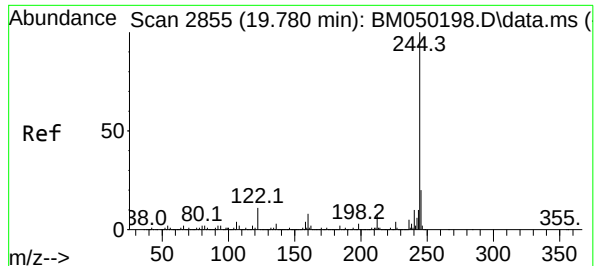
Tgt Ion:184 Resp: 1902050
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 9.0 13.4



#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

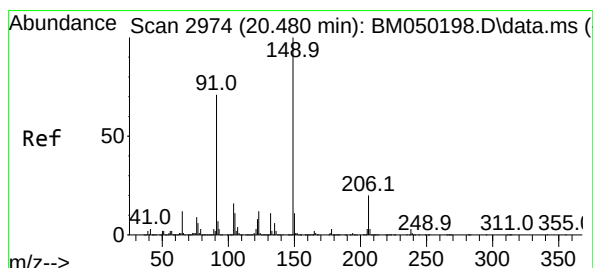
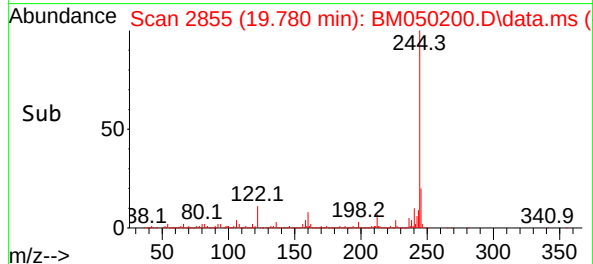
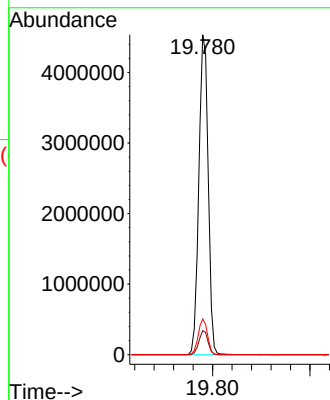
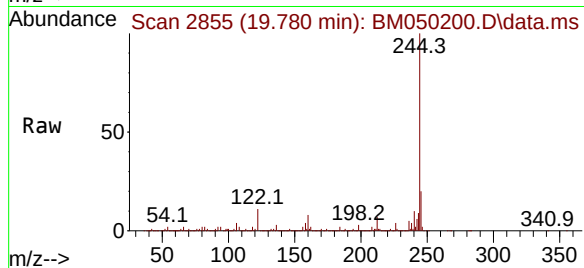




#79
Terphenyl-d14
Concen: 108.610 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

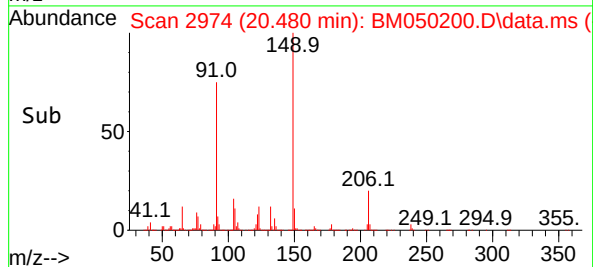
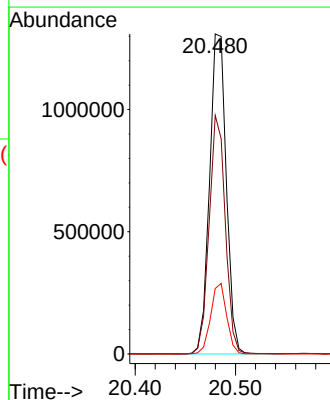
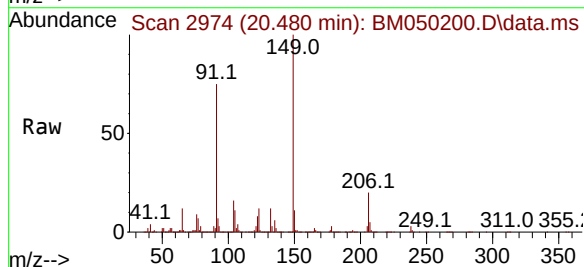
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

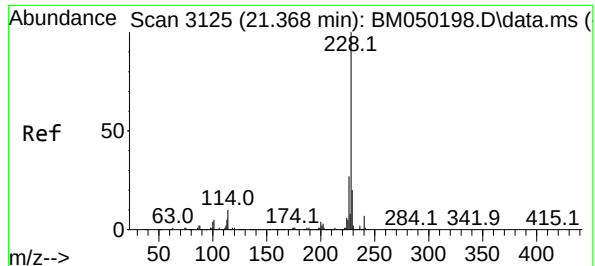
Tgt Ion:244 Resp: 6053045
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.1 8.6 12.8



#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

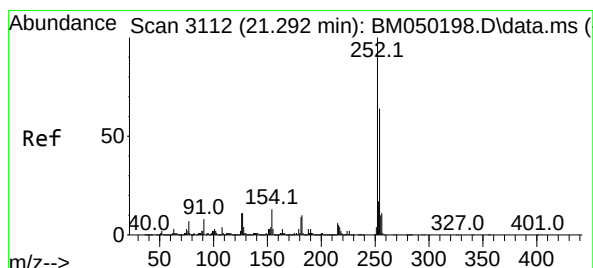
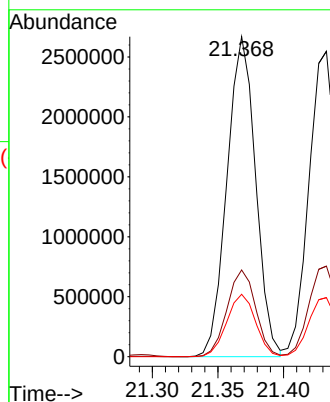
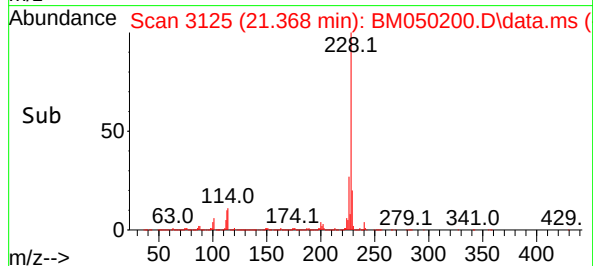
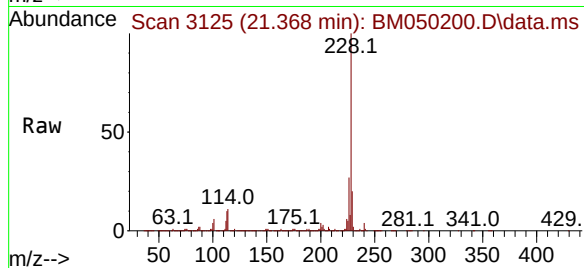




#81
Benzo(a)anthracene
Concen: 60.666 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

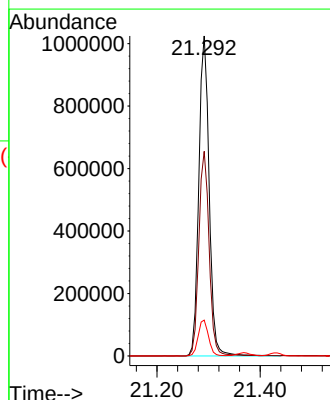
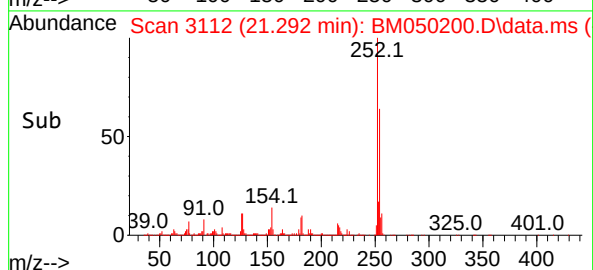
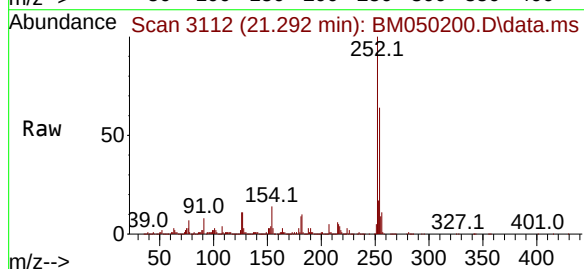
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

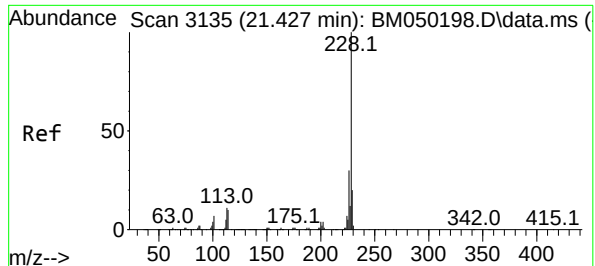
Tgt Ion:228 Resp: 4055461
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.7 23.5



#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# 3135

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

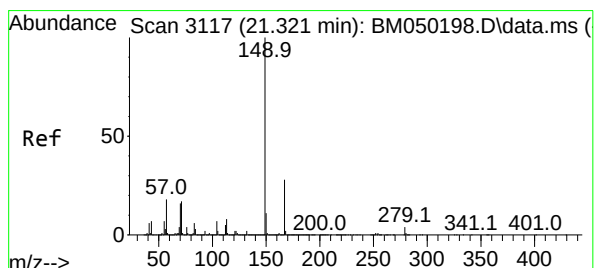
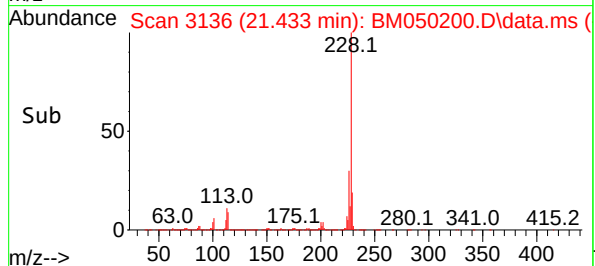
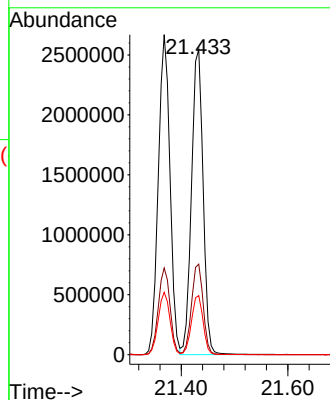
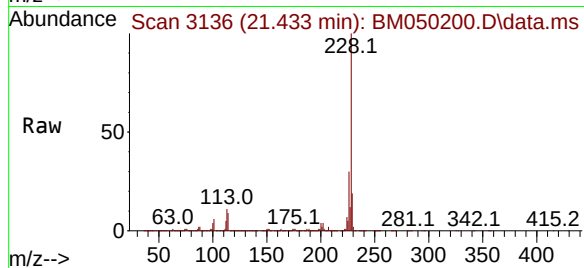
Tgt Ion:228 Resp: 3854906

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

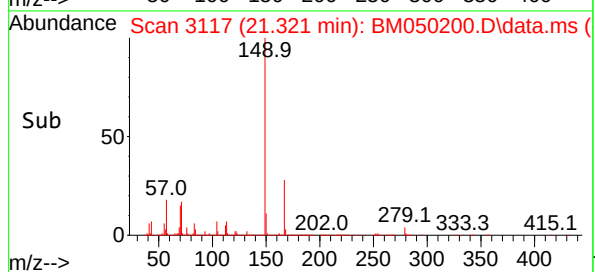
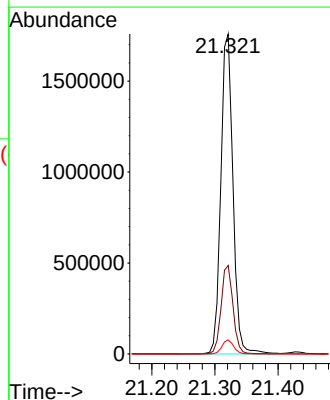
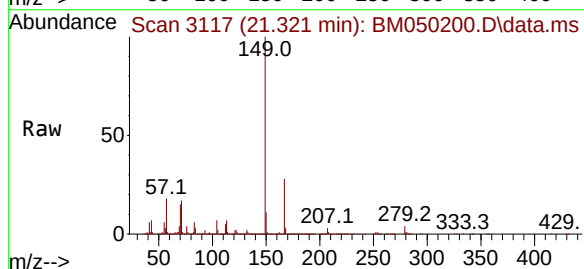
Tgt Ion:149 Resp: 2349225

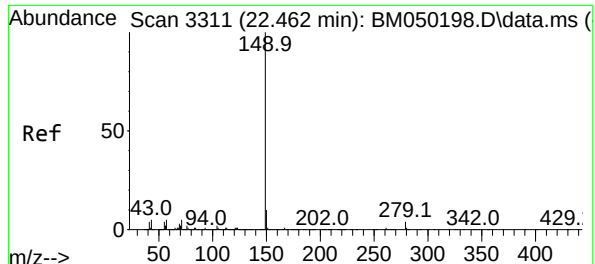
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.4 3.5 5.3

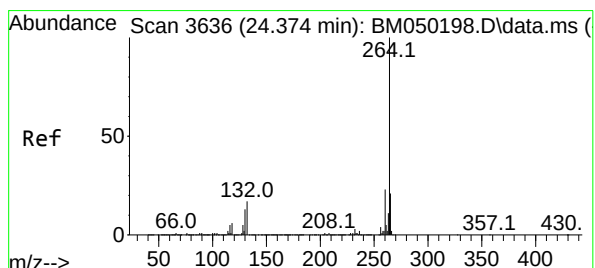
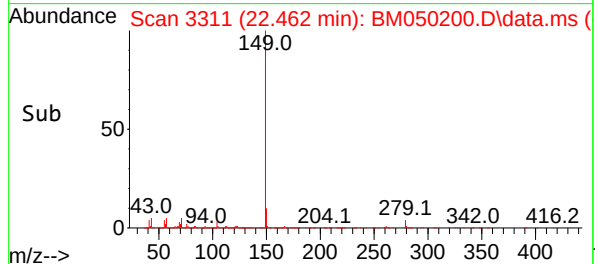
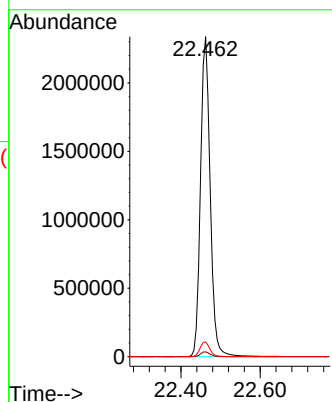
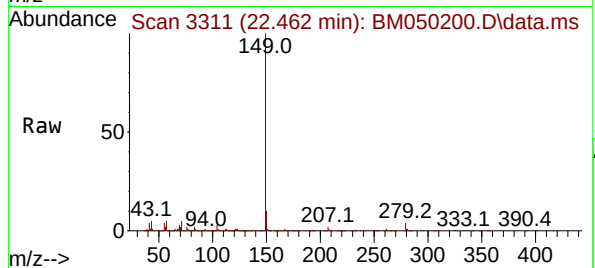




#85
Di-n-octyl phthalate
Concen: 72.708 ng
RT: 22.462 min Scan# 3311
Delta R.T. -0.000 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

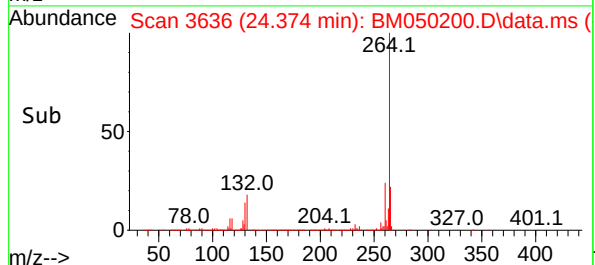
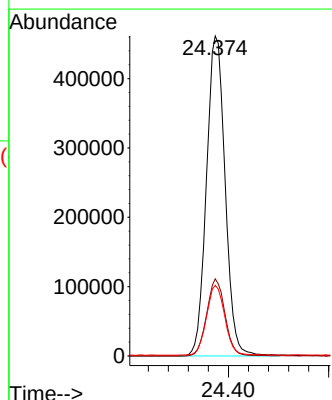
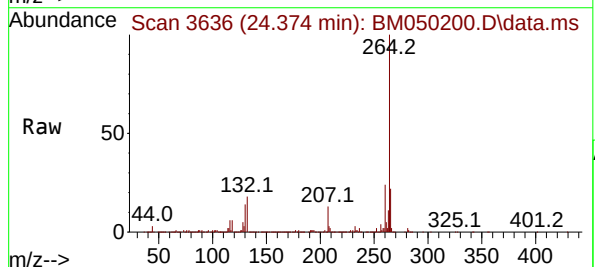
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

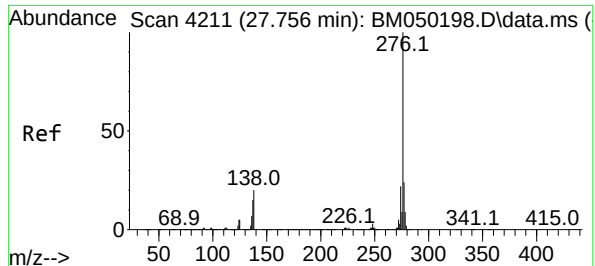
Tgt Ion:149 Resp: 3946065
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8



#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

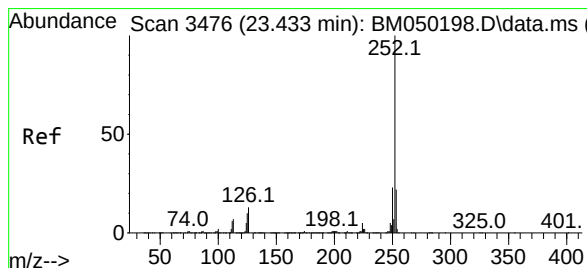
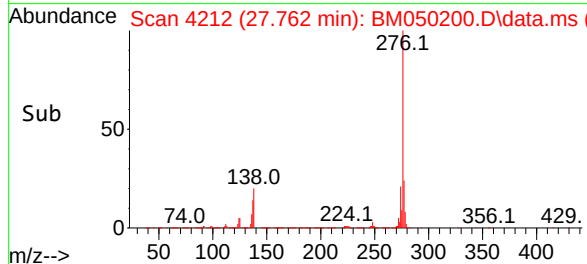
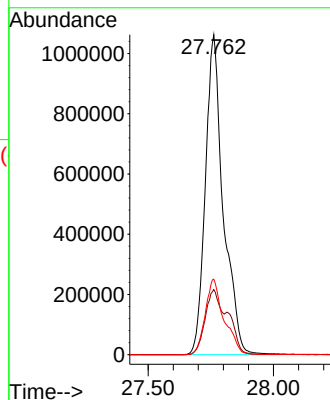
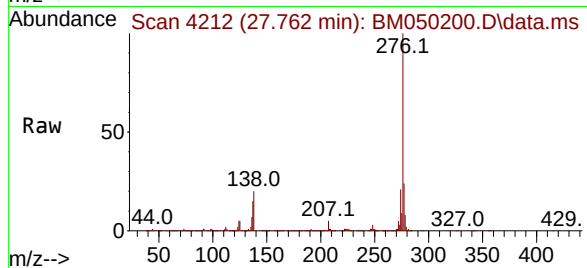




#87
Indeno(1,2,3-cd)pyrene
Concen: 68.579 ng
RT: 27.762 min Scan# 4211
Delta R.T. 0.005 min
Lab File: BM050200.D
Acq: 05 Jun 2025 13:16

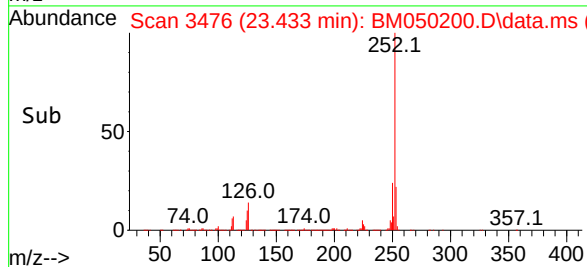
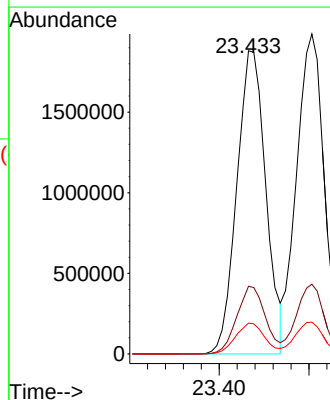
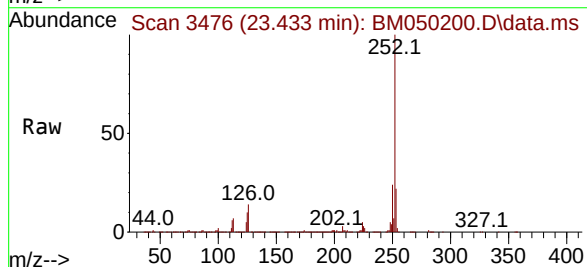
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

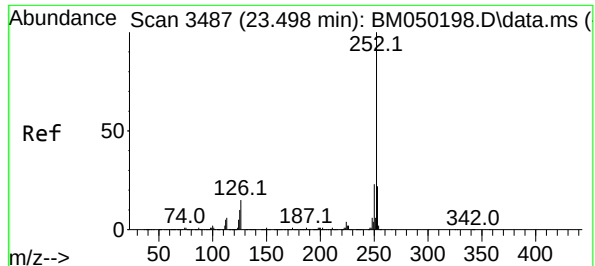
Tgt Ion:276 Resp: 5275171
Ion Ratio Lower Upper
276 100
138 18.1 20.6 30.8#
277 24.8 19.8 29.6



#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# 34

Delta R.T. 0.005 min

Lab File: BM050200.D

Acq: 05 Jun 2025 13:16

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

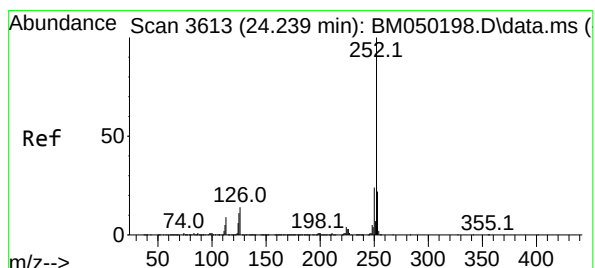
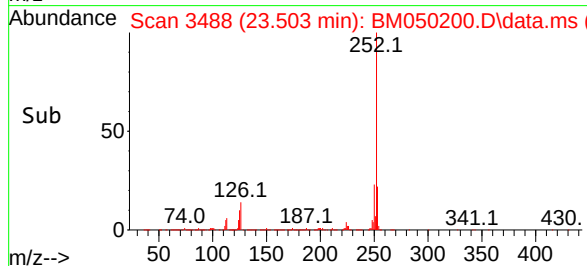
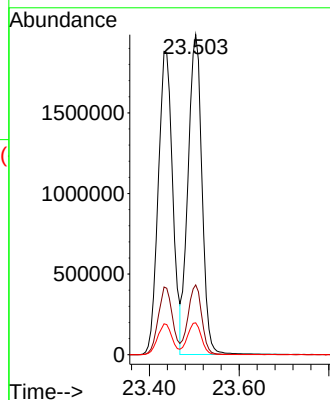
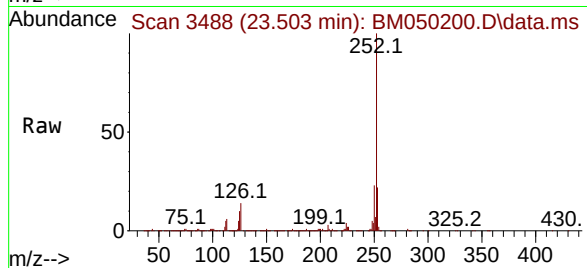
Tgt Ion:252 Resp: 4265446

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

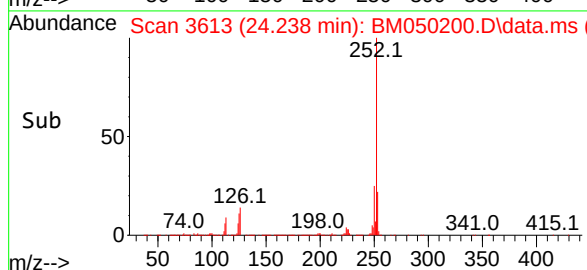
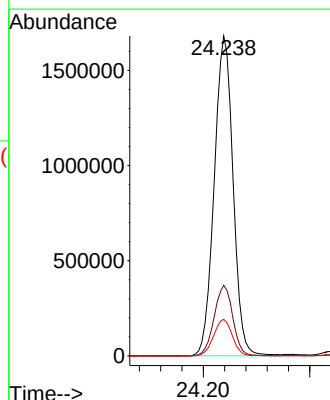
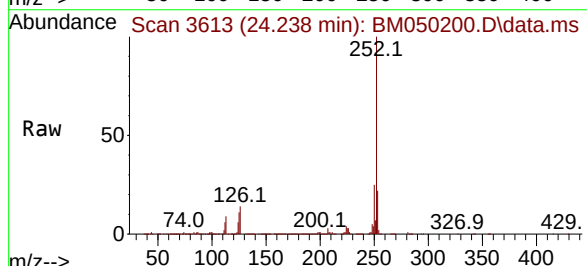
Tgt Ion:252 Resp: 4132525

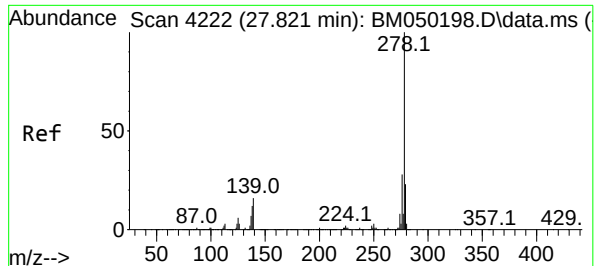
Ion Ratio Lower Upper

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

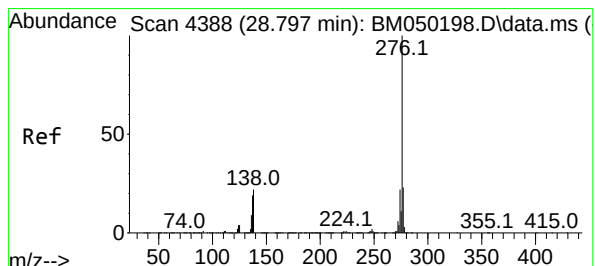
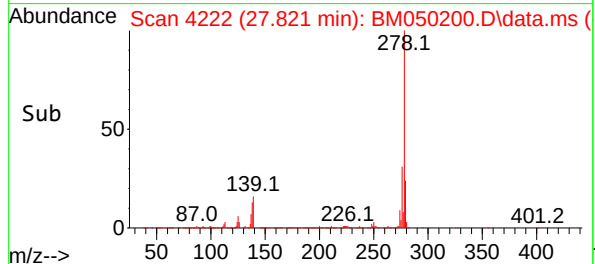
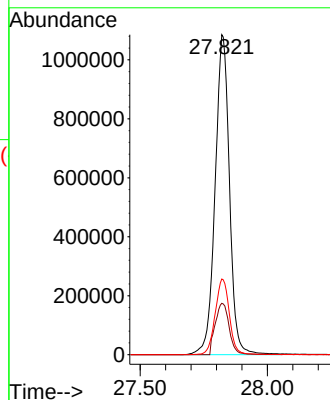
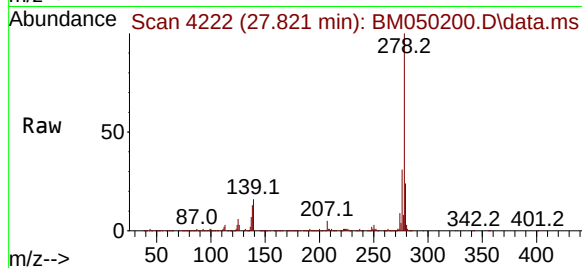
Tgt Ion:278 Resp: 4258292

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

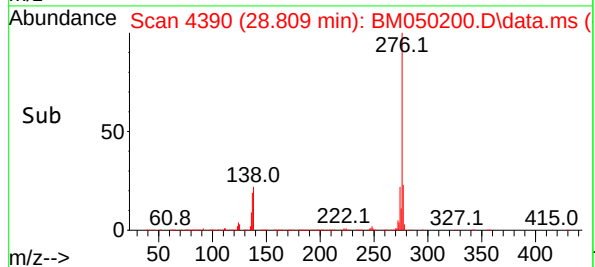
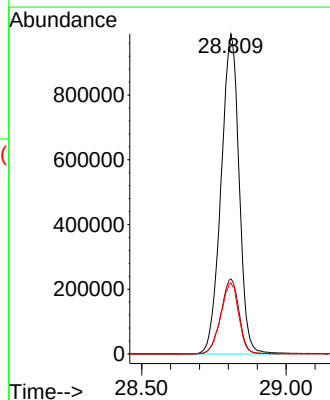
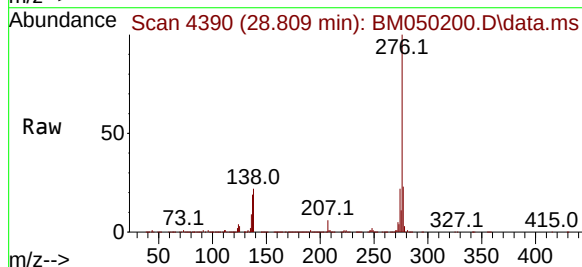
Tgt Ion:276 Resp: 4279836

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

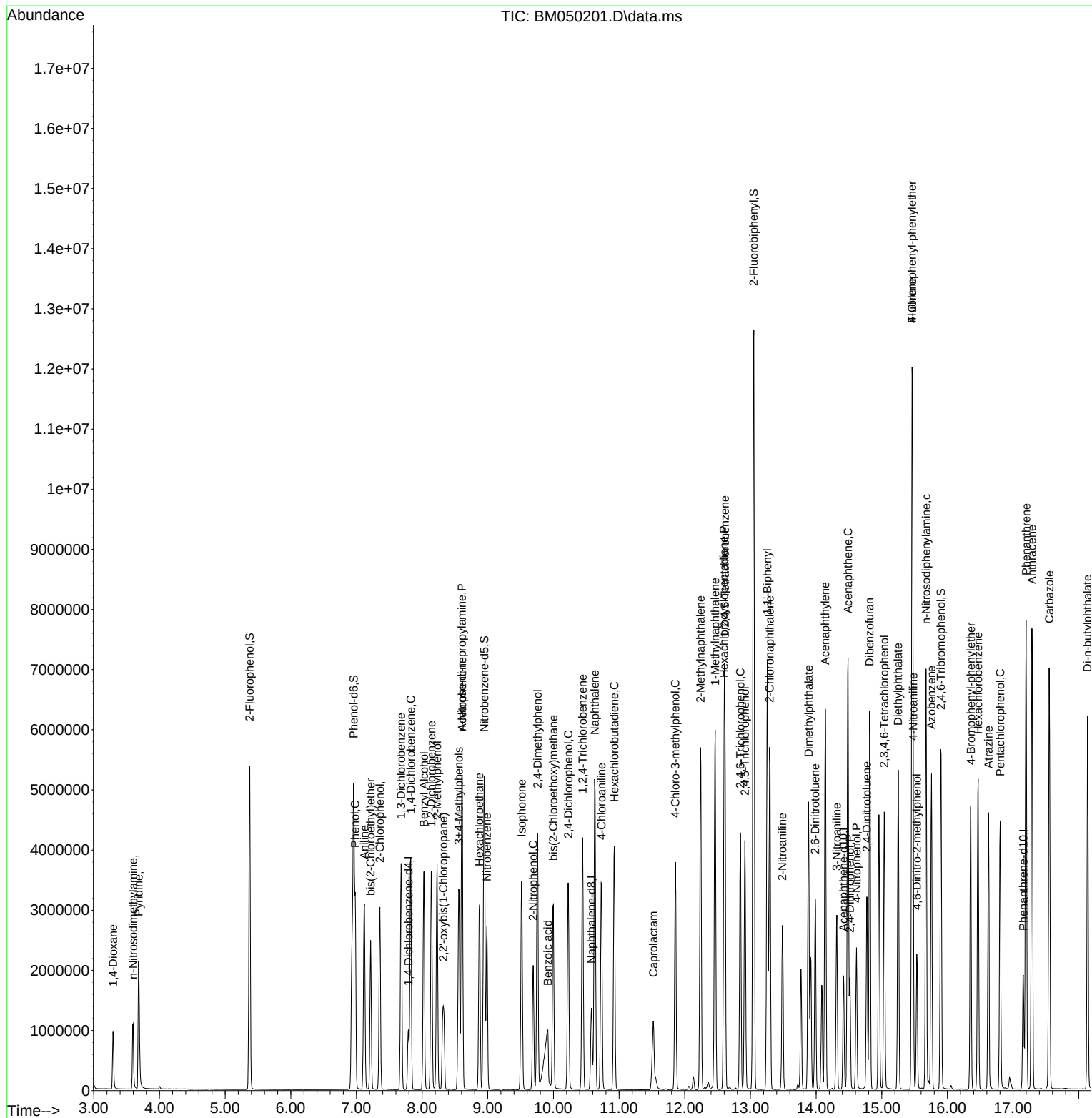
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	3756723	76.752	ng	99
47) 2-Chloronaphthalene	13.292	162	2936913	77.180	ng	99
48) 2-Nitroaniline	13.486	65	725090	86.588	ng	98
49) Acenaphthylene	14.139	152	4768813	77.481	ng	100
50) Dimethylphthalate	13.886	163	3356061	75.915	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

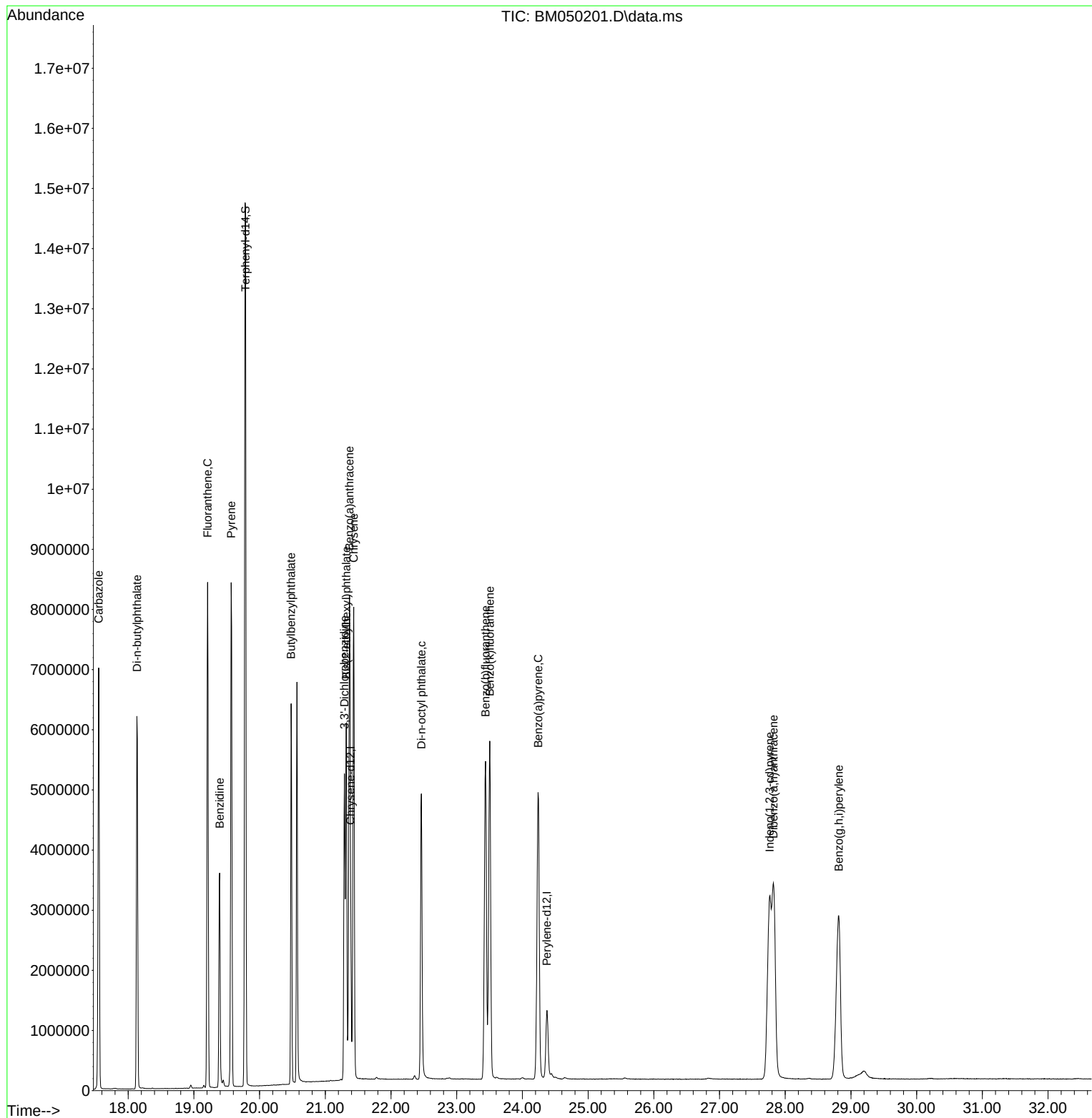
Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

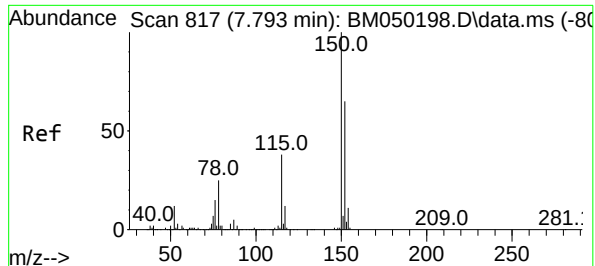


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

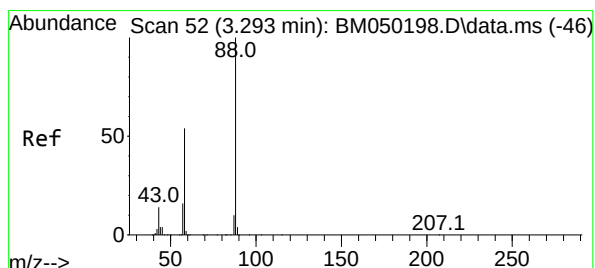
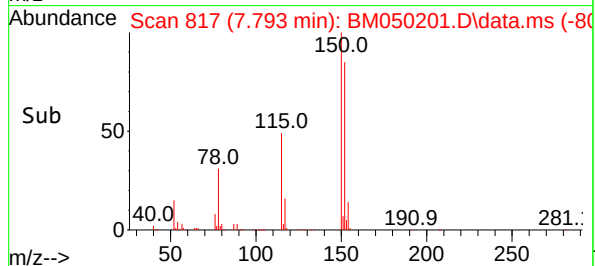
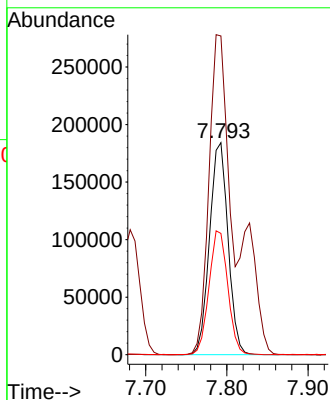
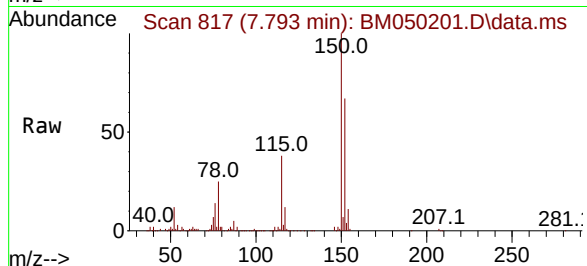




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

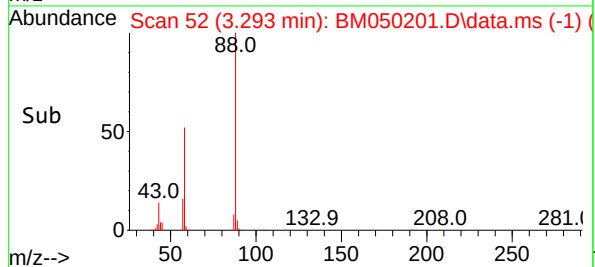
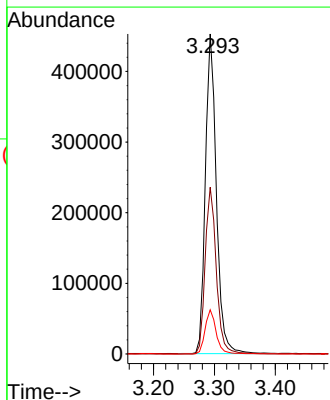
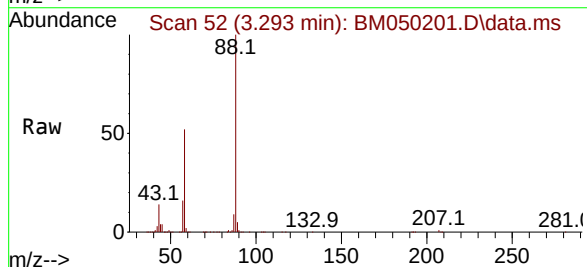
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

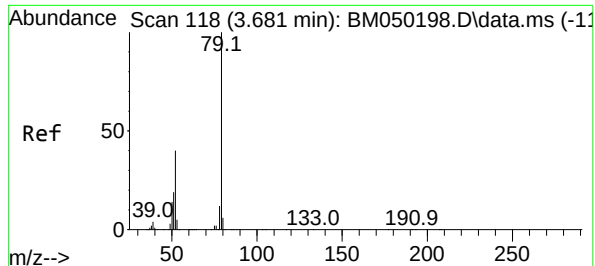
Tgt Ion:152 Resp: 291644
Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.4
115 57.2 46.3 69.5



#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 :

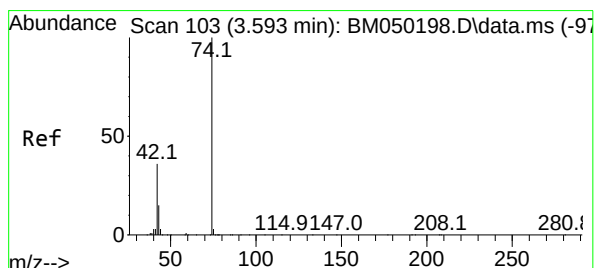
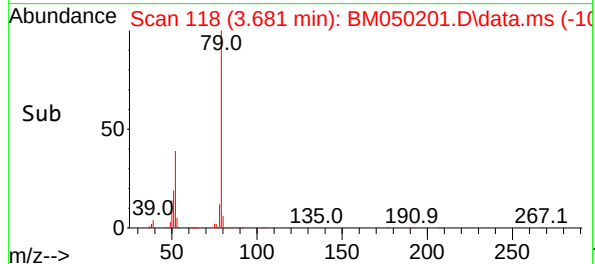
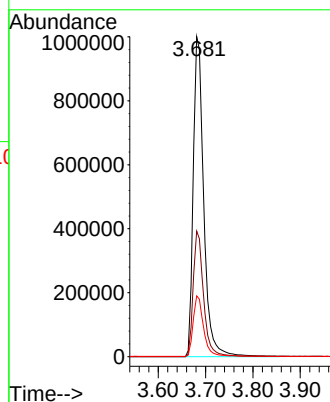
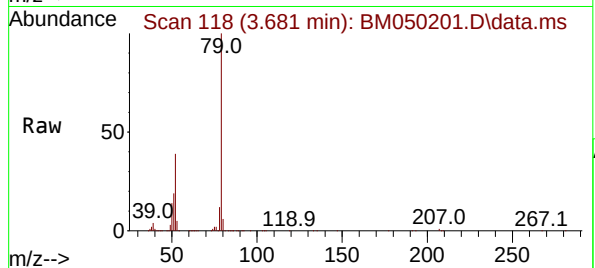
BNA_M

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

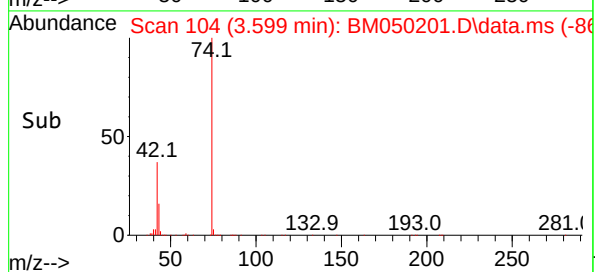
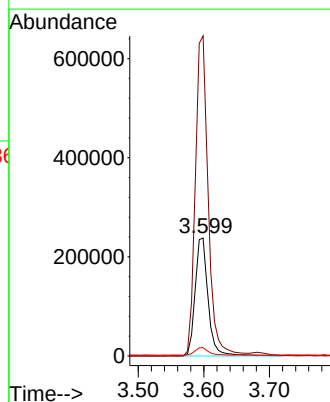
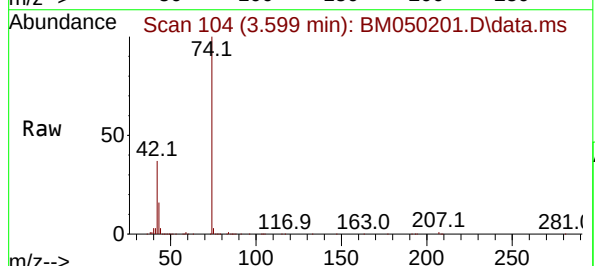
Delta R.T. 0.006 min

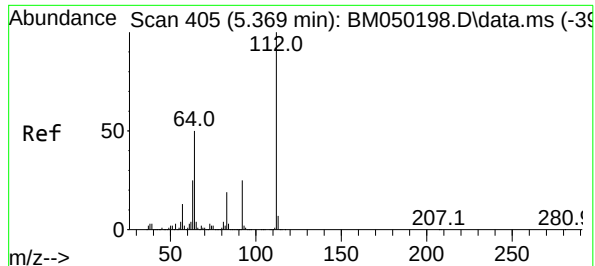
Lab File: BM050201.D

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 :

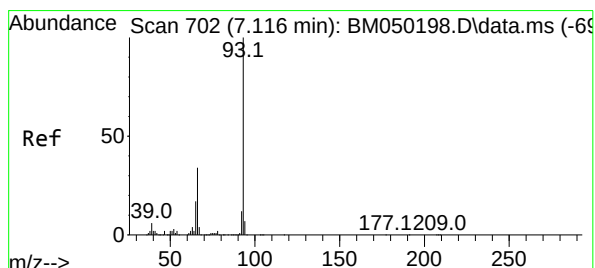
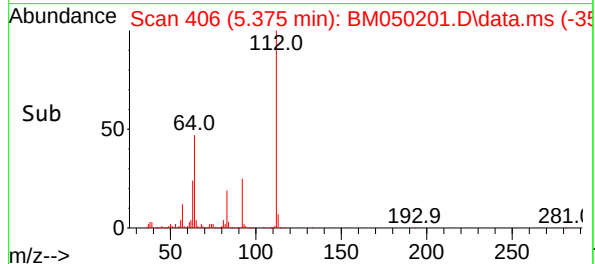
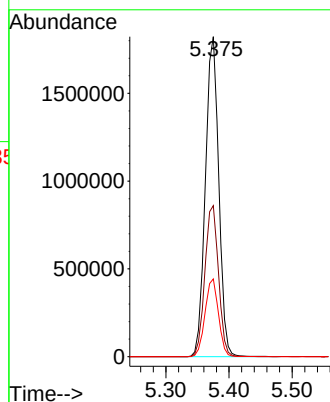
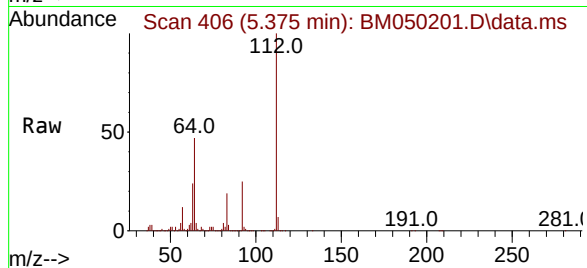
BNA_M

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

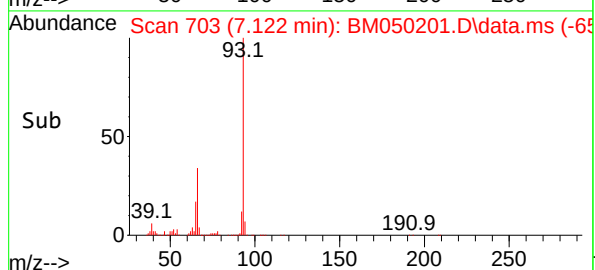
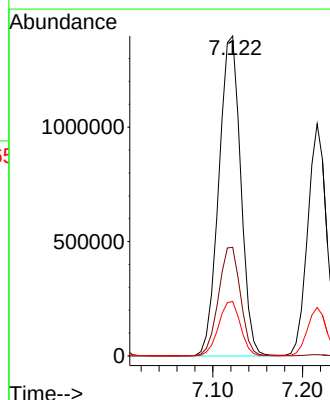
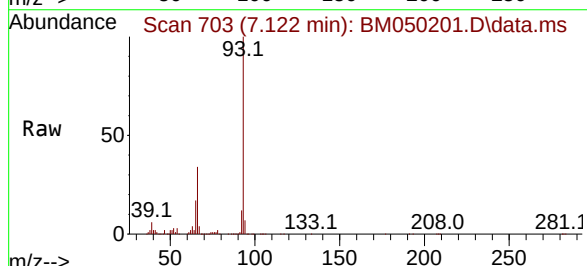
Delta R.T. 0.006 min

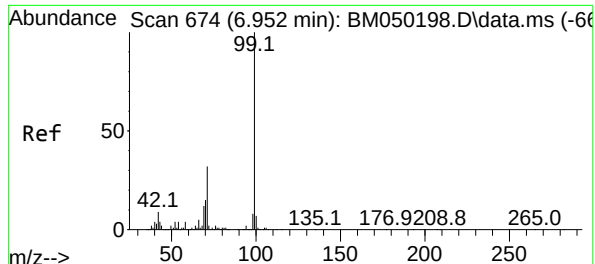
Lab File: BM050201.D

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

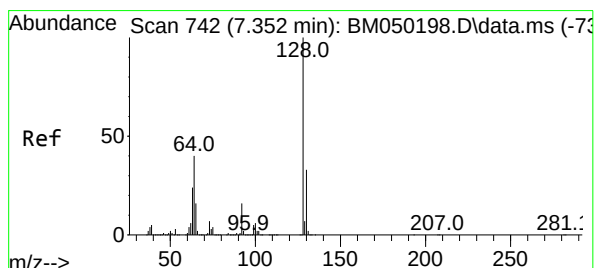
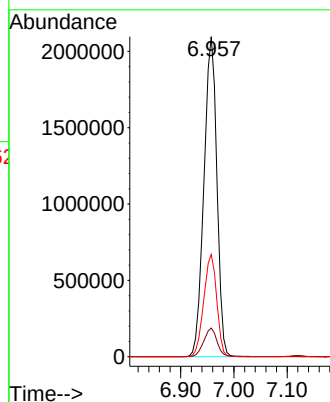
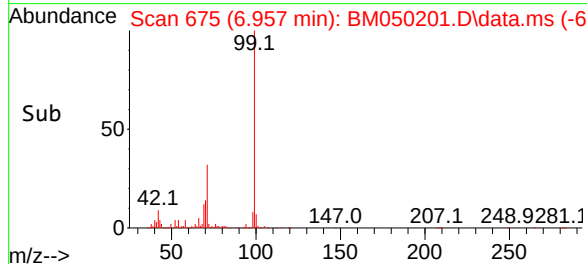
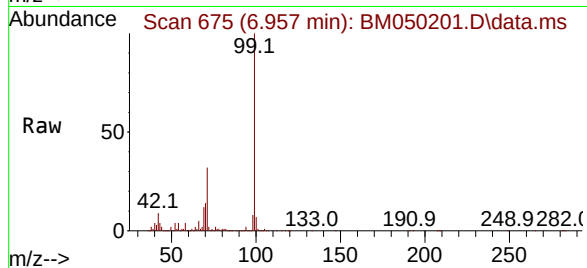




#7
Phenol-d6
Concen: 153.692 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

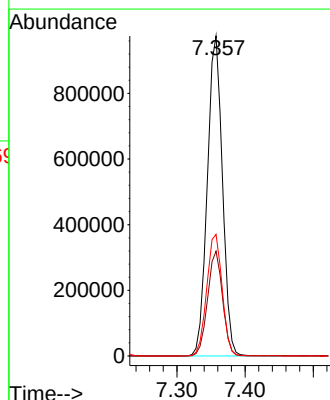
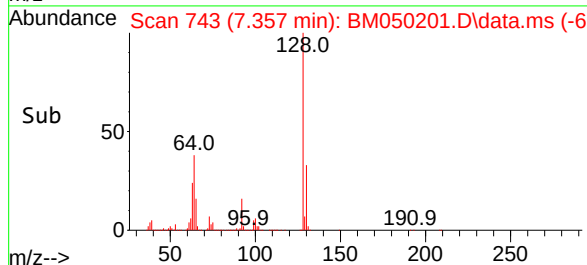
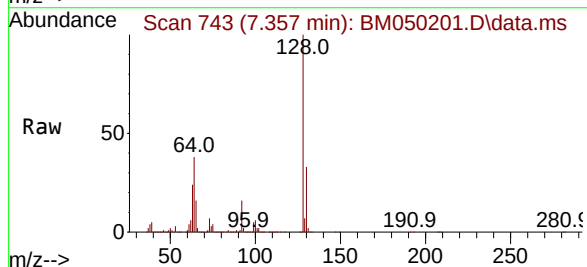
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

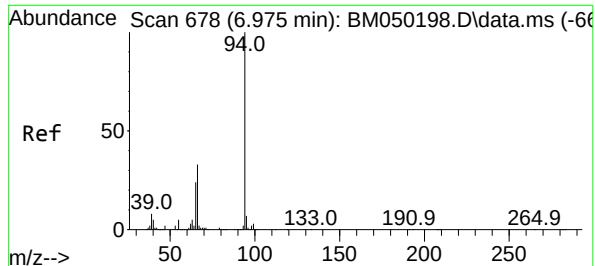
Tgt Ion: 99 Resp: 3537202
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.0 25.3 37.9



#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 :

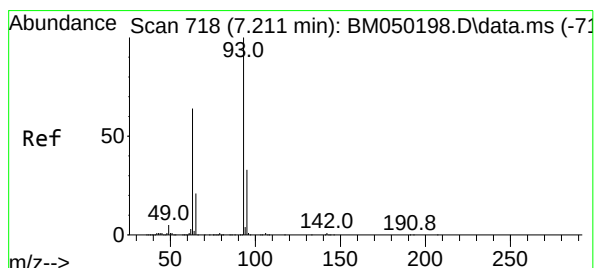
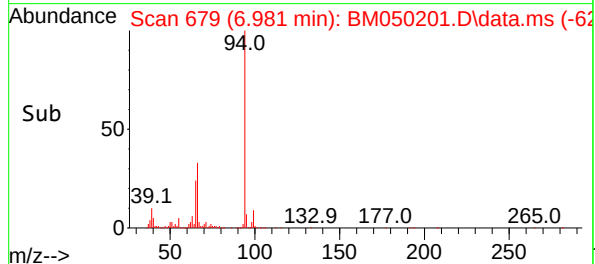
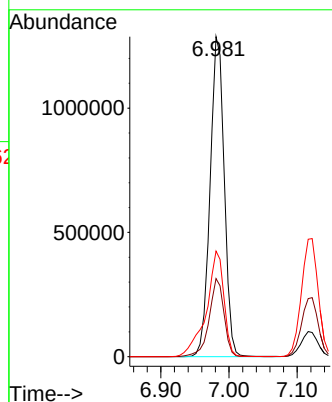
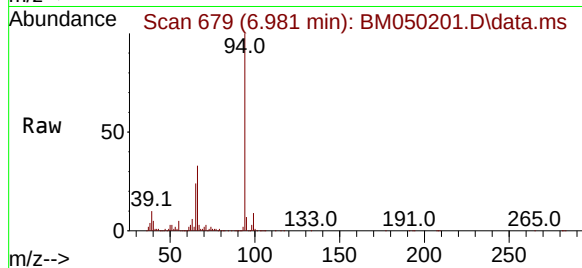
BNA_M

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

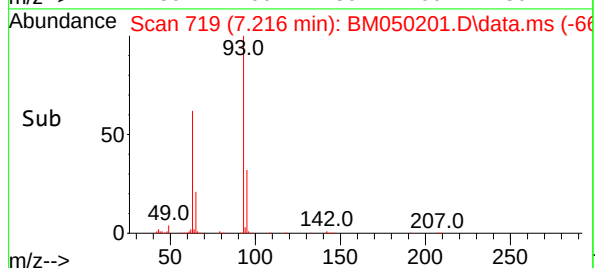
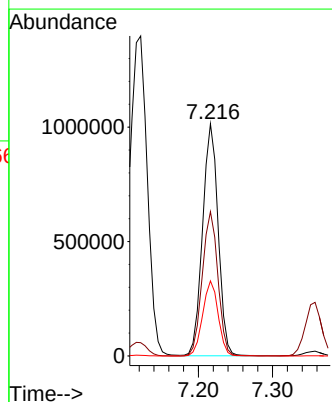
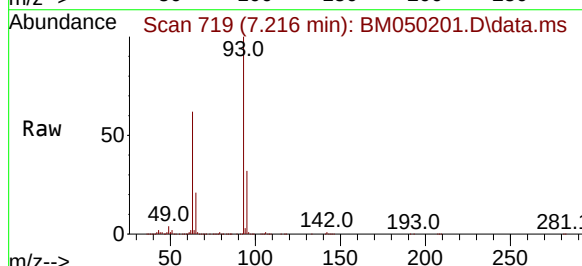
Delta R.T. 0.006 min

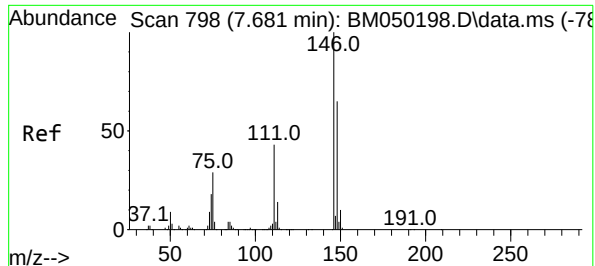
Lab File: BM050201.D

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

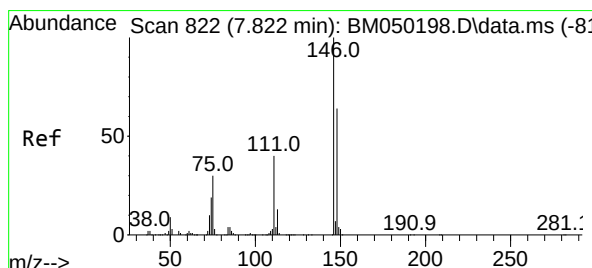
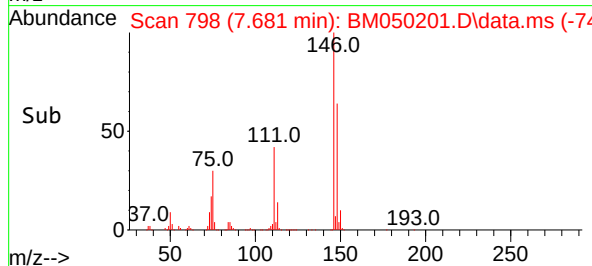
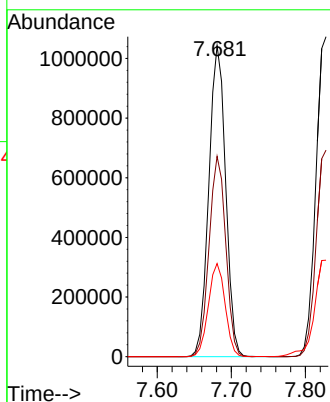
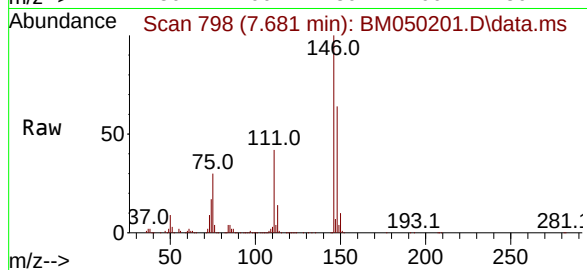
Tgt Ion:146 Resp: 1643168

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

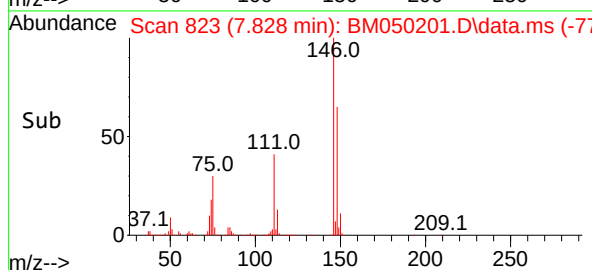
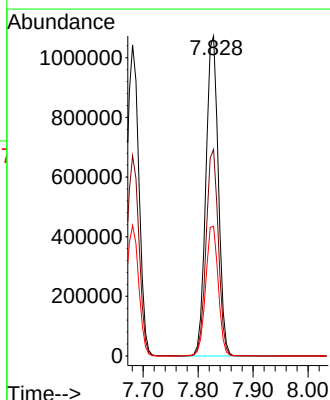
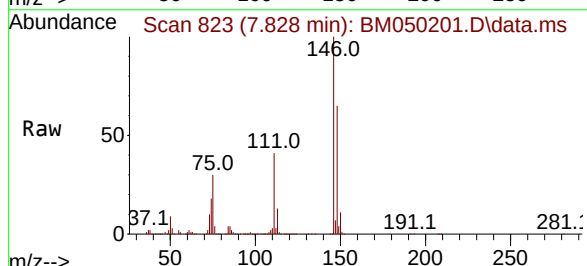
Tgt Ion:146 Resp: 1685110

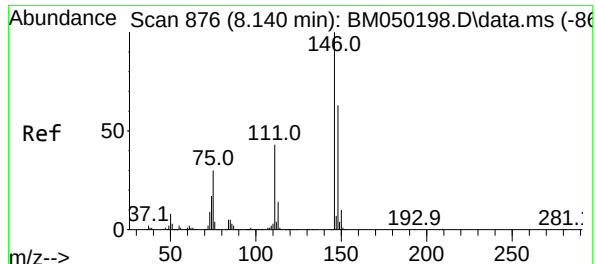
Ion Ratio Lower Upper

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

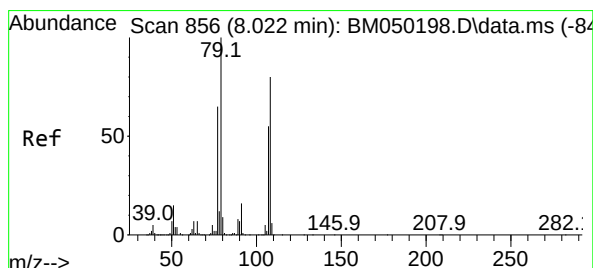
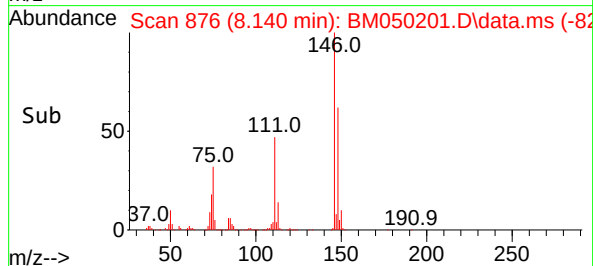
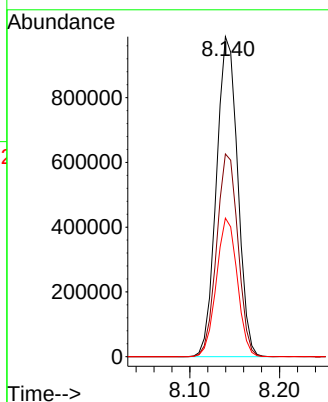
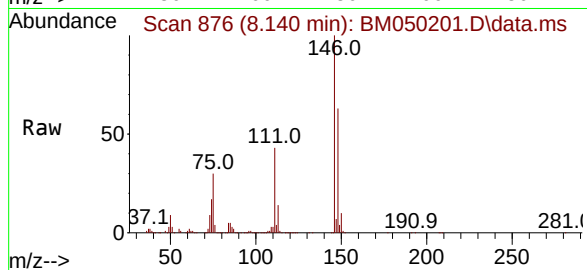
Tgt Ion:146 Resp: 1624137

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

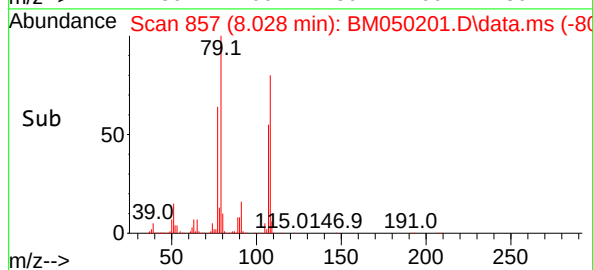
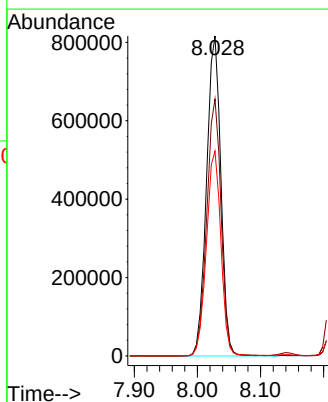
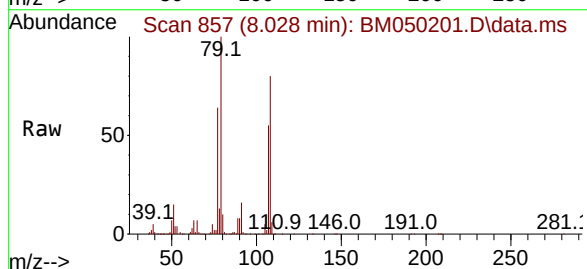
Tgt Ion: 79 Resp: 1284953

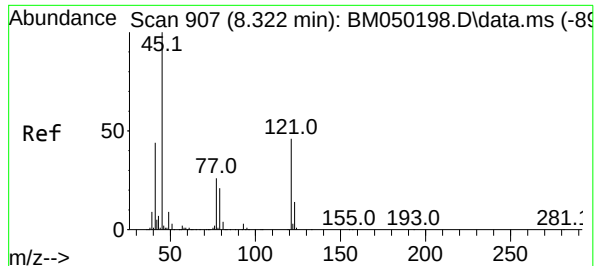
Ion Ratio Lower Upper

79 100

108 80.3 64.0 96.0

77 64.0 52.2 78.2

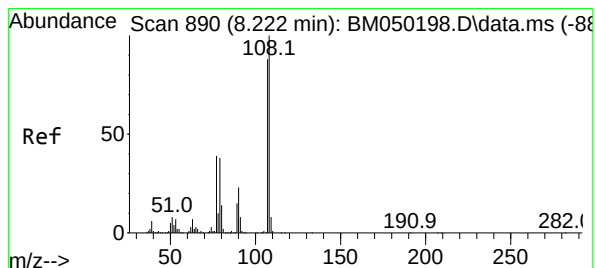
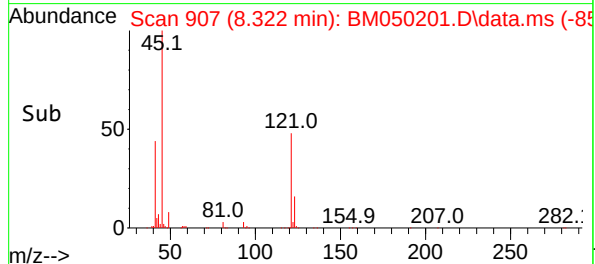
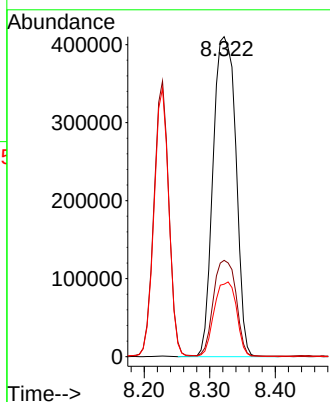
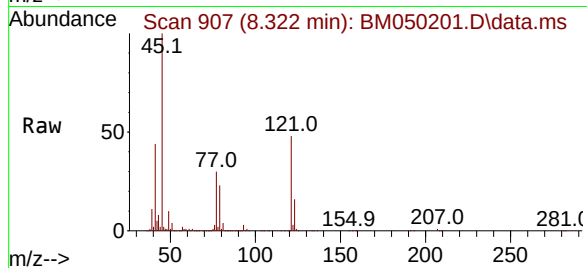




#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.476 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

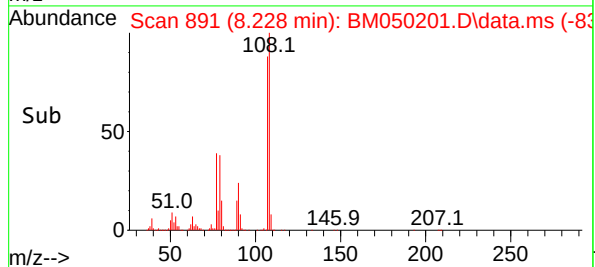
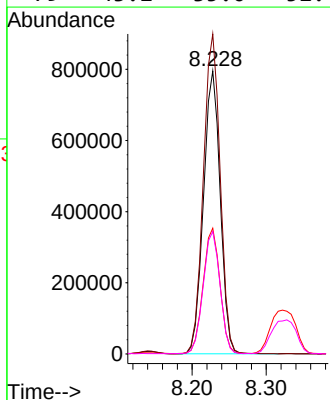
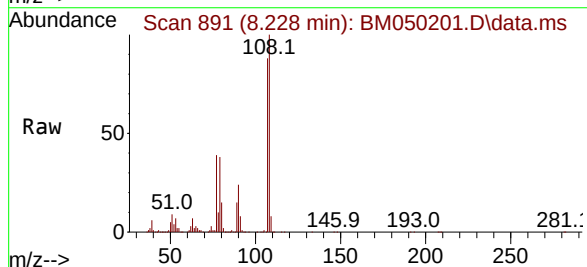
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

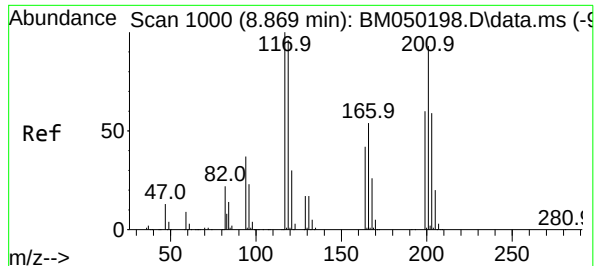
Tgt Ion: 45 Resp: 986129
Ion Ratio Lower Upper
45 100
77 30.1 8.7 48.7
79 22.6 2.7 42.7



#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

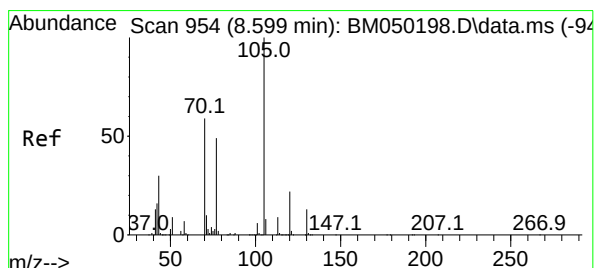
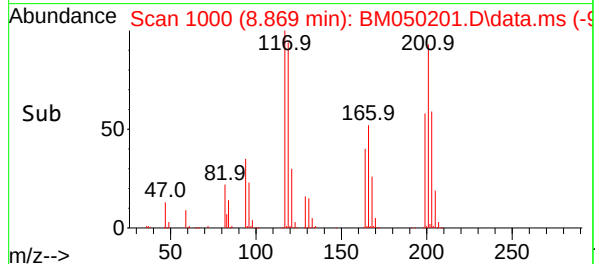
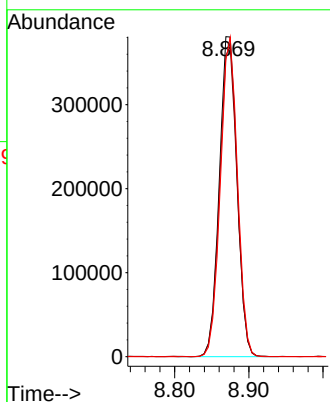
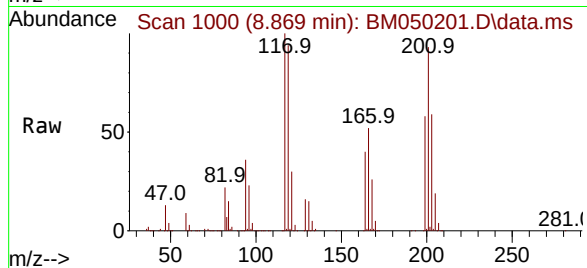




#18
Hexachloroethane
Concen: 78.215 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

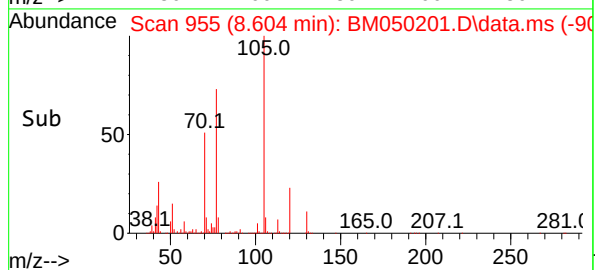
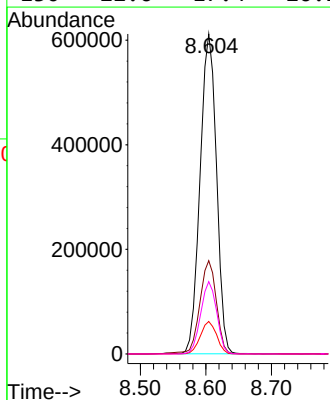
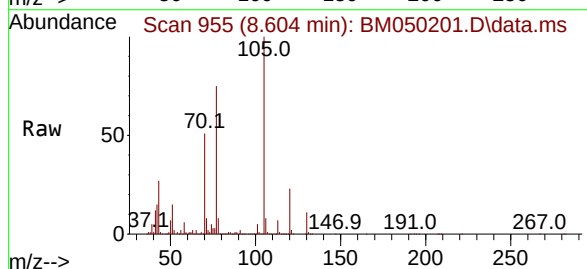
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

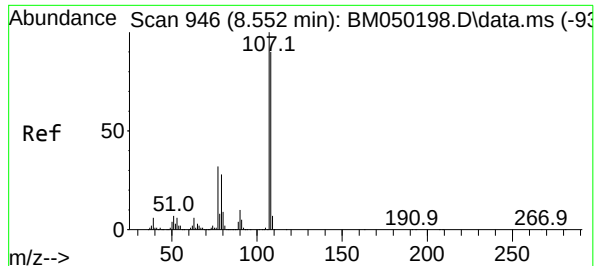
Tgt Ion:117 Resp: 633589
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6
201 92.8 74.6 111.8



#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

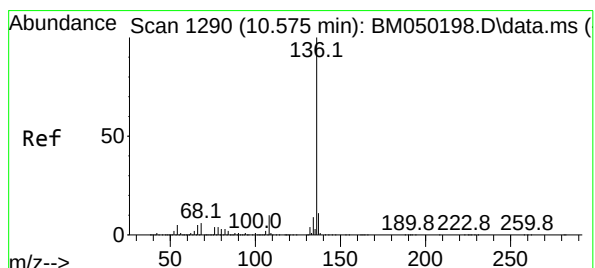
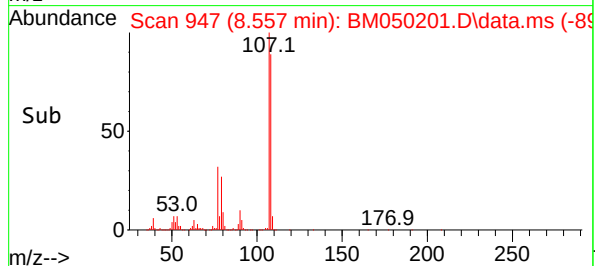
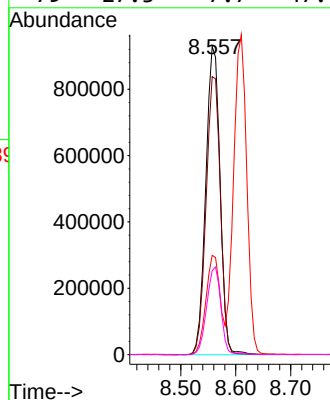
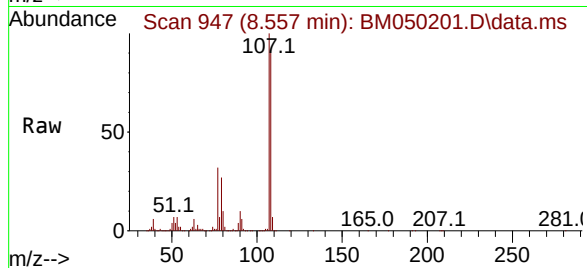
Ion	Ratio	Lower	Upper

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

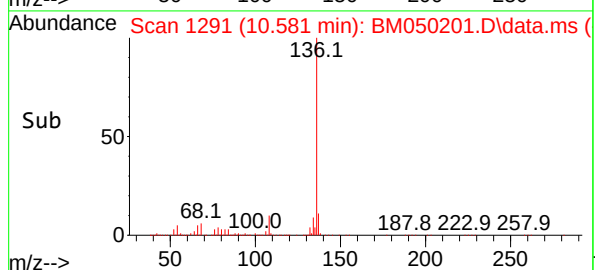
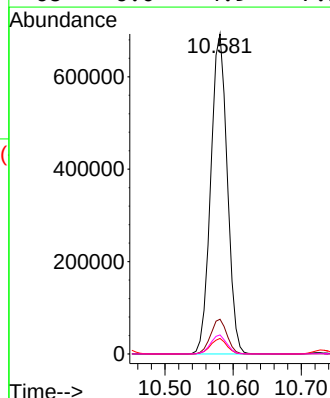
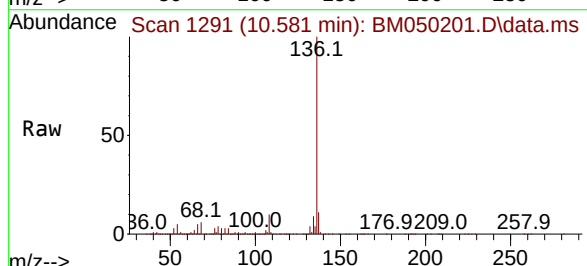
Ion	Ratio	Lower	Upper

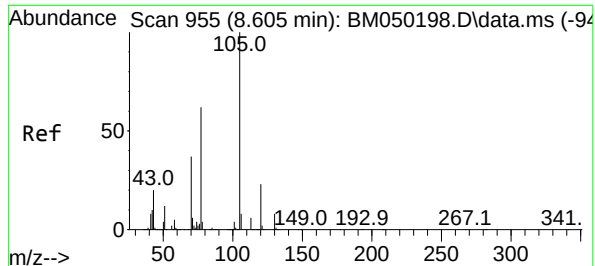
136	100		

137	10.8	8.6	13.0

54	4.8	3.8	5.8

68	6.0	4.9	7.3

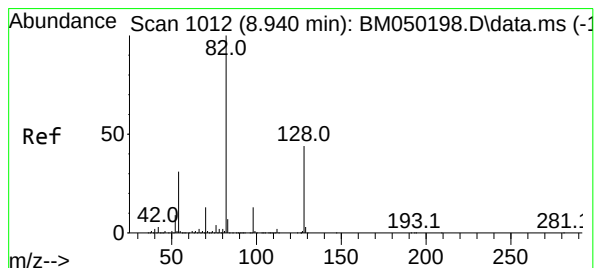
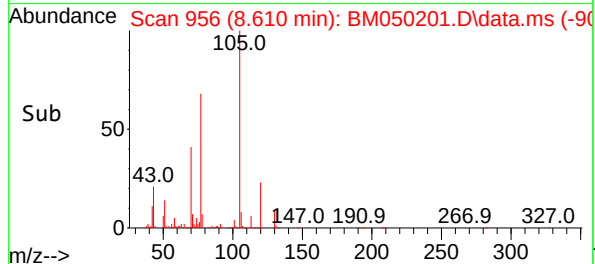
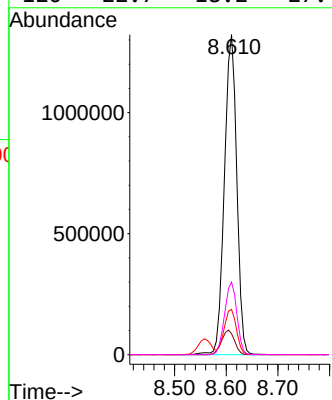
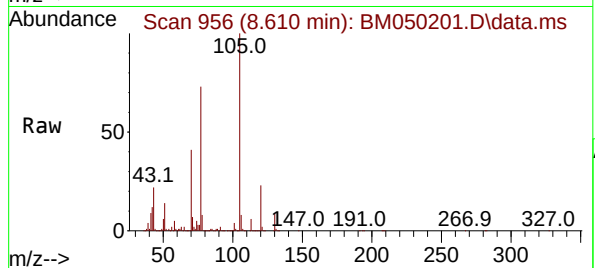




#22
Acetophenone
Concen: 75.217 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

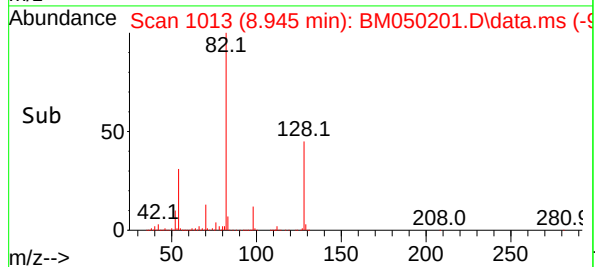
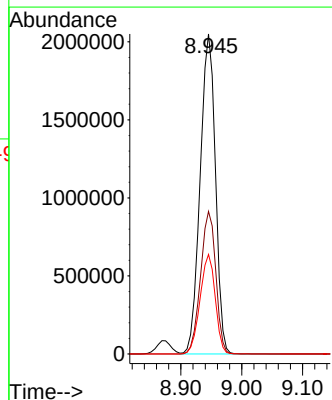
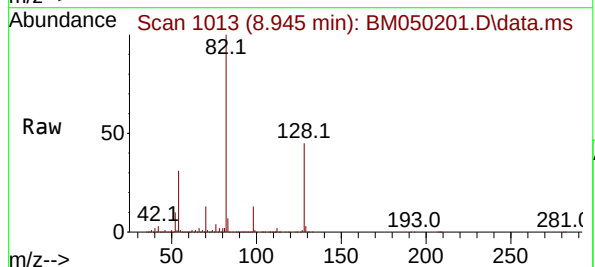
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

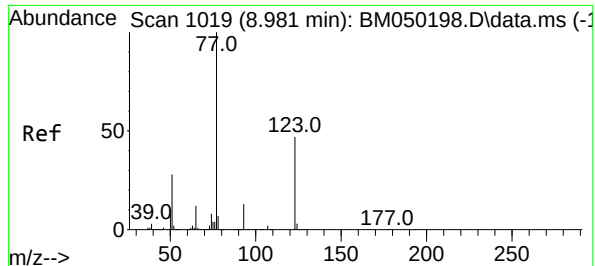
Tgt Ion:105 Resp: 2192477
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 14.2 11.4 17.2
120 22.7 18.2 27.4



#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# 110

Delta R.T. 0.006 min

Lab File: BM050201.D

Acq: 05 Jun 2025 13:56

Instrument :

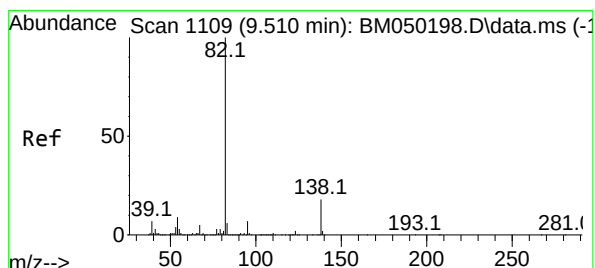
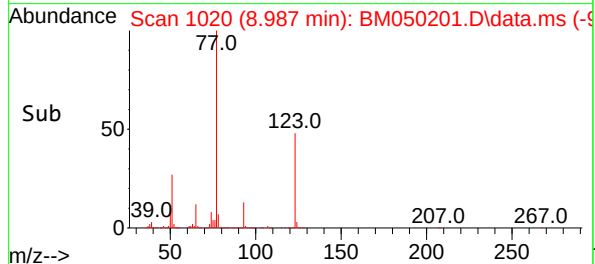
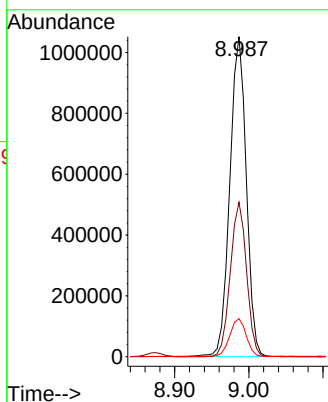
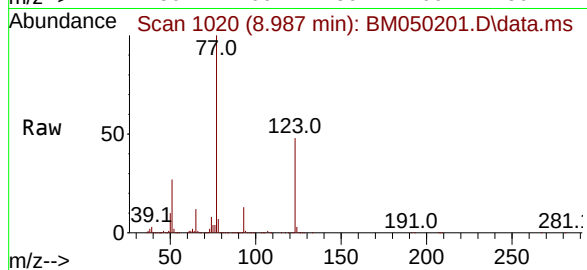
BNA_M

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

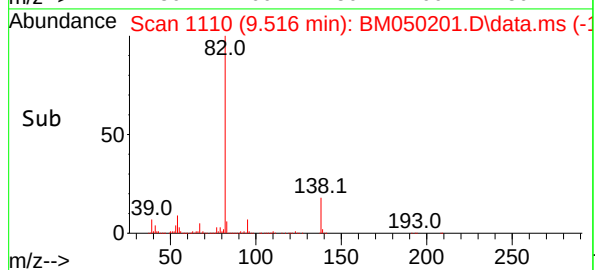
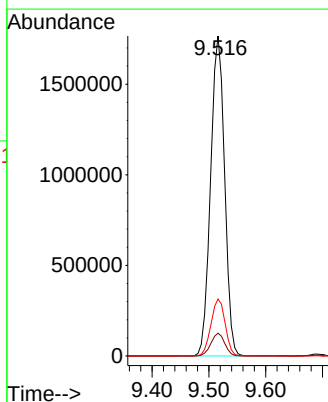
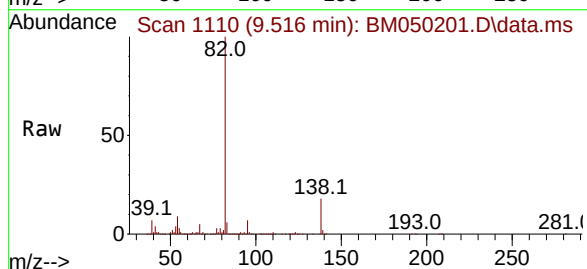
Delta R.T. 0.006 min

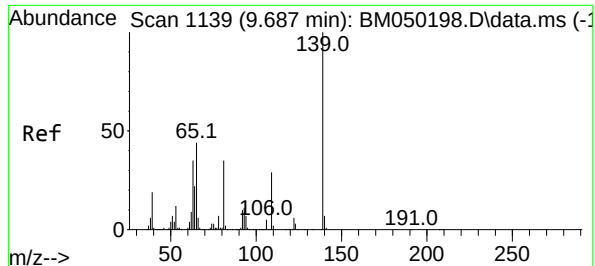
Lab File: BM050201.D

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

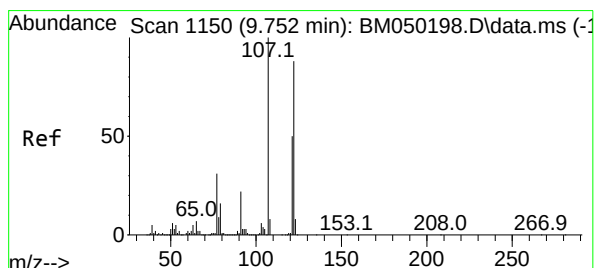
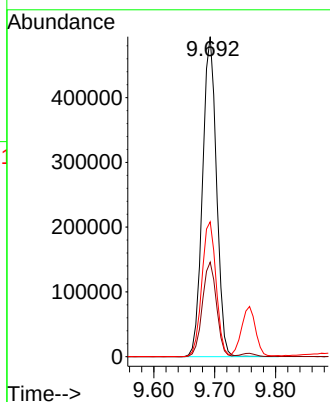
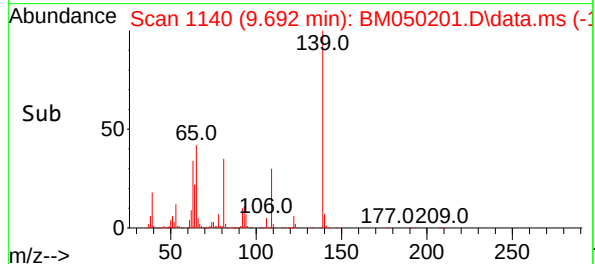
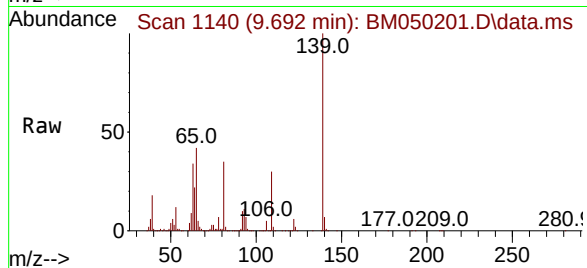




#26
2-Nitrophenol
Concen: 89.538 ng
RT: 9.692 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

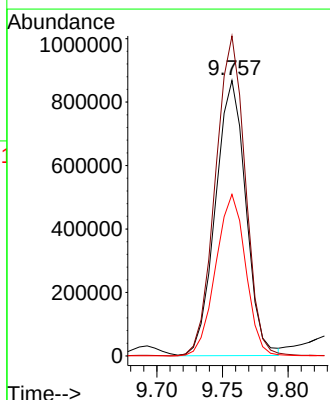
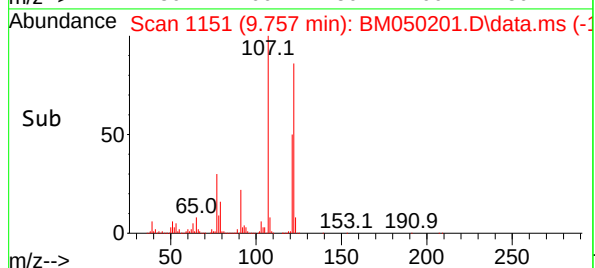
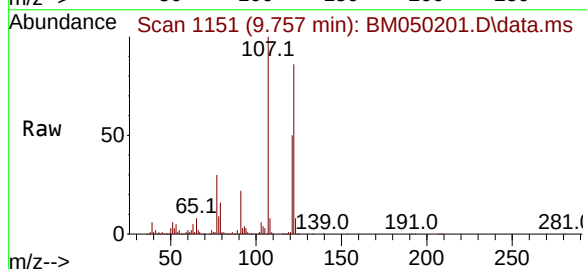
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

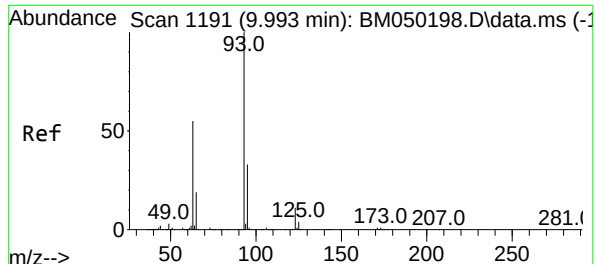
Tgt Ion:139 Resp: 788577
Ion Ratio Lower Upper
139 100
109 29.6 23.3 34.9
65 42.2 35.2 52.8



#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

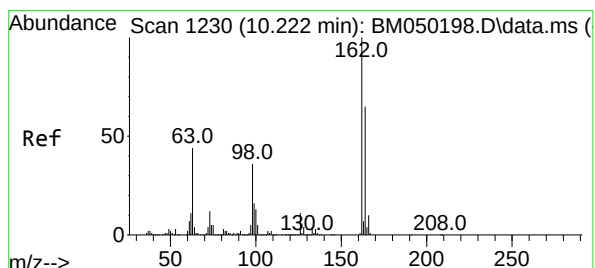
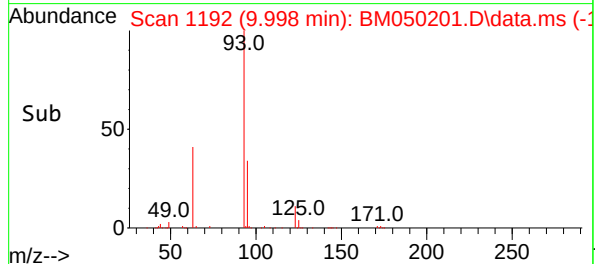
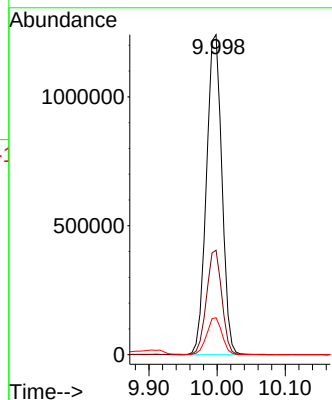
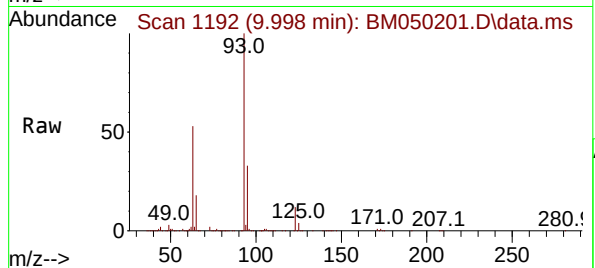




#28
bis(2-Chloroethoxy)methane
Concen: 77.513 ng
RT: 9.998 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

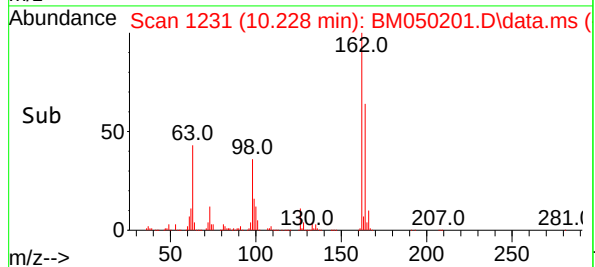
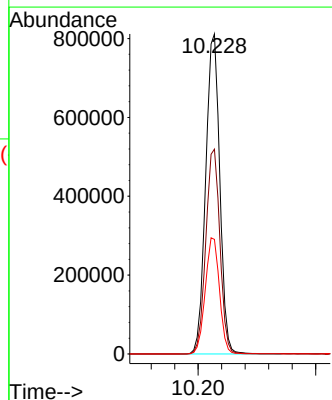
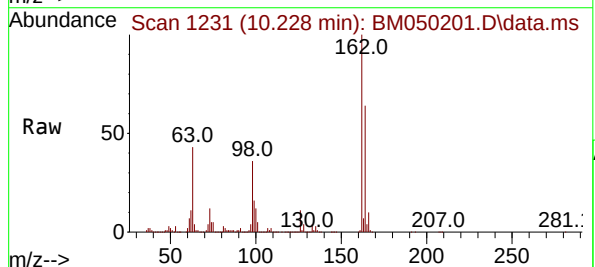
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

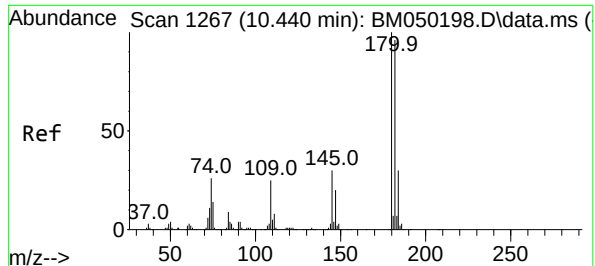
Tgt Ion: 93 Resp: 1960708
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.5 8.9 13.3



#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

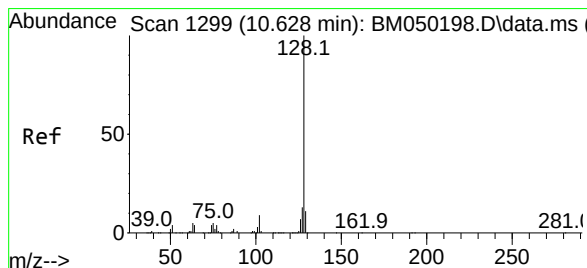
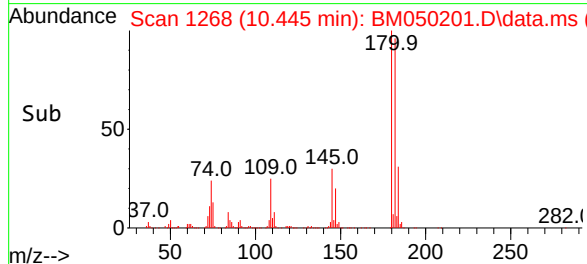
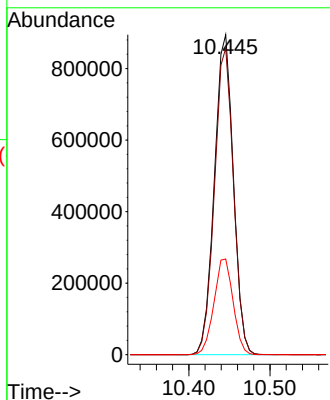
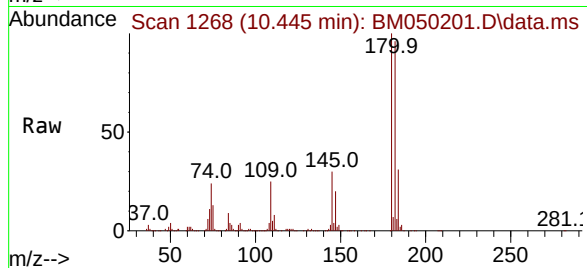




#30
1,2,4-Trichlorobenzene
Concen: 78.151 ng
RT: 10.445 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

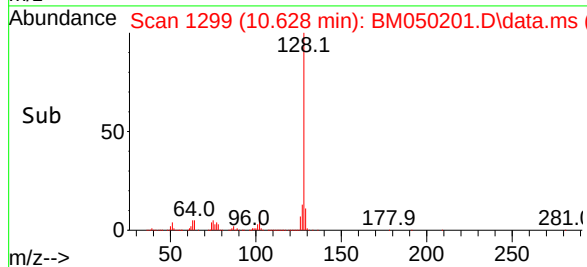
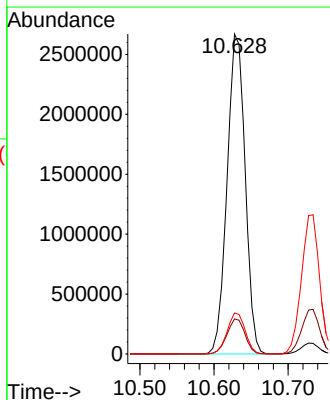
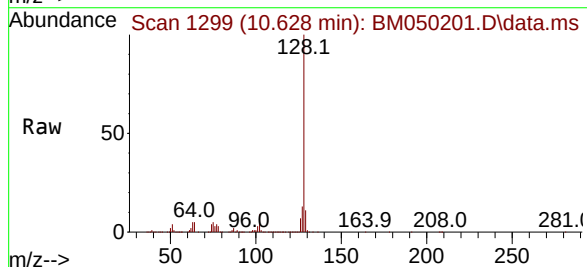
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

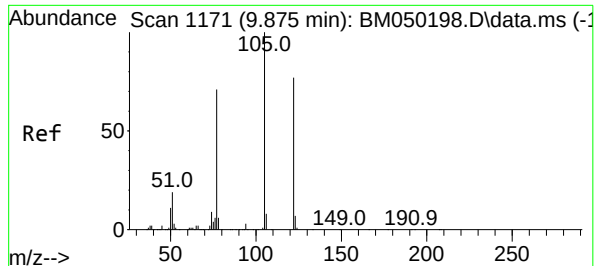
Tgt Ion:180 Resp: 1456329
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 29.9 24.2 36.4



#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

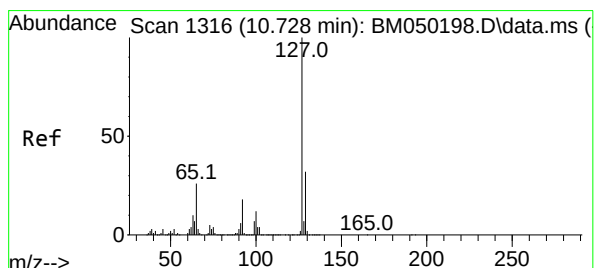
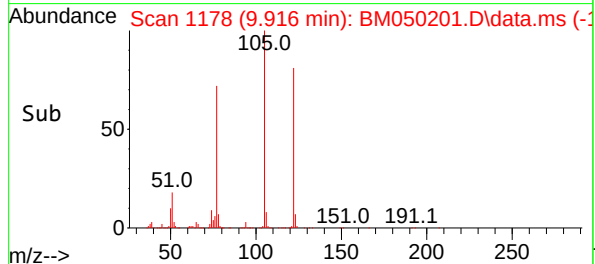
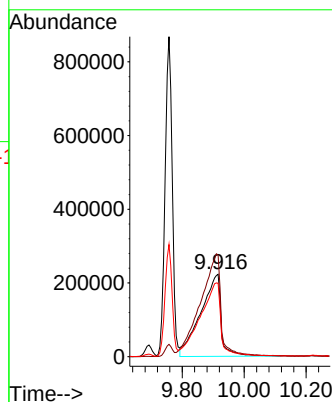
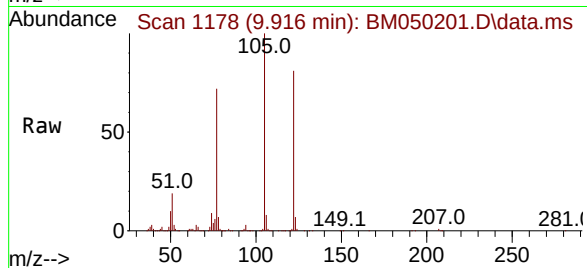




#32
Benzoic acid
Concen: 89.827 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.041 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

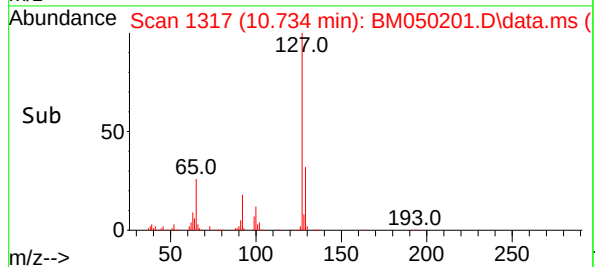
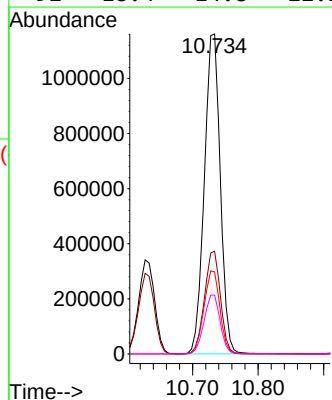
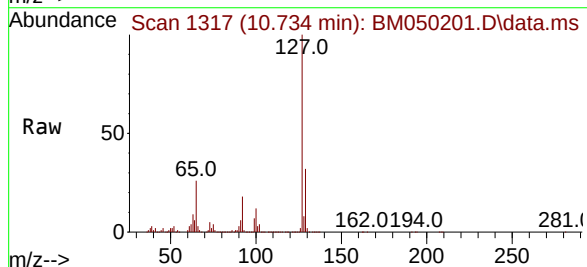
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

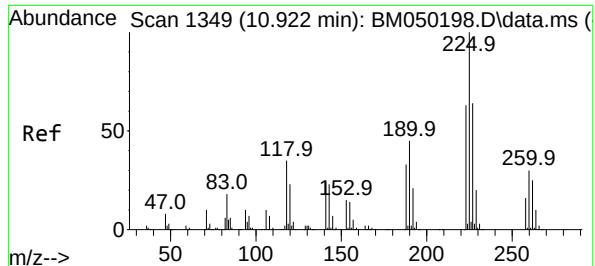
Tgt Ion:122 Resp: 1021552
Ion Ratio Lower Upper
122 100
105 123.5 103.4 143.4
77 89.2 70.3 110.3



#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

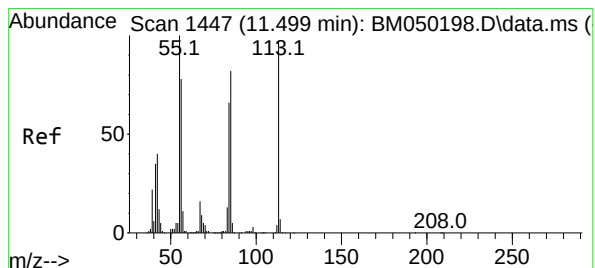
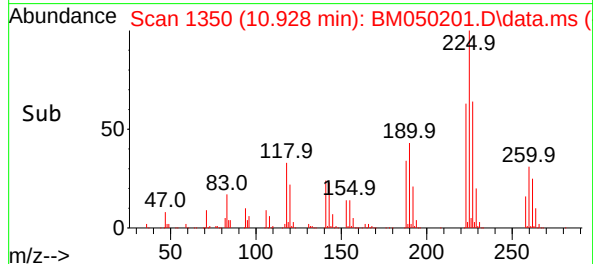
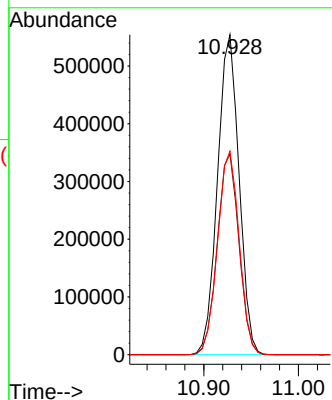
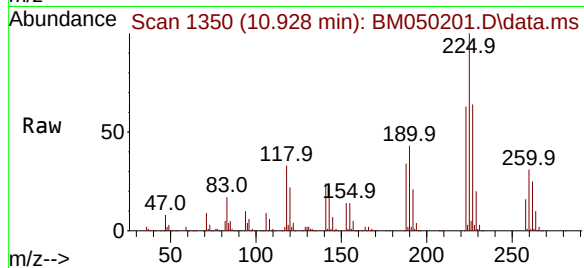




#34
Hexachlorobutadiene
Concen: 79.043 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

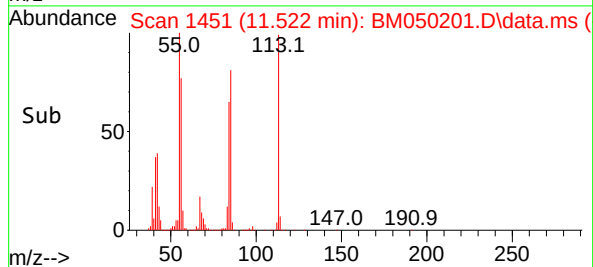
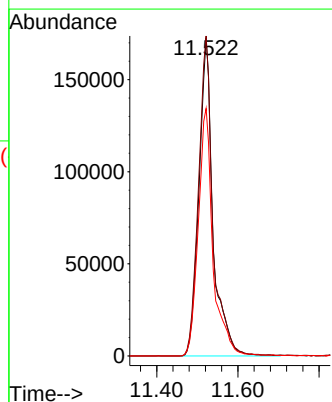
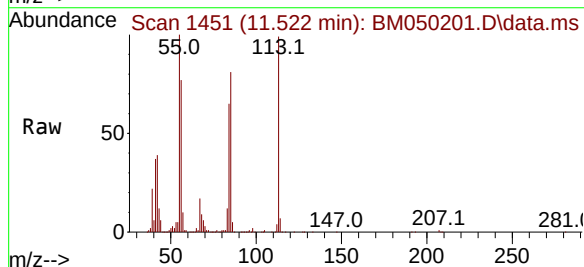
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

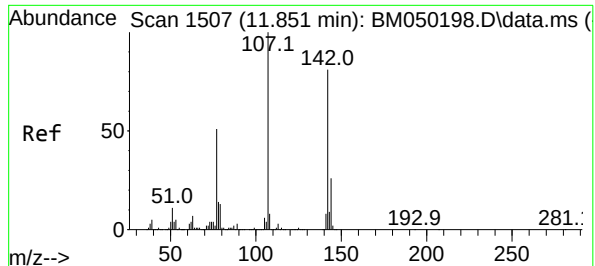
Tgt Ion:225 Resp: 876137
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 63.7 51.0 76.4



#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

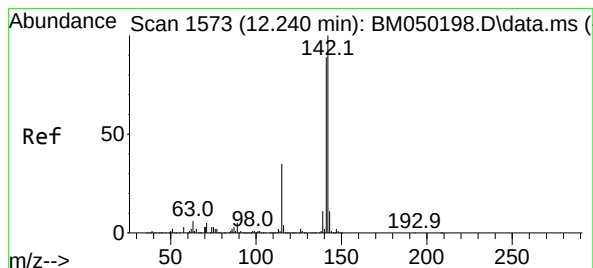
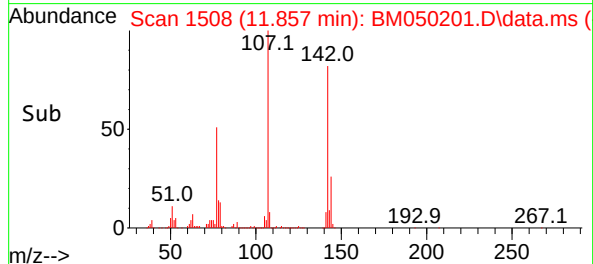
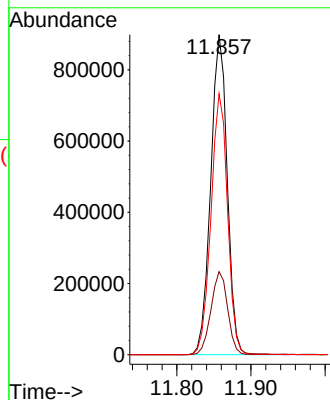
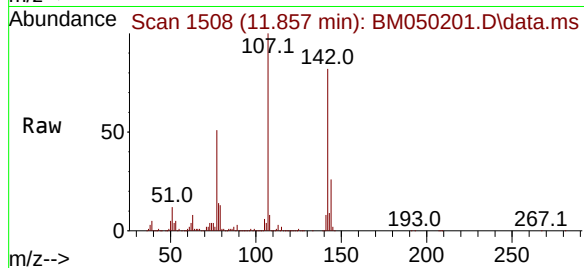




#36
4-Chloro-3-methylphenol
Concen: 77.985 ng
RT: 11.857 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

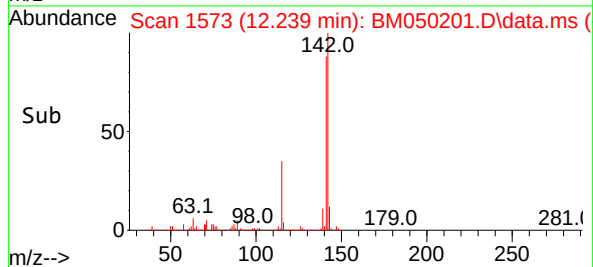
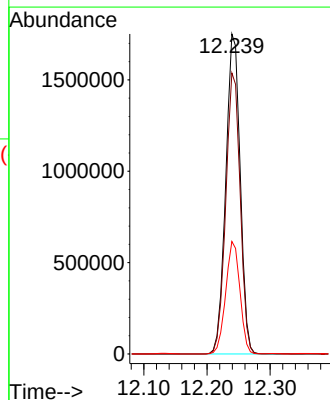
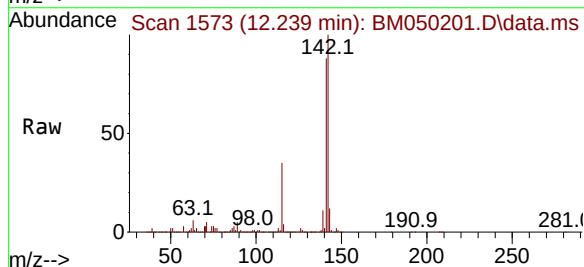
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

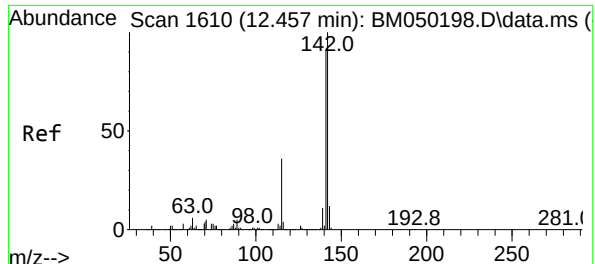
Tgt Ion:107 Resp: 1393503
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 81.5 64.8 97.2



#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

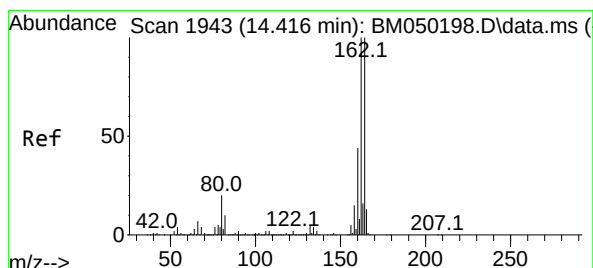
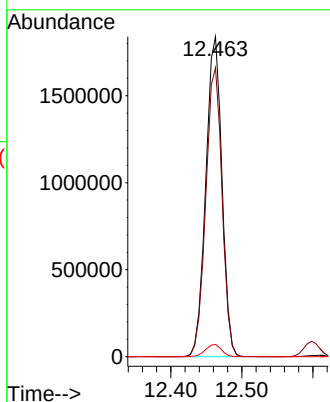
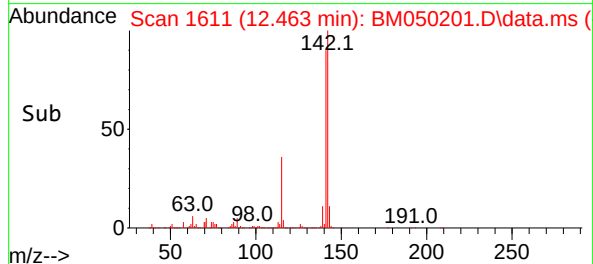
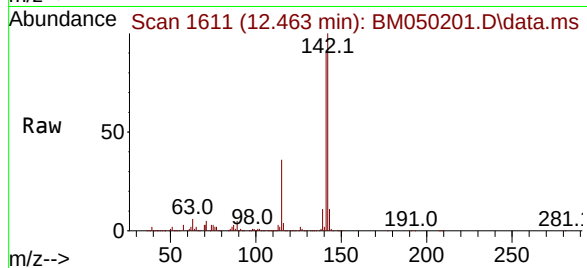




#38
1-Methylnaphthalene
Concen: 75.179 ng
RT: 12.463 min Scan# 1611
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

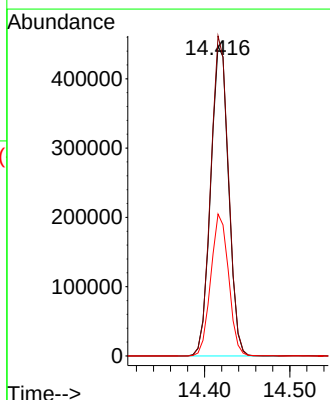
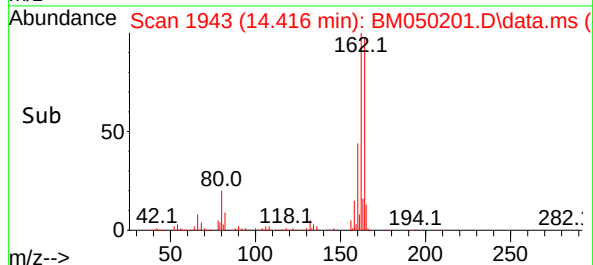
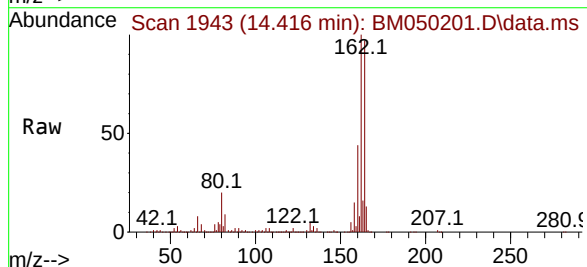
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

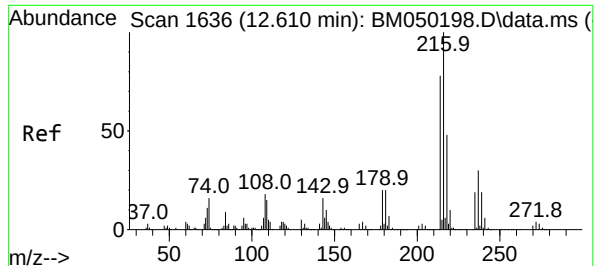
Tgt Ion:142 Resp: 2903763
Ion Ratio Lower Upper
142 100
141 90.3 72.9 109.3
116 3.8 3.0 4.6



#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

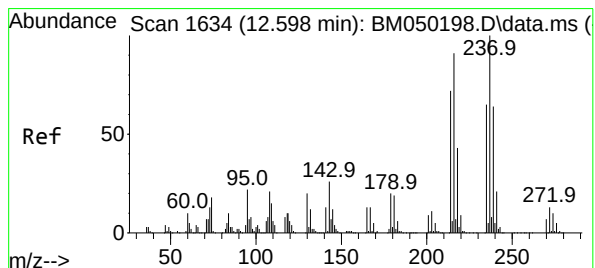
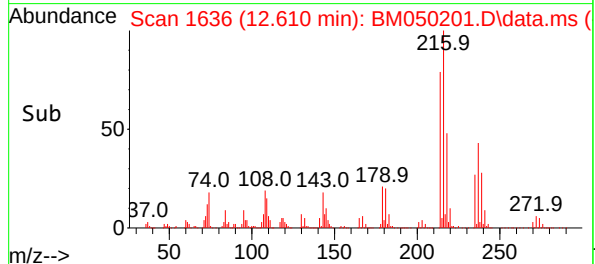
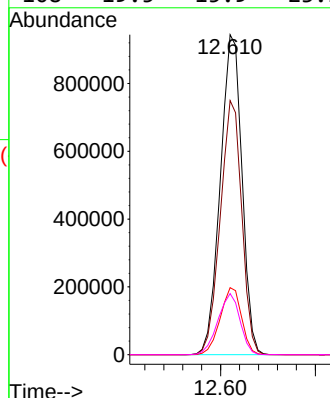
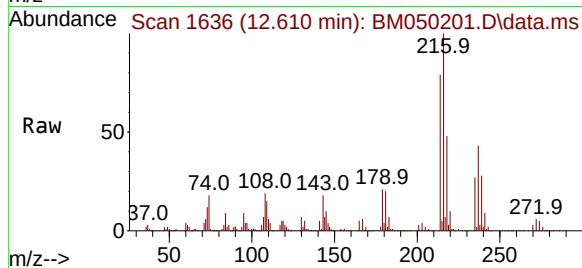




#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.455 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

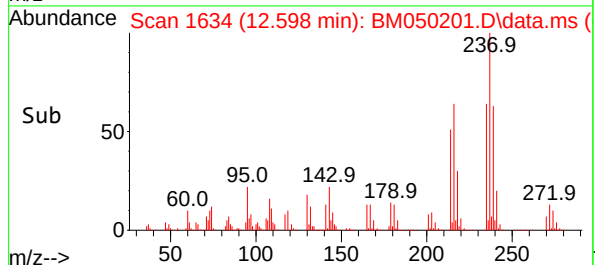
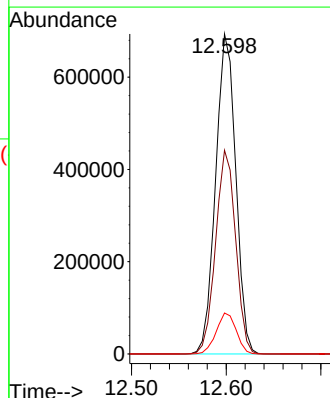
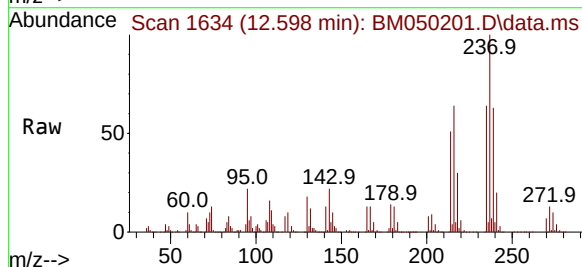
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

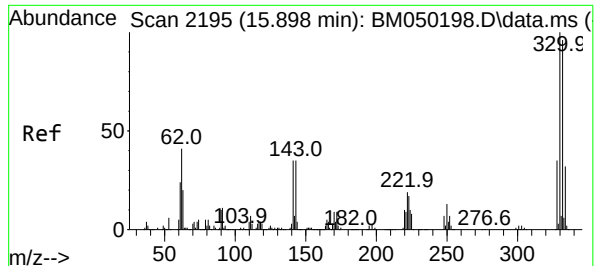
Tgt Ion:216 Resp: 1499750
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 16.6 25.0
108 19.5 15.9 23.9



#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

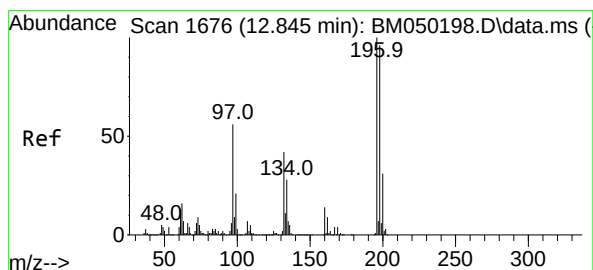
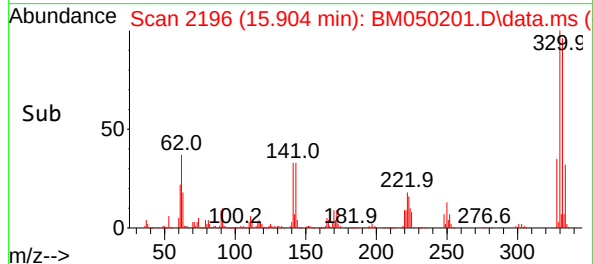
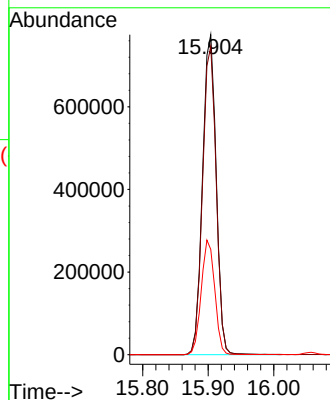
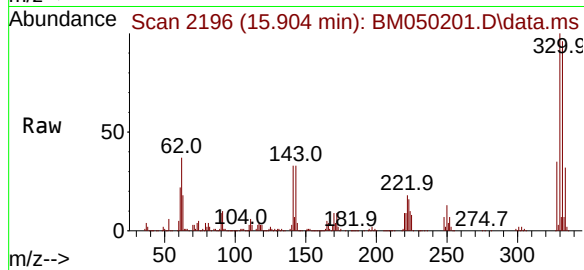
Tgt Ion:330 Resp: 1121188

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

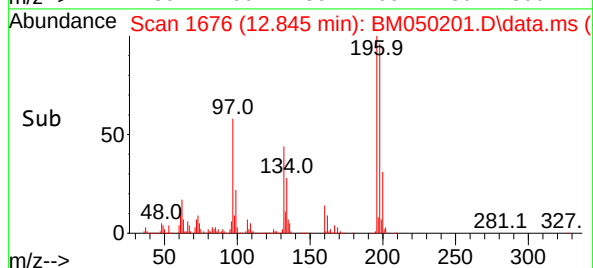
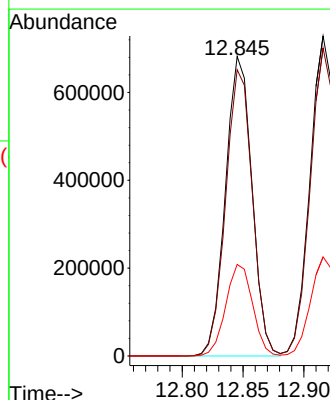
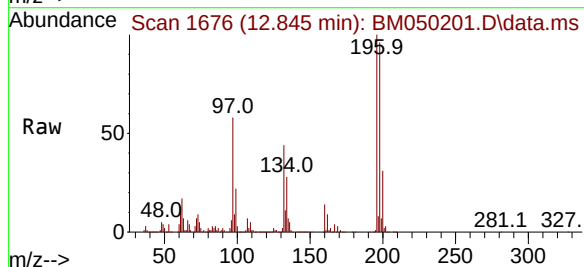
Tgt Ion:196 Resp: 1035769

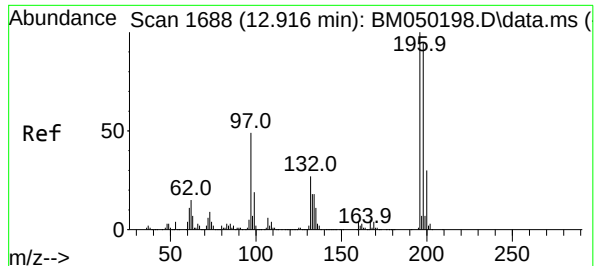
Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

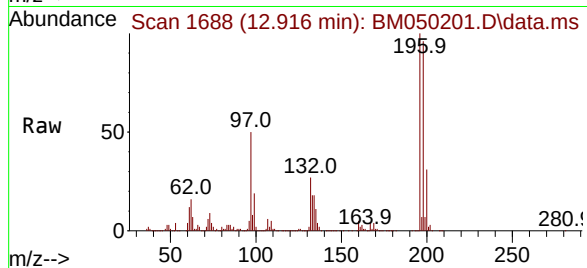
200 30.6 24.5 36.7



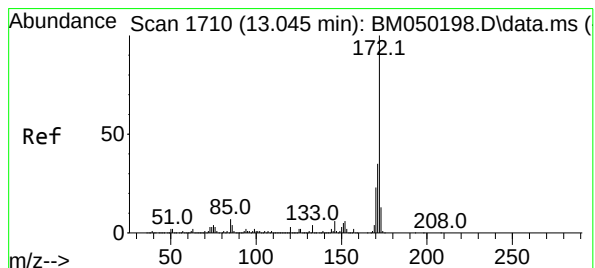
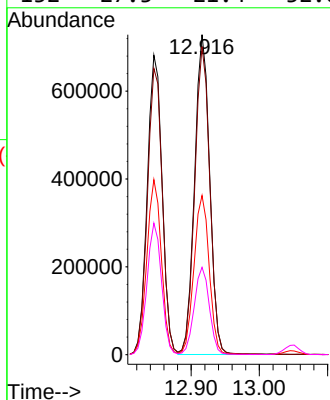
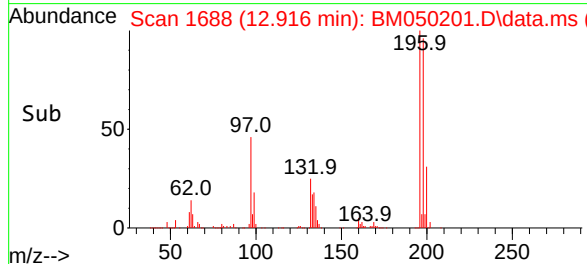


#44
2,4,5-Trichlorophenol
Concen: 82.394 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

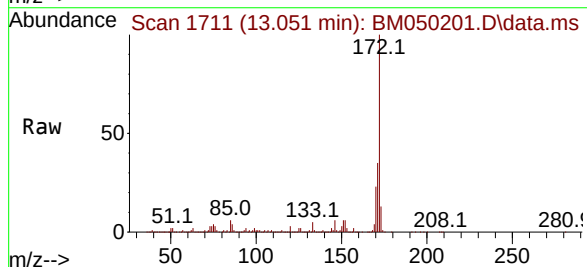
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



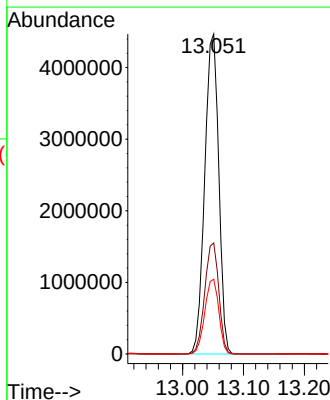
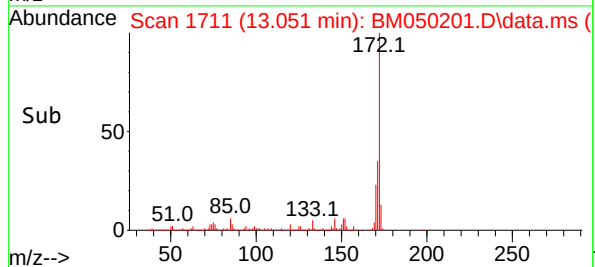
Tgt Ion:196 Resp: 1122919
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 49.8 39.3 58.9
132 27.3 21.4 32.0

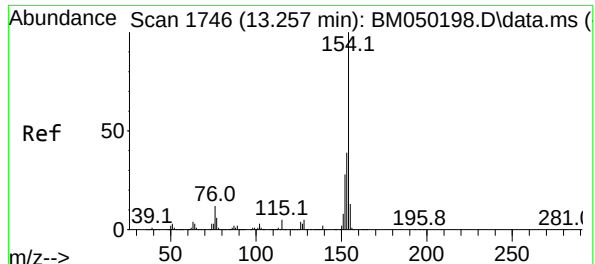


#45
2-Fluorobiphenyl
Concen: 147.690 ng
RT: 13.051 min Scan# 1711
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56



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

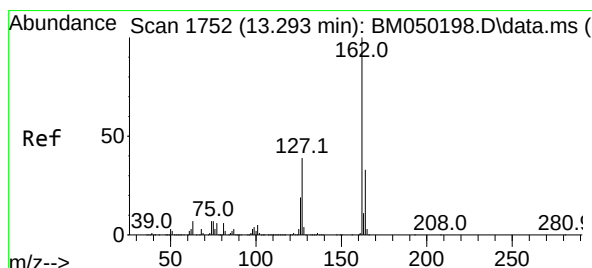
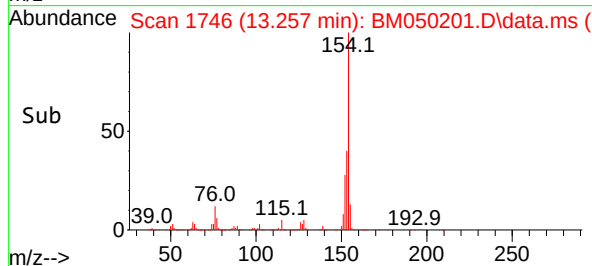
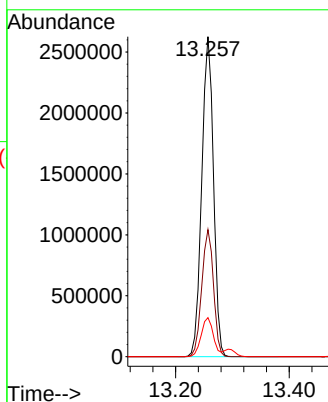
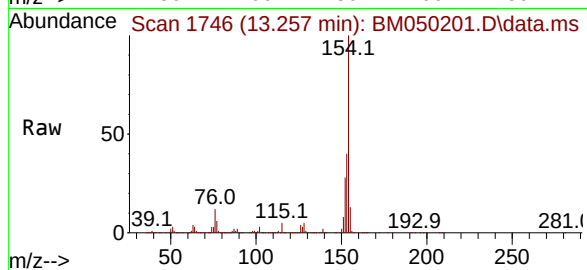
Tgt Ion:154 Resp: 3756723

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

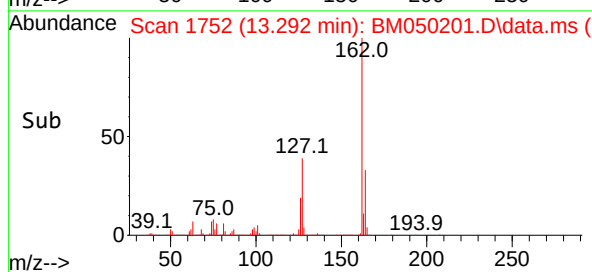
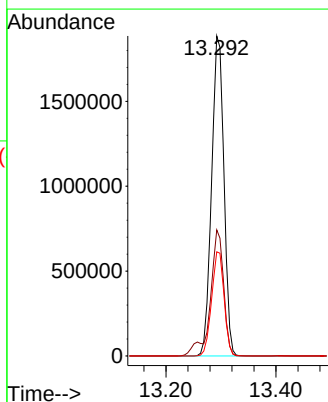
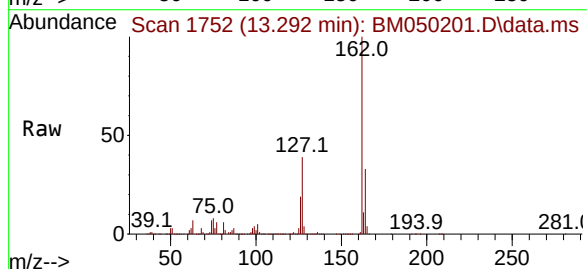
Tgt Ion:162 Resp: 2936913

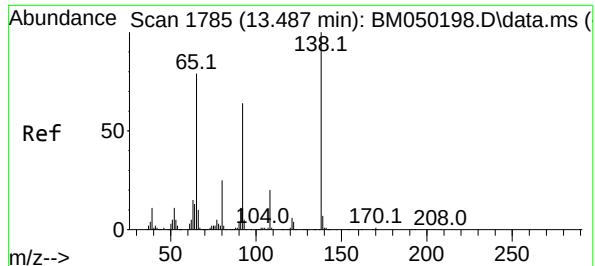
Ion Ratio Lower Upper

162 100

127 39.4 31.1 46.7

164 32.6 26.5 39.7

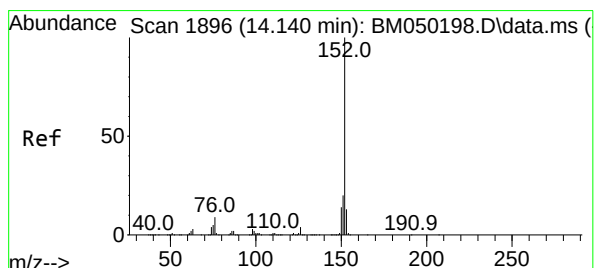
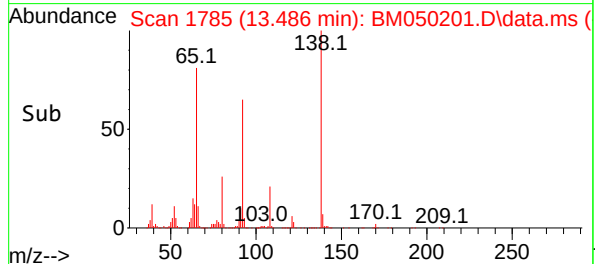
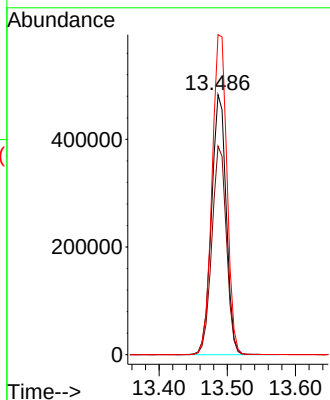
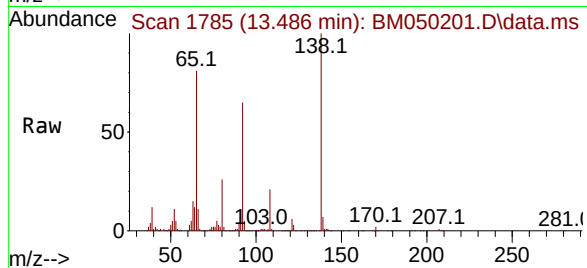




#48
2-Nitroaniline
Concen: 86.588 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

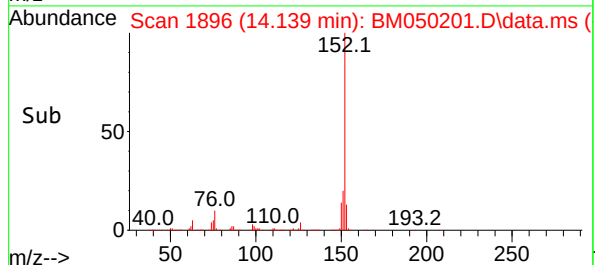
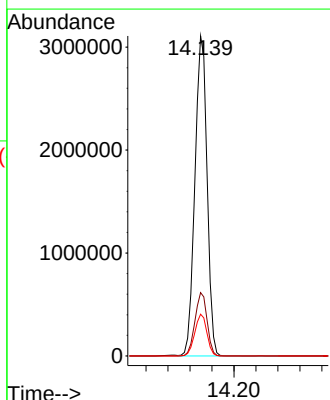
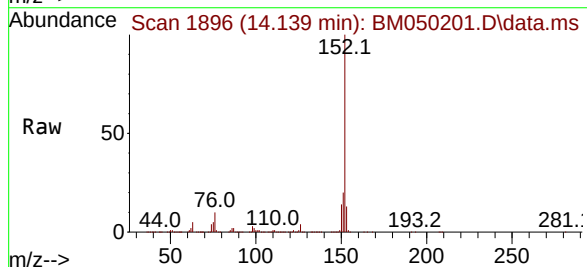
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

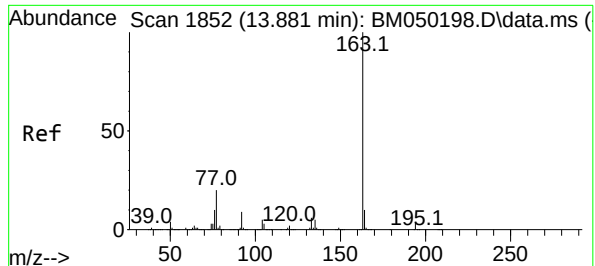
Tgt Ion: 65 Resp: 725090
Ion Ratio Lower Upper
65 100
92 80.2 64.2 96.4
138 123.1 101.0 151.4



#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

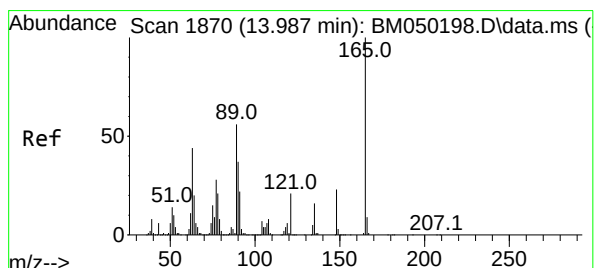
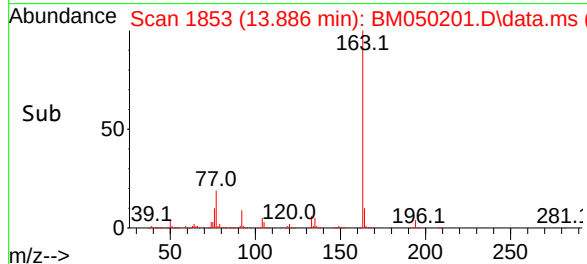
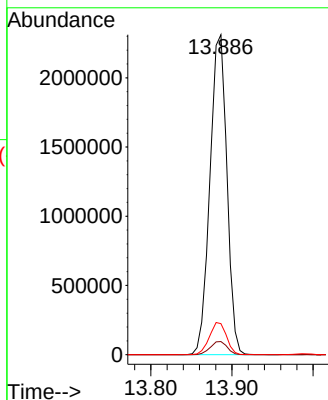
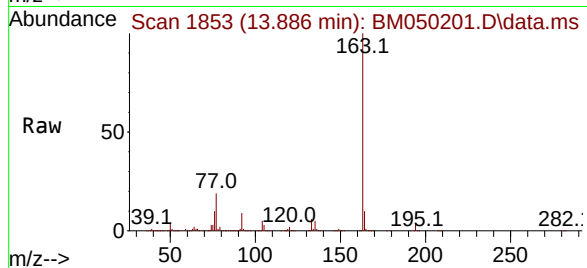




#50
Dimethylphthalate
Concen: 75.915 ng
RT: 13.886 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

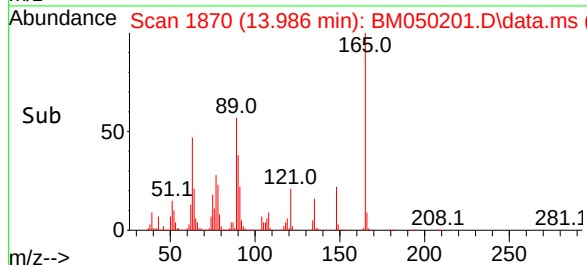
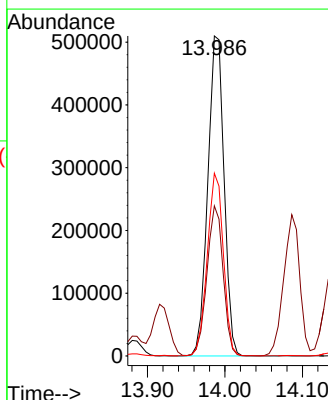
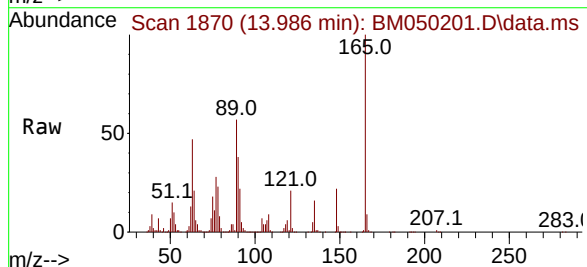
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

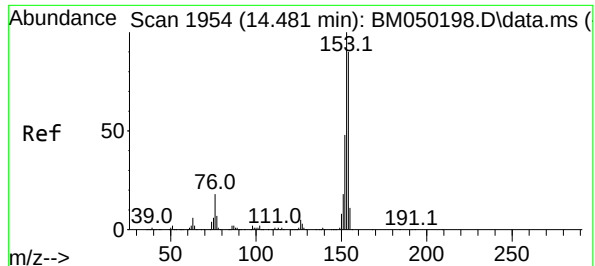
Tgt Ion:163 Resp: 3356061
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 7.9 11.9



#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

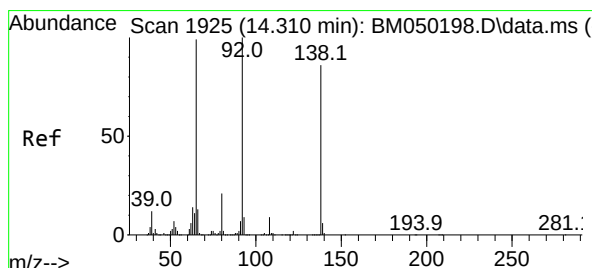
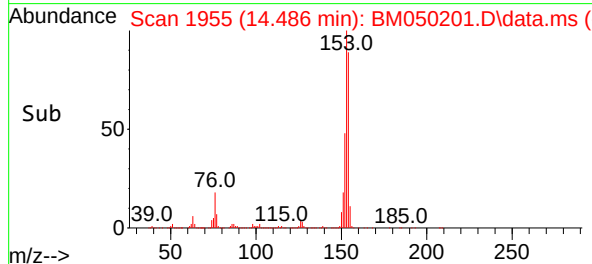
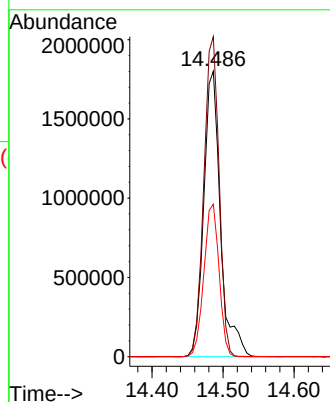
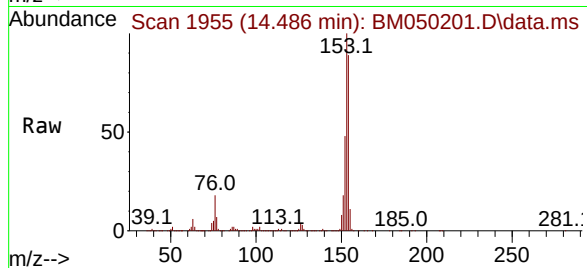




#52
Acenaphthene
Concen: 76.514 ng
RT: 14.486 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

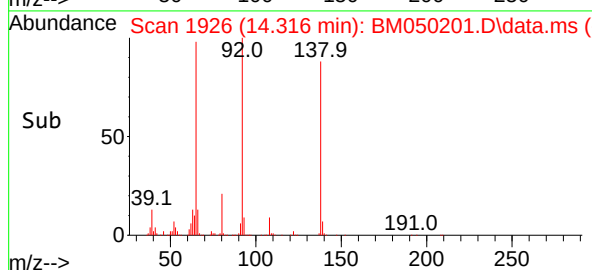
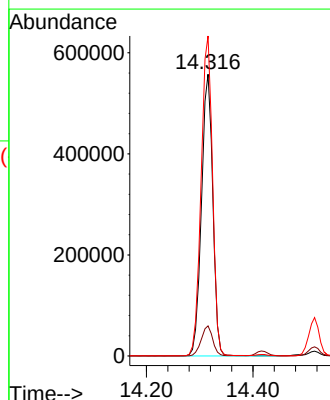
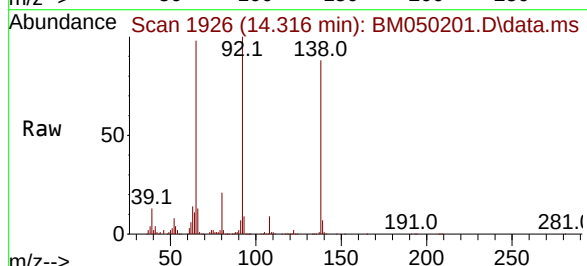
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

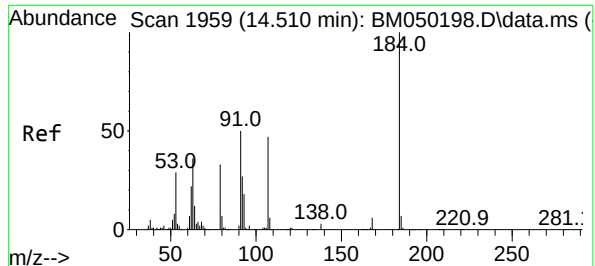
Tgt Ion:154 Resp: 2945563
Ion Ratio Lower Upper
154 100
153 112.1 88.7 133.1
152 53.4 42.6 63.8



#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

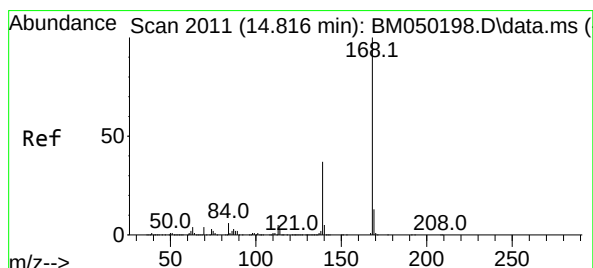
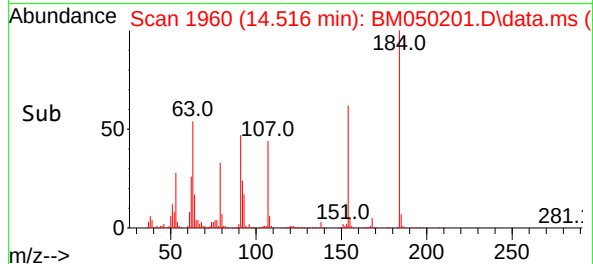
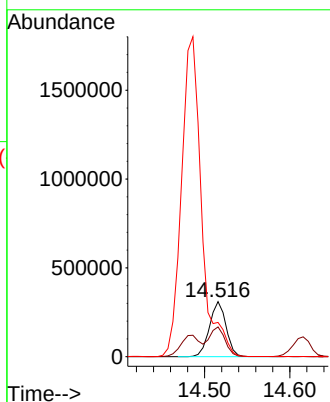
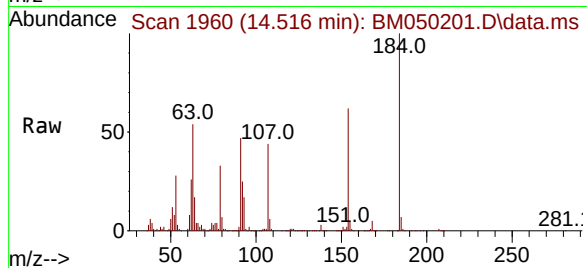




#54
2,4-Dinitrophenol
Concen: 79.818 ng
RT: 14.516 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

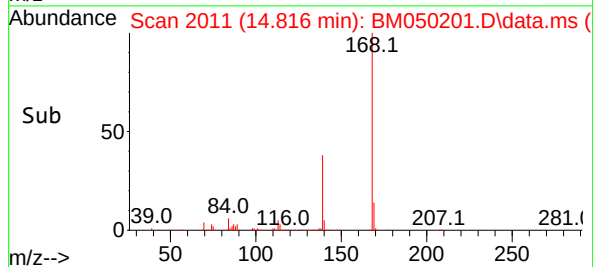
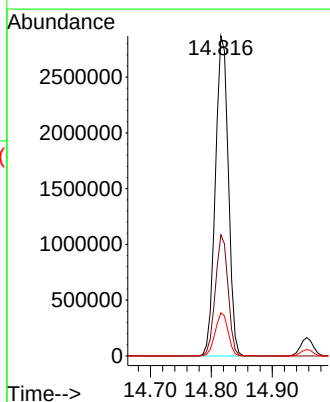
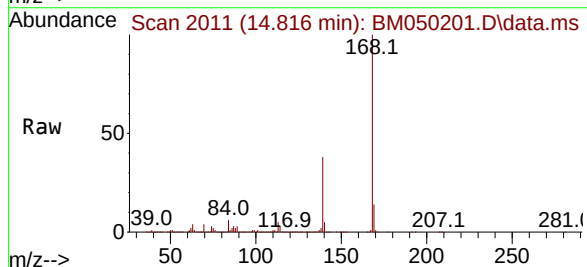
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

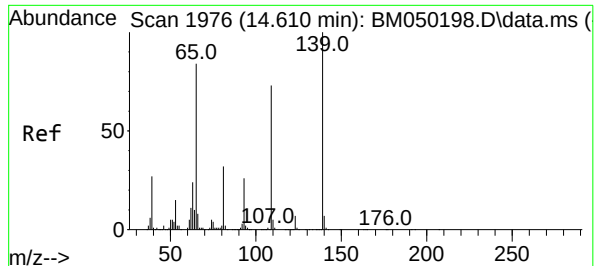
Tgt Ion:184 Resp: 419557
Ion Ratio Lower Upper
184 100
63 54.1 45.3 67.9
154 62.3 54.3 81.5



#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

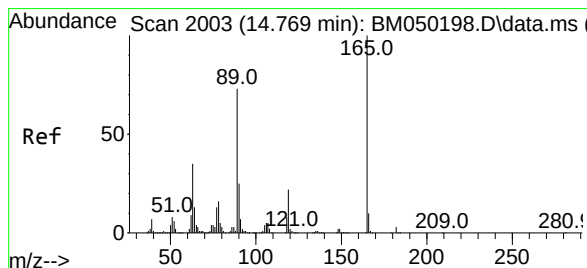
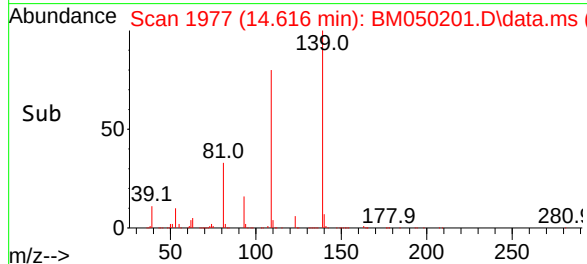
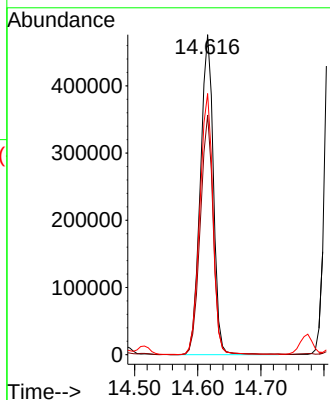
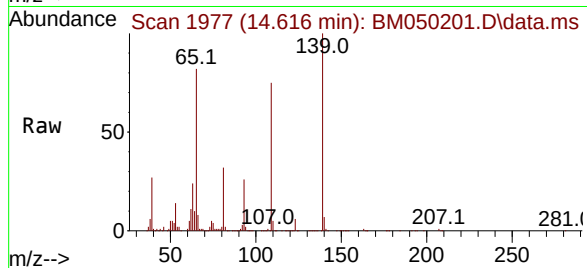




#56
4-Nitrophenol
Concen: 80.978 ng
RT: 14.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

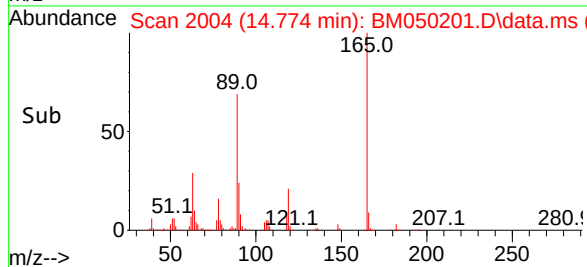
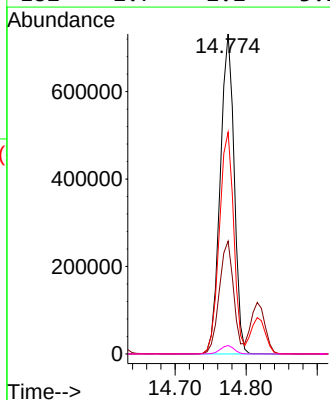
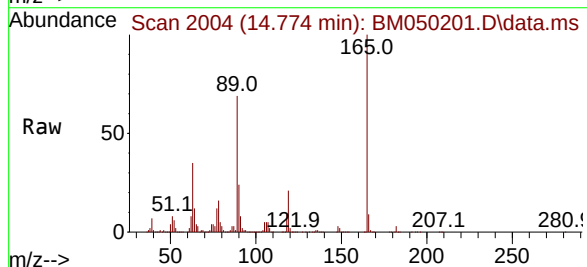
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

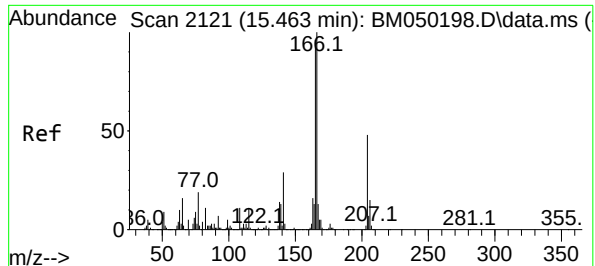
Tgt Ion:139 Resp: 684831
Ion Ratio Lower Upper
139 100
109 74.9 52.6 92.6
65 81.6 64.3 104.3



#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

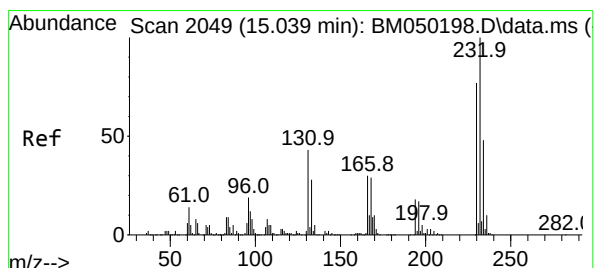
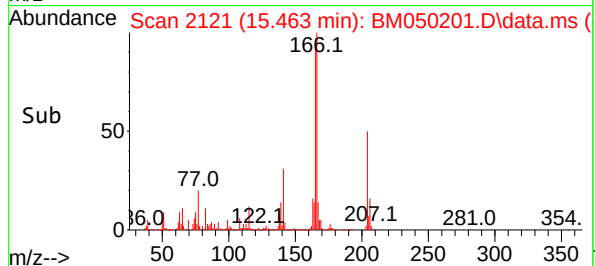
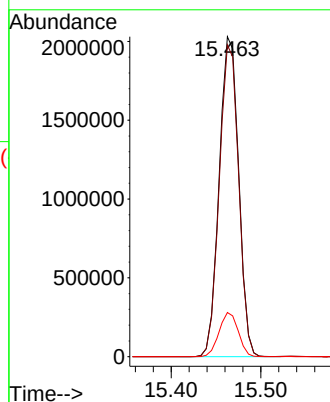
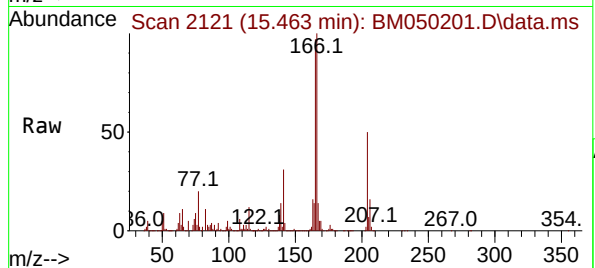




#58
Fluorene
Concen: 70.874 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

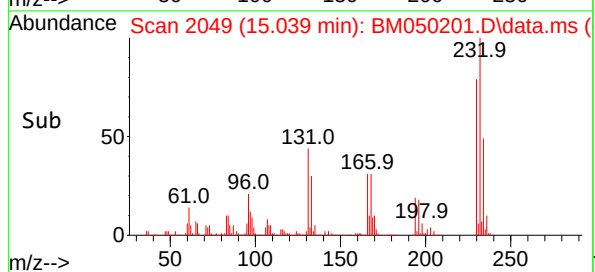
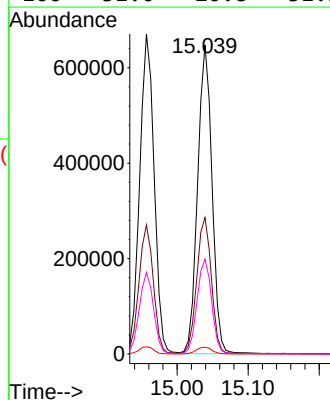
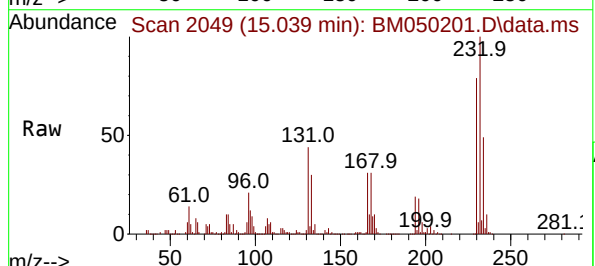
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

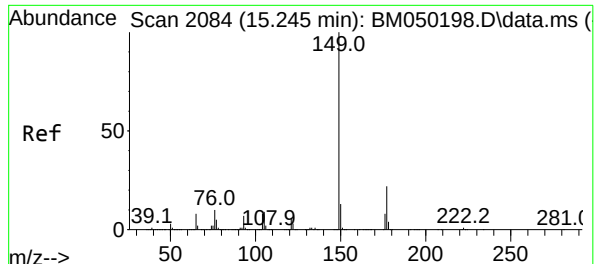
Tgt Ion:166 Resp: 3057322
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.4
167 13.8 10.7 16.1



#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

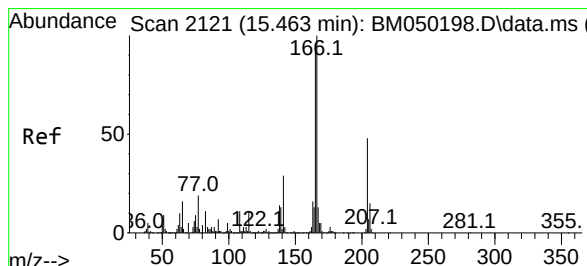
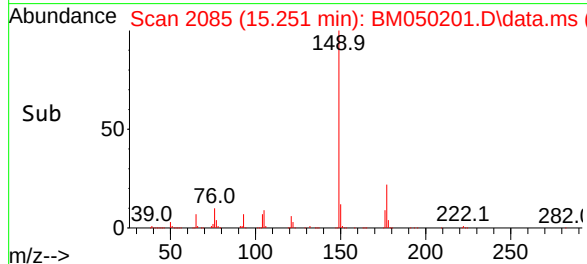
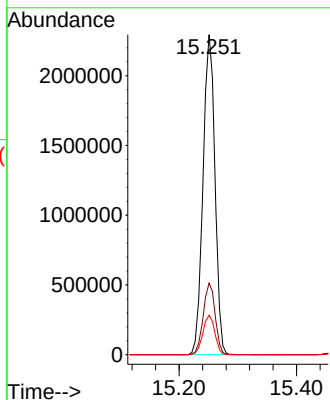
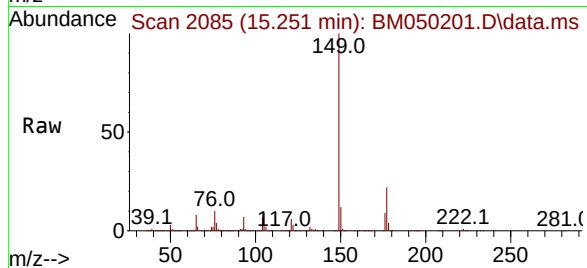




#60
Diethylphthalate
Concen: 73.786 ng
RT: 15.251 min Scan# 2085
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

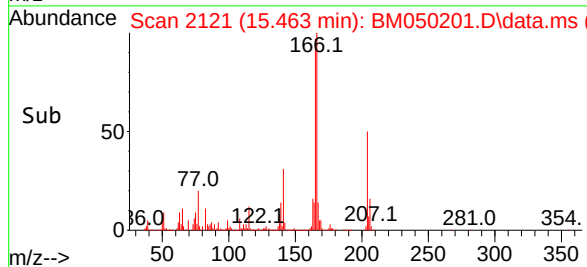
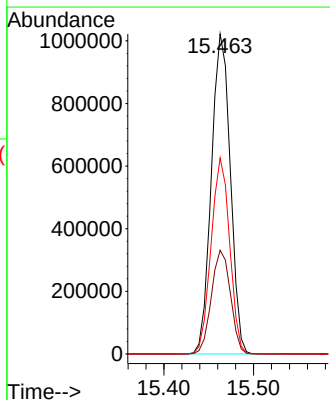
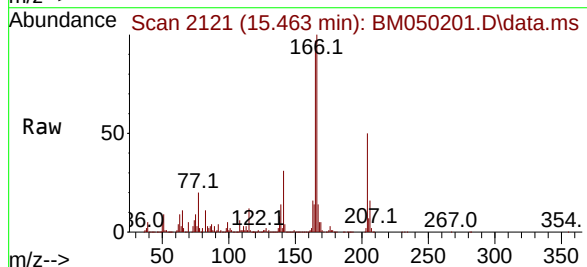
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

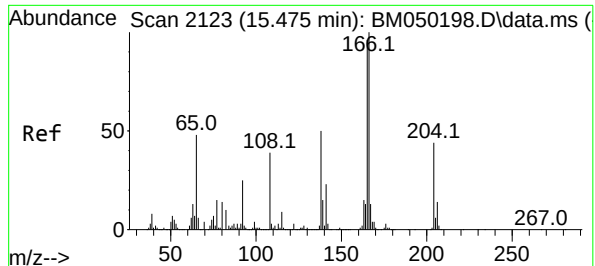
Tgt Ion:149 Resp: 3236518
Ion Ratio Lower Upper
149 100
177 22.4 17.2 25.8
150 12.3 10.0 15.0



#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

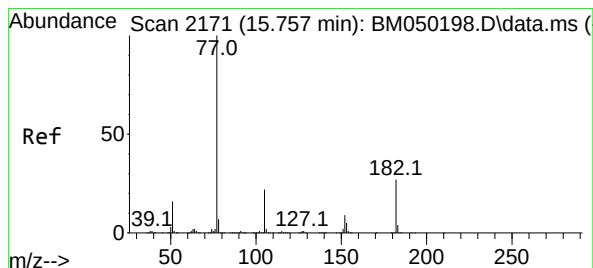
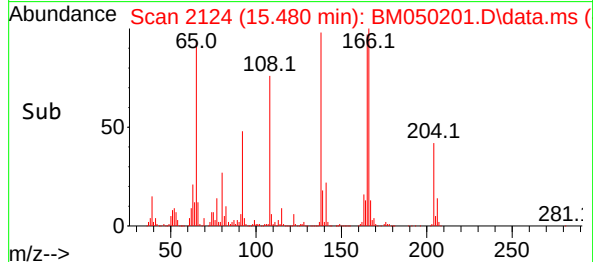
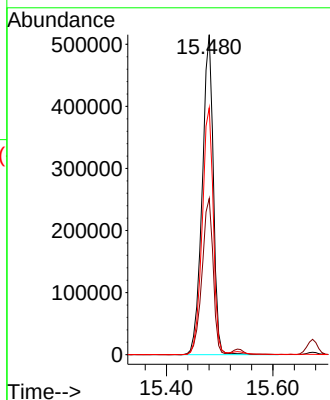
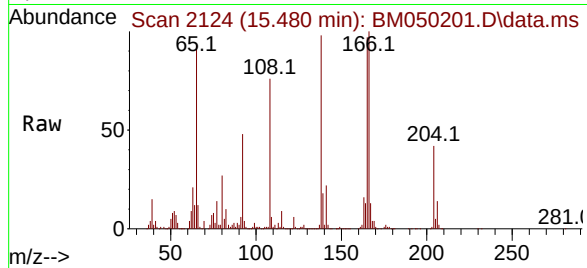




#62
4-Nitroaniline
Concen: 80.153 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

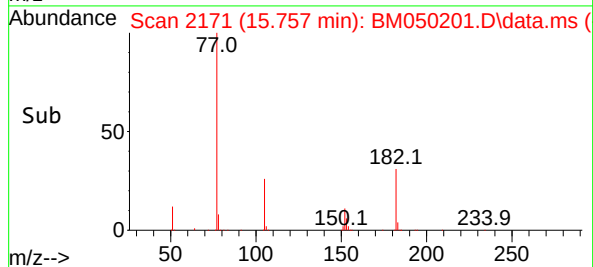
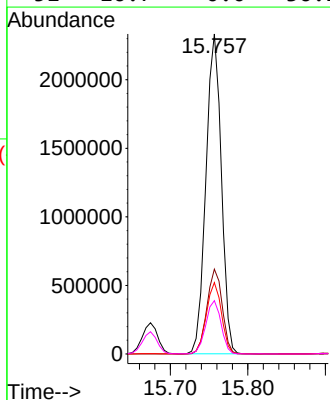
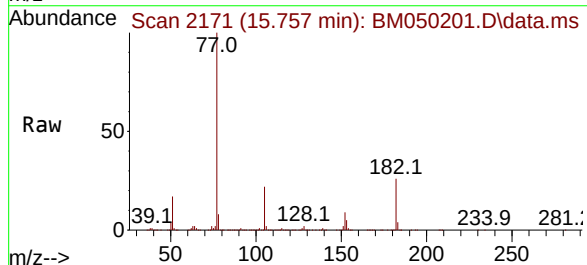
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

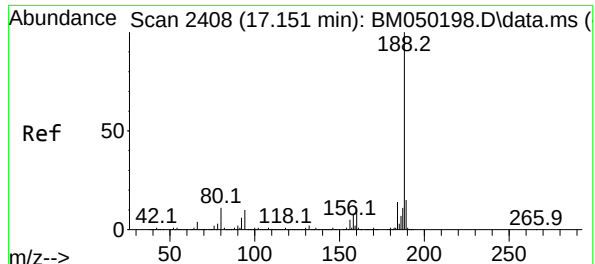
Tgt Ion:138 Resp: 746446
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 77.1 58.1 98.1



#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

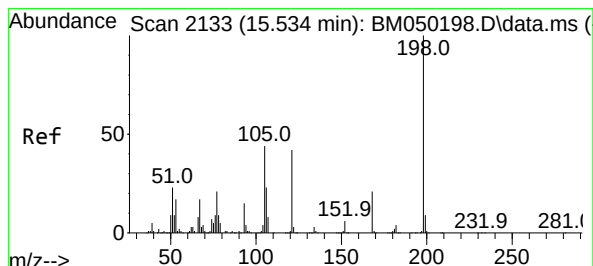
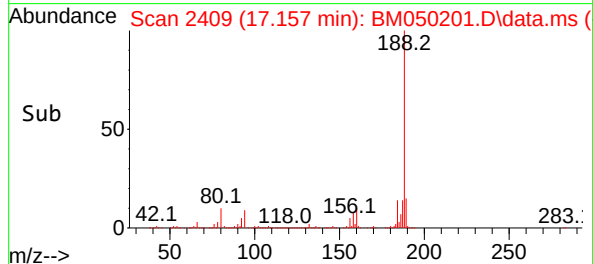
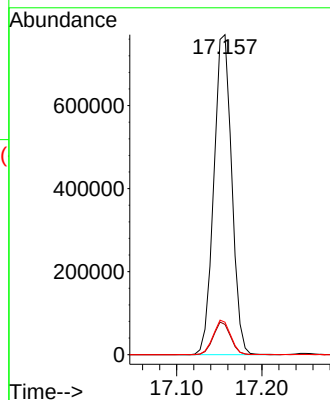
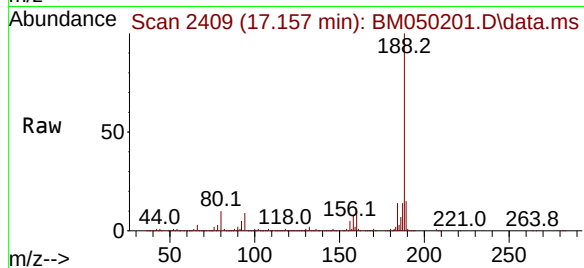




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

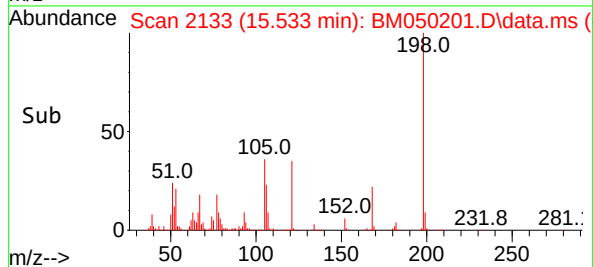
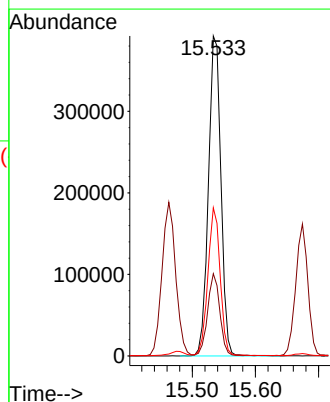
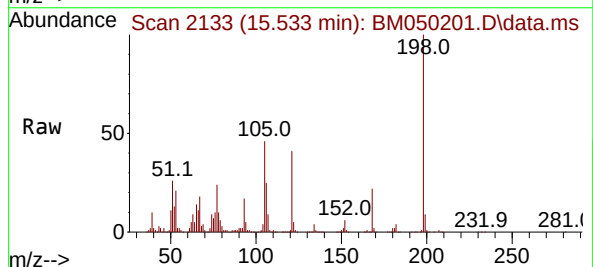
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

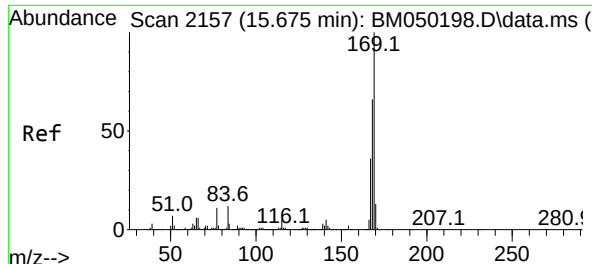
Tgt Ion:188 Resp: 1121619
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.2 8.6 13.0



#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

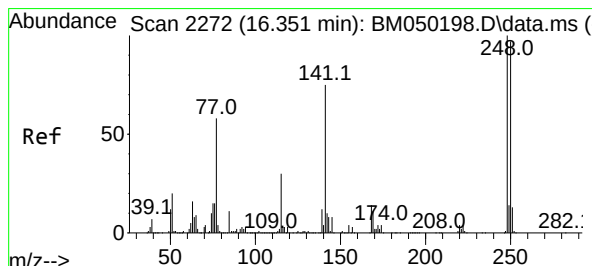
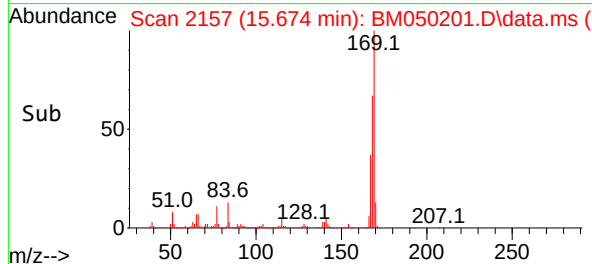
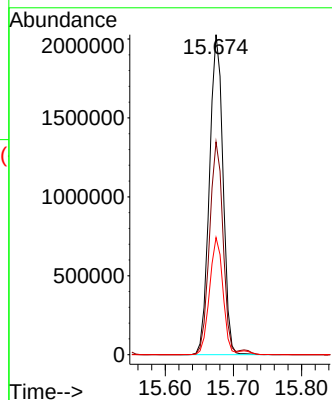
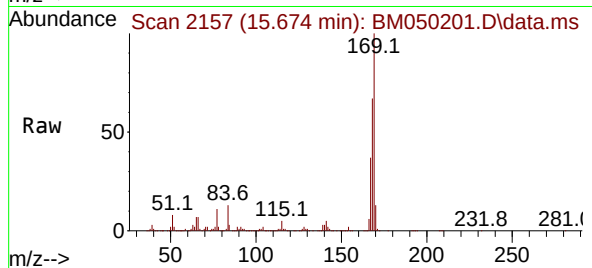




#66
n-Nitrosodiphenylamine
Concen: 79.603 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

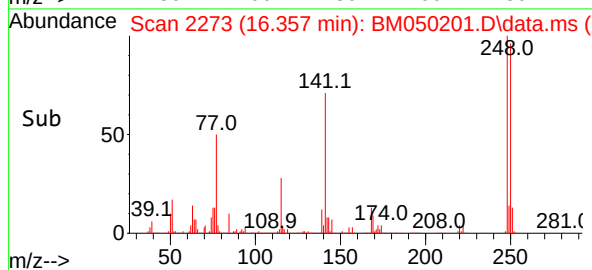
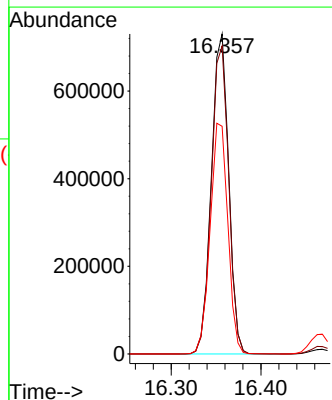
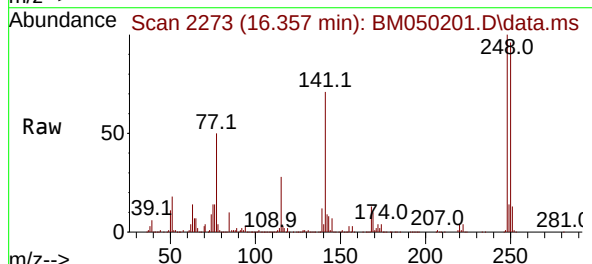
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

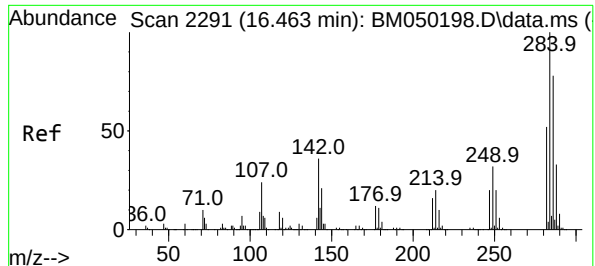
Tgt Ion:169 Resp: 2805368
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.6 29.0 43.6



#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

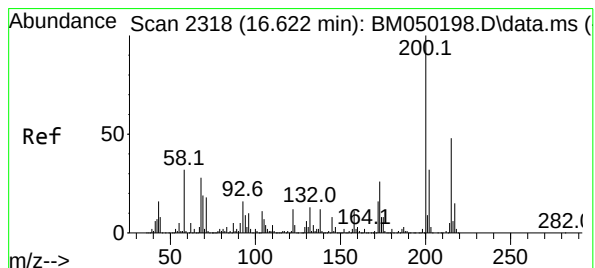
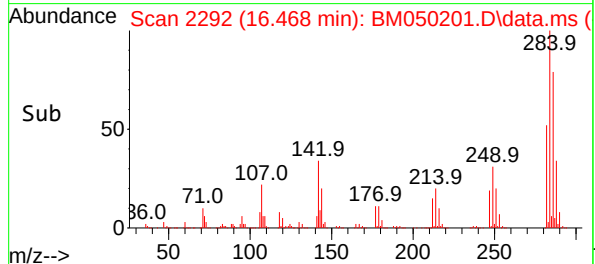
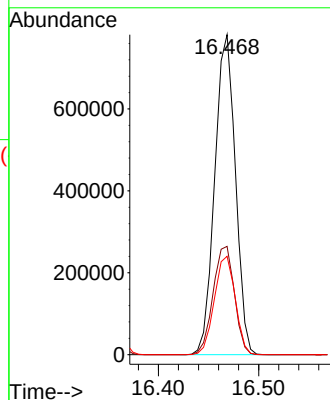
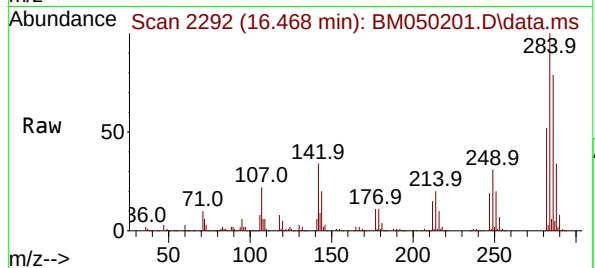




#68
Hexachlorobenzene
Concen: 79.976 ng
RT: 16.468 min Scan# 211
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

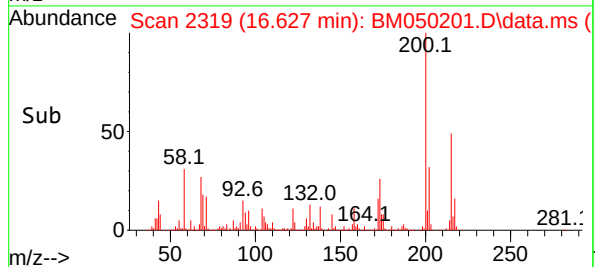
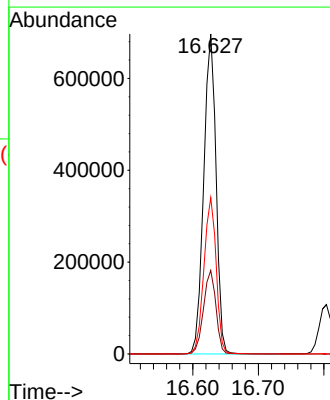
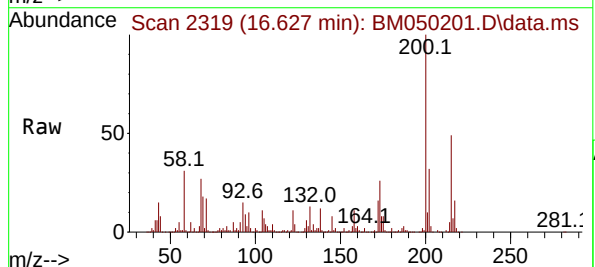
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

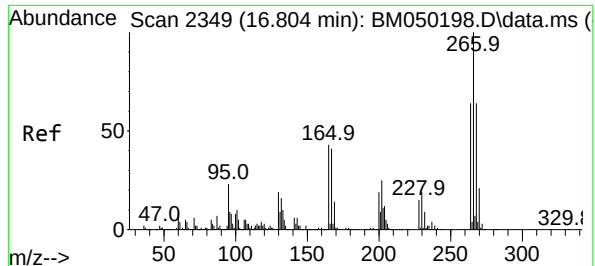
Tgt Ion:284 Resp: 1117623
Ion Ratio Lower Upper
284 100
142 33.9 28.8 43.2
249 30.7 25.8 38.6



#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

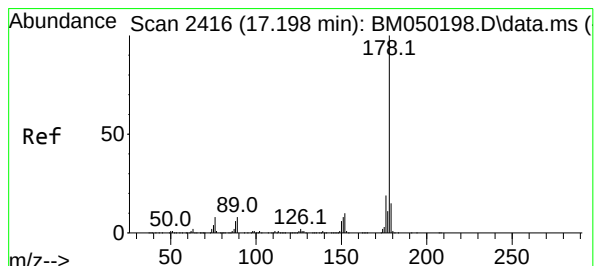
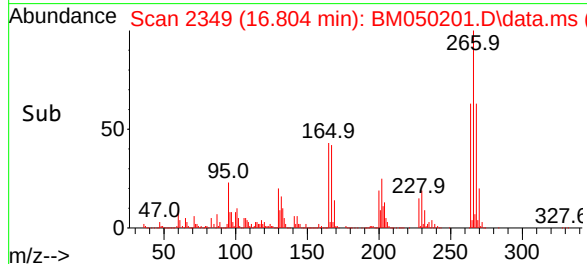
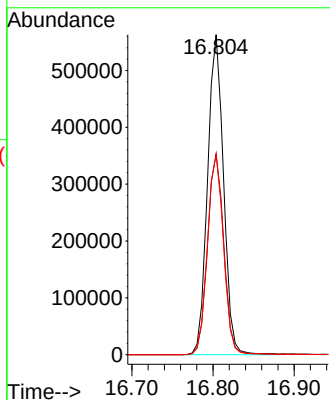
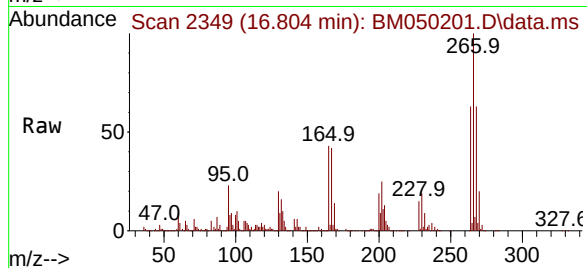




#70
Pentachlorophenol
Concen: 84.374 ng
RT: 16.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

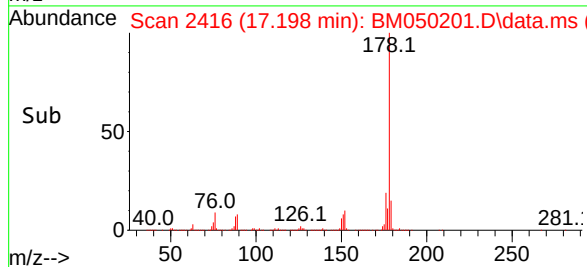
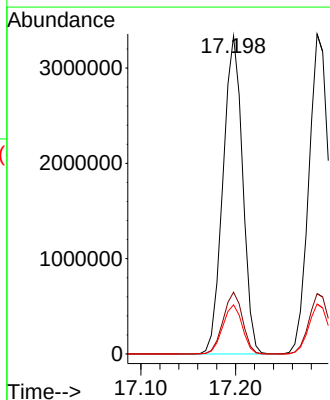
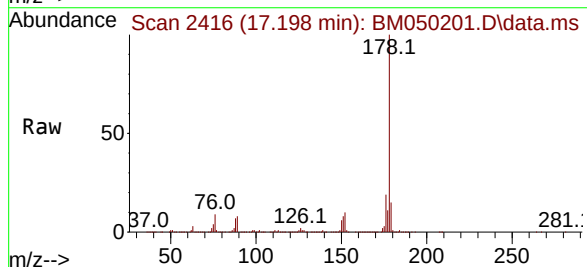
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

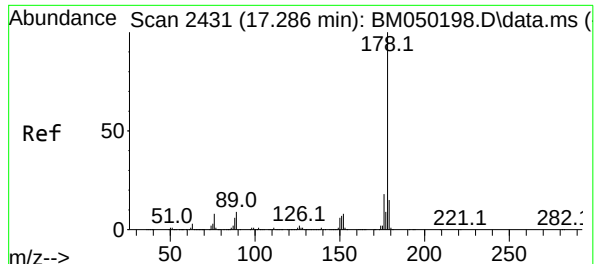
Tgt Ion:266 Resp: 766580
Ion Ratio Lower Upper
266 100
268 62.7 51.0 76.6
264 62.7 50.8 76.2



#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

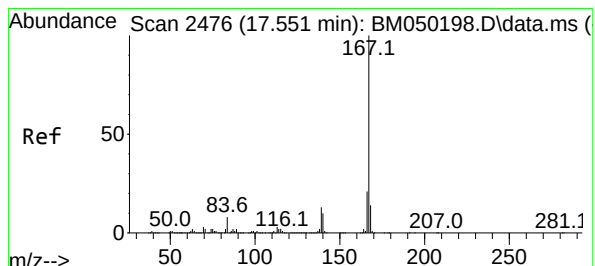
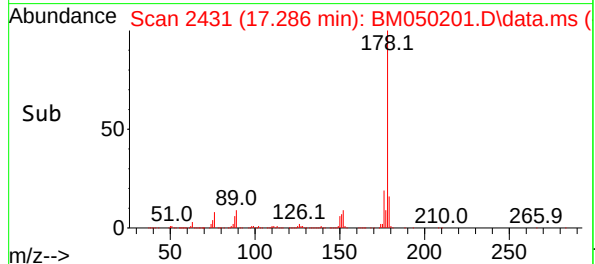
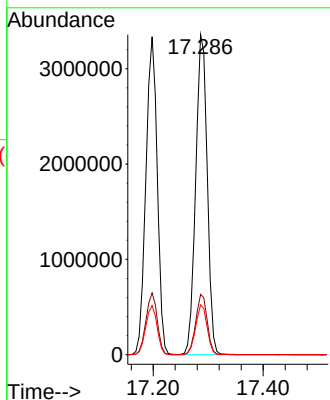
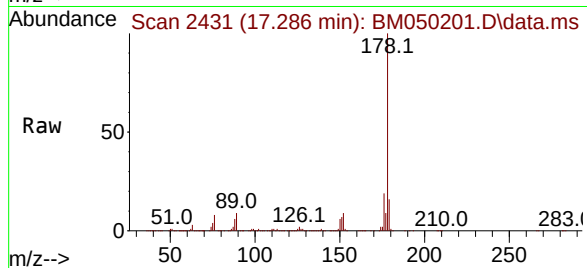




#72
Anthracene
Concen: 76.458 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

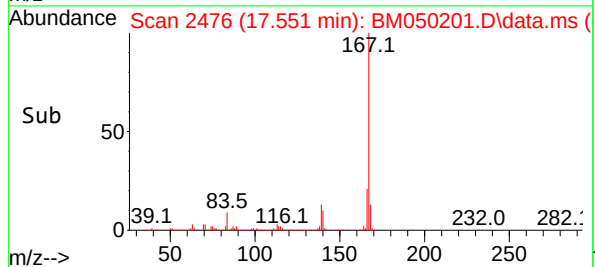
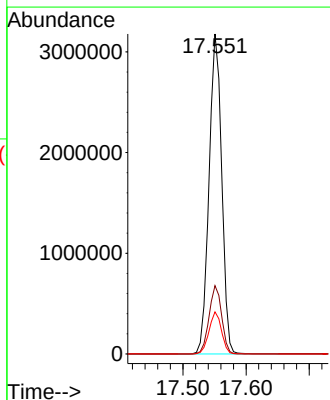
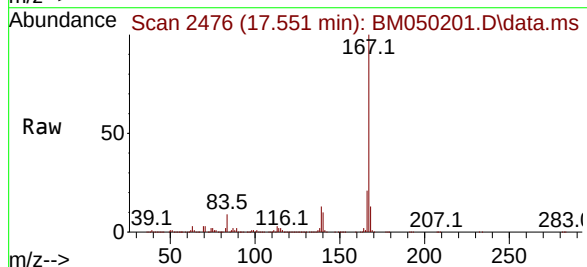
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

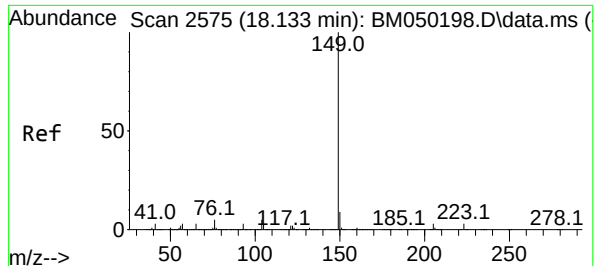
Tgt Ion:178 Resp: 4900912
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.3 18.5



#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

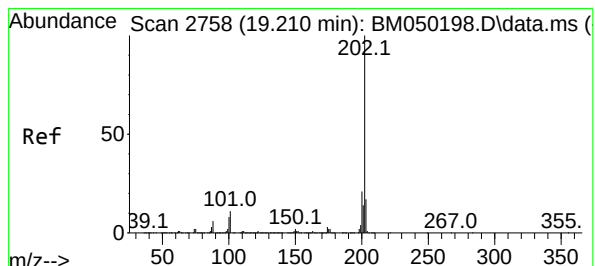
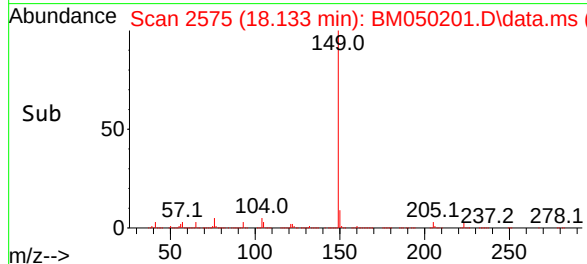
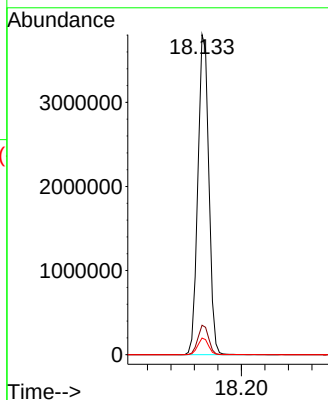
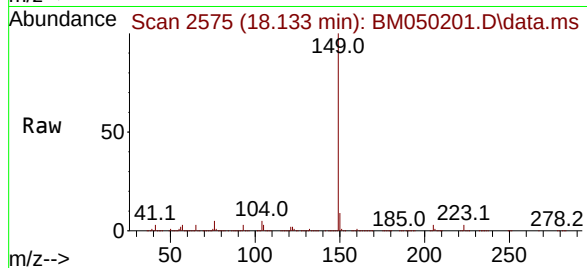




#74
Di-n-butylphthalate
Concen: 77.184 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

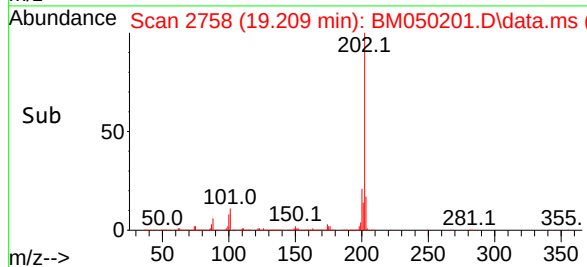
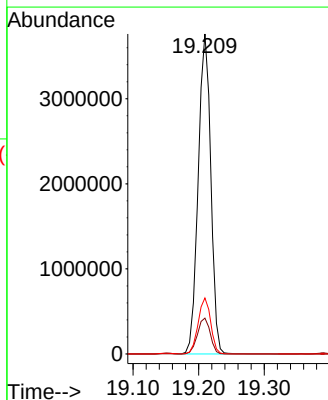
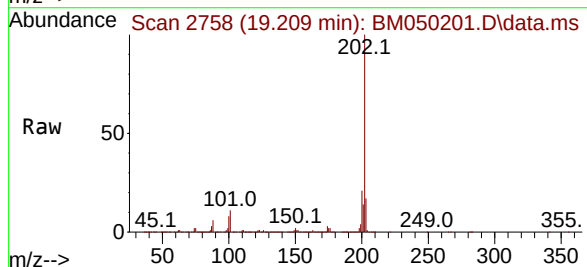
Instrument :
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ClientSampleId :
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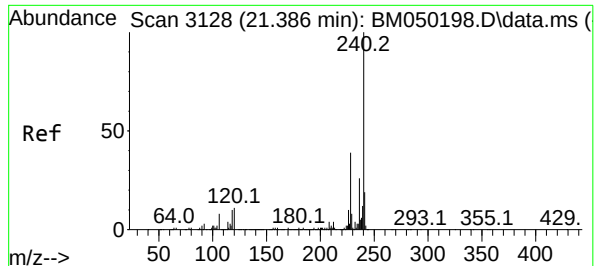
Tgt Ion:149 Resp: 4904225
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.0 6.0



#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

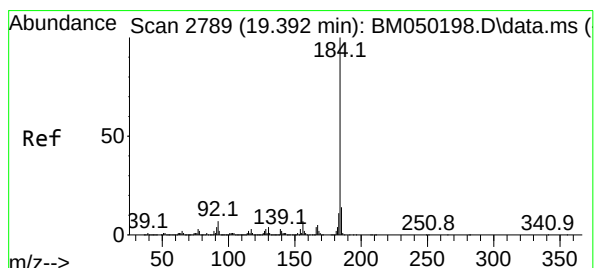
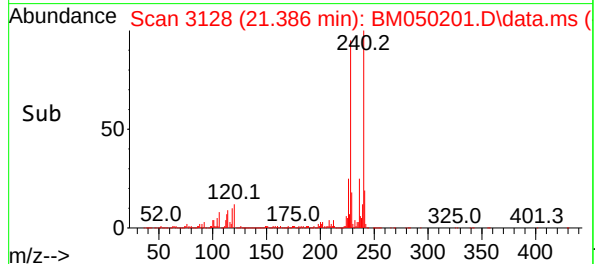
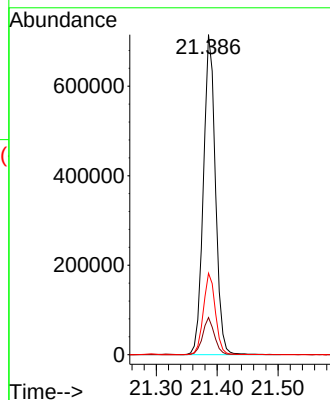
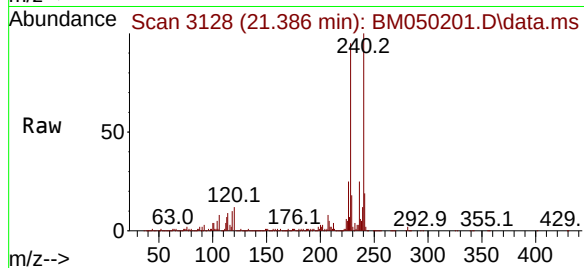




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

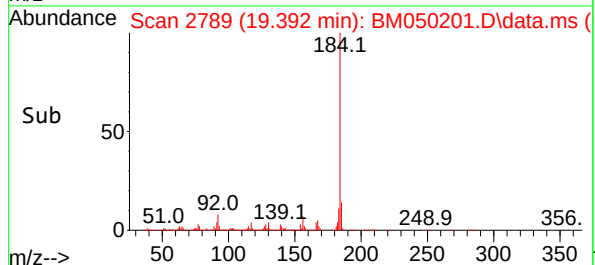
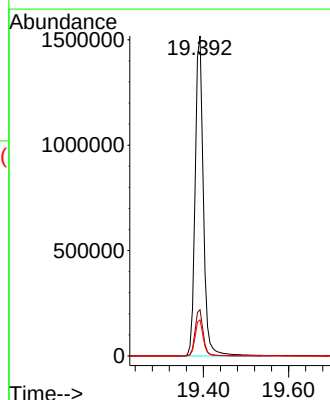
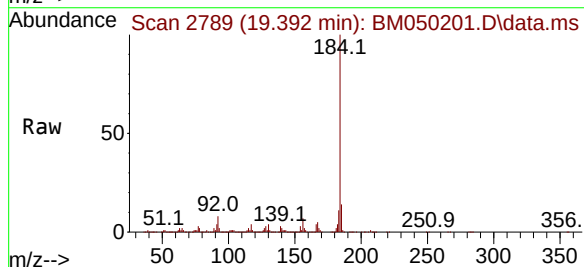
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

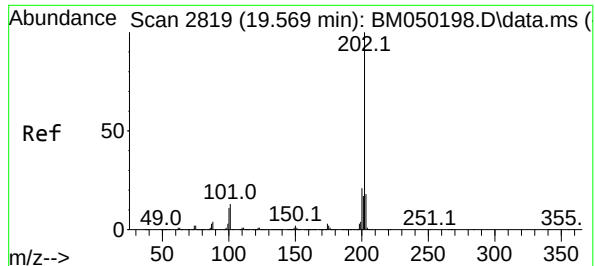
Tgt Ion:240 Resp: 978835
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 25.5 20.7 31.1



#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

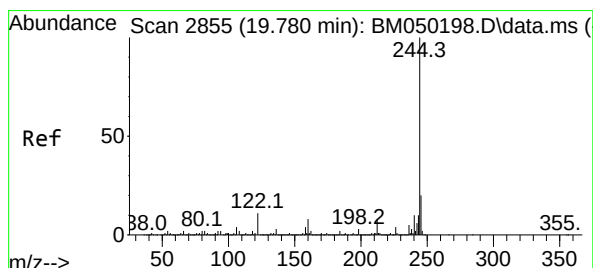
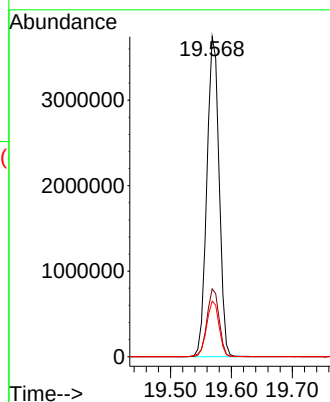
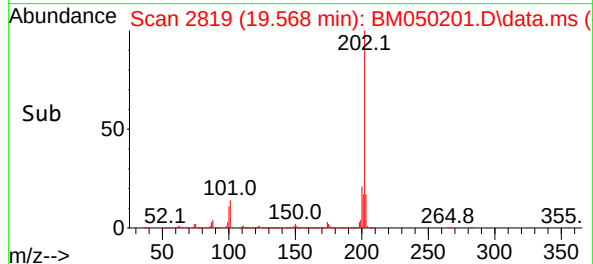
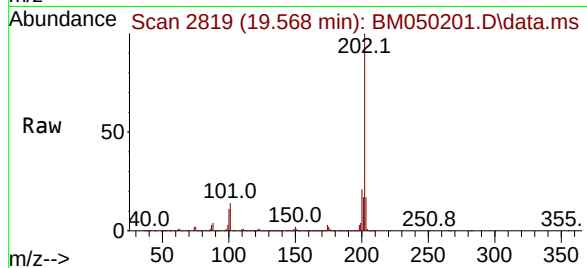




#78
Pyrene
Concen: 79.187 ng
RT: 19.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

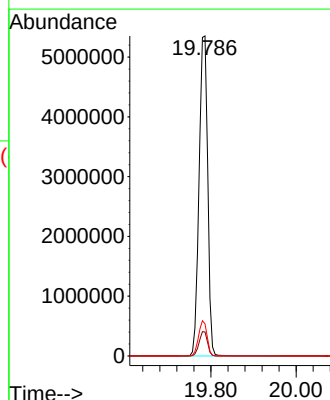
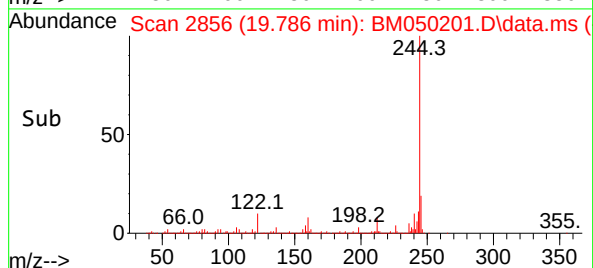
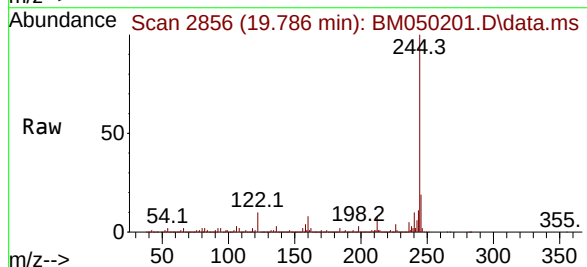
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

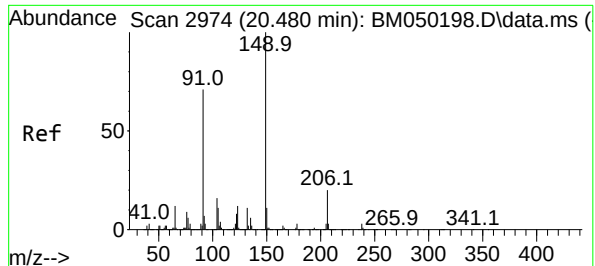
Tgt Ion:202 Resp: 5224283
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.1 21.1



#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

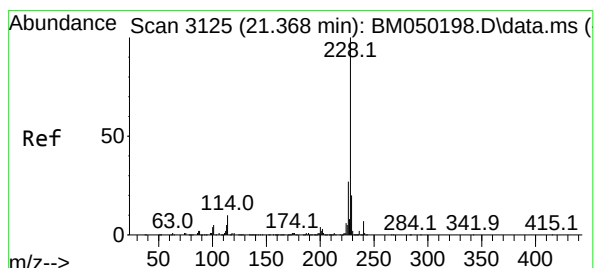
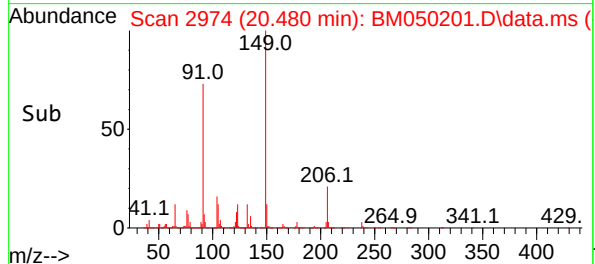
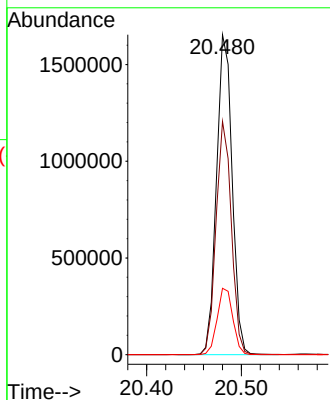
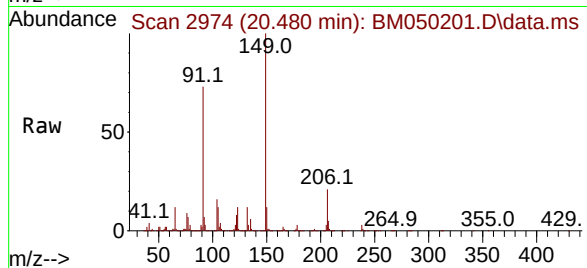




#80
Butylbenzylphthalate
Concen: 86.212 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

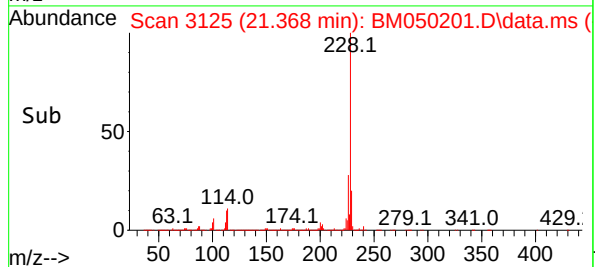
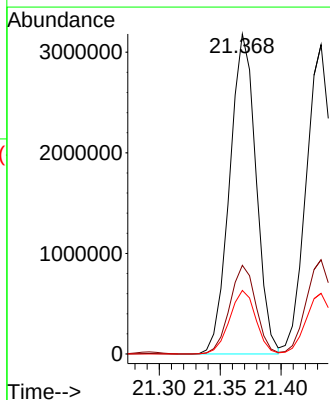
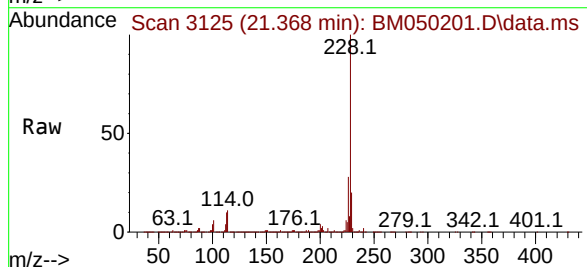
Instrument :
BNA_M
ClientSampleId :
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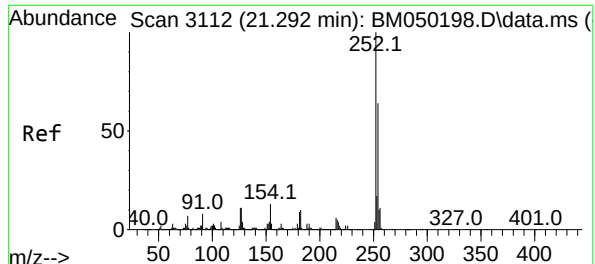
Tgt Ion:149 Resp: 1897236
Ion Ratio Lower Upper
149 100
91 72.9 56.9 85.3
206 20.7 16.1 24.1



#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

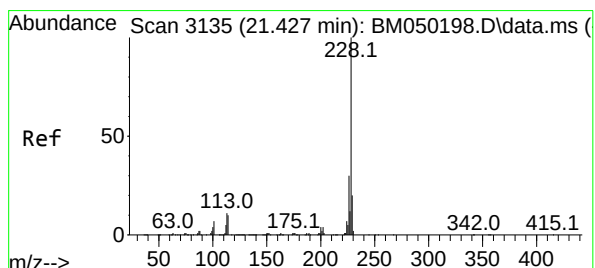
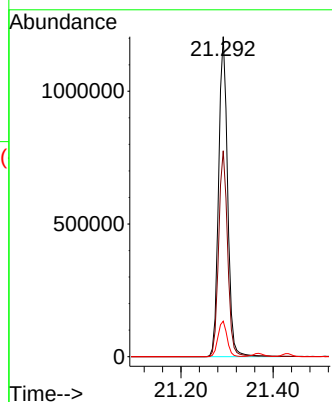
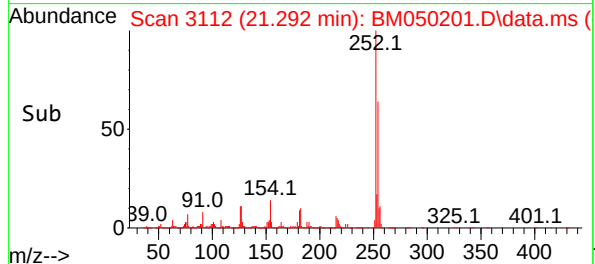
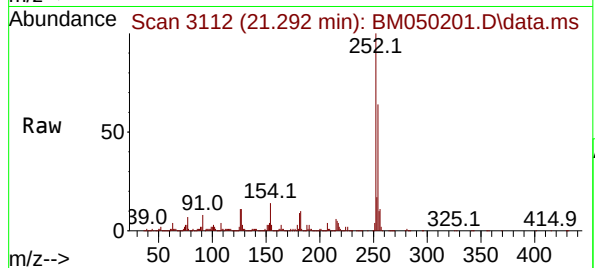




#82
3,3'-Dichlorobenzidine
Concen: 86.143 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

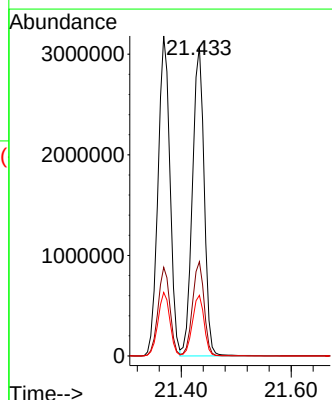
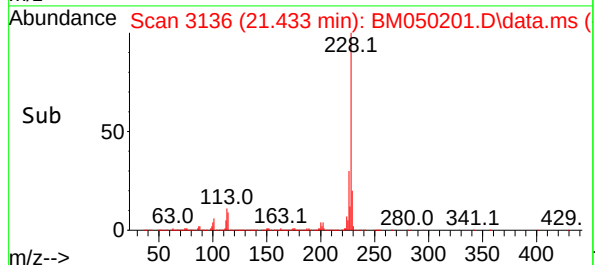
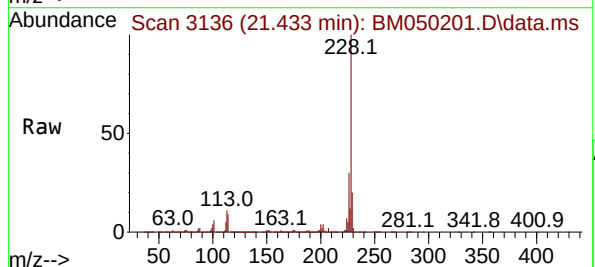
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ClientSampleId :
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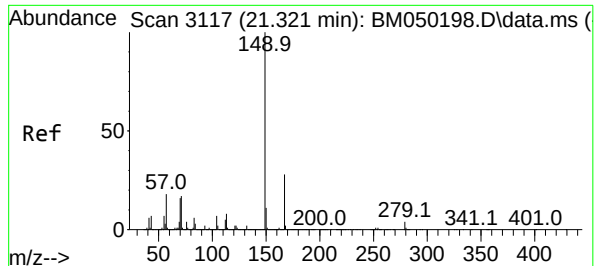
Tgt Ion:252 Resp: 1627542
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 11.1 8.6 12.8



#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

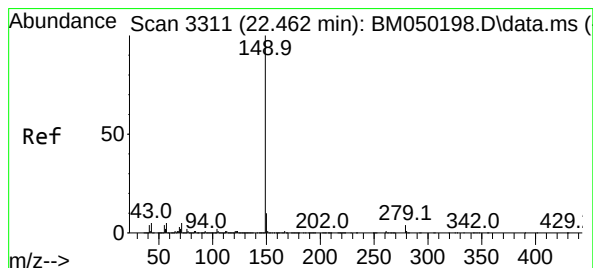
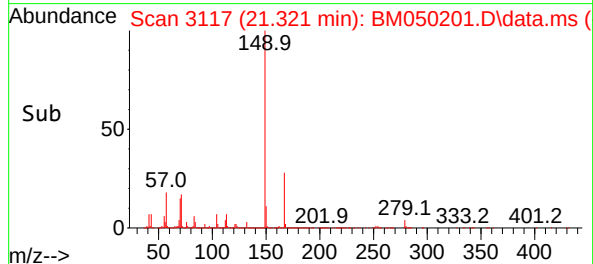
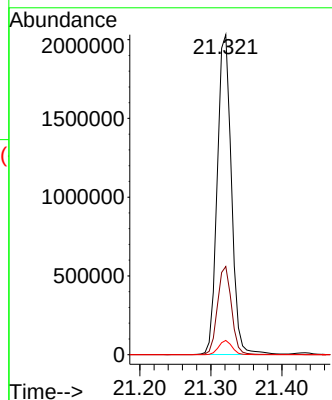
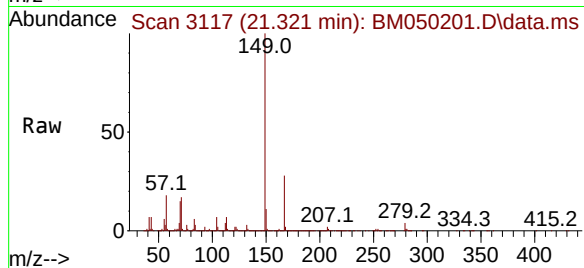




#84
Bis(2-ethylhexyl)phthalate
Concen: 82.490 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

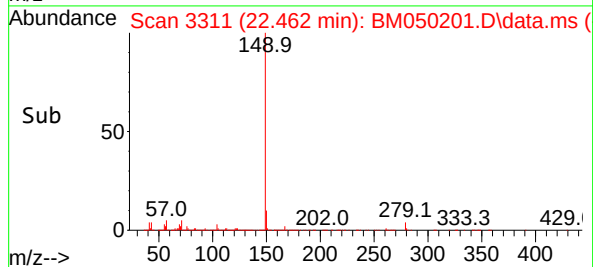
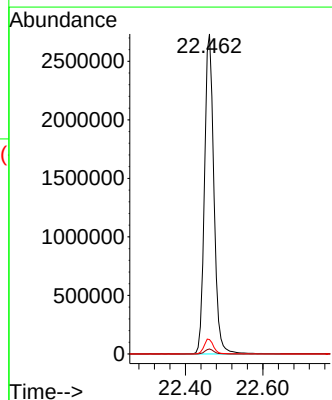
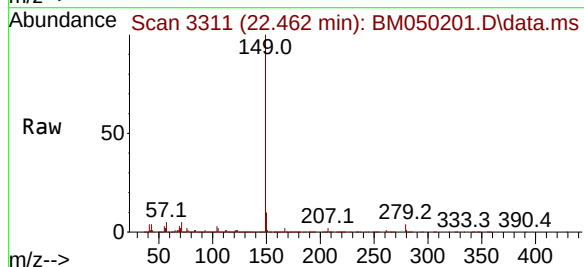
Instrument :
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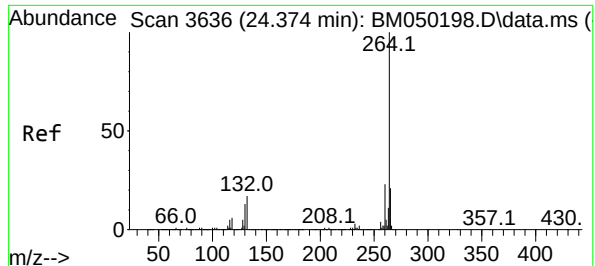
Tgt Ion:149 Resp: 2796211
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.4 3.5 5.3



#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

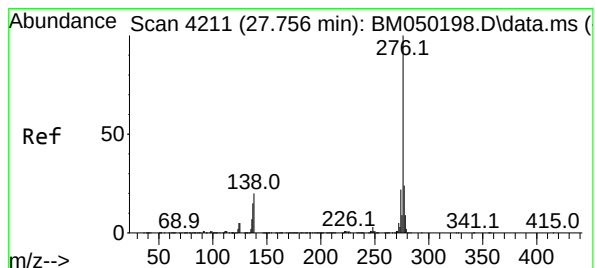
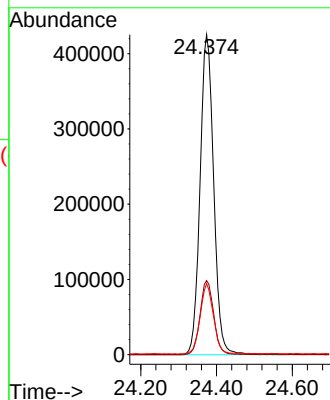
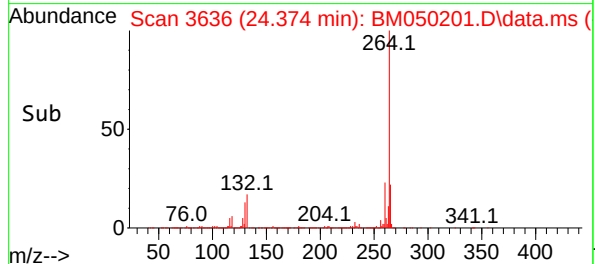
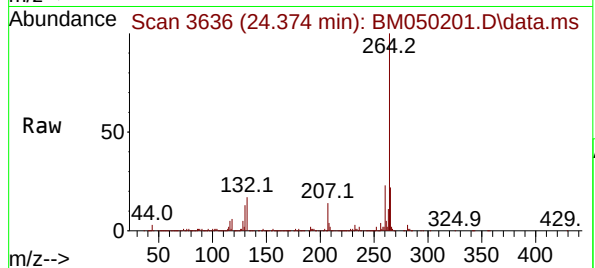




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

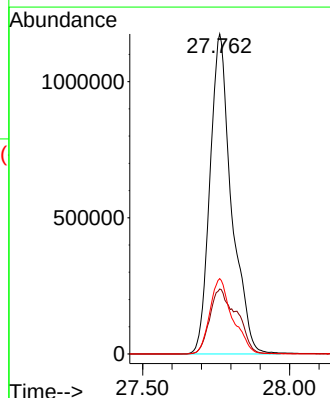
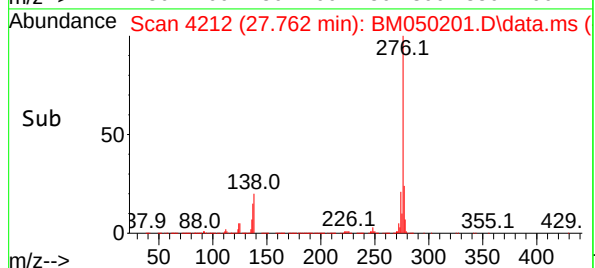
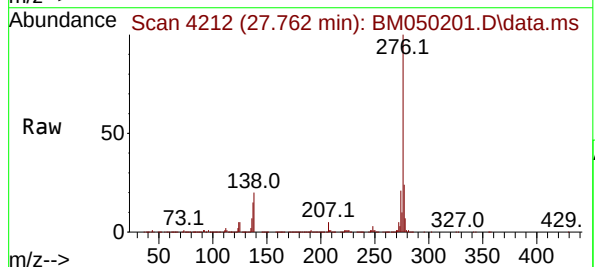
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

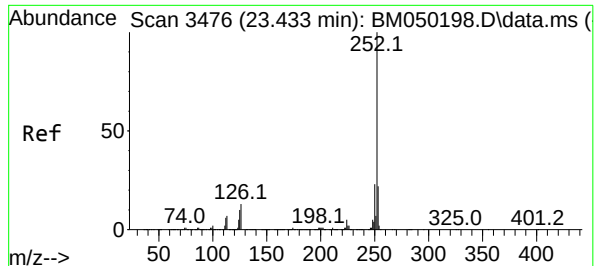
Tgt Ion:264 Resp: 1062363
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.3 16.8 25.2



#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

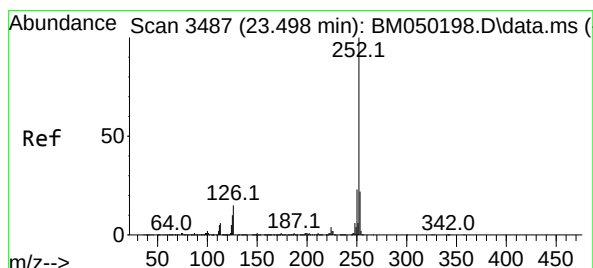
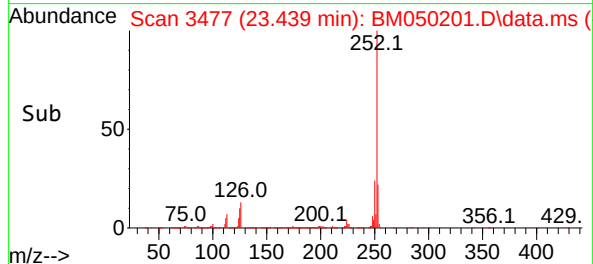
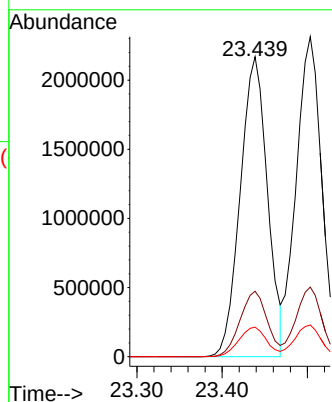
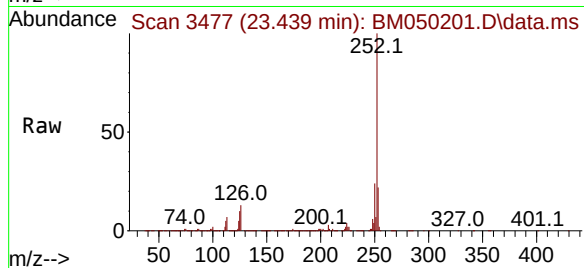




#88
Benzo(b)fluoranthene
Concen: 77.897 ng
RT: 23.439 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM050201.D
Acq: 05 Jun 2025 13:56

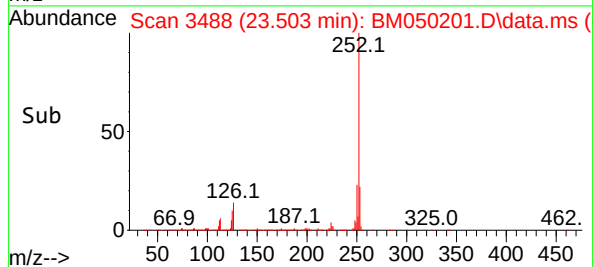
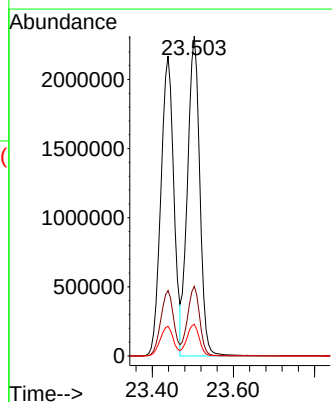
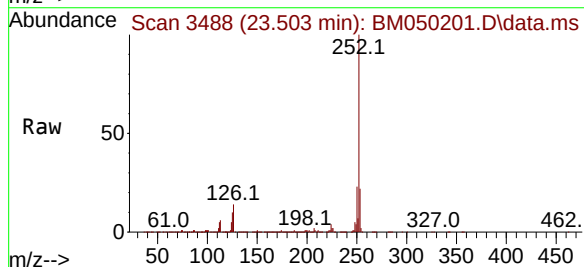
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

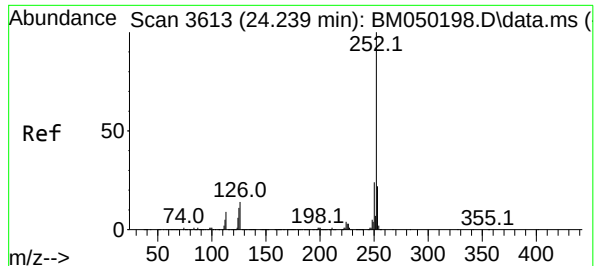
Tgt Ion:252 Resp: 4811379
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.9 8.2 12.4



#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

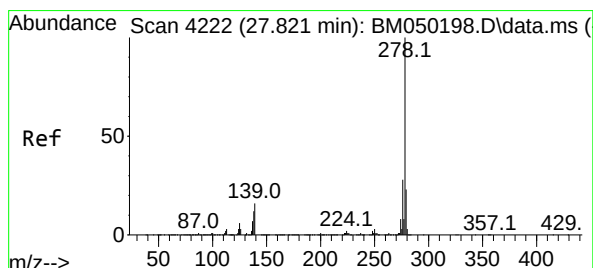
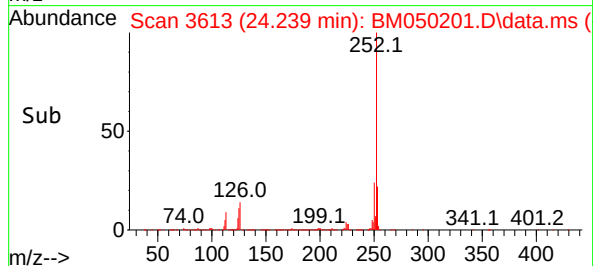
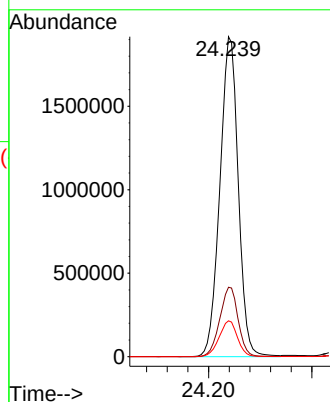
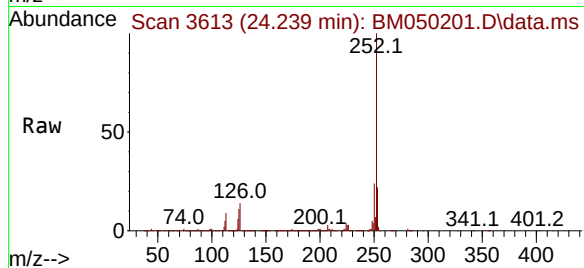
Tgt Ion:252 Resp: 4719647

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

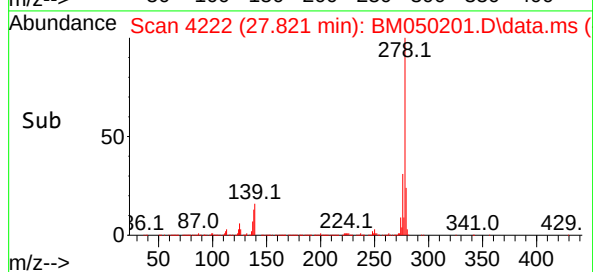
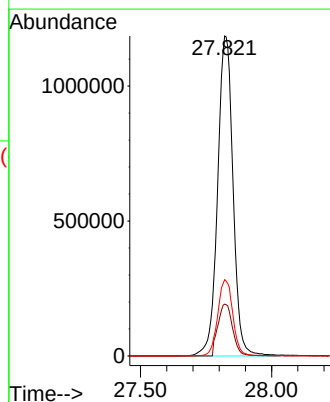
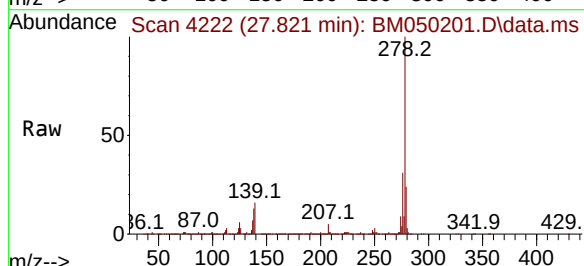
Tgt Ion:278 Resp: 4849919

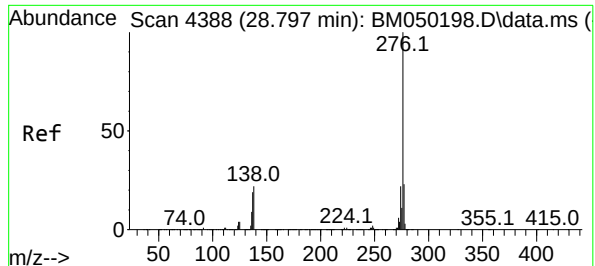
Ion Ratio Lower Upper

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

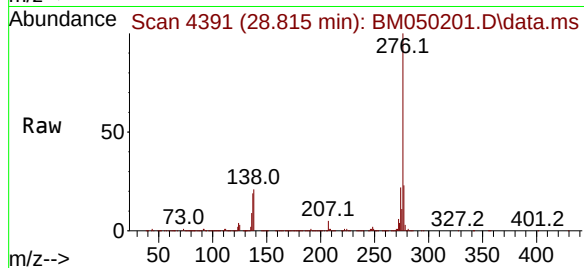
Acq: 05 Jun 2025 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



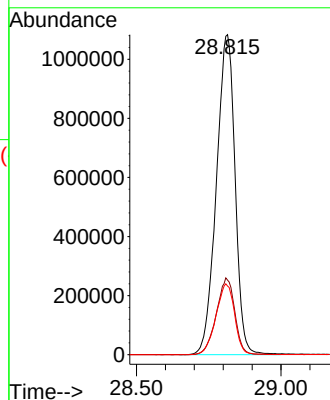
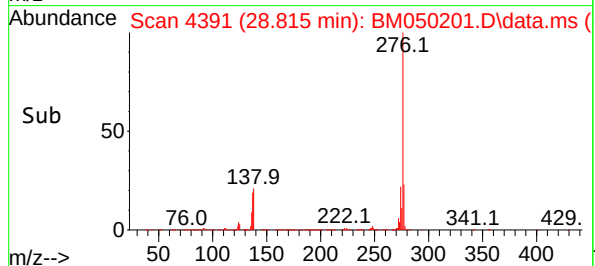
Tgt Ion:276 Resp: 4870648

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

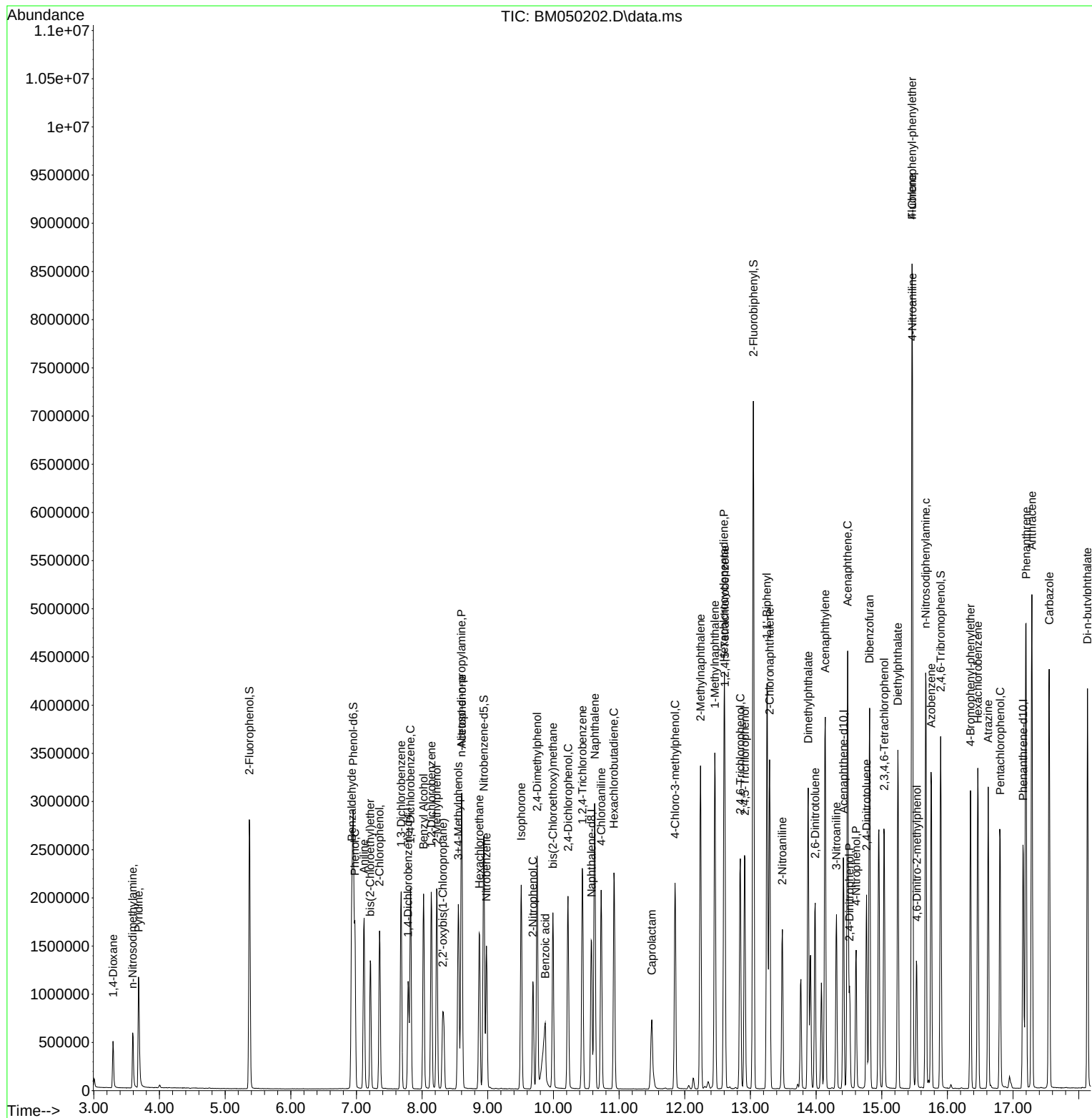
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
 Data File : BM050202.D
 Acq On : 05 Jun 2025 14:36
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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



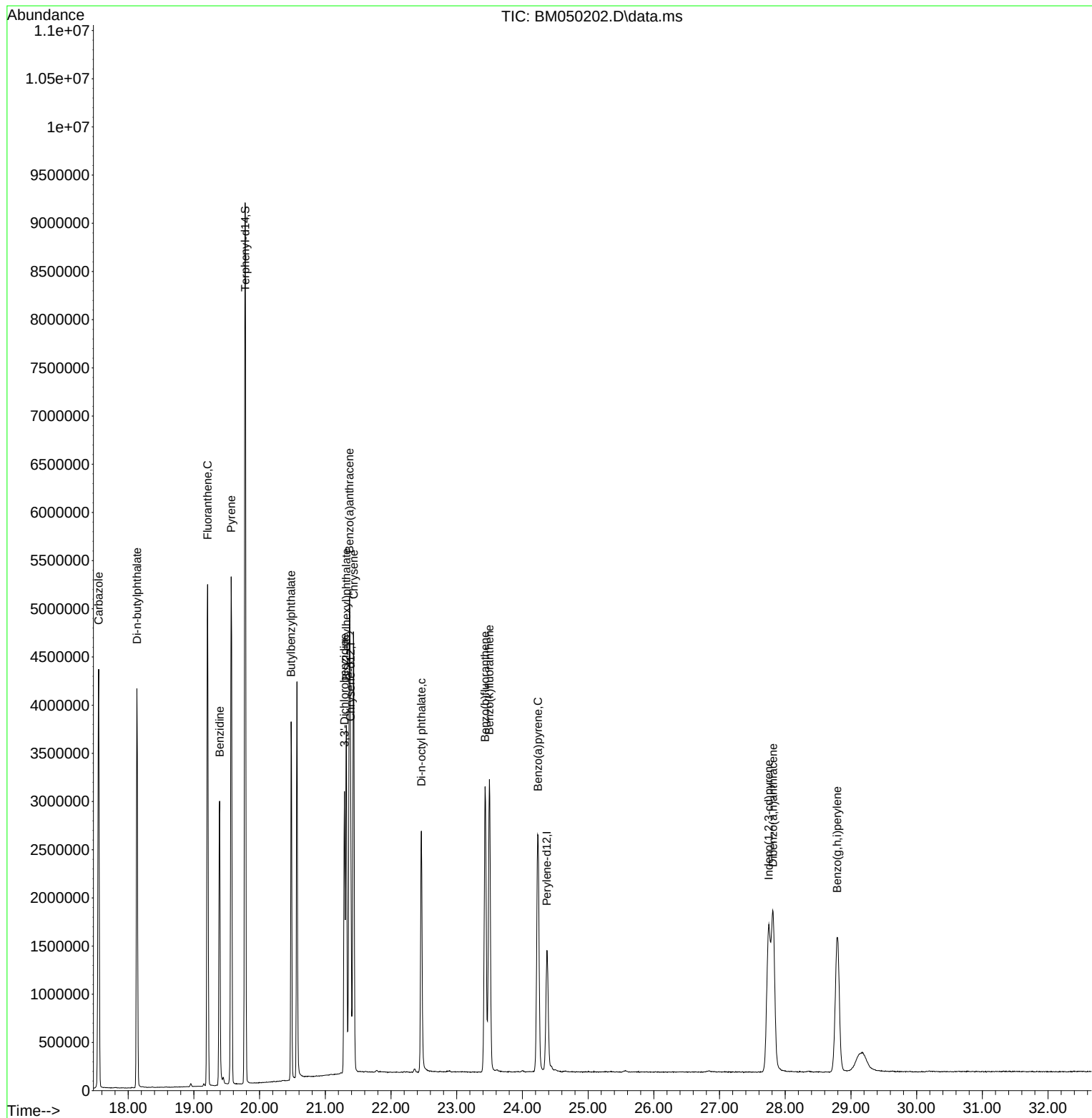
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Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

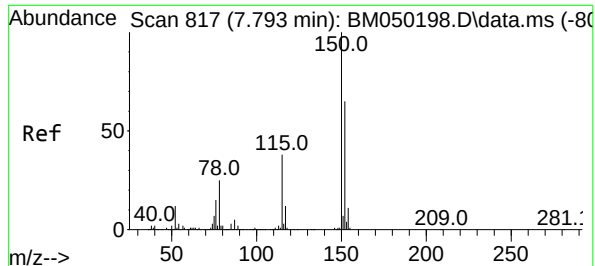
Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations
APPROVED

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

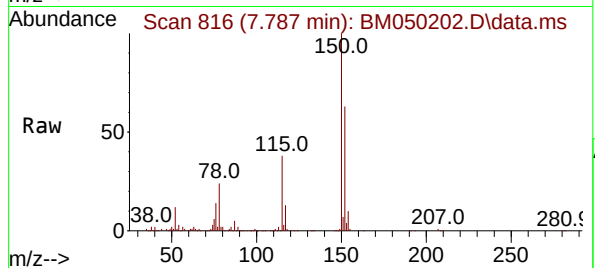
Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#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

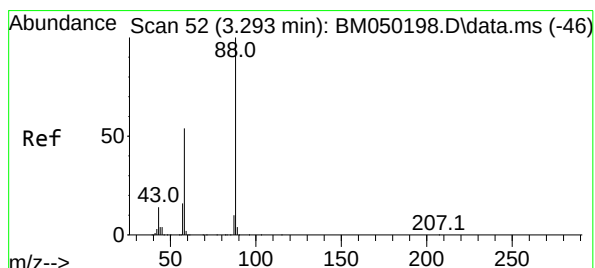
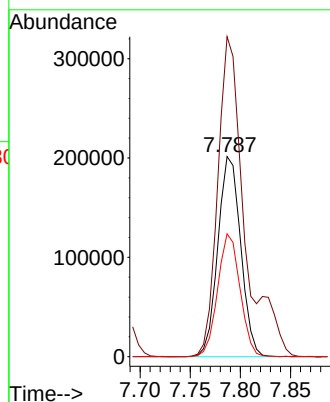
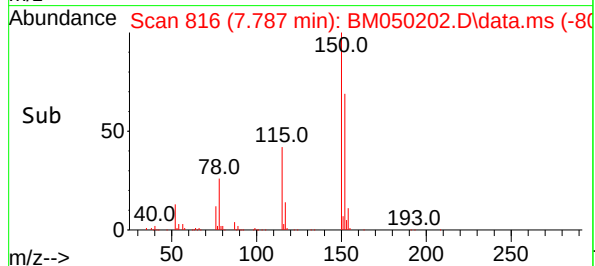
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

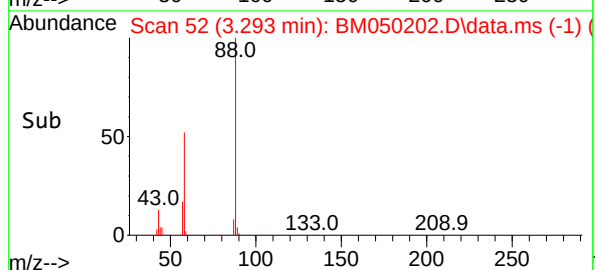
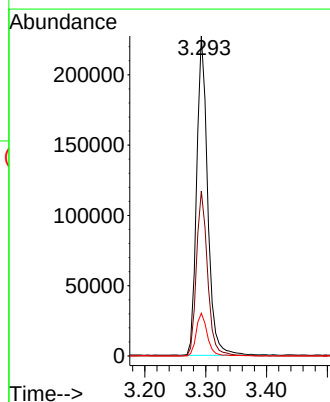
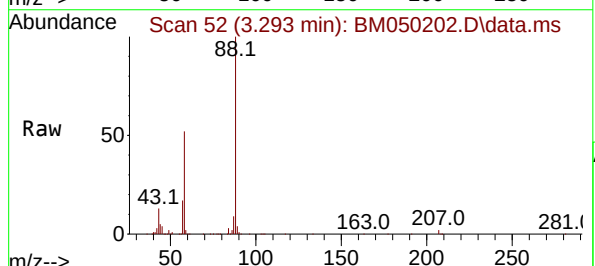
Manual Integrations
APPROVED

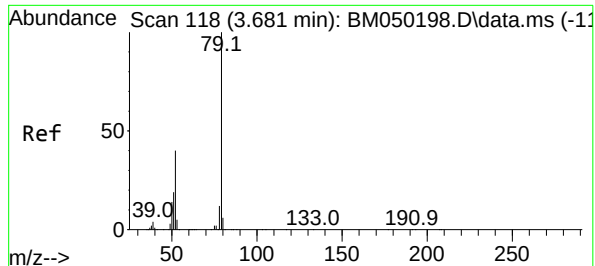
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

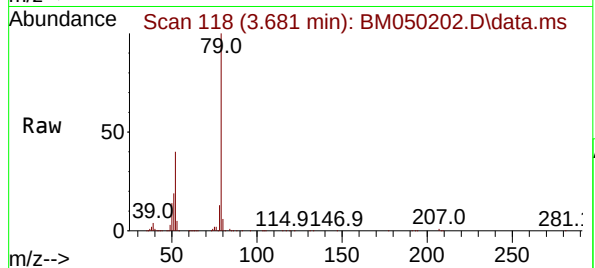
Tgt Ion: 88 Resp: 285619
Ion Ratio Lower Upper
88 100
58 52.3 42.9 64.3
43 13.5 11.0 16.6





#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

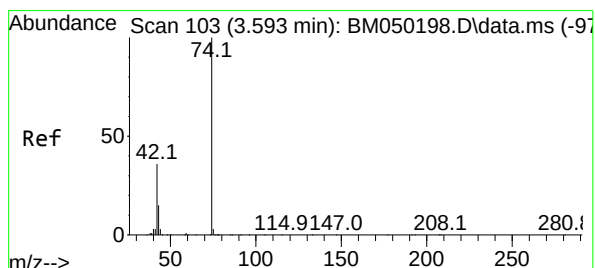
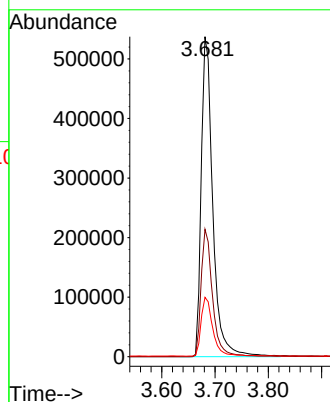
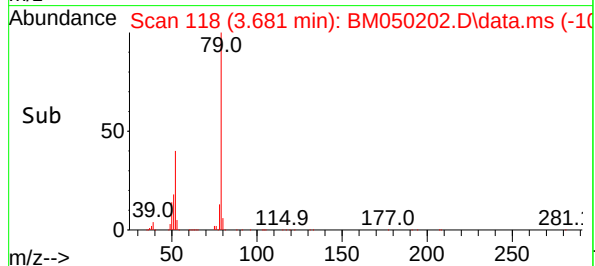
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

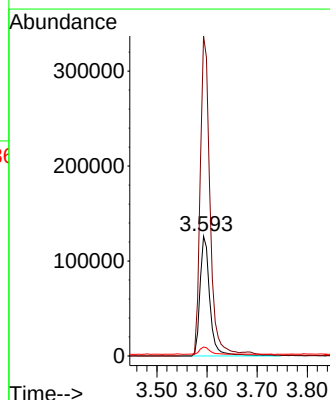
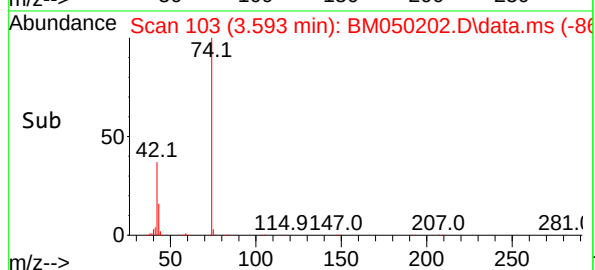
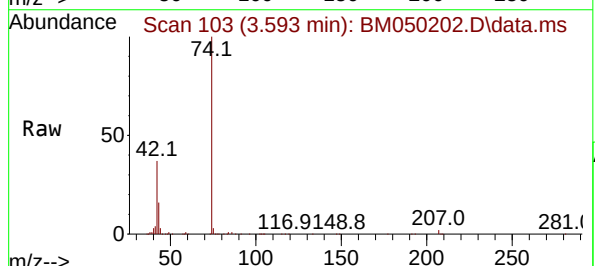
Manual Integrations
APPROVED

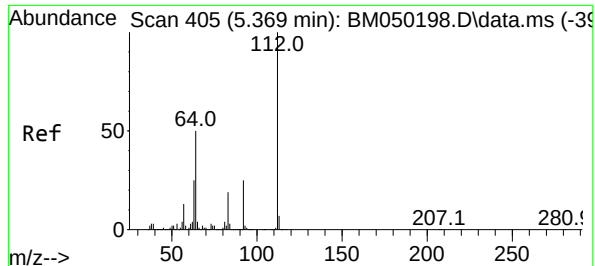
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

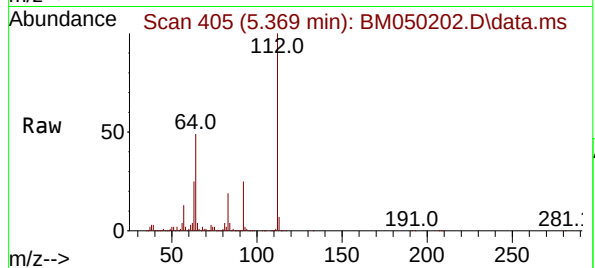
Tgt Ion: 42 Resp: 171804
Ion Ratio Lower Upper
42 100
74 267.3 222.0 333.0
44 7.5 7.0 10.6





#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

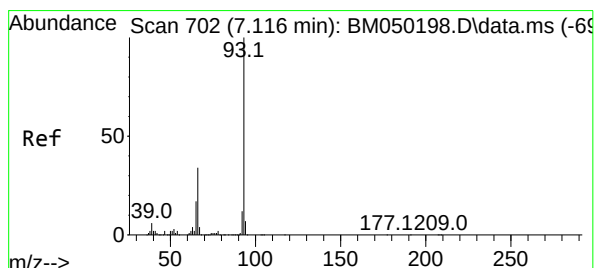
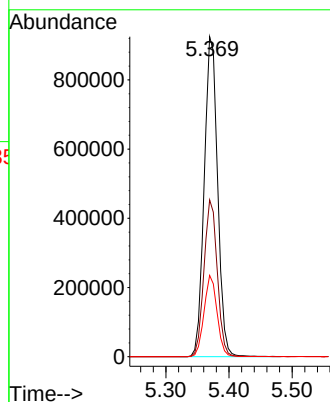
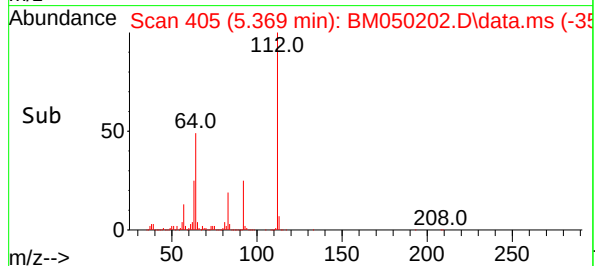
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

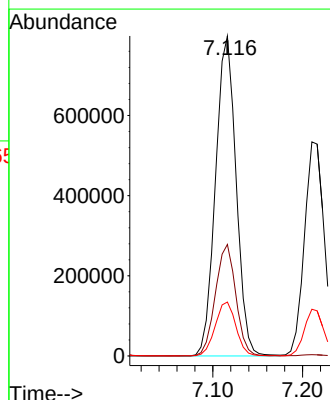
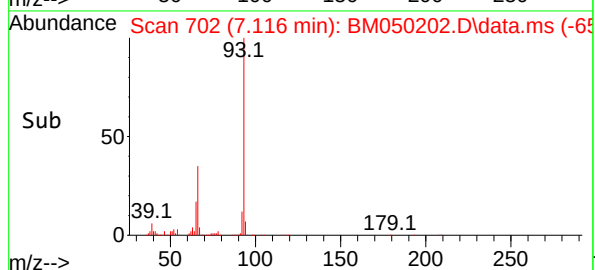
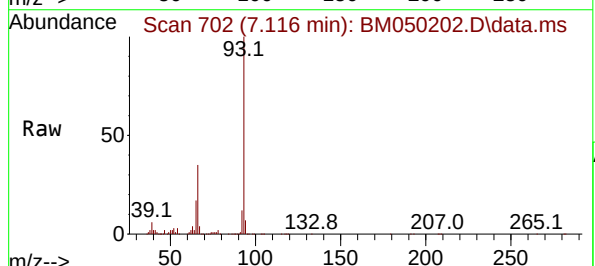
Manual Integrations
APPROVED

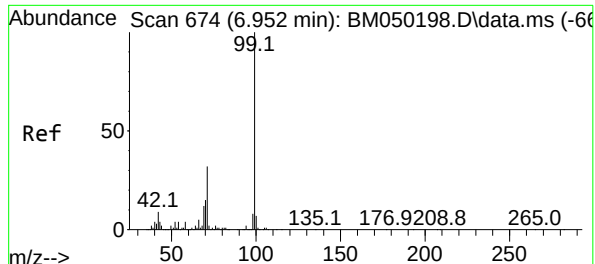
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

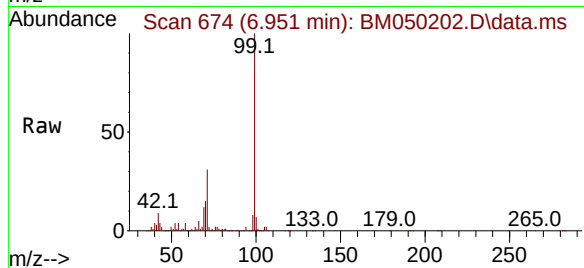
Tgt Ion: 93 Resp: 1270681
Ion Ratio Lower Upper
93 100
66 34.9 27.4 41.2
65 16.9 13.6 20.4





#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

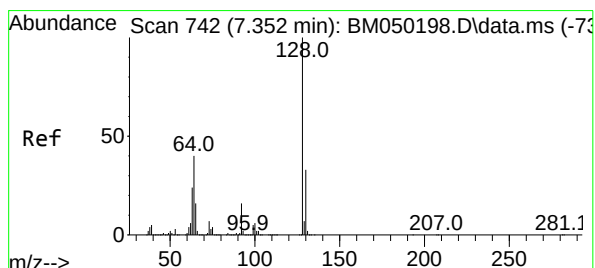
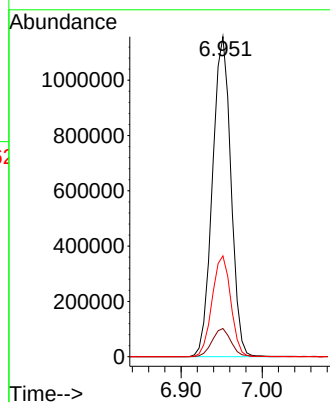
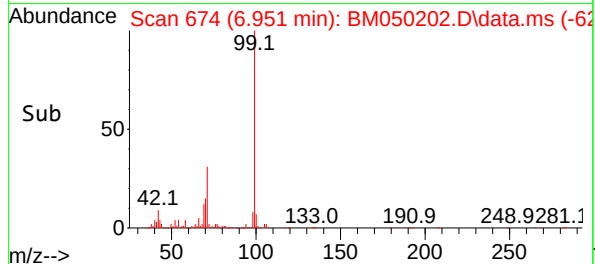
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

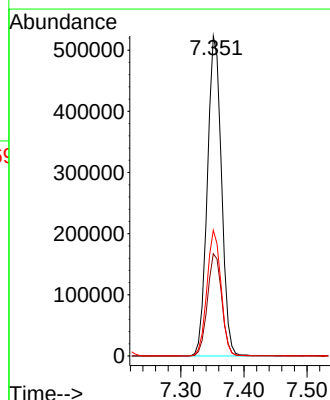
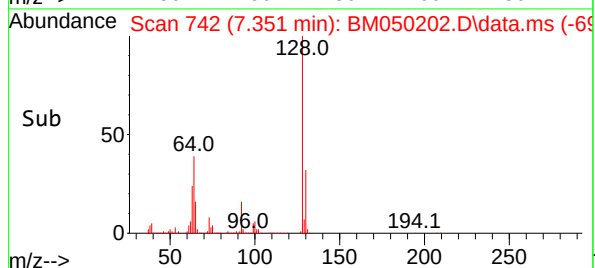
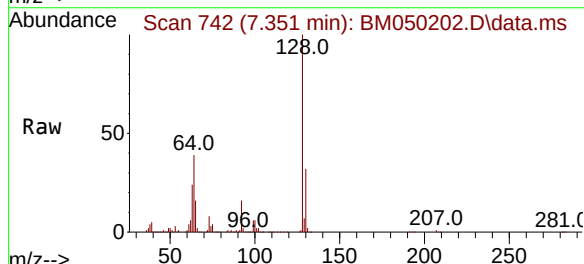
Manual Integrations
APPROVED

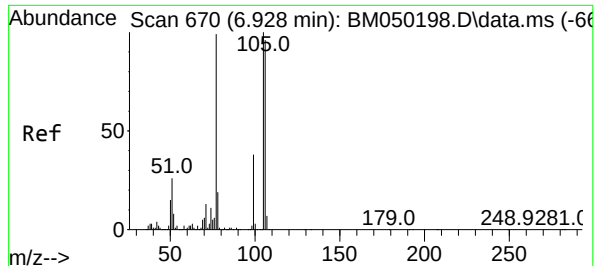
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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# 6

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

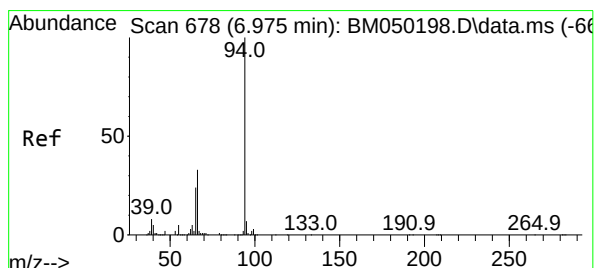
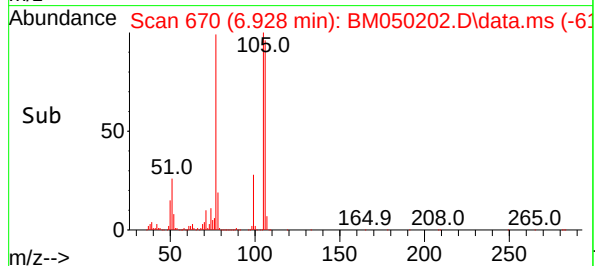
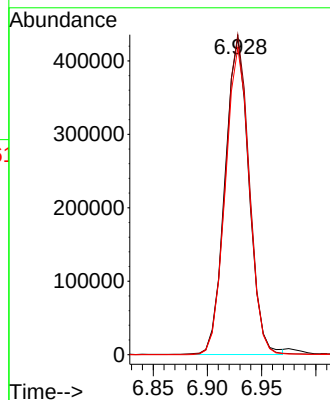
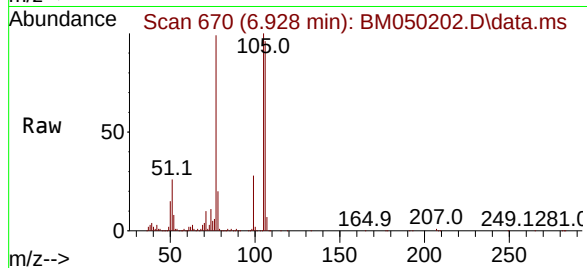
106 97.0 77.1 117.1

Manual Integrations

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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

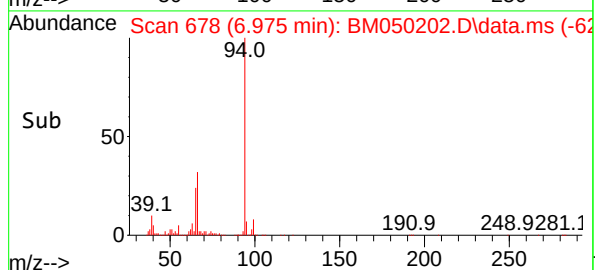
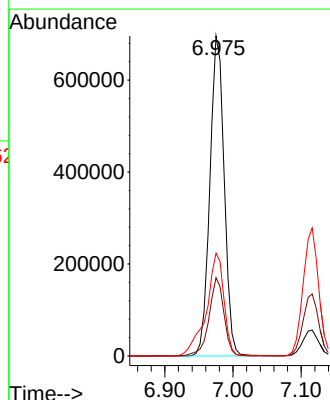
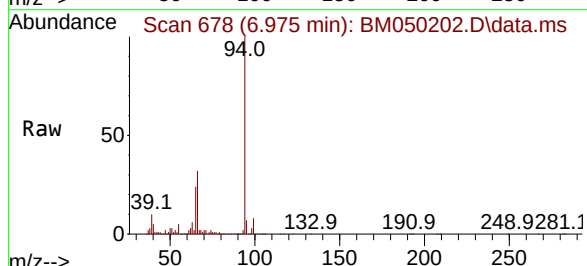
Tgt Ion: 94 Resp: 1020433

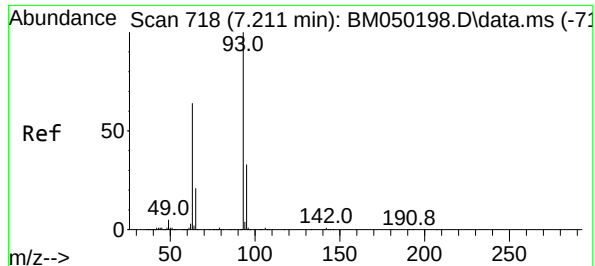
Ion Ratio Lower Upper

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

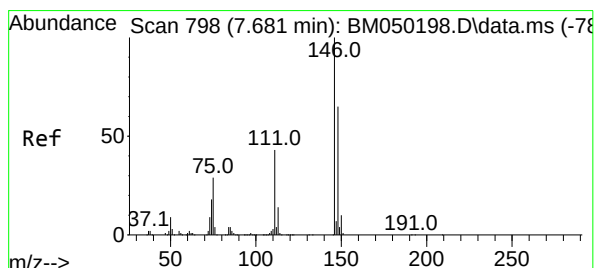
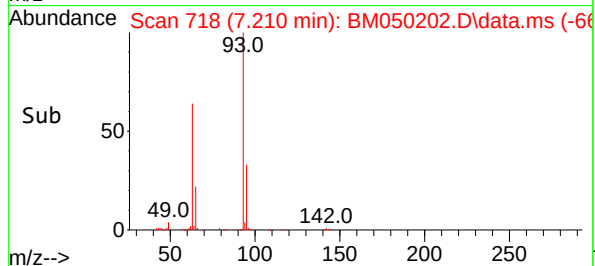
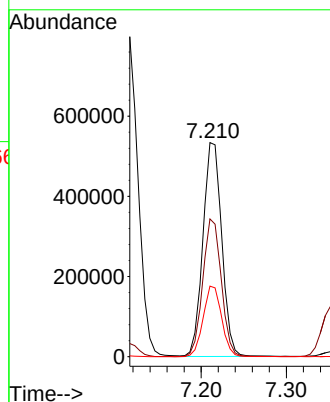
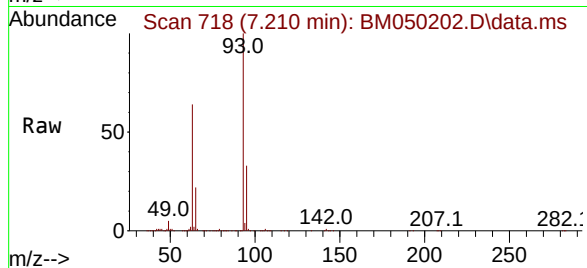
95 33.0 12.7 52.7

Manual Integrations

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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

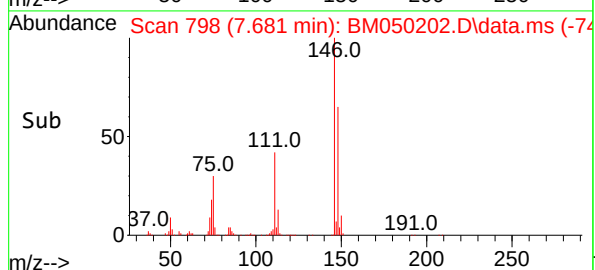
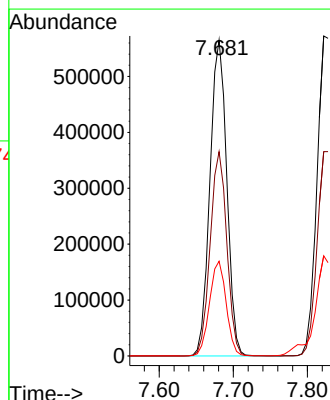
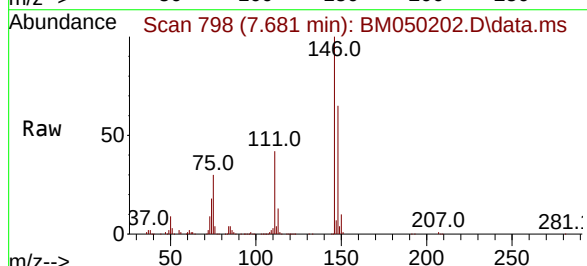
Tgt Ion:146 Resp: 890155

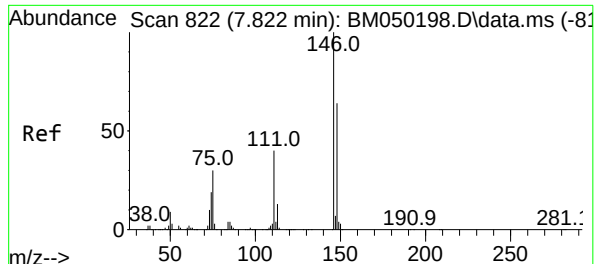
Ion Ratio Lower Upper

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

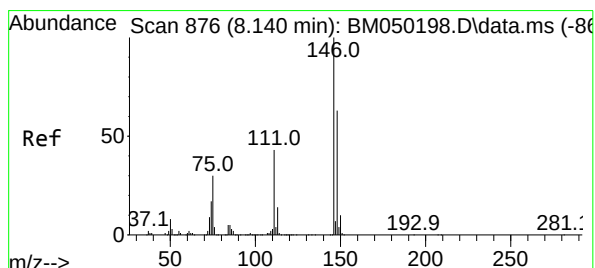
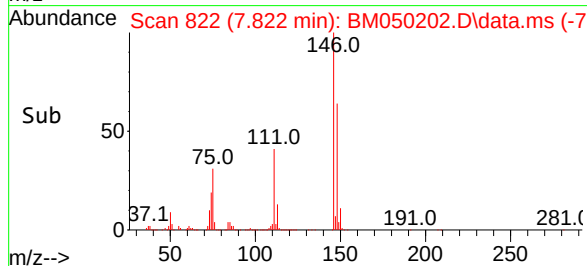
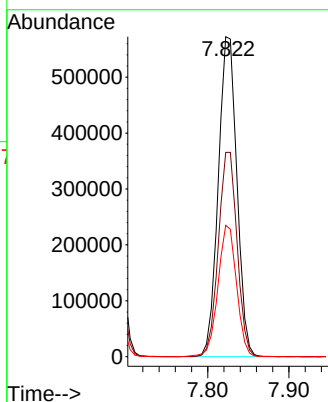
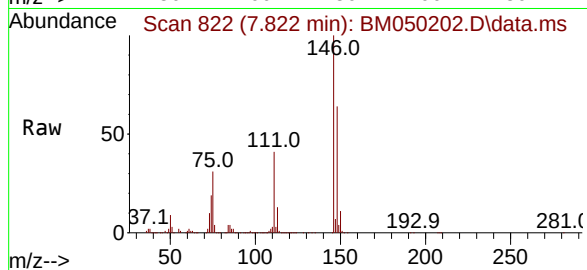
111 41.1 32.3 48.5

Manual Integrations

APPROVED

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

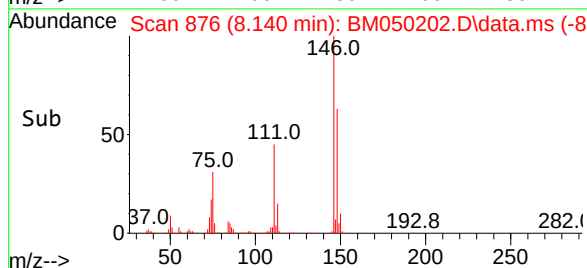
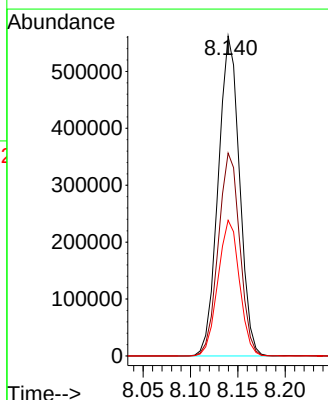
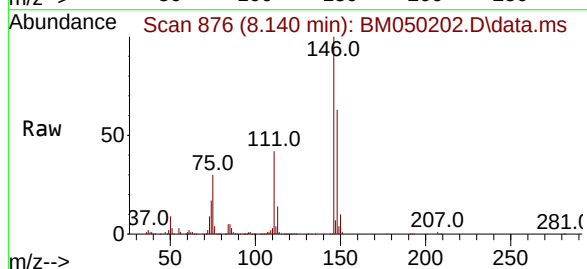
Tgt Ion:146 Resp: 881362

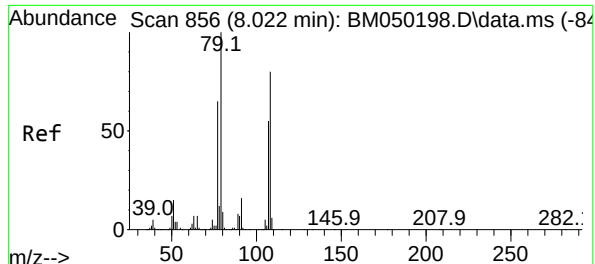
Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

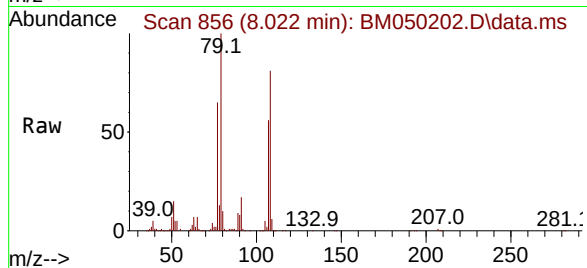
111 42.4 34.3 51.5





#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

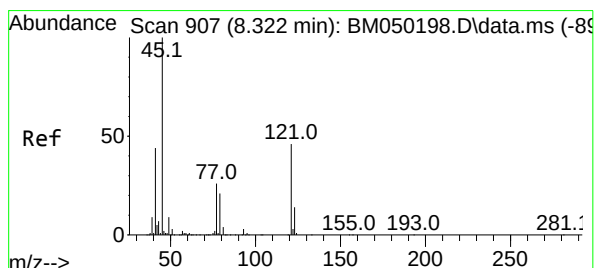
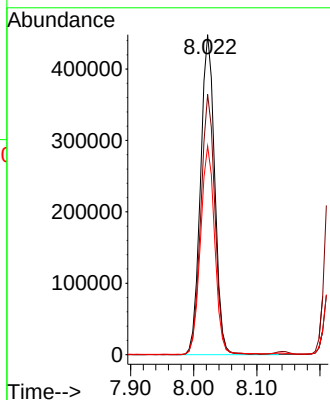
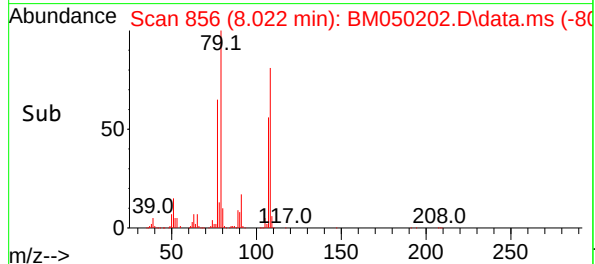
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



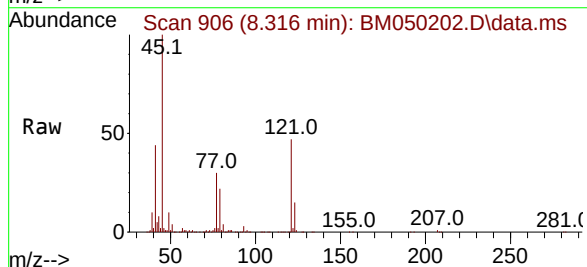
Tgt Ion: 79 Resp: 702528
Ion Ratio Lower Upper
79 100
108 81.3 64.0 96.0
77 65.1 52.2 78.2

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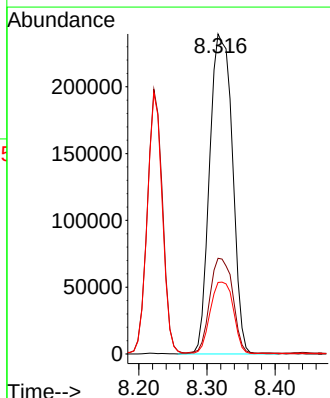
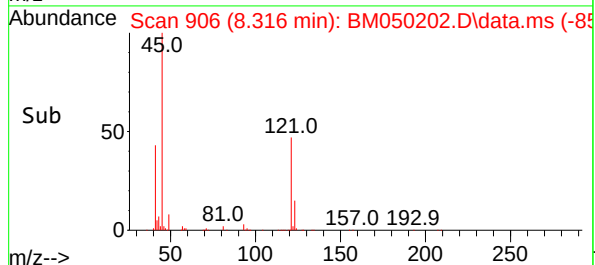
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

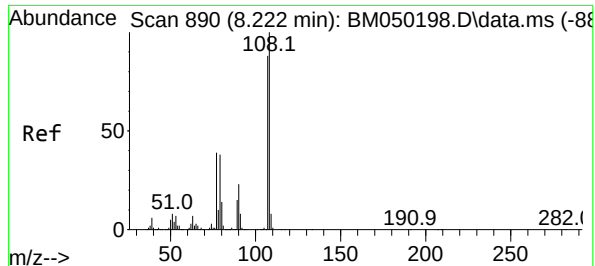


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.404 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



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

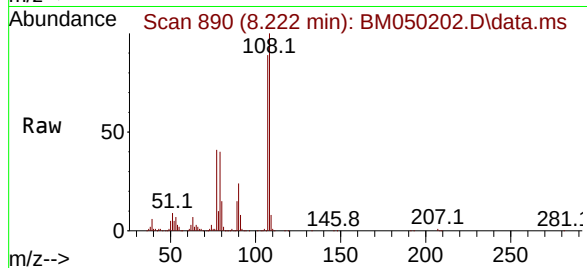
Acq: 05 Jun 2025 14:36

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

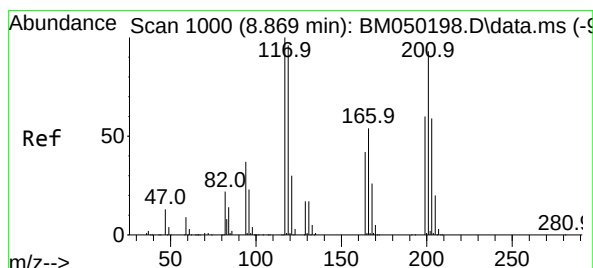
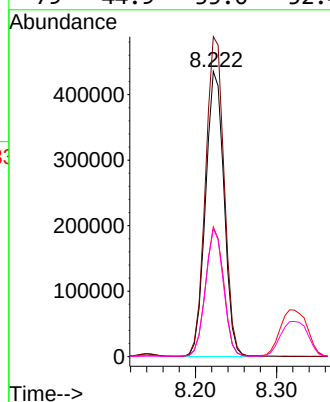
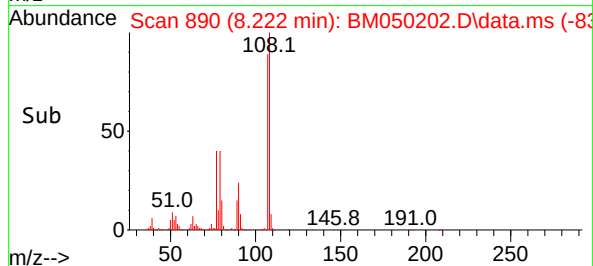
79 44.9 35.0 52.4

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

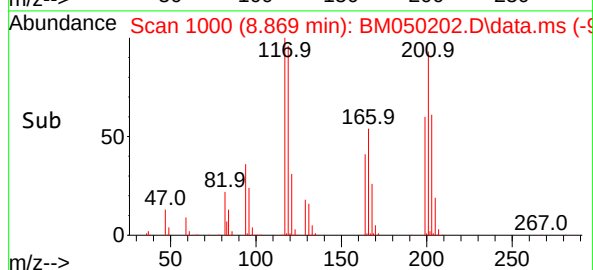
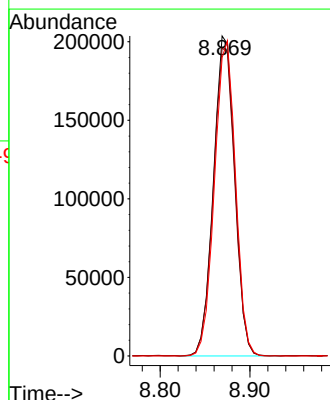
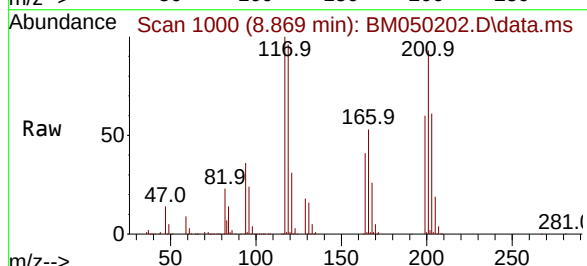
Tgt Ion:117 Resp: 336898

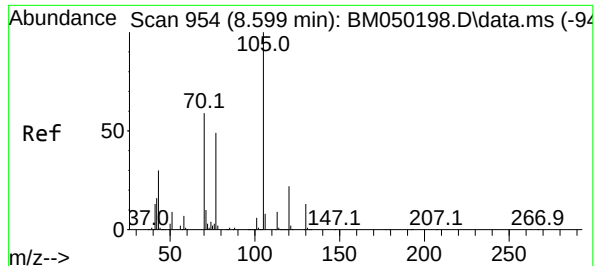
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.6

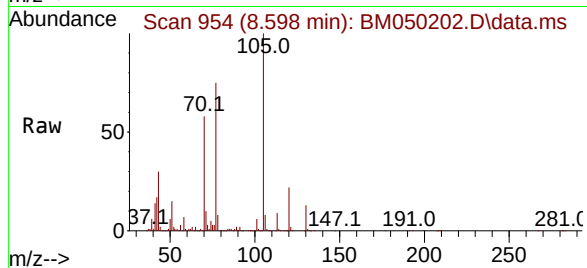
201 93.2 74.6 111.8





#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

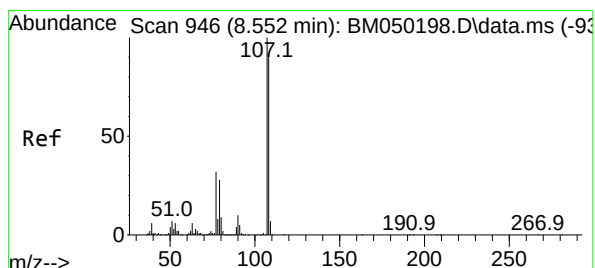
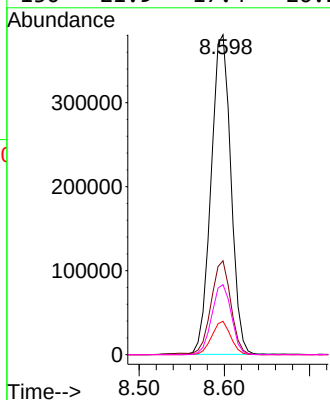
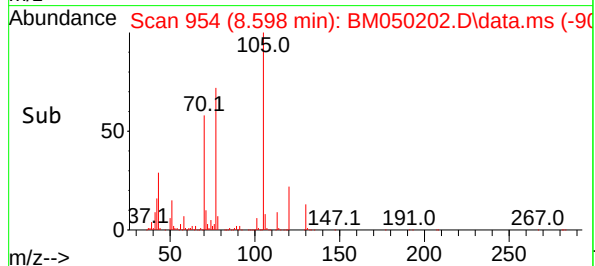
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

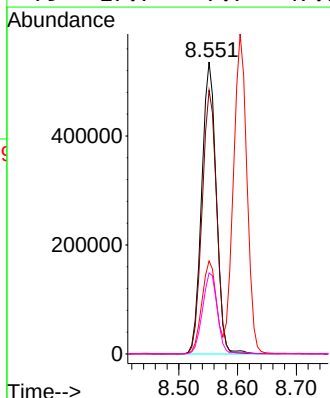
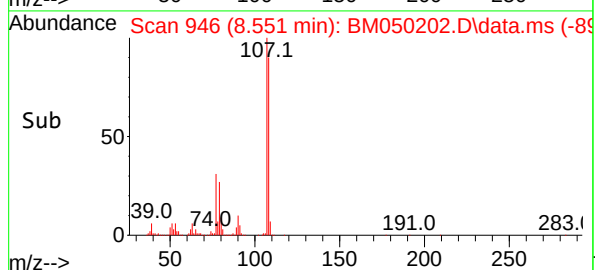
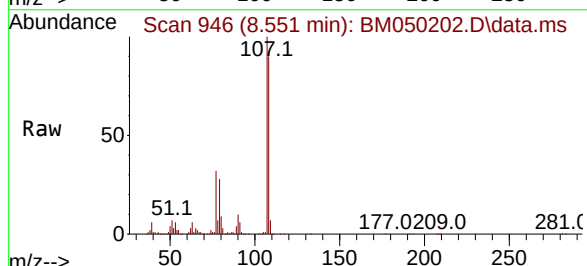
Manual Integrations
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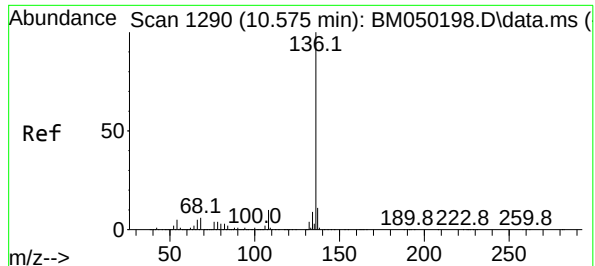
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

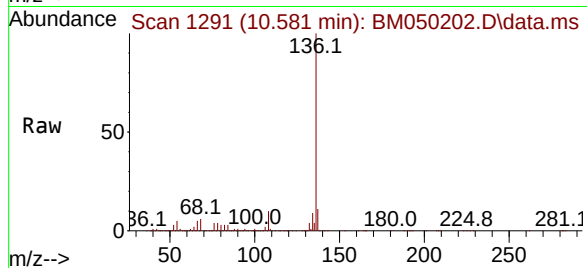
Tgt Ion:107 Resp: 925708
Ion Ratio Lower Upper
107 100
108 90.3 70.4 110.4
77 31.8 12.2 52.2
79 27.7 7.7 47.7





#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

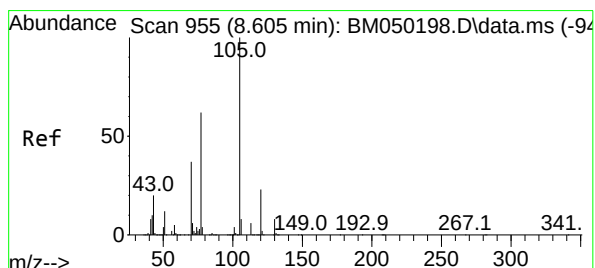
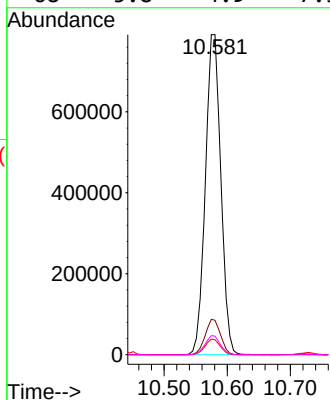
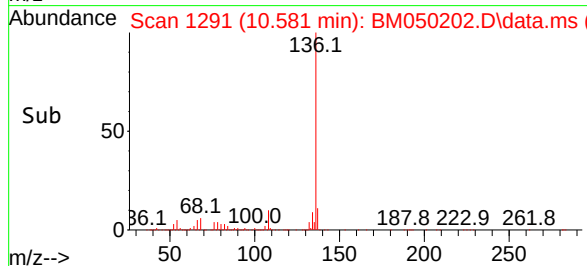
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

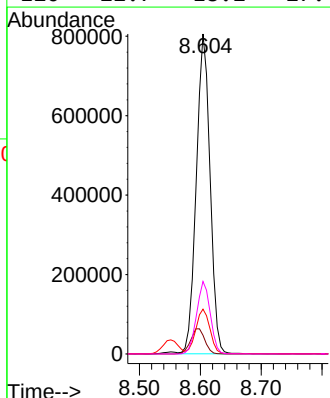
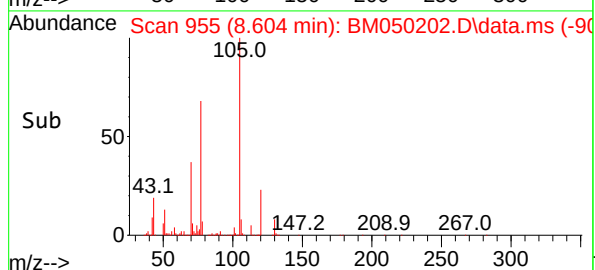
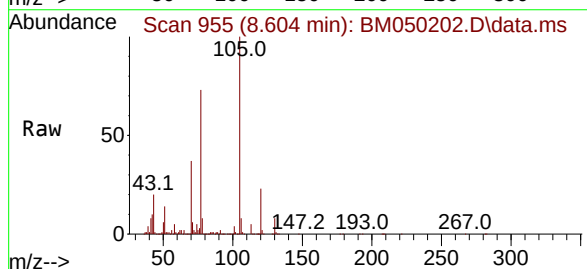
Manual Integrations
APPROVED

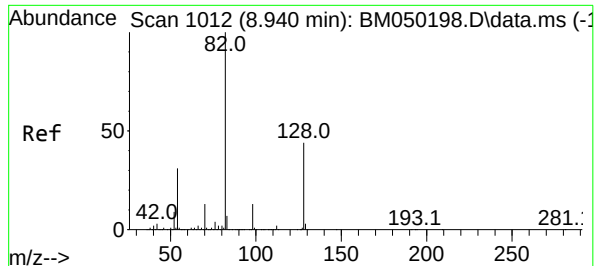
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

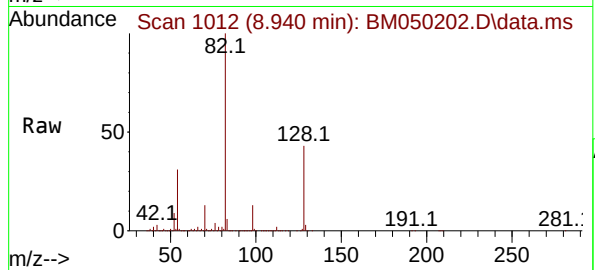
Tgt Ion:105 Resp: 1264911
Ion Ratio Lower Upper
105 100
71 5.8 5.0 7.4
51 14.0 11.4 17.2
120 22.7 18.2 27.4





#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

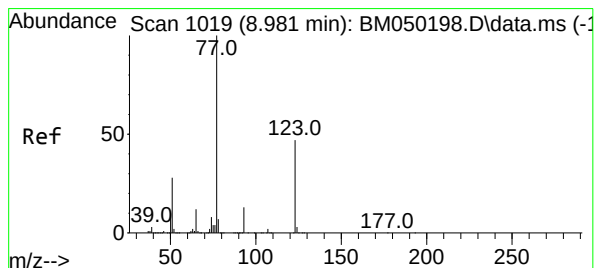
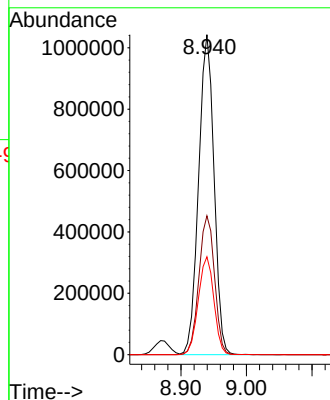
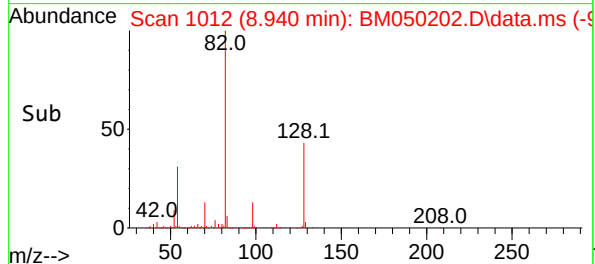
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

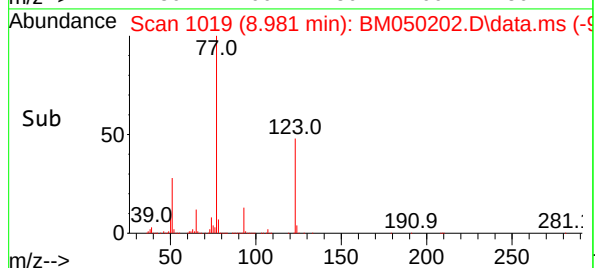
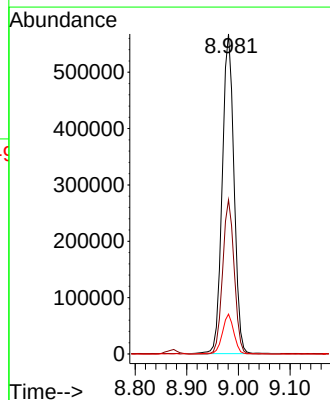
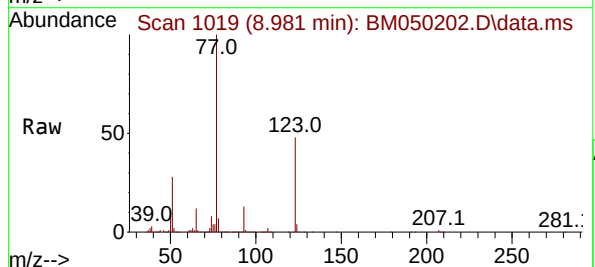
Manual Integrations
APPROVED

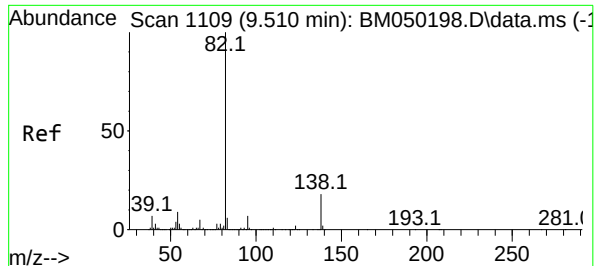
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

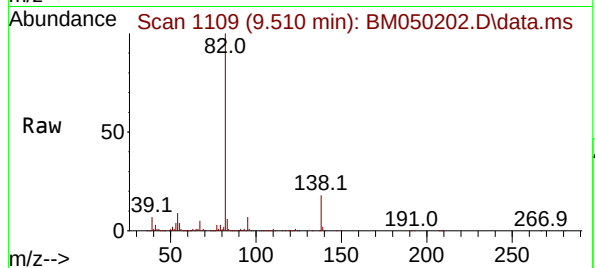
Tgt Ion: 77 Resp: 897378
Ion Ratio Lower Upper
77 100
123 48.1 38.2 57.2
65 12.5 9.5 14.3





#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

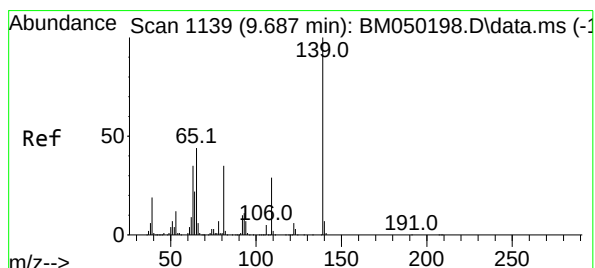
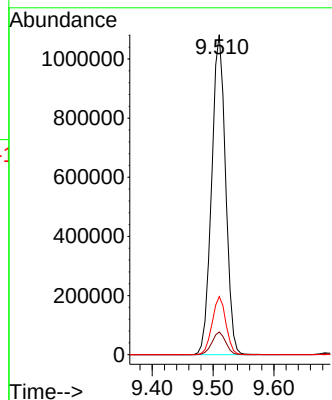
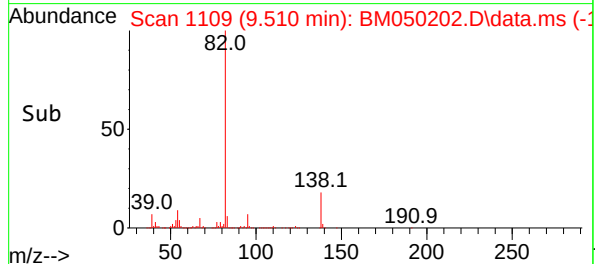
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

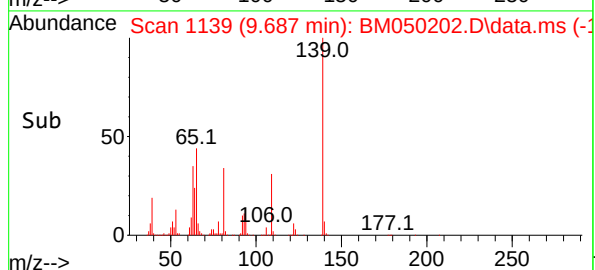
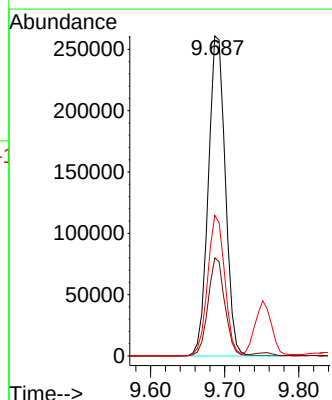
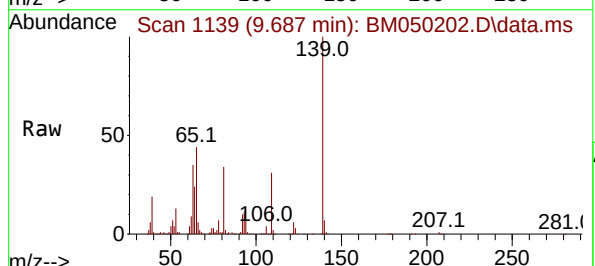
Manual Integrations
APPROVED

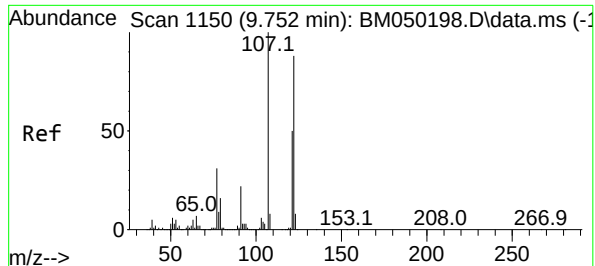
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

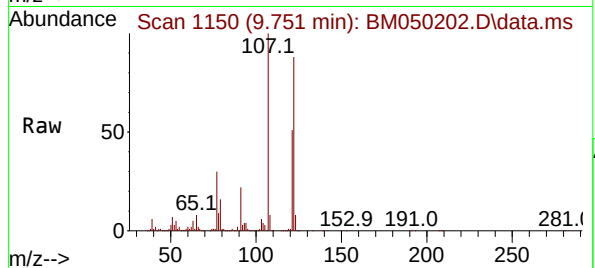
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:122 Resp: 79154

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.6

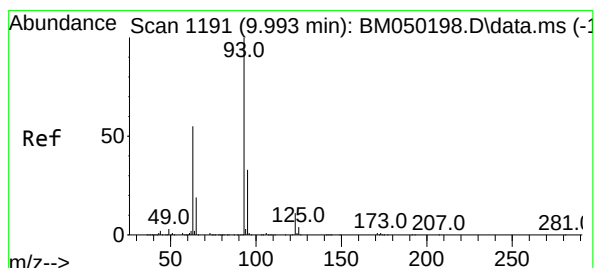
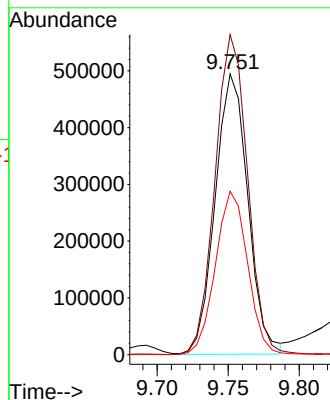
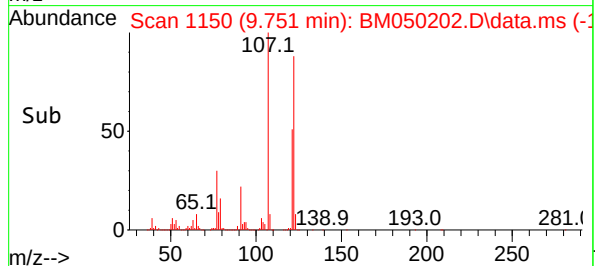
121 58.2 45.8 68.6

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

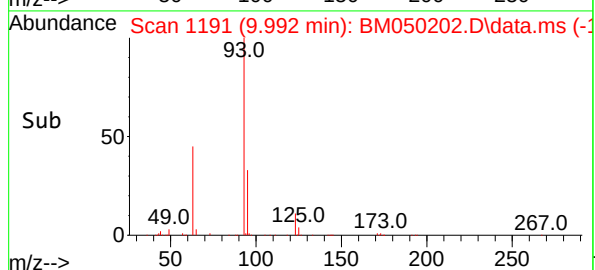
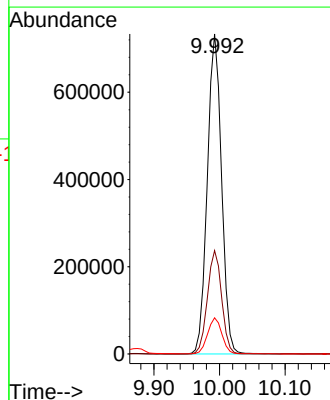
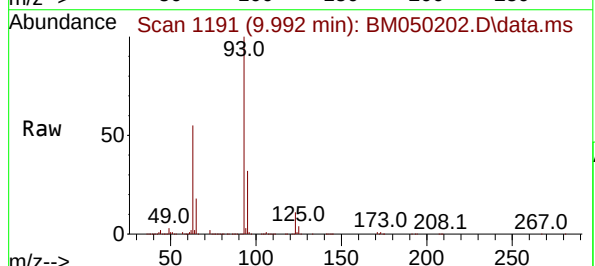
Tgt Ion: 93 Resp: 1110519

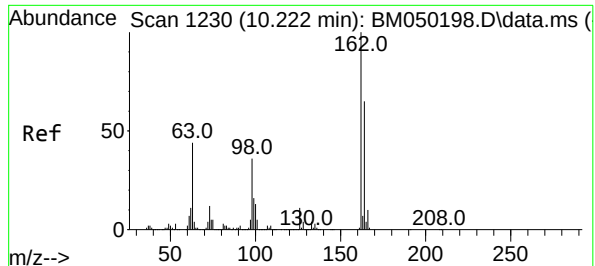
Ion Ratio Lower Upper

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

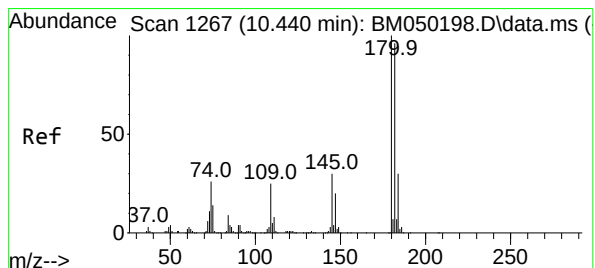
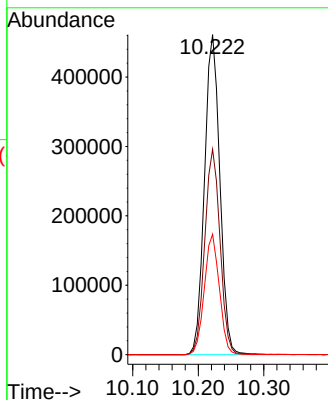
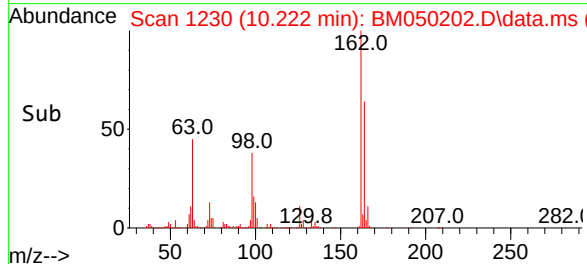
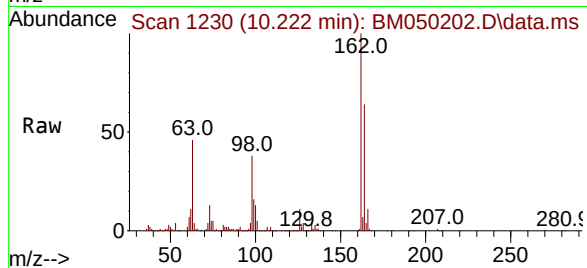
98 37.6 16.3 56.3

Manual Integrations

APPROVED

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

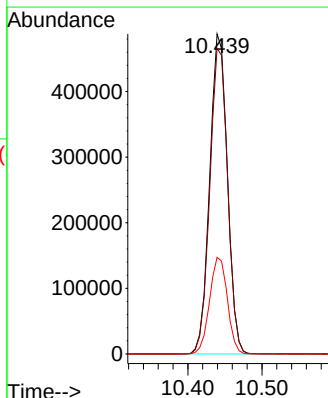
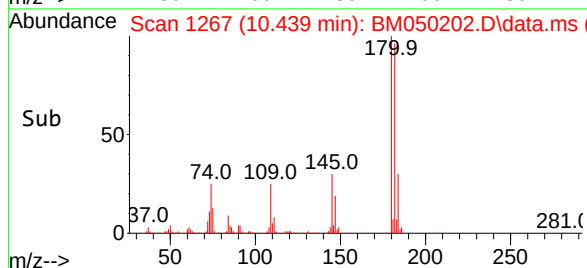
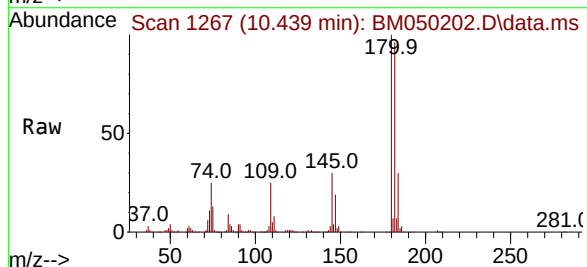
Tgt Ion:180 Resp: 807629

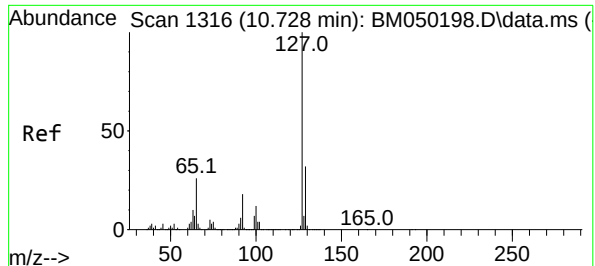
Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

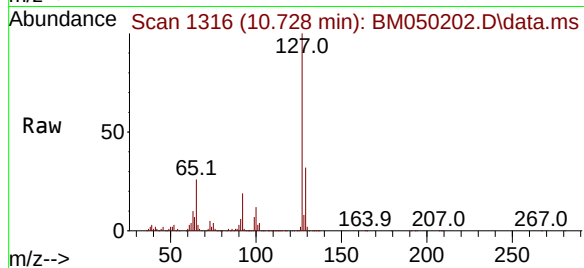
145 30.2 24.2 36.4





#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

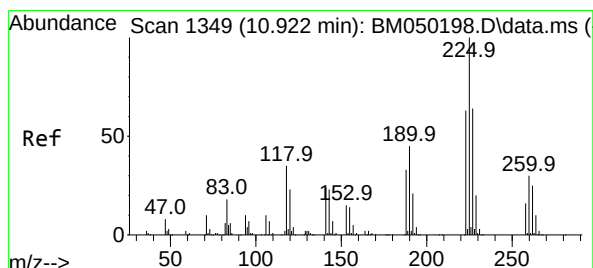
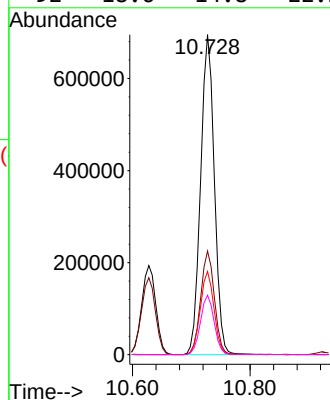
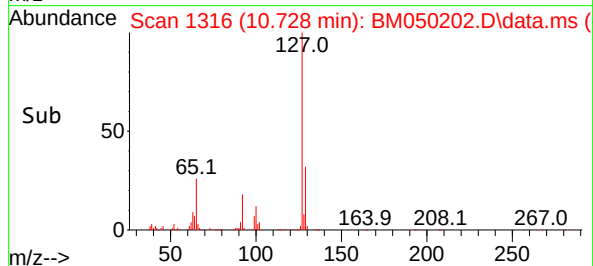
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

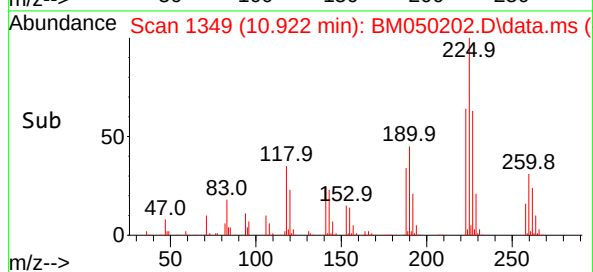
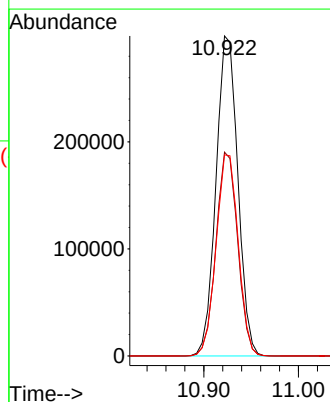
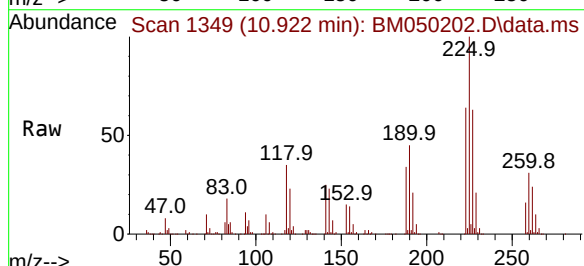
Manual Integrations
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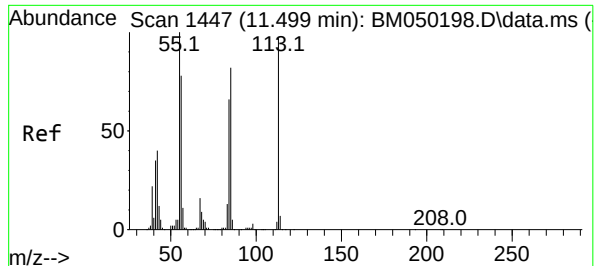
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

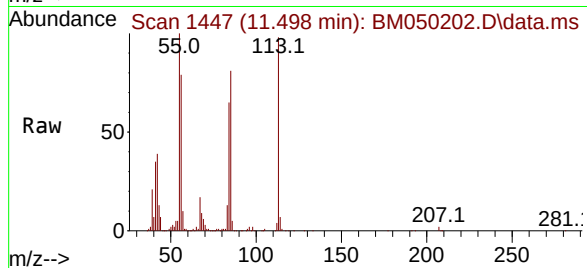
Tgt Ion:225 Resp: 479592
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.2
227 62.9 51.0 76.4





#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

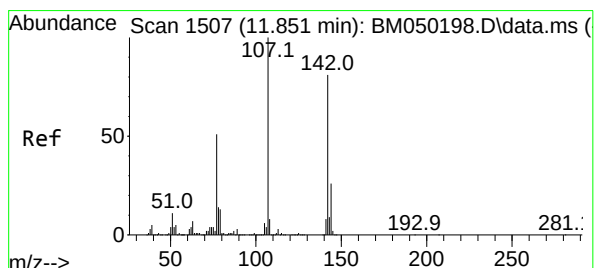
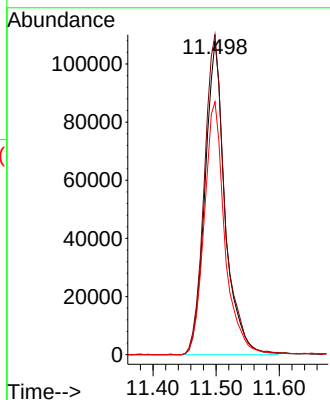
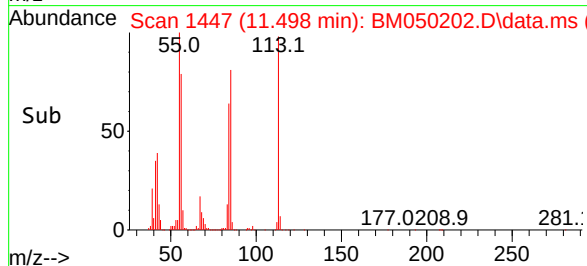
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

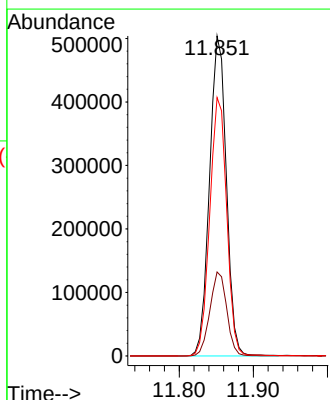
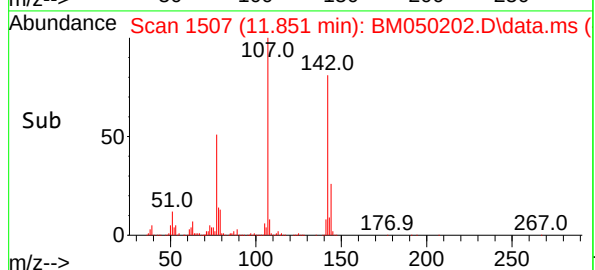
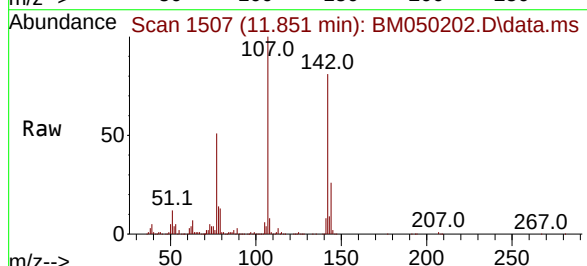
Manual Integrations
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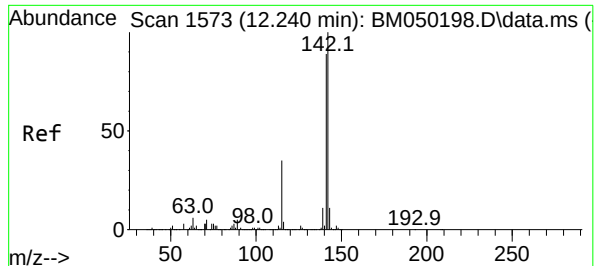
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

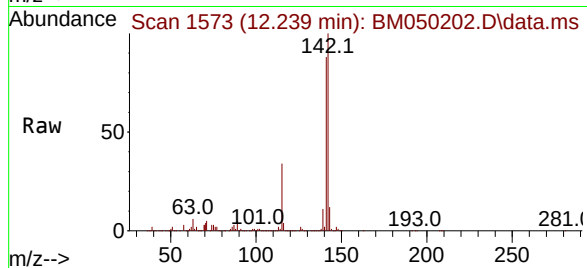
Tgt Ion:107 Resp: 794929
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.8 64.8 97.2





#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

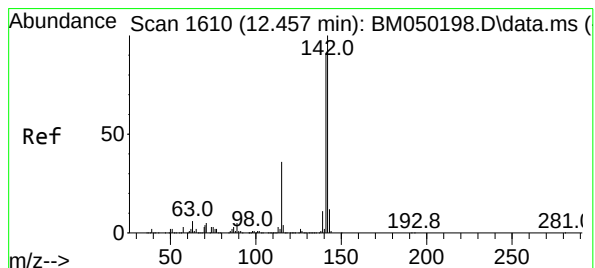
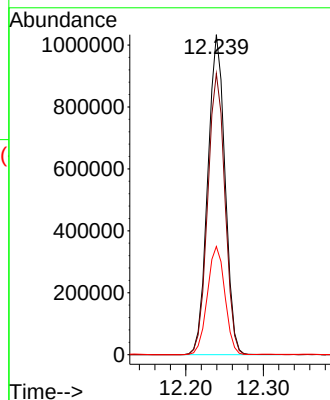
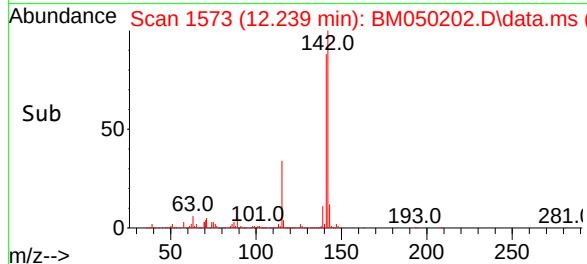
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



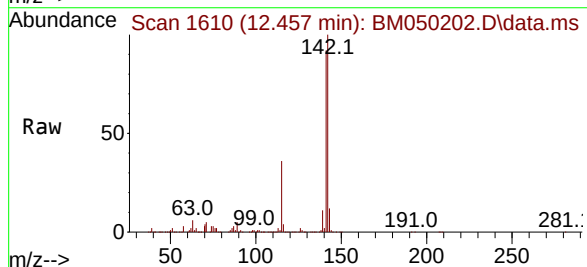
Tgt Ion:142 Resp: 159451
Ion Ratio Lower Upper
142 100
141 87.8 71.5 107.3
115 33.8 27.8 41.8

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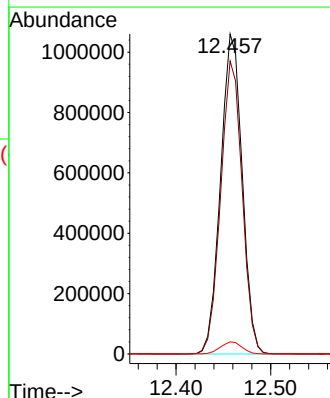
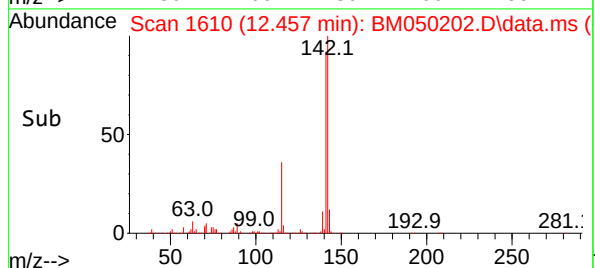
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

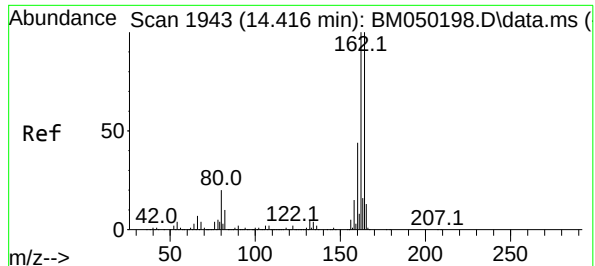


#38
1-Methylnaphthalene
Concen: 37.722 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



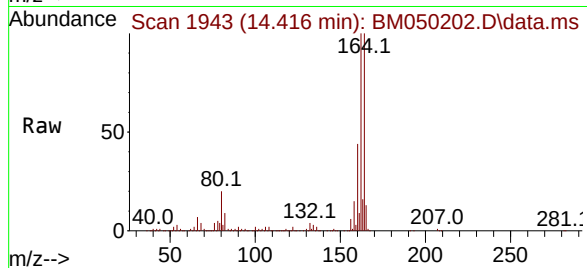
Tgt Ion:142 Resp: 1680613
Ion Ratio Lower Upper
142 100
141 91.5 72.9 109.3
116 3.8 3.0 4.6





#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

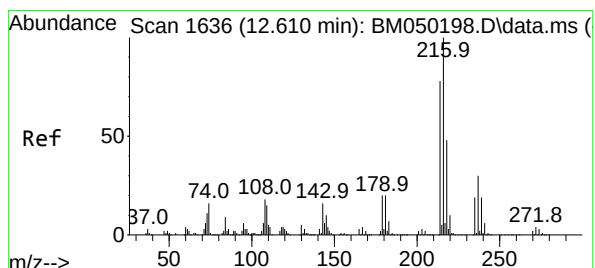
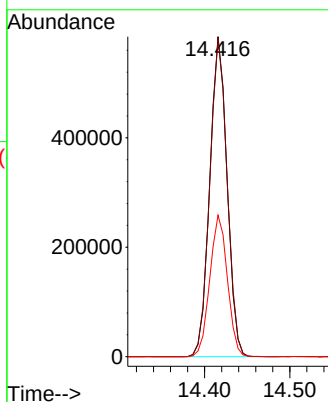
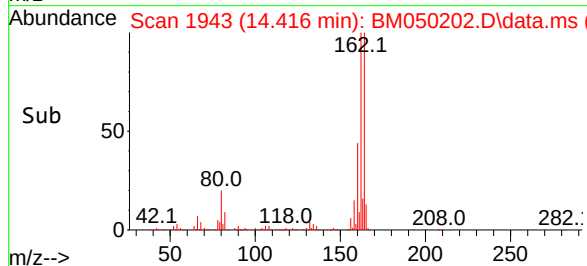
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

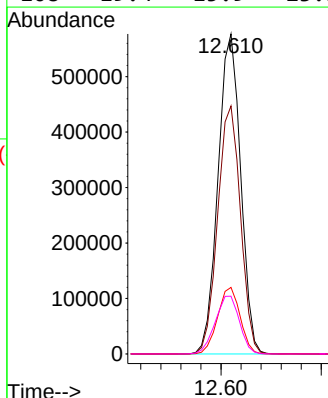
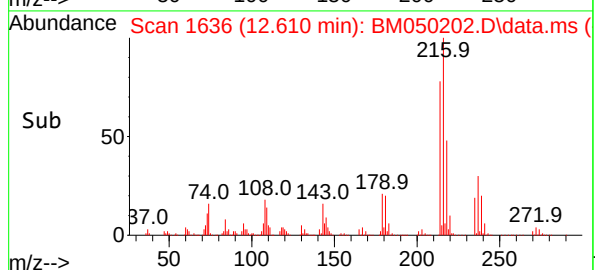
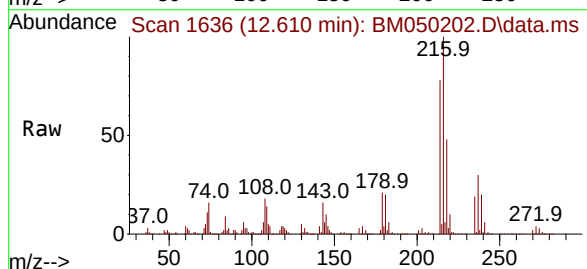
Manual Integrations
APPROVED

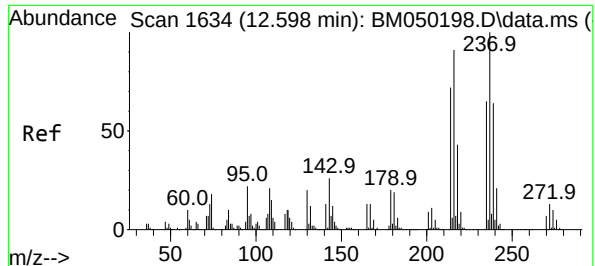
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.845 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

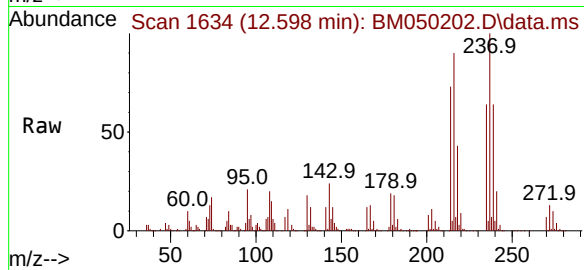
Tgt Ion:216 Resp: 900972
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 20.7 16.6 25.0
108 19.4 15.9 23.9





#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

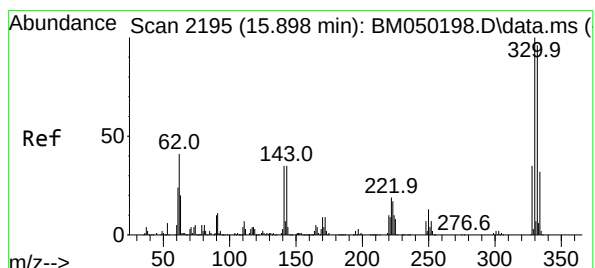
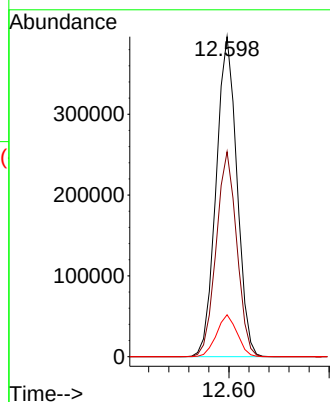
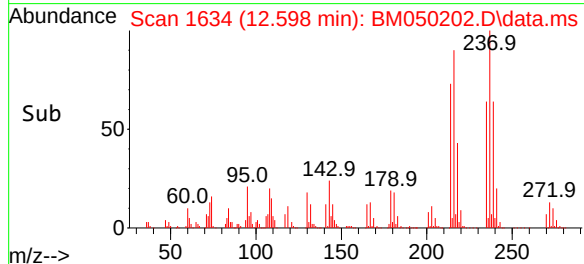
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

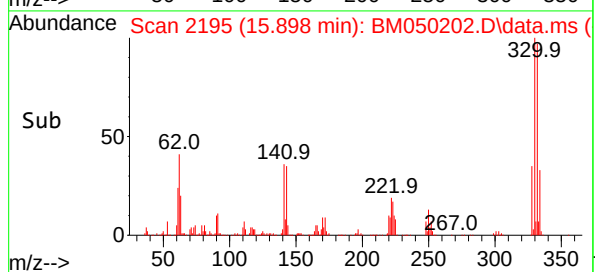
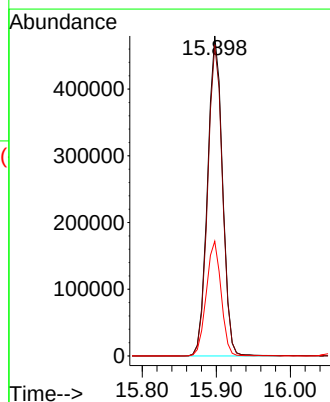
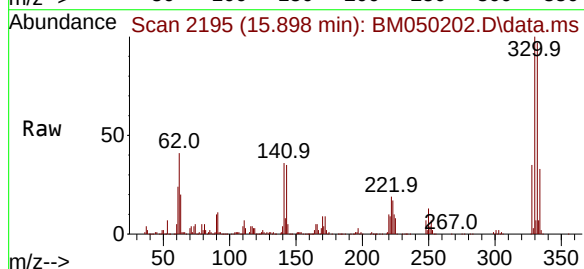
Manual Integrations
APPROVED

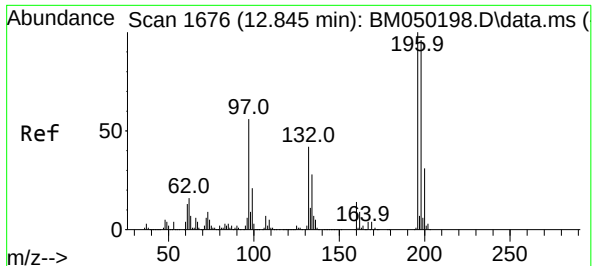
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

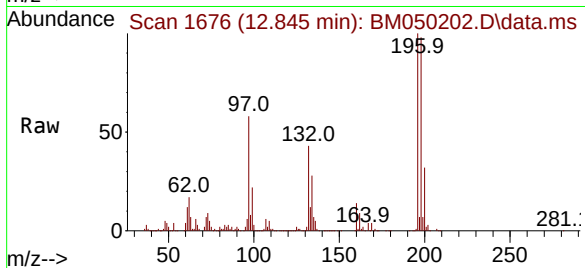
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:196 Resp: 598909

Ion Ratio Lower Upper

196 100

198 98.3 76.6 115.0

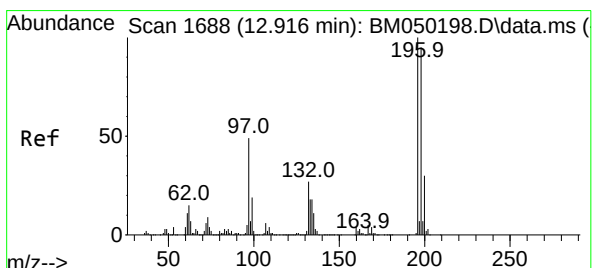
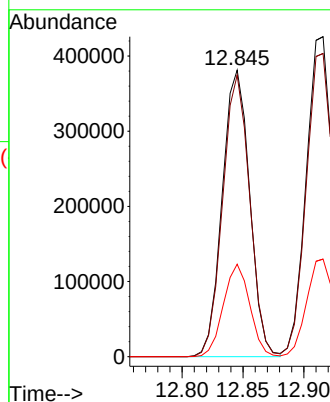
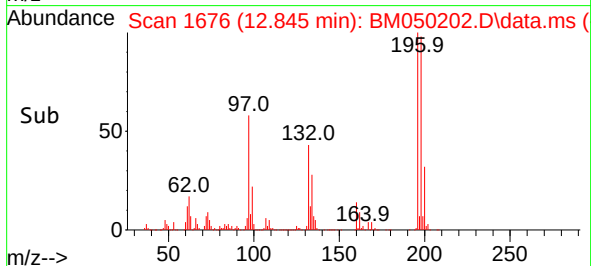
200 32.3 24.5 36.7

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

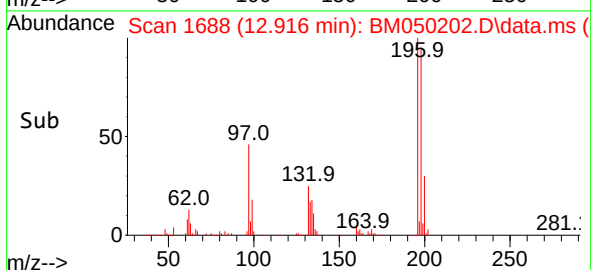
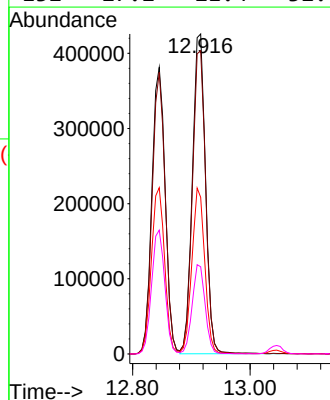
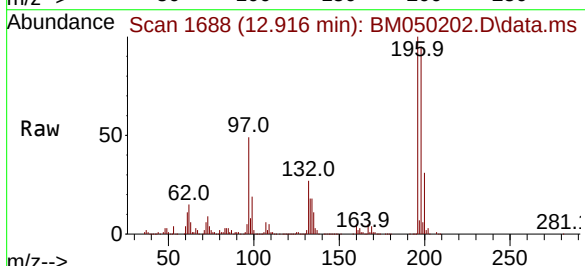
Ion Ratio Lower Upper

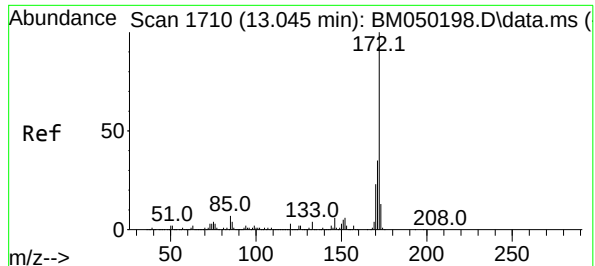
196 100

198 94.7 76.1 114.1

97 49.0 39.3 58.9

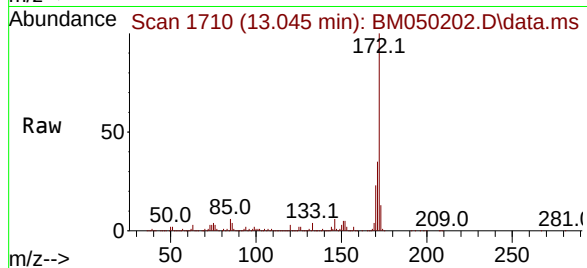
132 27.2 21.4 32.0





#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

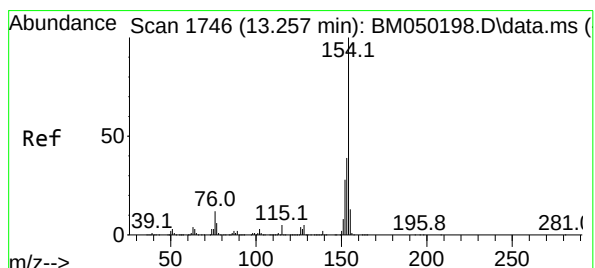
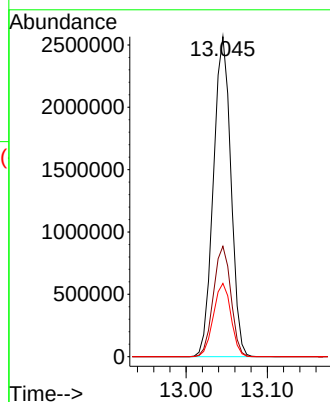
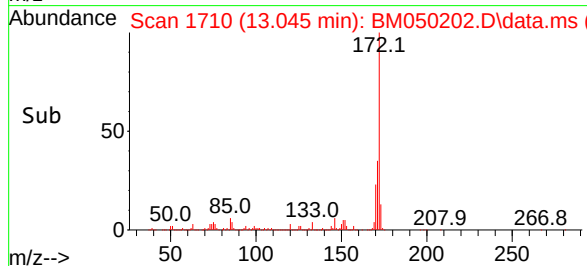
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

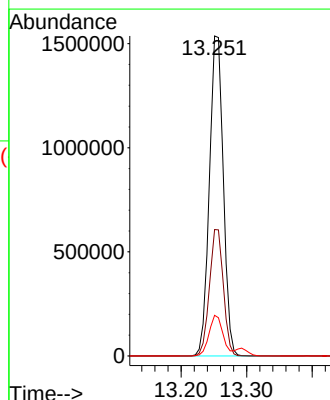
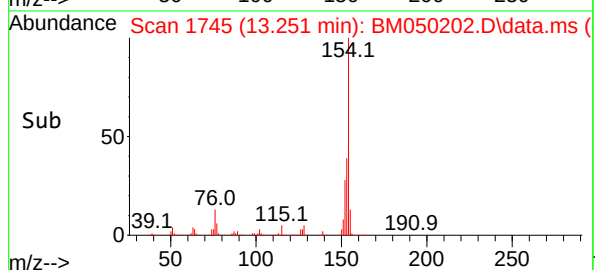
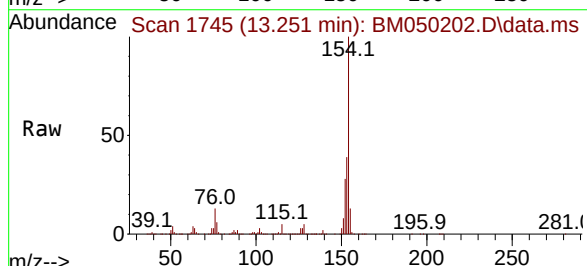
Manual Integrations
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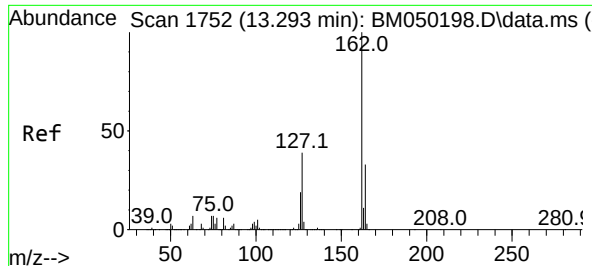
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

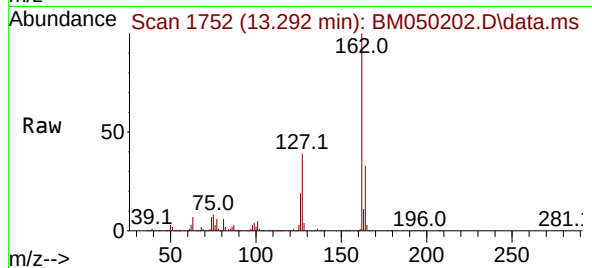
Tgt Ion:154 Resp: 2269641
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 12.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 36.269 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

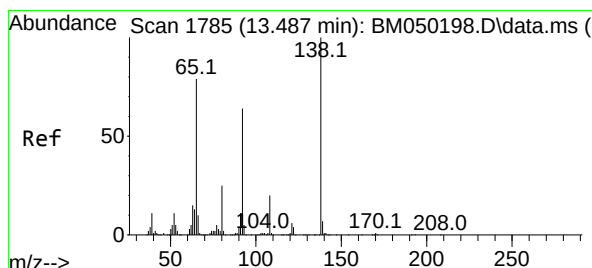
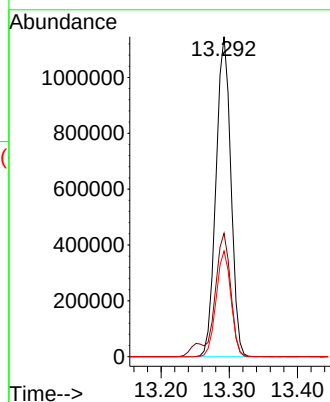
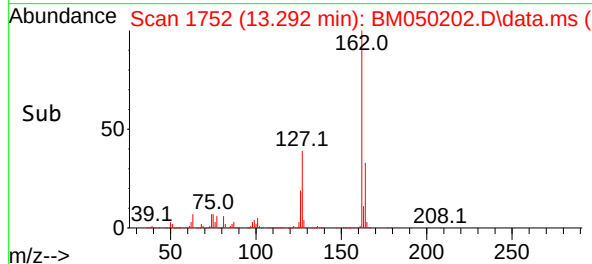
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

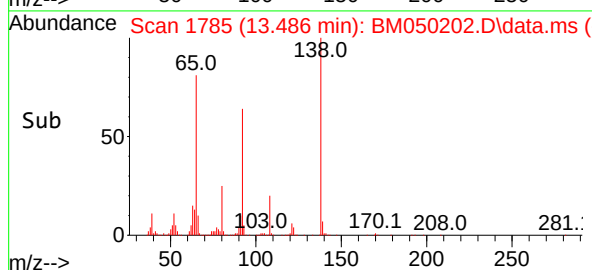
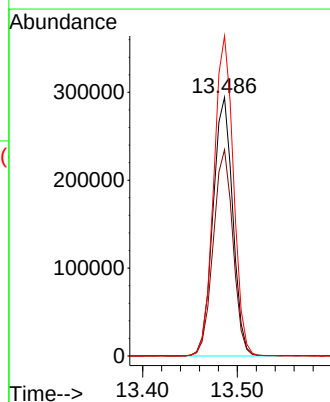
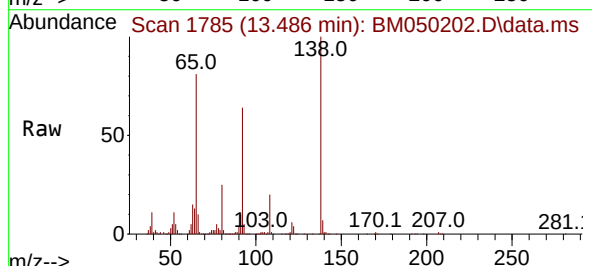
Manual Integrations
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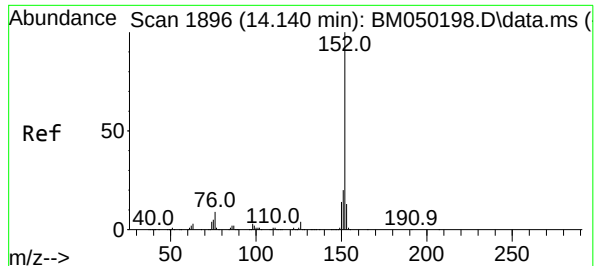
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

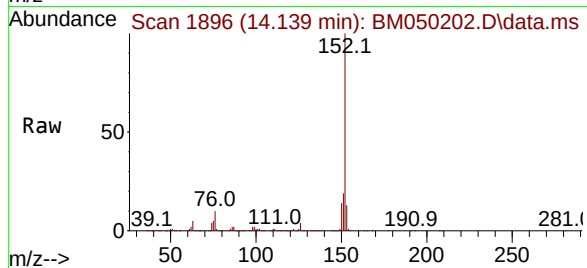
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:152 Resp: 286268

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

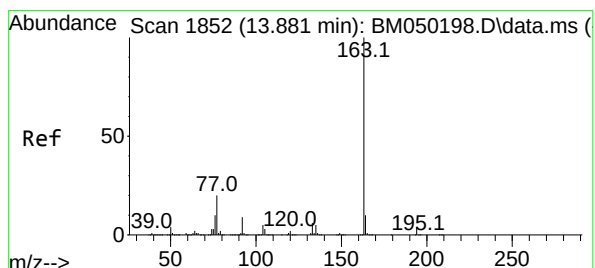
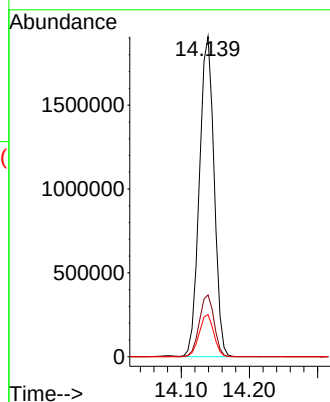
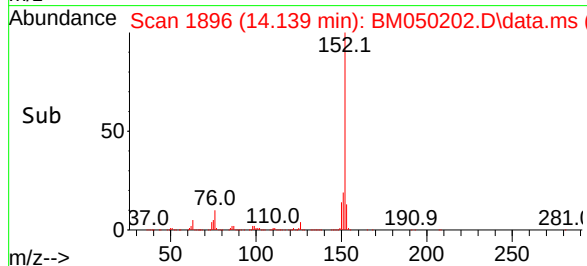
153 13.1 10.4 15.6

Manual Integrations

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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

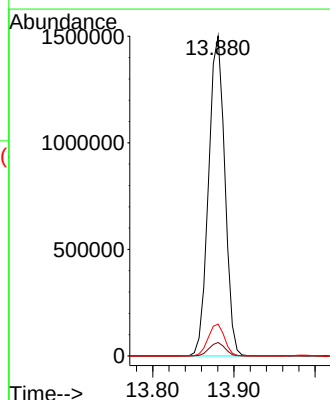
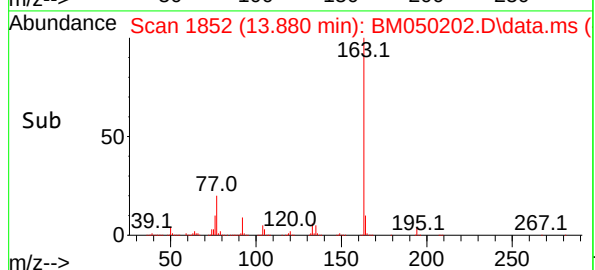
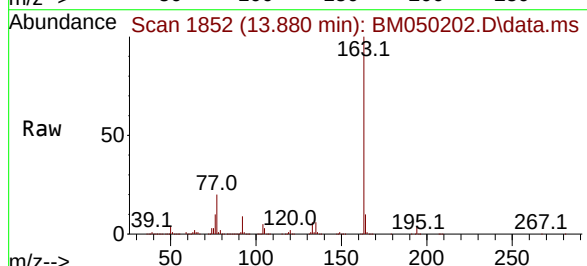
Tgt Ion:163 Resp: 2084186

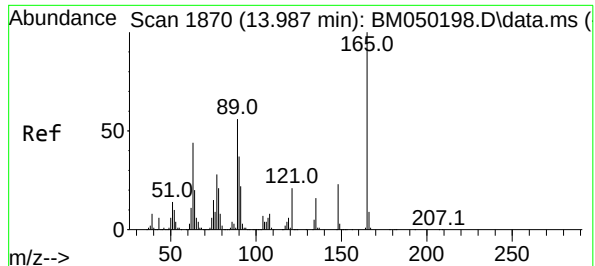
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

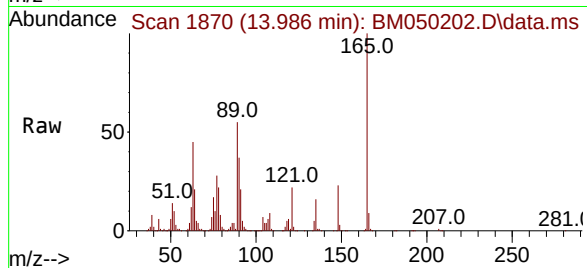
164 9.9 7.9 11.9





#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

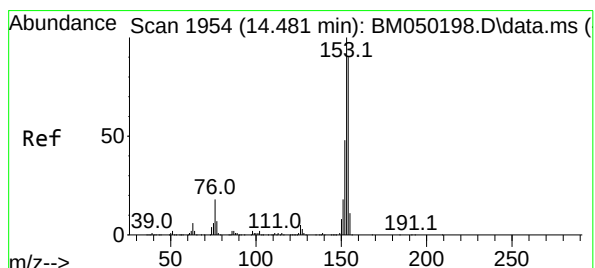
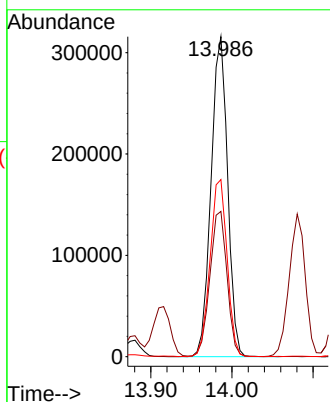
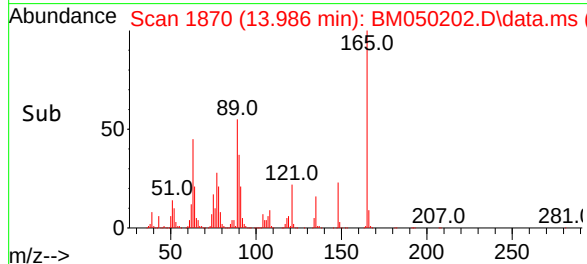
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

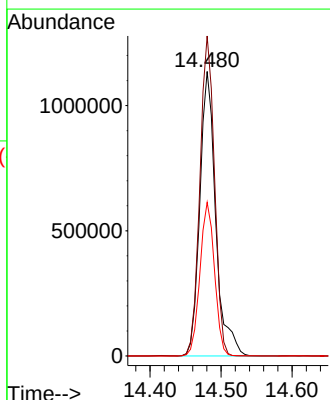
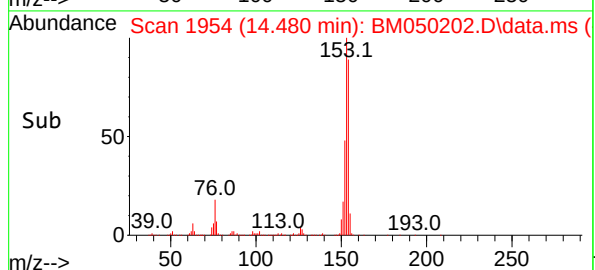
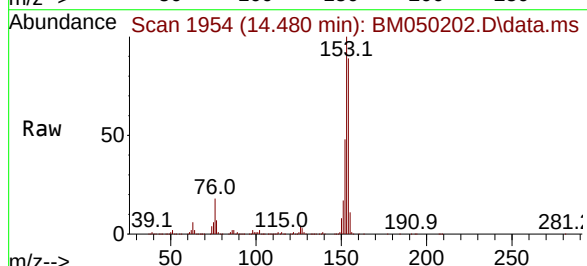
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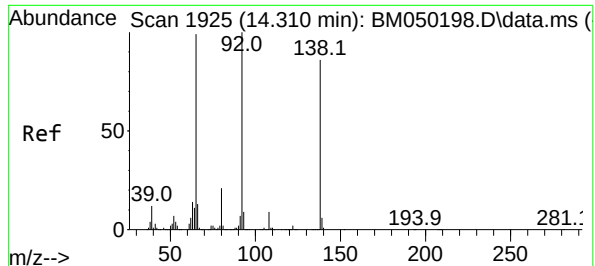
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

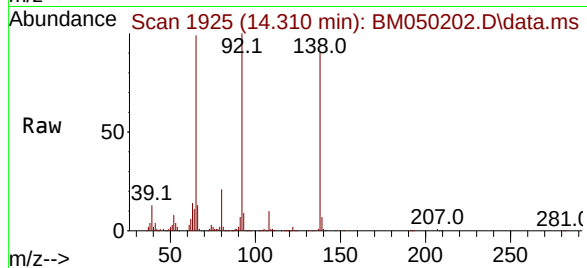
Tgt Ion:154 Resp: 1769507
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 54.0 42.6 63.8





#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

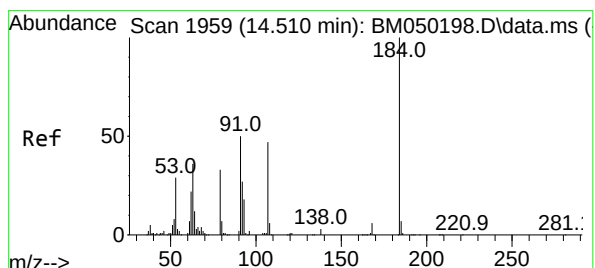
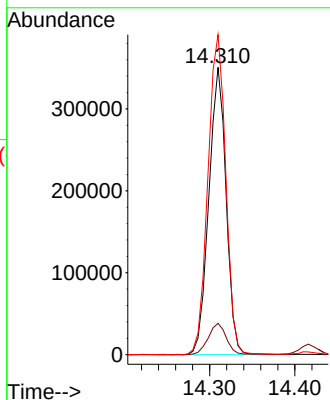
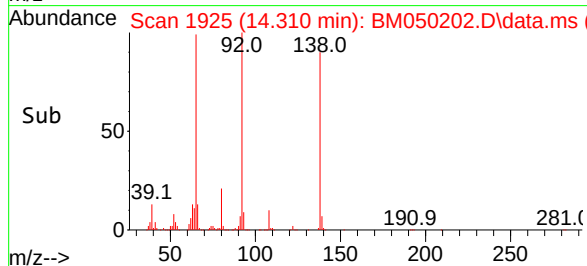
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



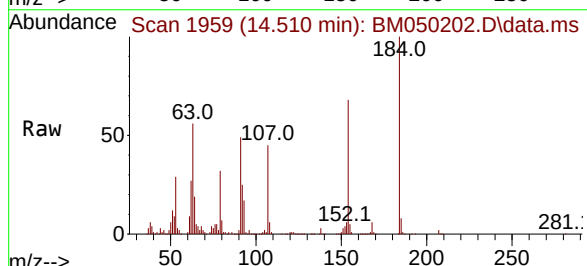
Tgt Ion:138 Resp: 493099
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 111.4 92.9 139.3

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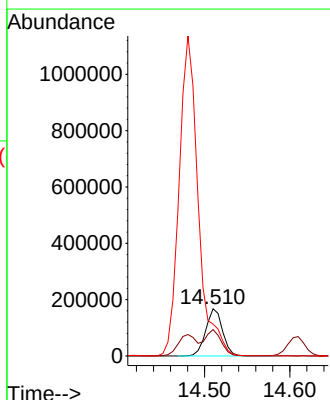
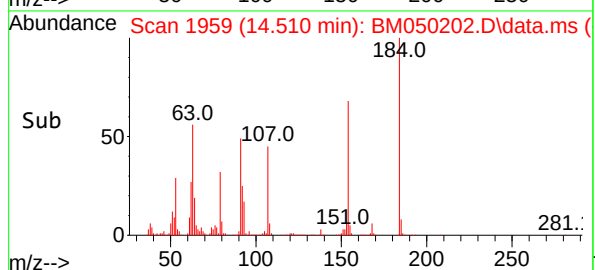
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

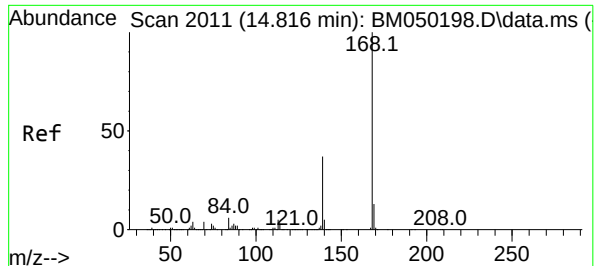


#54
2,4-Dinitrophenol
Concen: 34.596 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



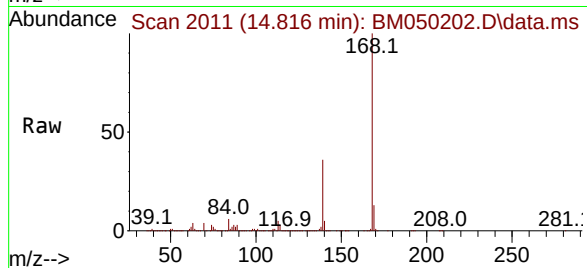
Tgt Ion:184 Resp: 228596
Ion Ratio Lower Upper
184 100
63 56.0 45.3 67.9
154 67.7 54.3 81.5





#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

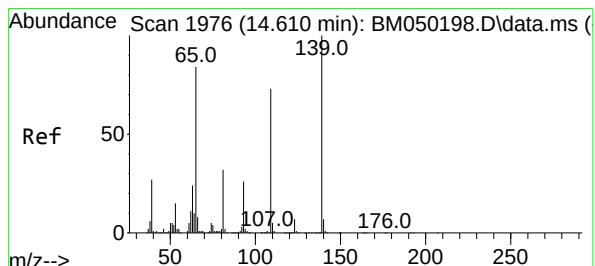
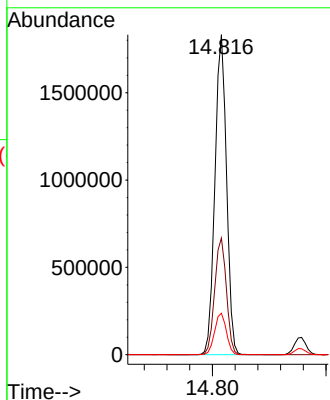
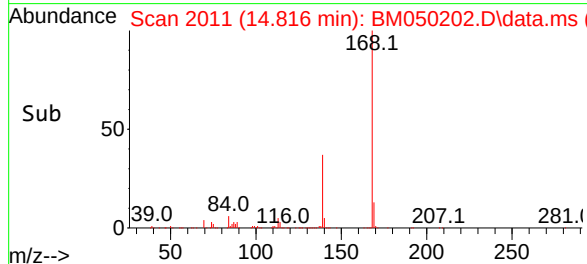
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

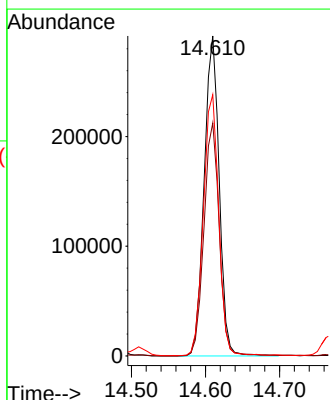
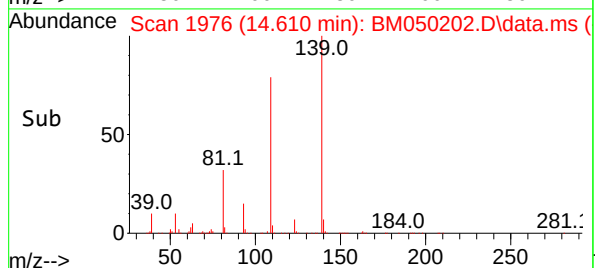
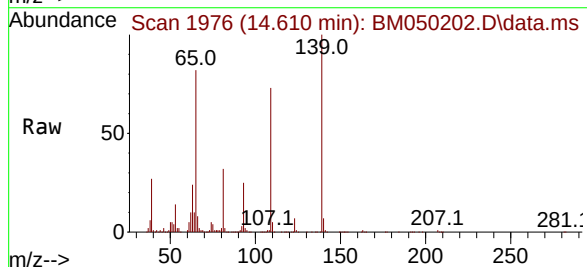
Manual Integrations
APPROVED

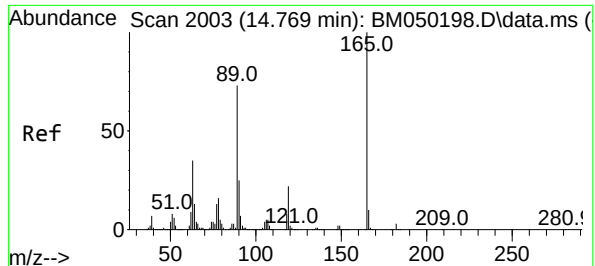
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

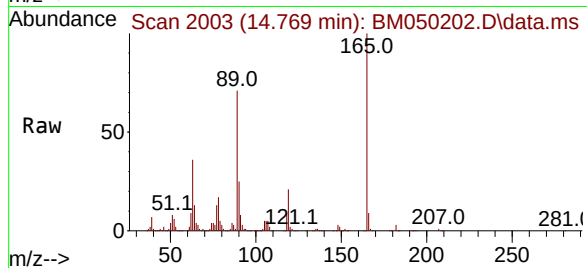
Tgt Ion:139 Resp: 411593
Ion Ratio Lower Upper
139 100
109 72.8 52.6 92.6
65 81.6 64.3 104.3





#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

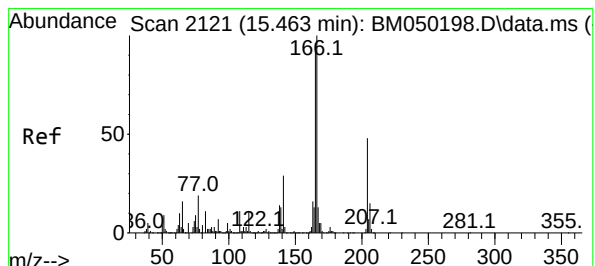
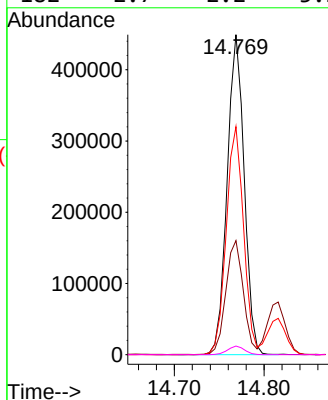
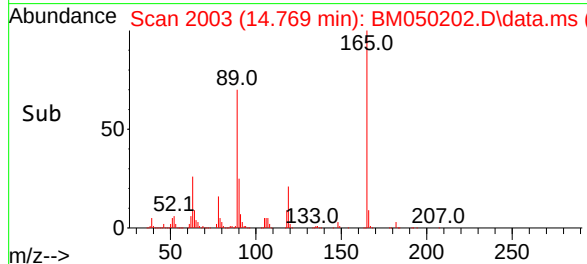
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

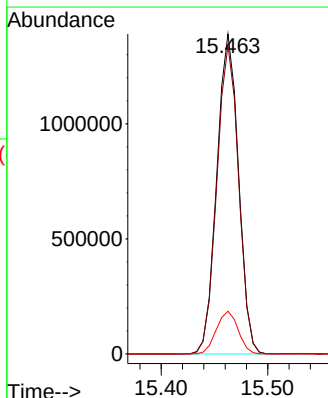
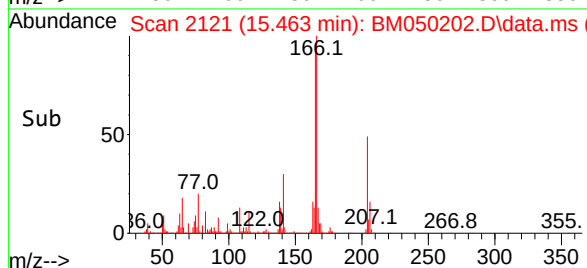
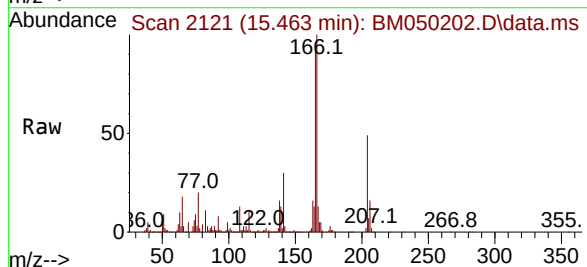
Manual Integrations
APPROVED

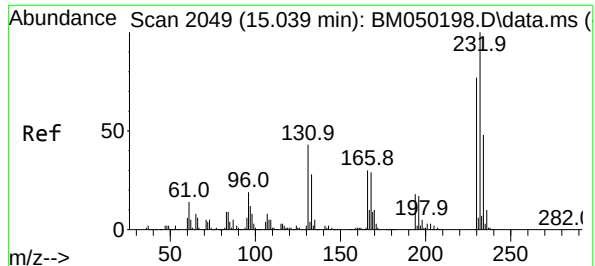
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

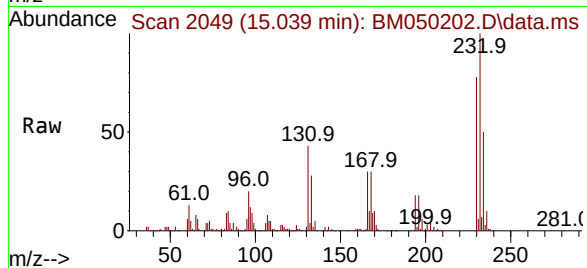
Tgt Ion:166 Resp: 1965747
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.4
167 13.3 10.7 16.1





#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

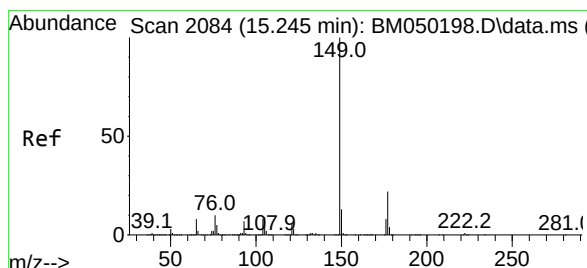
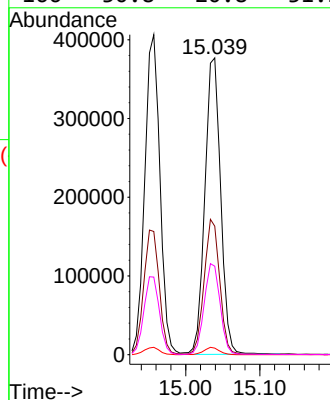
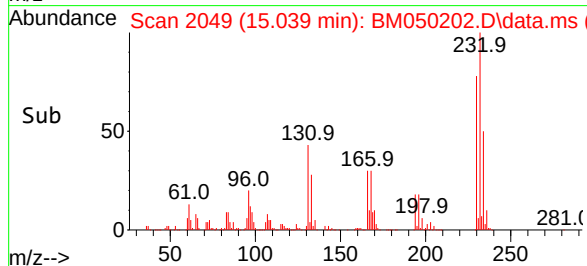
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



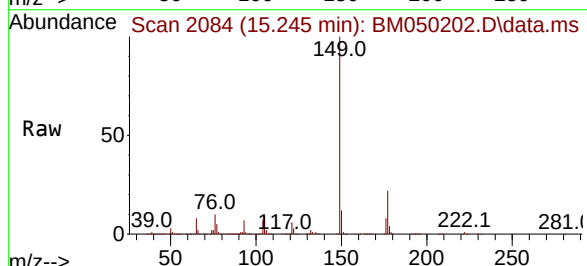
Tgt Ion:232 Resp: 557824
Ion Ratio Lower Upper
232 100
131 44.8 32.9 49.3
130 2.4 1.8 2.8
166 30.8 20.8 31.2

Manual Integrations
APPROVED

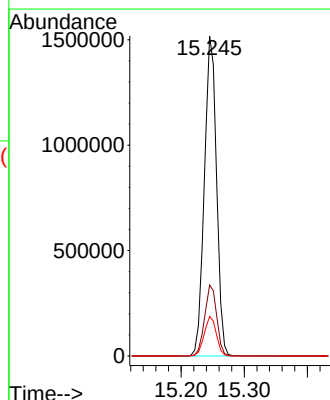
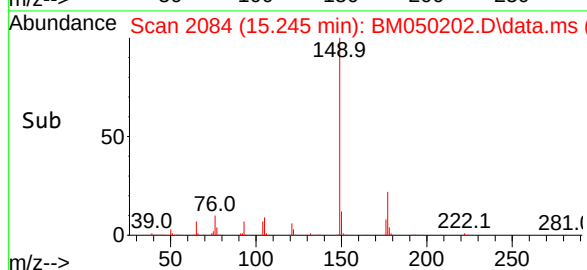
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

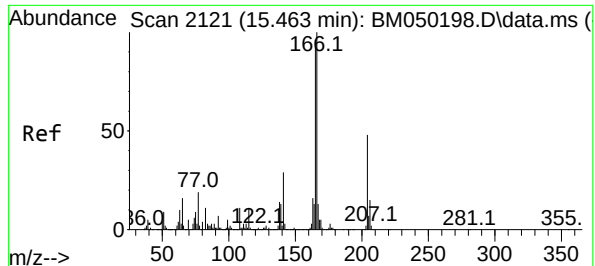


#60
Diethylphthalate
Concen: 36.717 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36



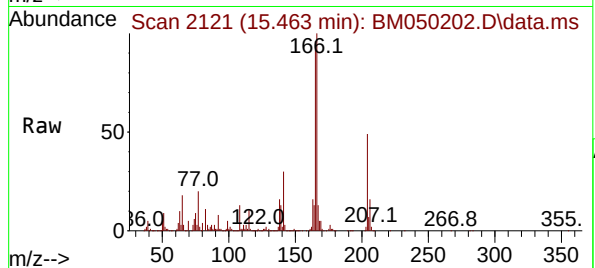
Tgt Ion:149 Resp: 2031289
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.4 10.0 15.0





#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

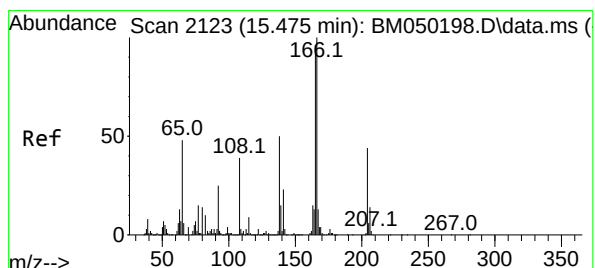
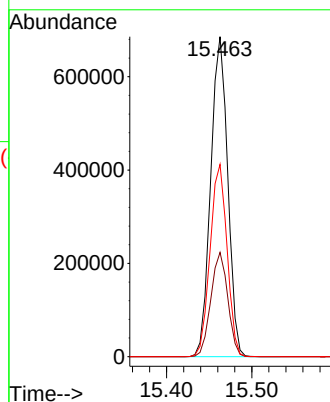
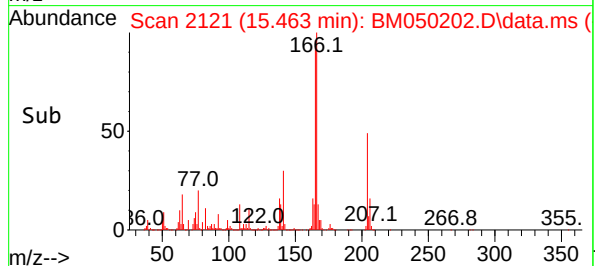
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

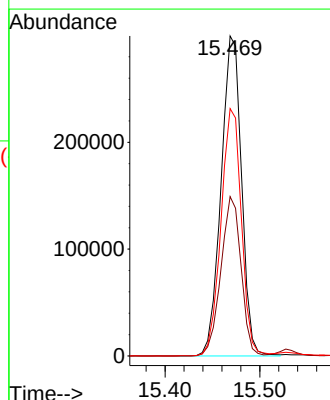
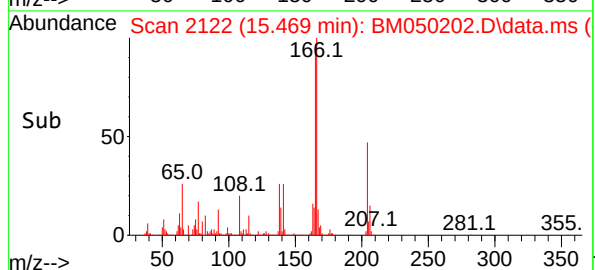
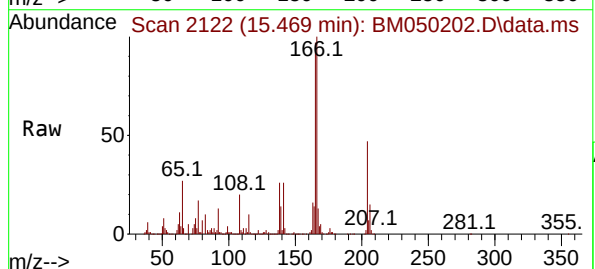
Manual Integrations
APPROVED

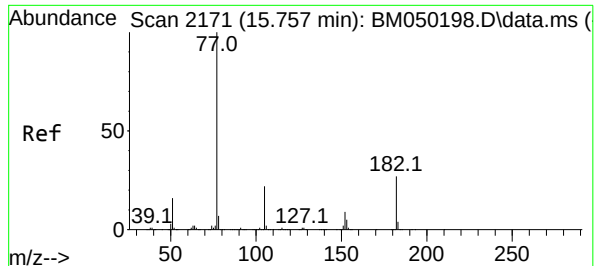
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

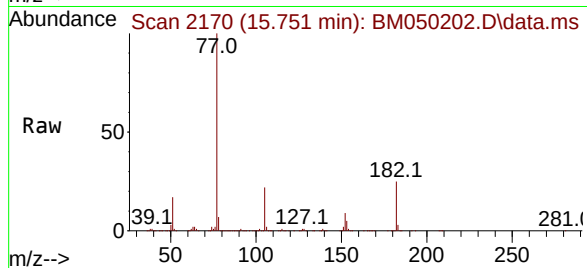
Tgt Ion:138 Resp: 449658
Ion Ratio Lower Upper
138 100
92 49.8 28.8 68.8
108 77.3 58.1 98.1





#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

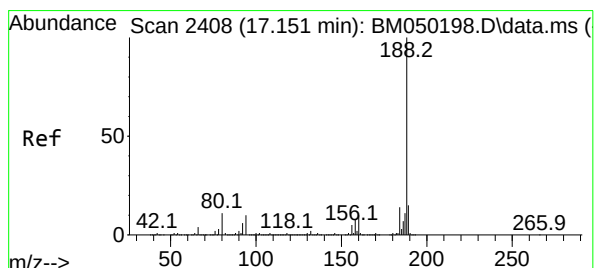
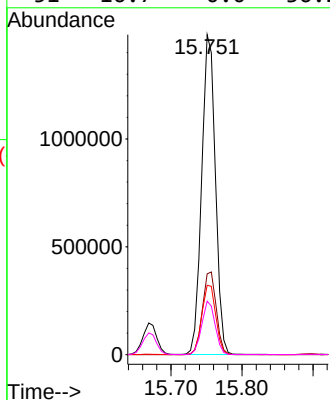
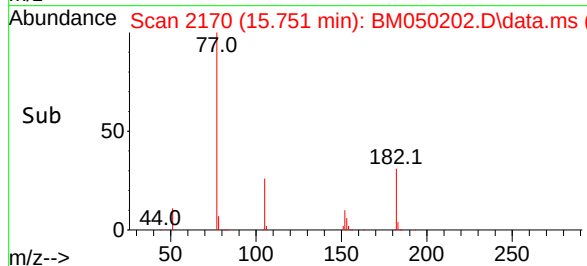
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

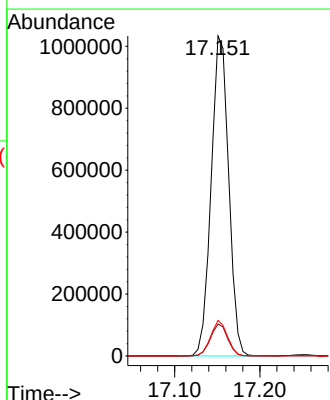
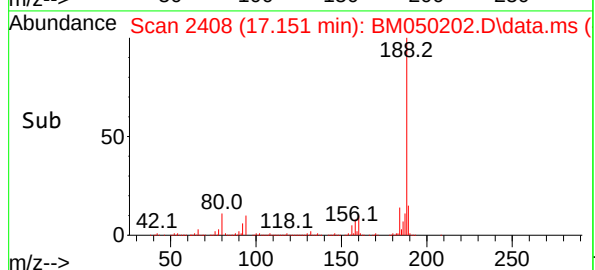
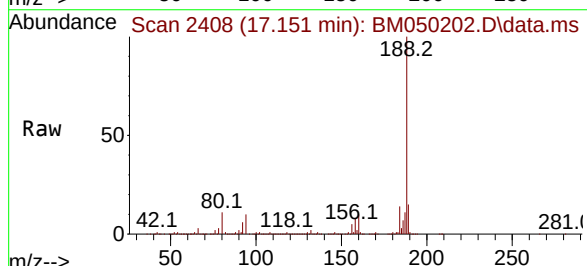
Manual Integrations
APPROVED

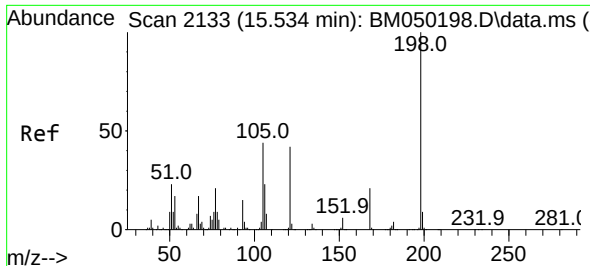
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





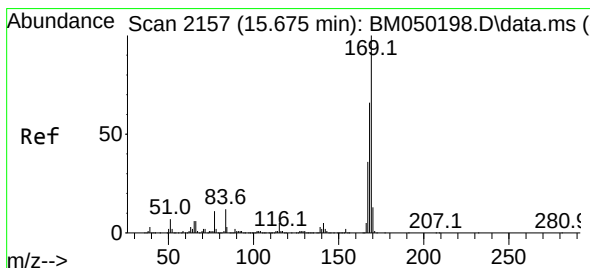
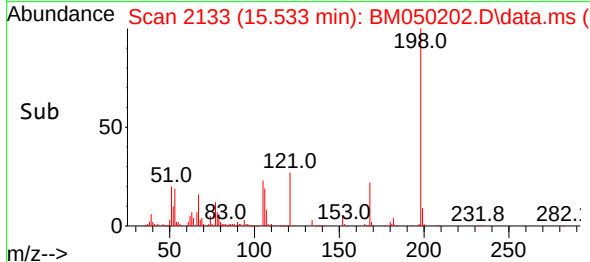
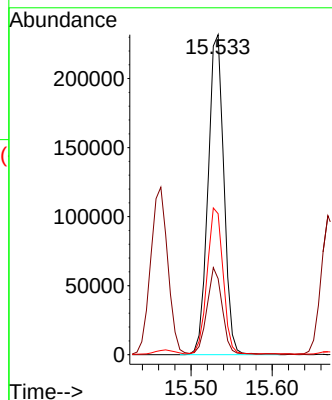
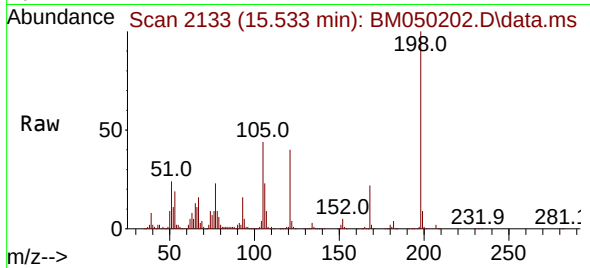
#65
4,6-Dinitro-2-methylphenol
Concen: 38.808 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

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

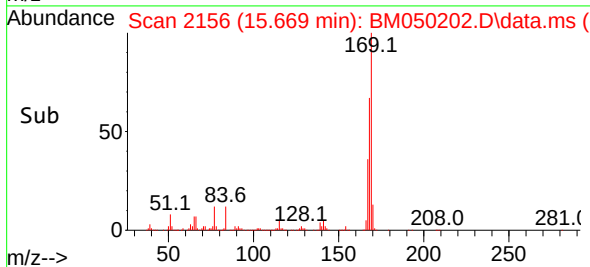
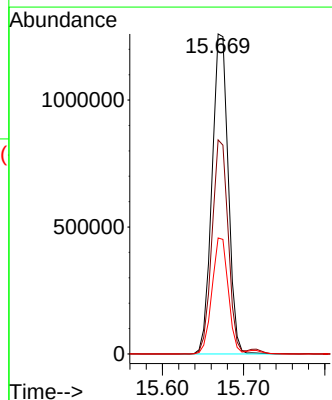
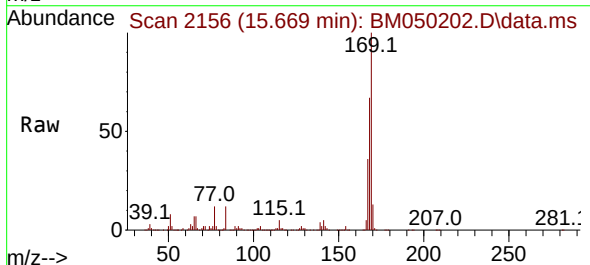
Manual Integrations
APPROVED

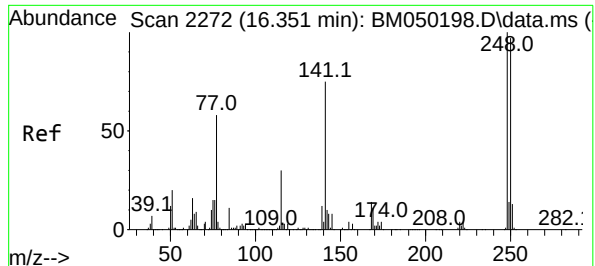
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

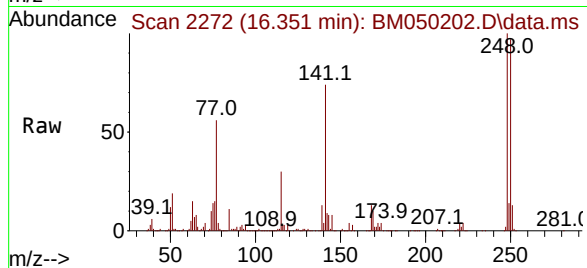
Tgt Ion:169 Resp: 1747981
Ion Ratio Lower Upper
169 100
168 66.9 53.1 79.7
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.453 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050202.D
Acq: 05 Jun 2025 14:36

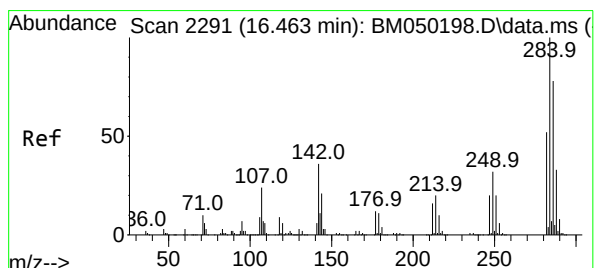
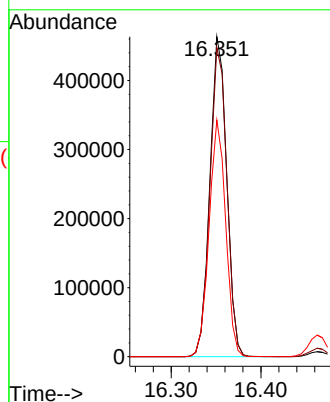
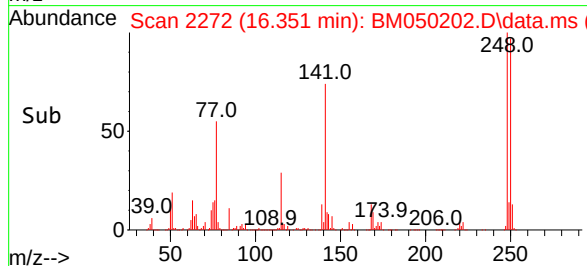
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

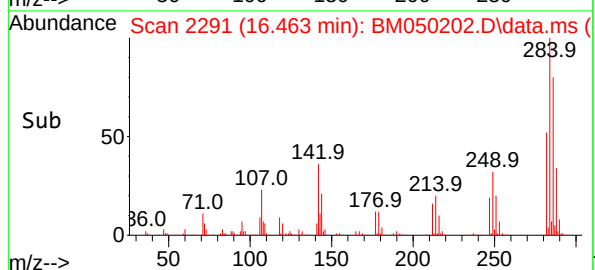
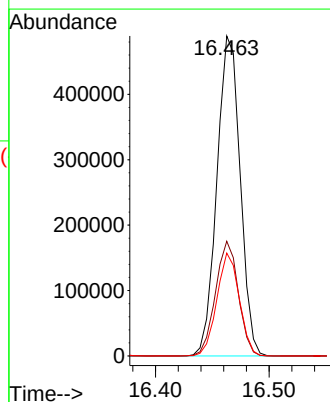
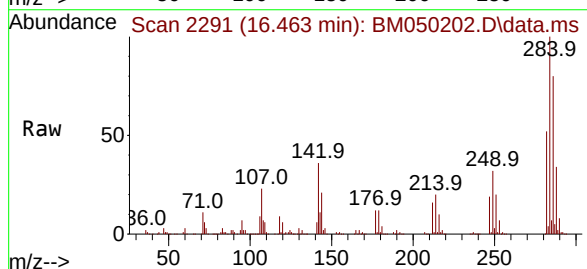
Manual Integrations
APPROVED

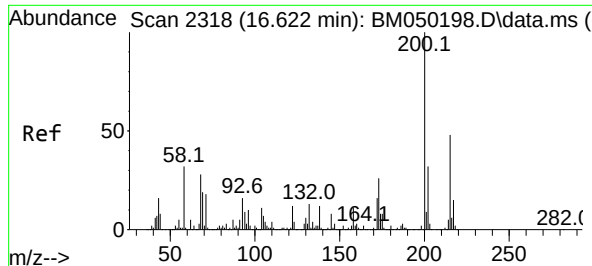
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

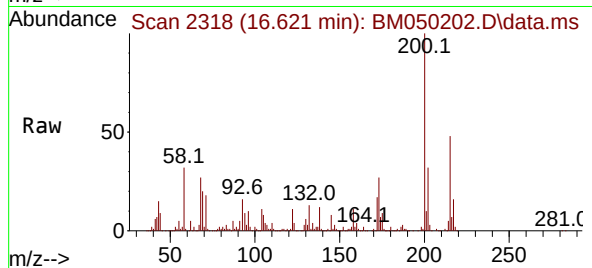
Tgt Ion:284 Resp: 696502
Ion Ratio Lower Upper
284 100
142 35.8 28.8 43.2
249 32.1 25.8 38.6





#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

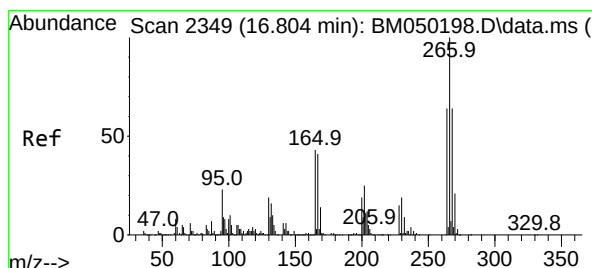
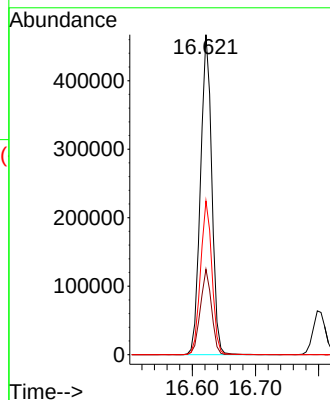
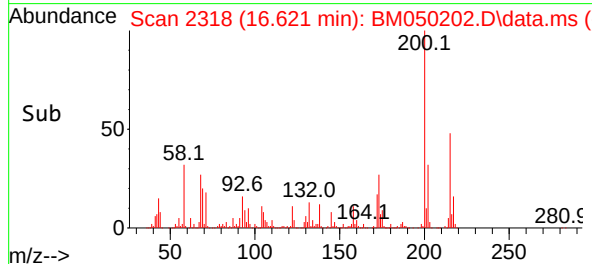
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

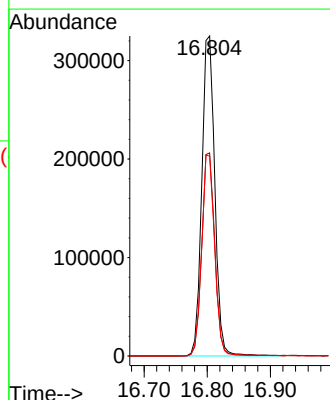
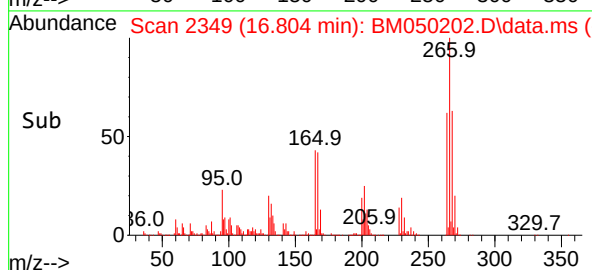
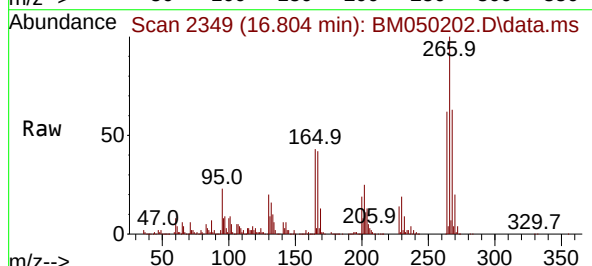
Manual Integrations
APPROVED

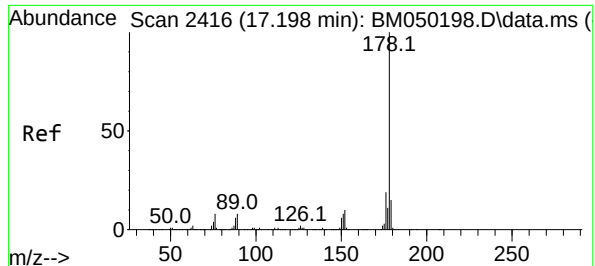
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

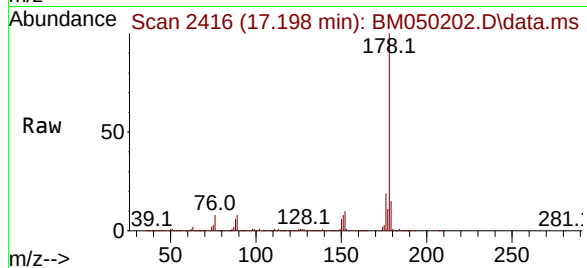
Tgt Ion:266 Resp: 464946
Ion Ratio Lower Upper
266 100
268 63.5 51.0 76.6
264 62.5 50.8 76.2





#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

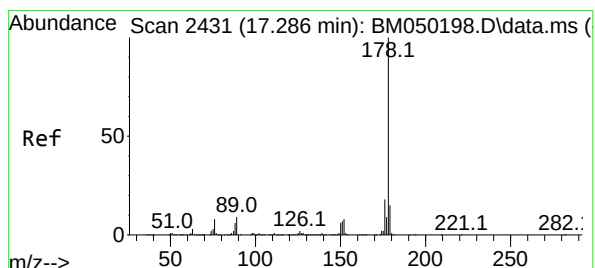
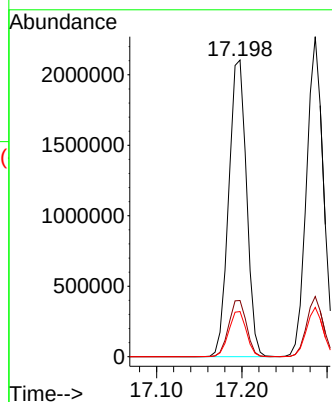
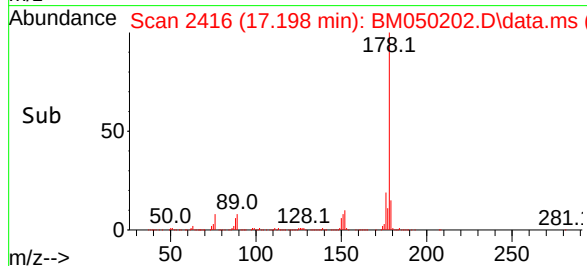
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

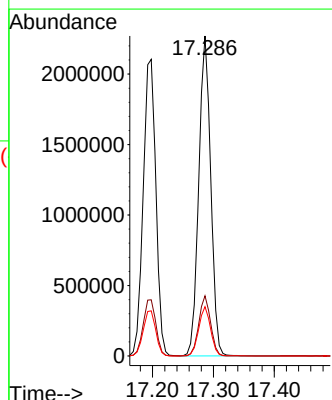
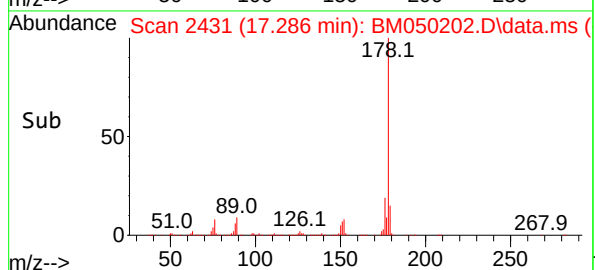
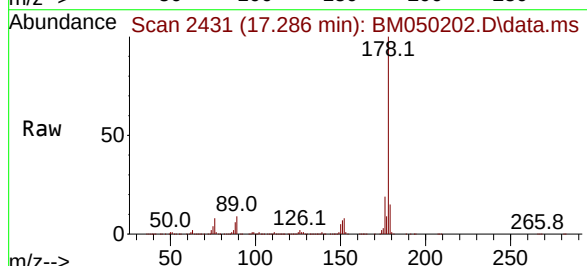
Manual Integrations
APPROVED

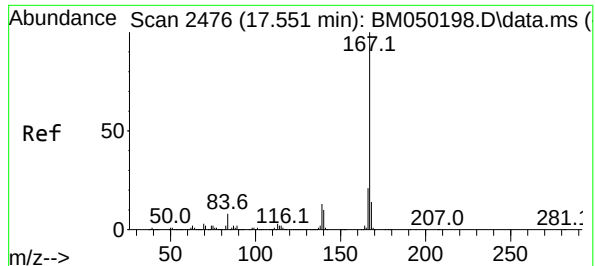
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

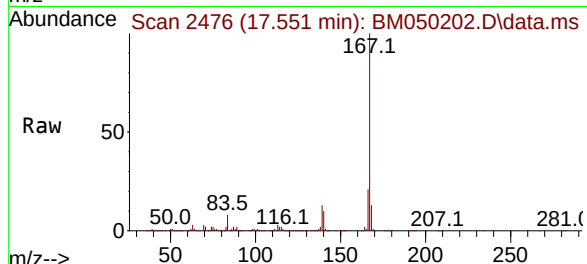
Tgt Ion:178 Resp: 3101683
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.3 18.5





#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

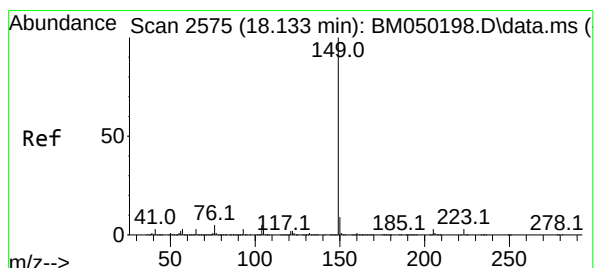
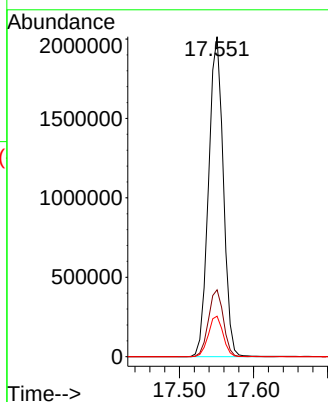
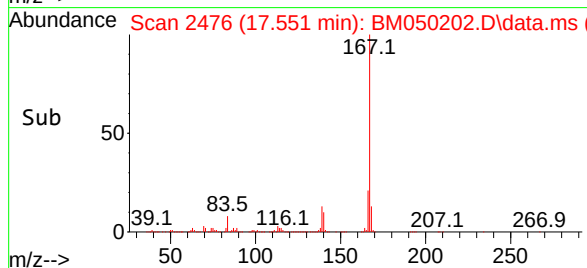
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

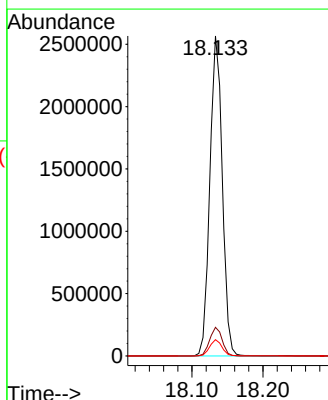
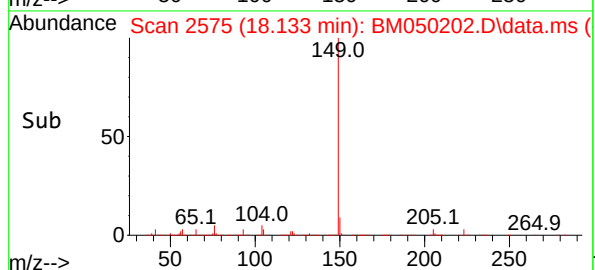
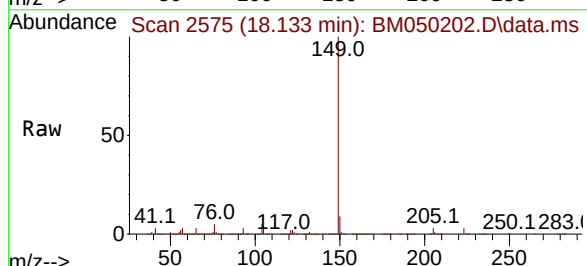
Manual Integrations
APPROVED

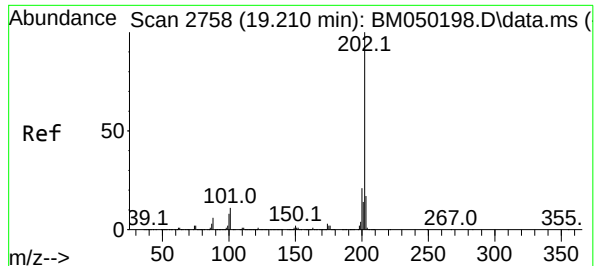
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

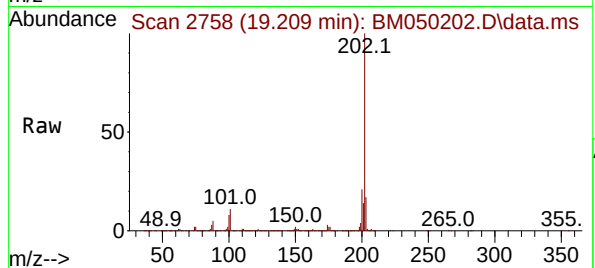
Tgt Ion:149 Resp: 3122305
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.0 6.0





#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

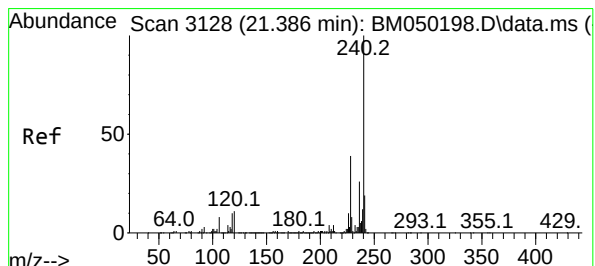
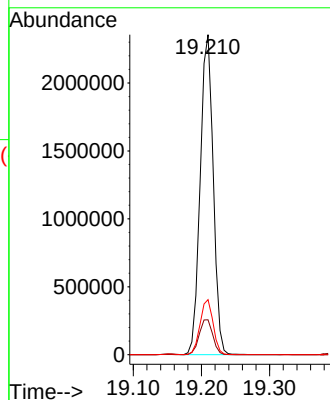
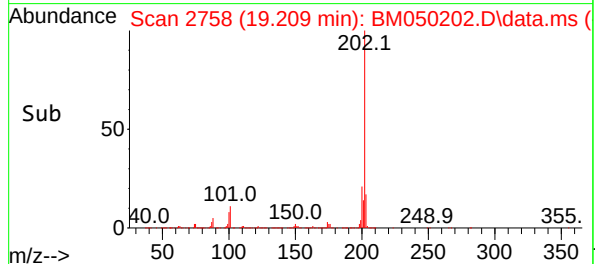
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

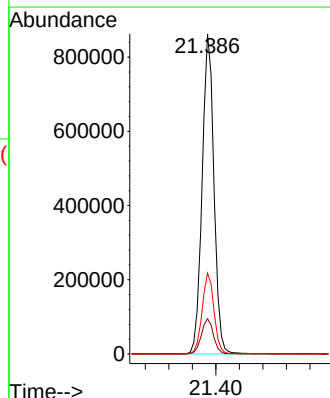
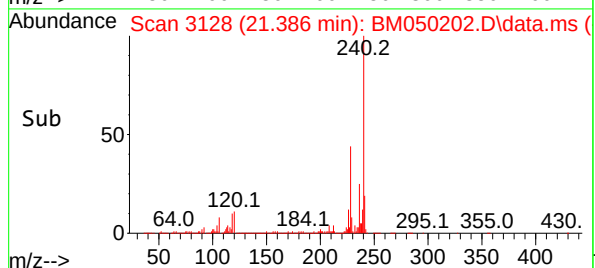
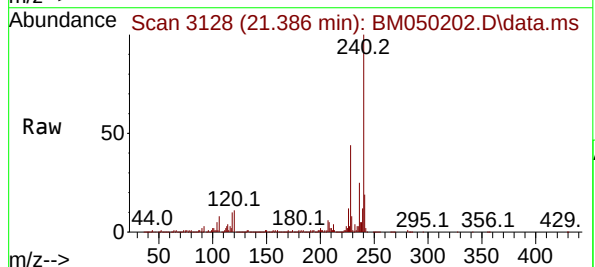
Manual Integrations
APPROVED

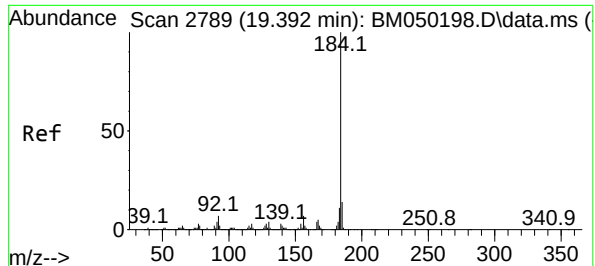
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

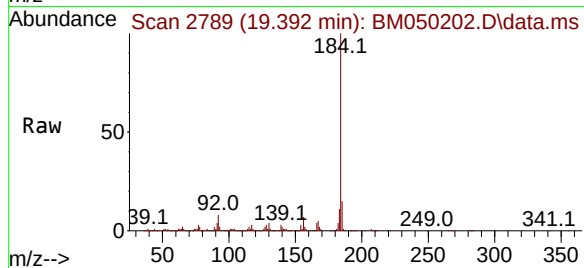
Tgt Ion:240 Resp: 1199833
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.2 20.7 31.1





#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

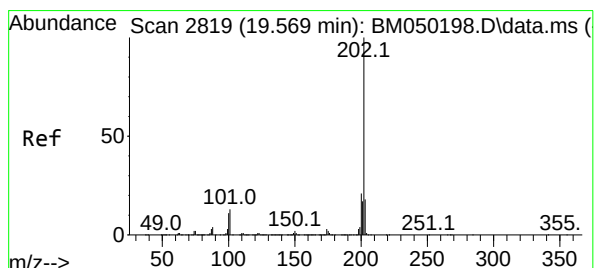
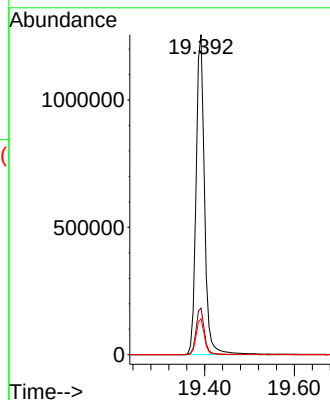
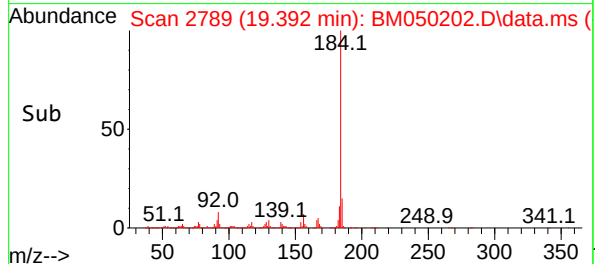
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

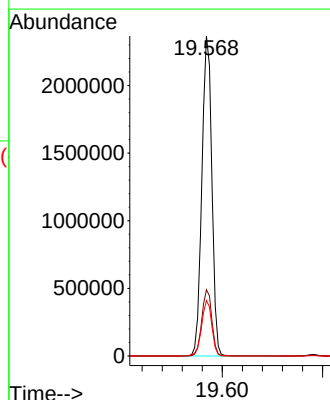
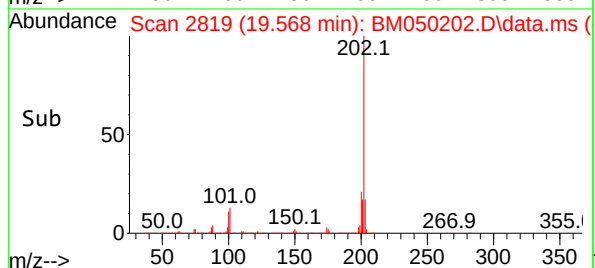
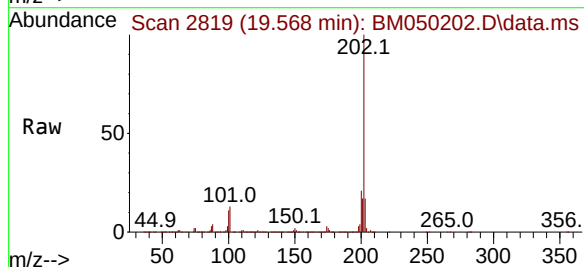
Manual Integrations
APPROVED

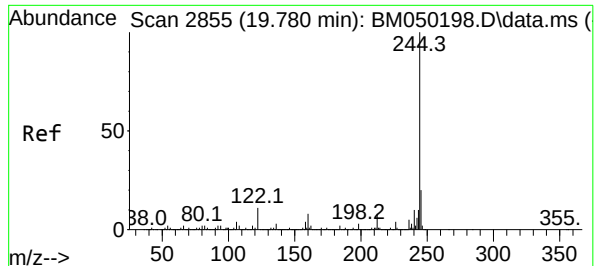
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

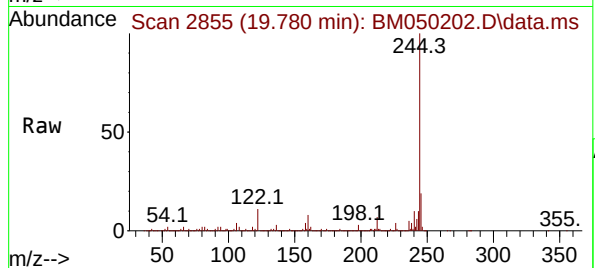
Tgt Ion:202 Resp: 3262895
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.3 14.1 21.1





#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

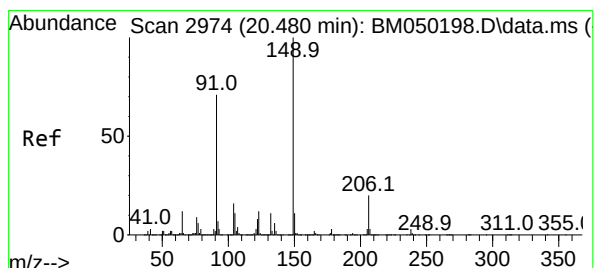
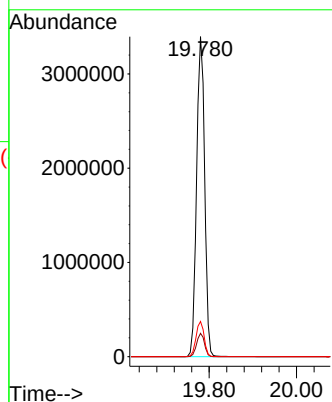
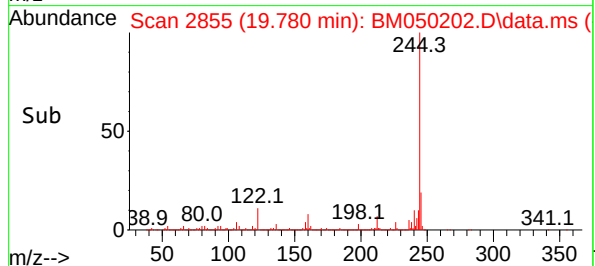
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

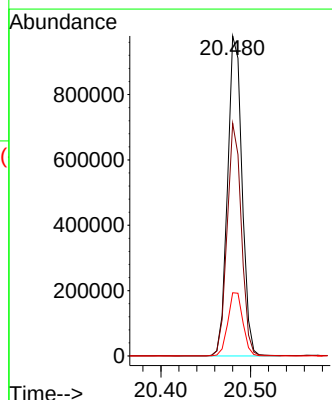
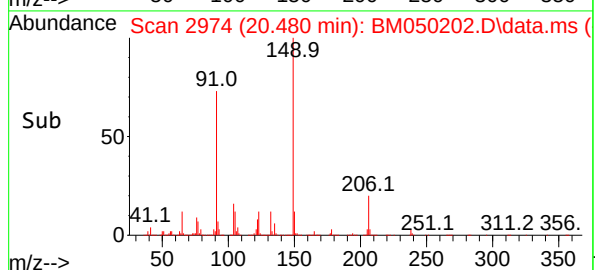
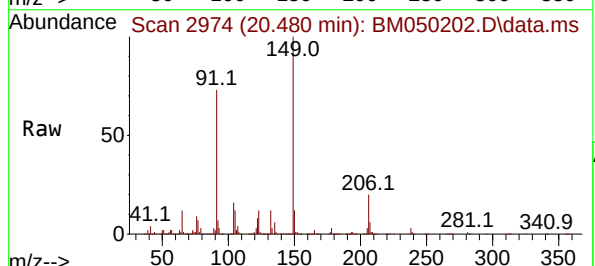
Manual Integrations
APPROVED

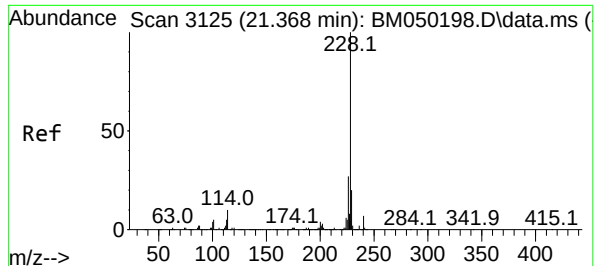
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

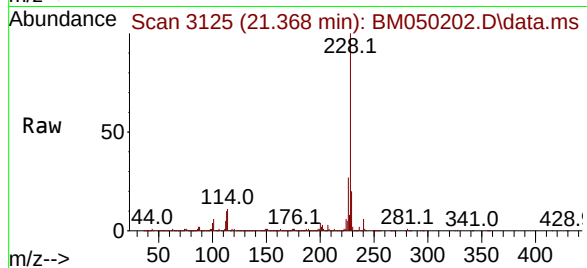
Tgt Ion:149 Resp: 1095153
Ion Ratio Lower Upper
149 100
91 72.7 56.9 85.3
206 19.8 16.1 24.1





#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

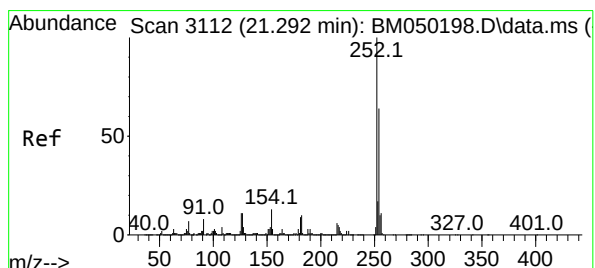
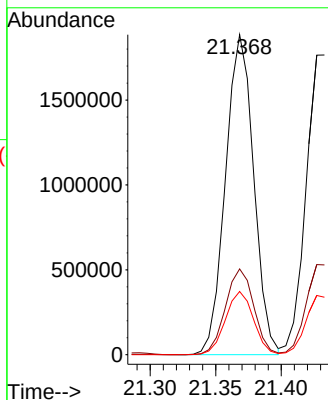
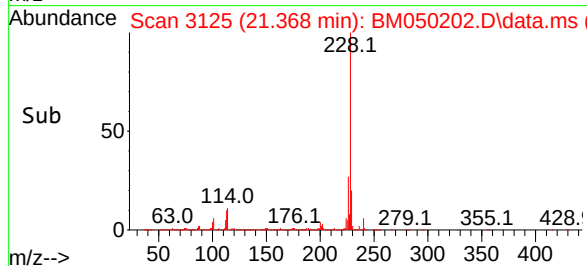
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

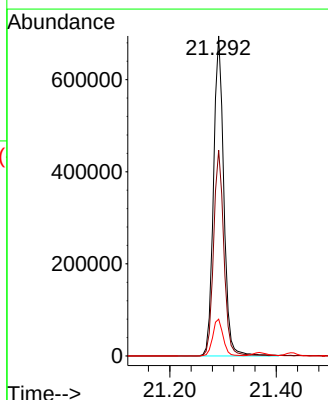
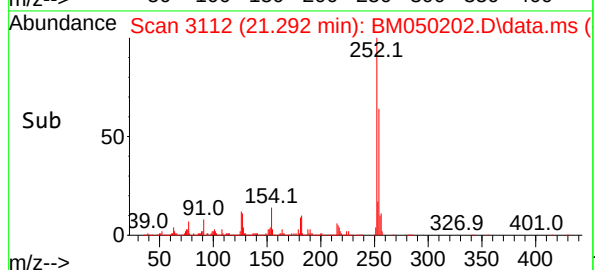
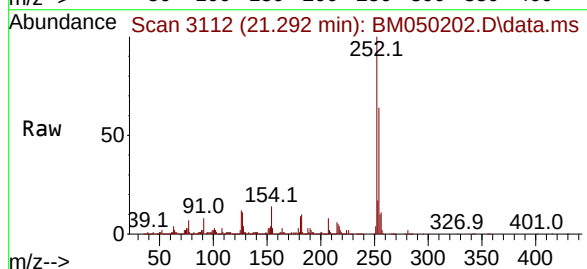
Manual Integrations
APPROVED

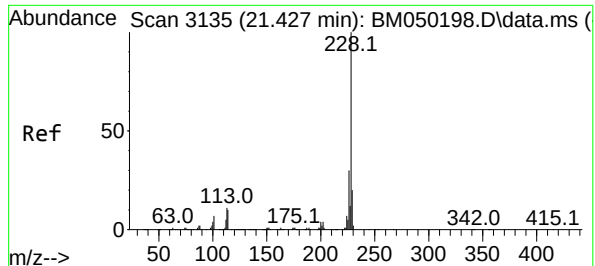
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

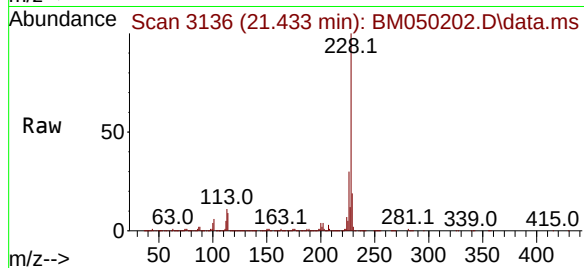
Acq: 05 Jun 2025 14:36

Instrument :

BNA_M

ClientSampleId :

ICVBM060525



Tgt Ion:228 Resp: 2642484

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

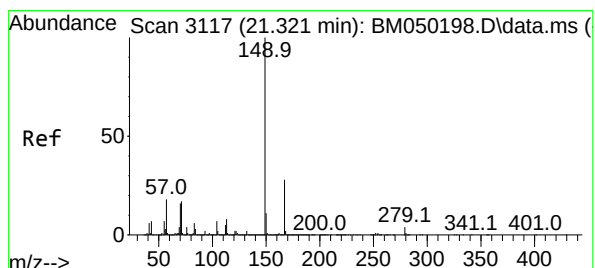
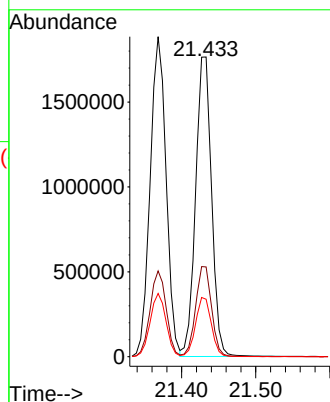
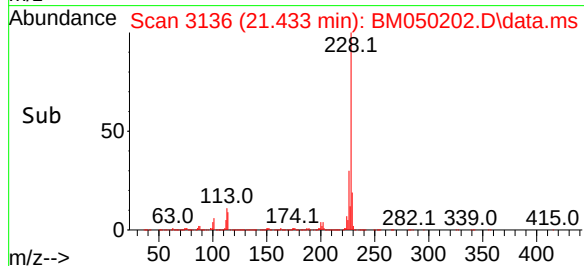
229 19.2 15.8 23.8

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

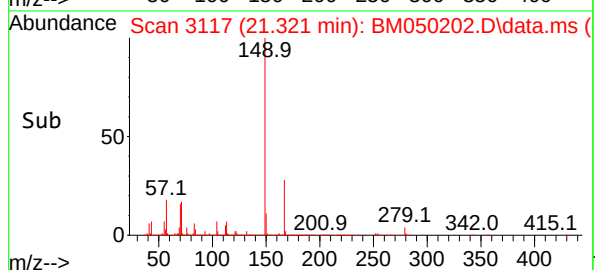
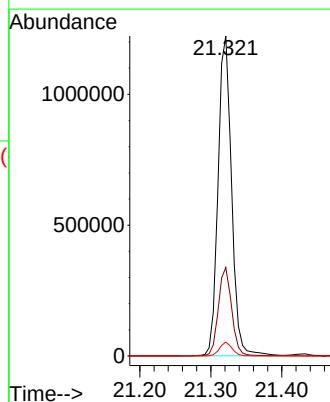
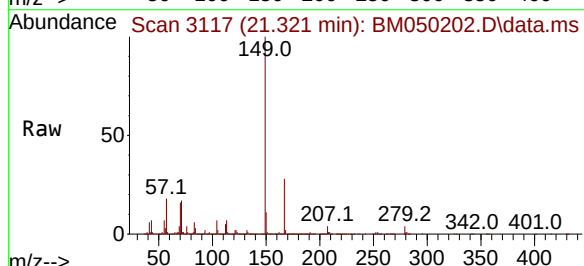
Tgt Ion:149 Resp: 1606973

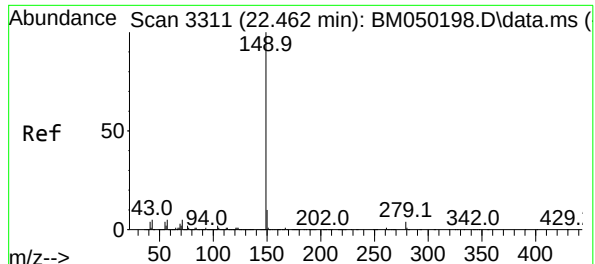
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

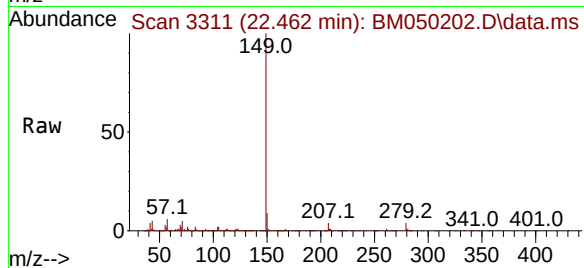
279 4.4 3.5 5.3





#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

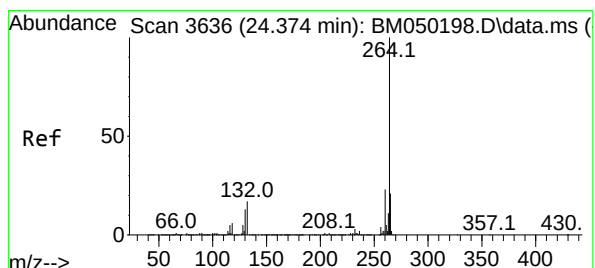
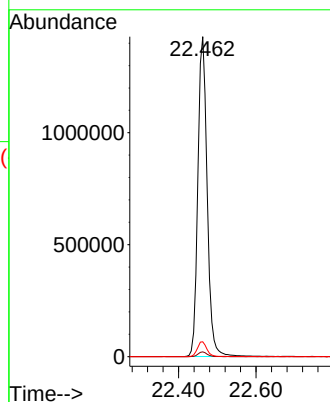
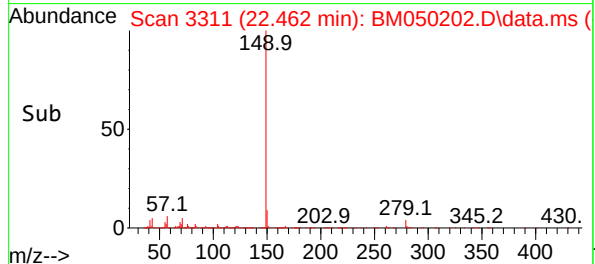
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

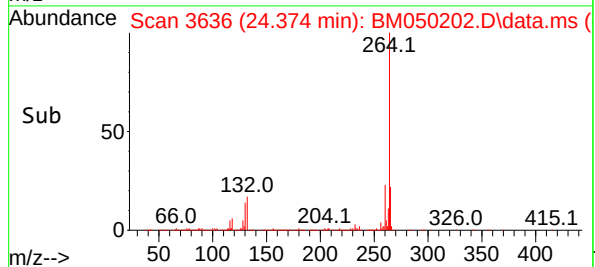
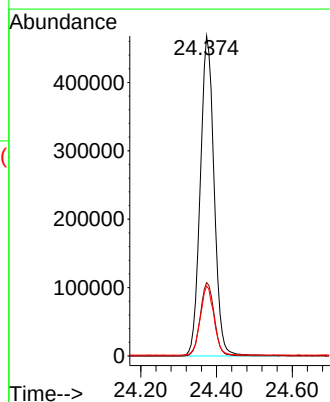
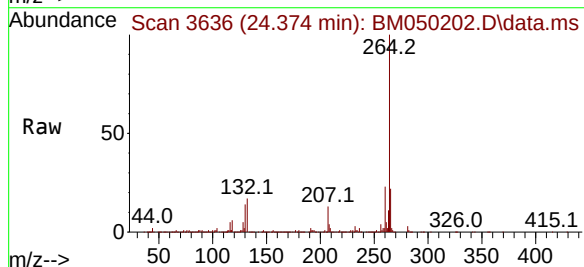
Manual Integrations
APPROVED

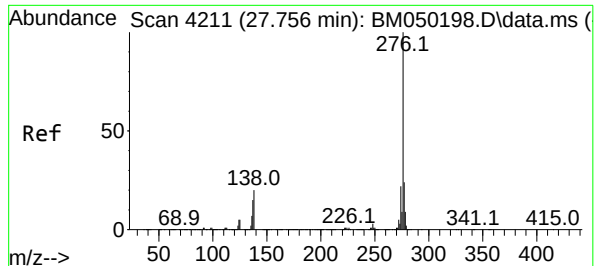
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

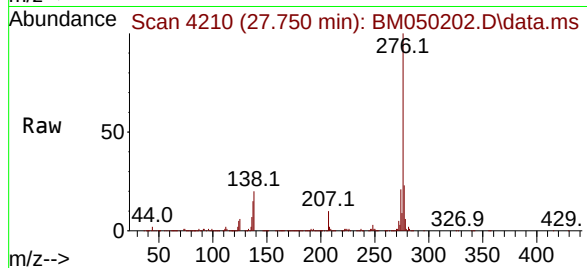
Tgt Ion:264 Resp: 1188981
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.8 16.8 25.2





#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

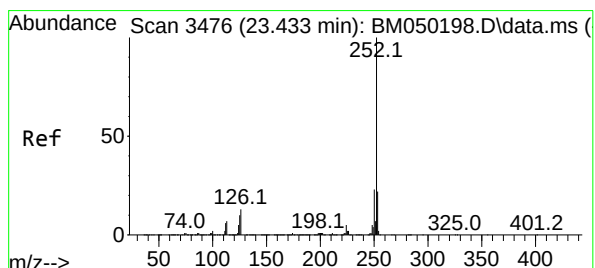
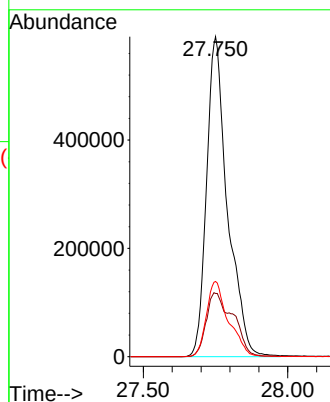
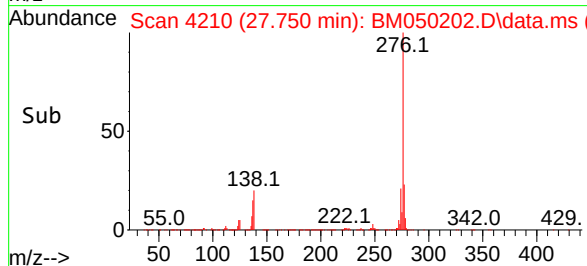
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

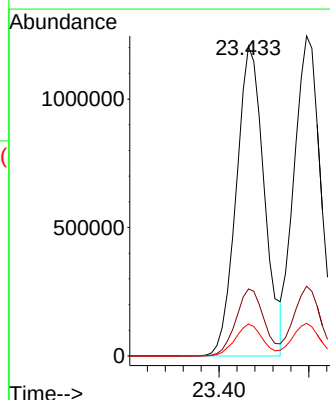
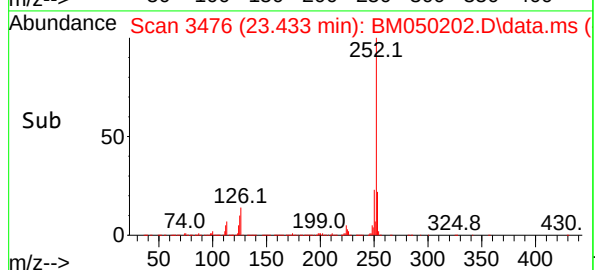
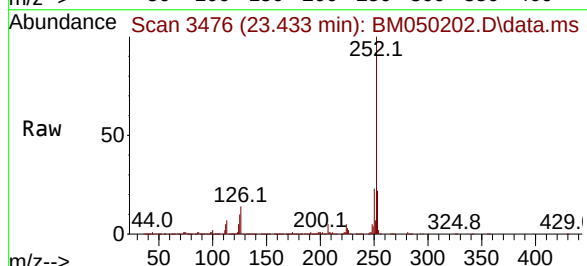
Manual Integrations
APPROVED

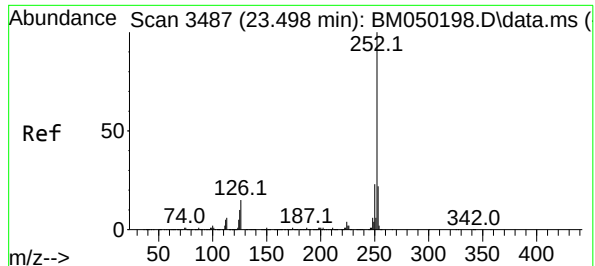
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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# 34

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

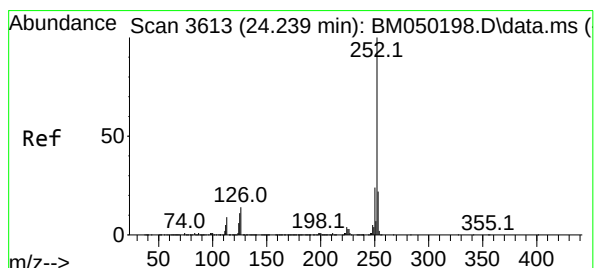
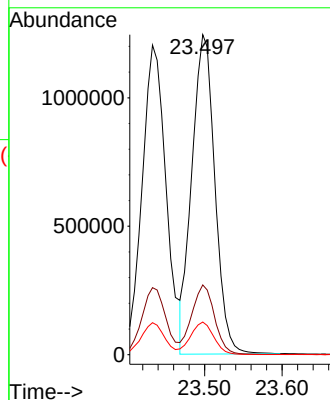
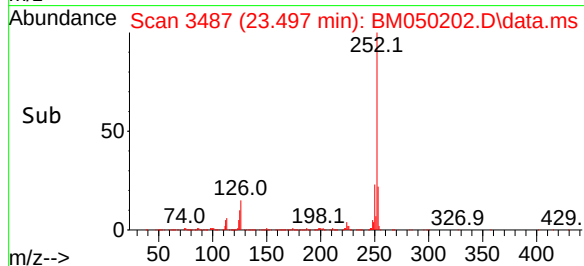
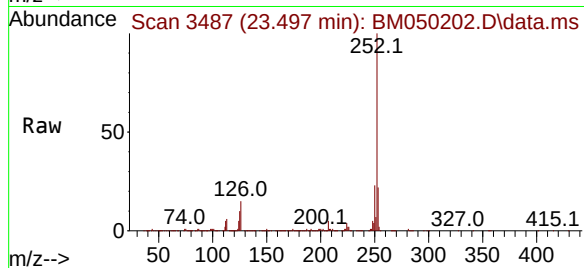
125 10.2 8.2 12.4

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

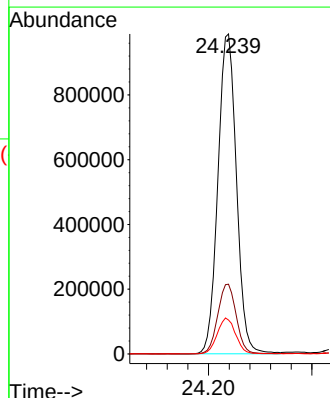
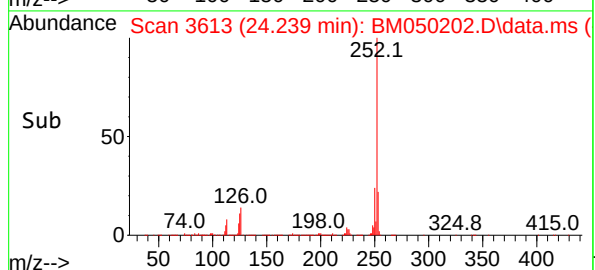
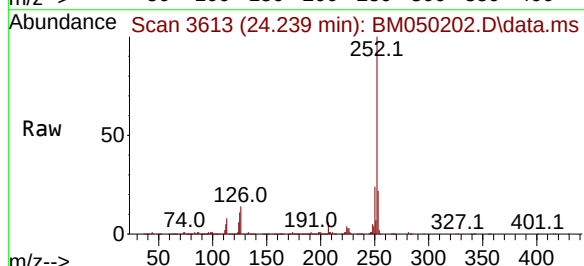
Tgt Ion:252 Resp: 2459411

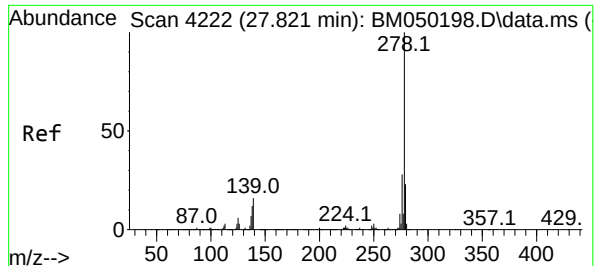
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

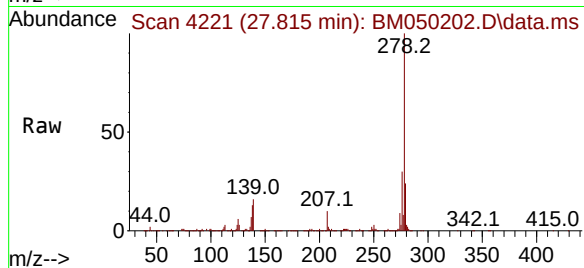
125 10.6 9.0 13.4





#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

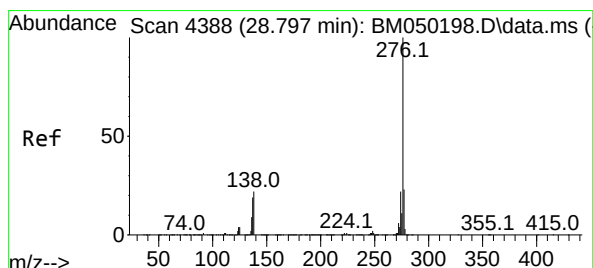
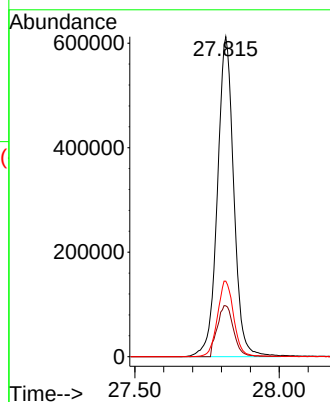
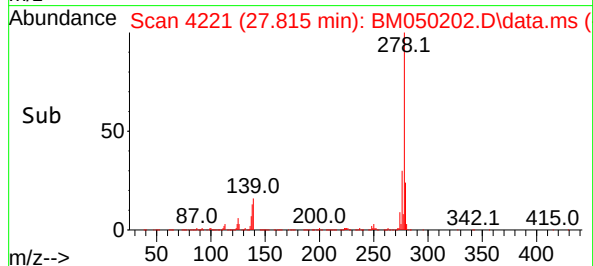
Instrument :
BNA_M
ClientSampleId :
ICVBM060525



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

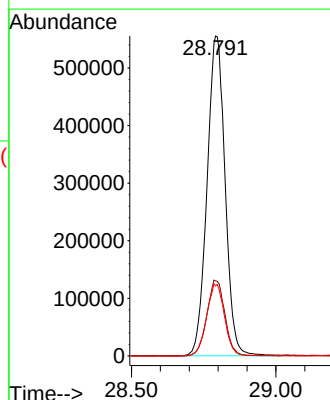
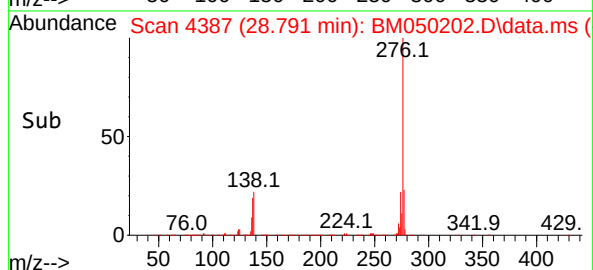
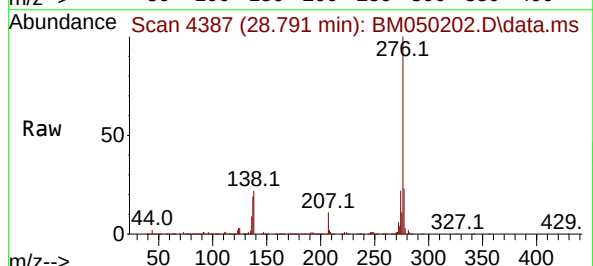
Manual Integrations
APPROVED

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
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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
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QLast Update : Thu Jun 05 14:55:18 2025
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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: PORT06

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG No.: Q2177

Instrument ID: BNA_M Calibration Date/Time: 06/05/2025 11:57

Lab File ID: BM050198.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.311		-3.7	
2-Fluorophenol	1.199	1.145		-4.5	
Phenol-d6	1.578	1.565		-0.8	
1,4-Dichlorobenzene	1.534	1.450		-5.5	20.0
2-Methylphenol	1.102	1.108		0.5	
3+4-Methylphenols	1.474	1.509		2.4	
Nitrobenzene-d5	0.385	0.377		-2.1	
Hexachloroethane	0.555	0.533		-4.0	
Nitrobenzene	0.350	0.339		-3.1	
Hexachlorobutadiene	0.190	0.182		-4.2	20.0
2,4,6-Trichlorophenol	0.380	0.375		-1.3	20.0
2-Fluorobiphenyl	1.477	1.377		-6.8	
2,4,5-Trichlorophenol	0.417	0.414		-0.7	
2,4-Dinitrotoluene	0.360	0.396		10.0	
2,4,6-Tribromophenol	0.227	0.231		1.8	
Hexachlorobenzene	0.249	0.238		-4.4	
Pentachlorophenol	0.162	0.164		1.2	20.0
Terphenyl-d14	1.055	1.010		-4.3	

All other compounds must meet a minimum RRF of 0.010.

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

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/05/2025

Supervised By :Jagrut Upadhyay 06/06/2025

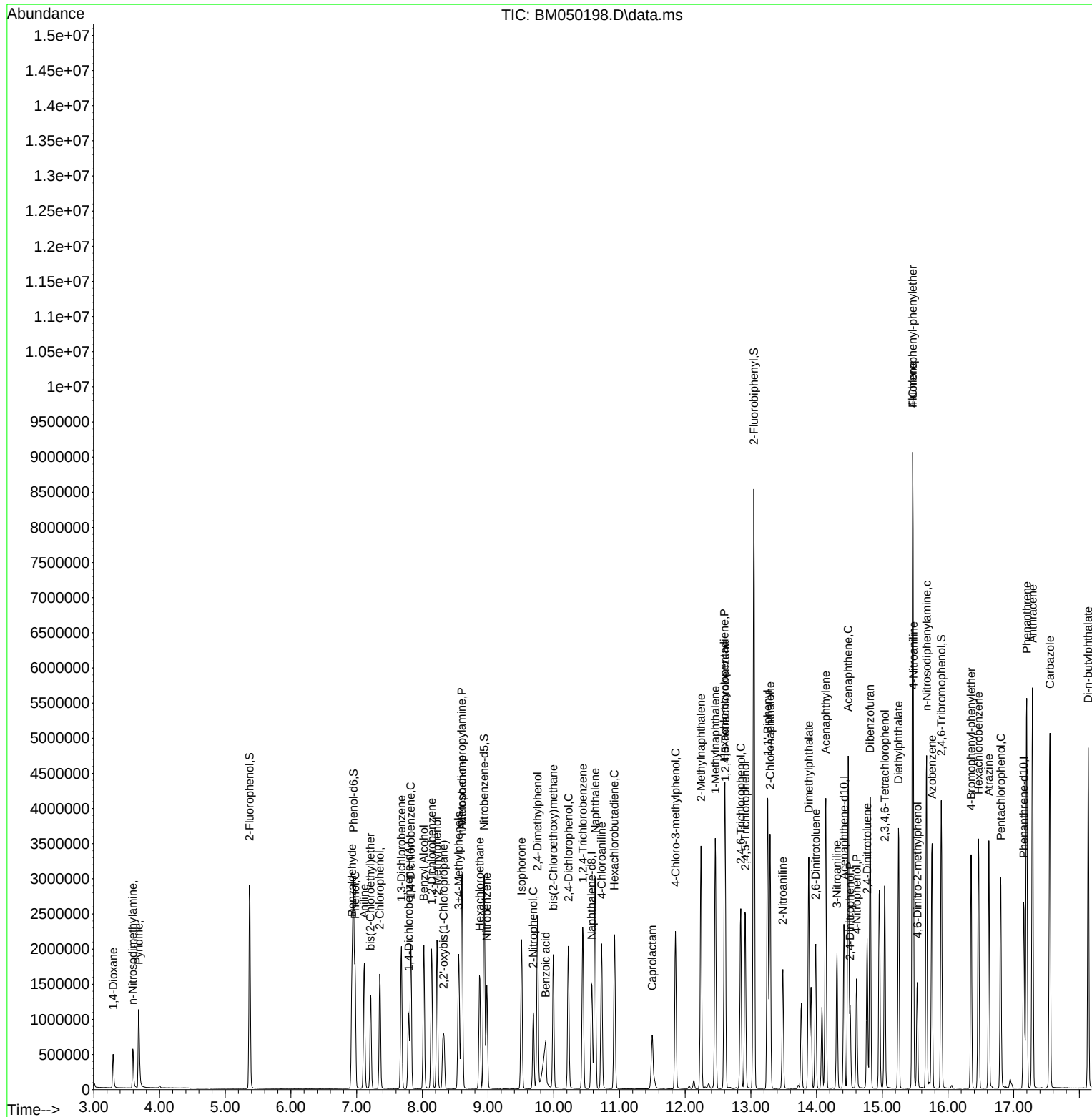
Quant Time: Jun 05 14:58:45 2025

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



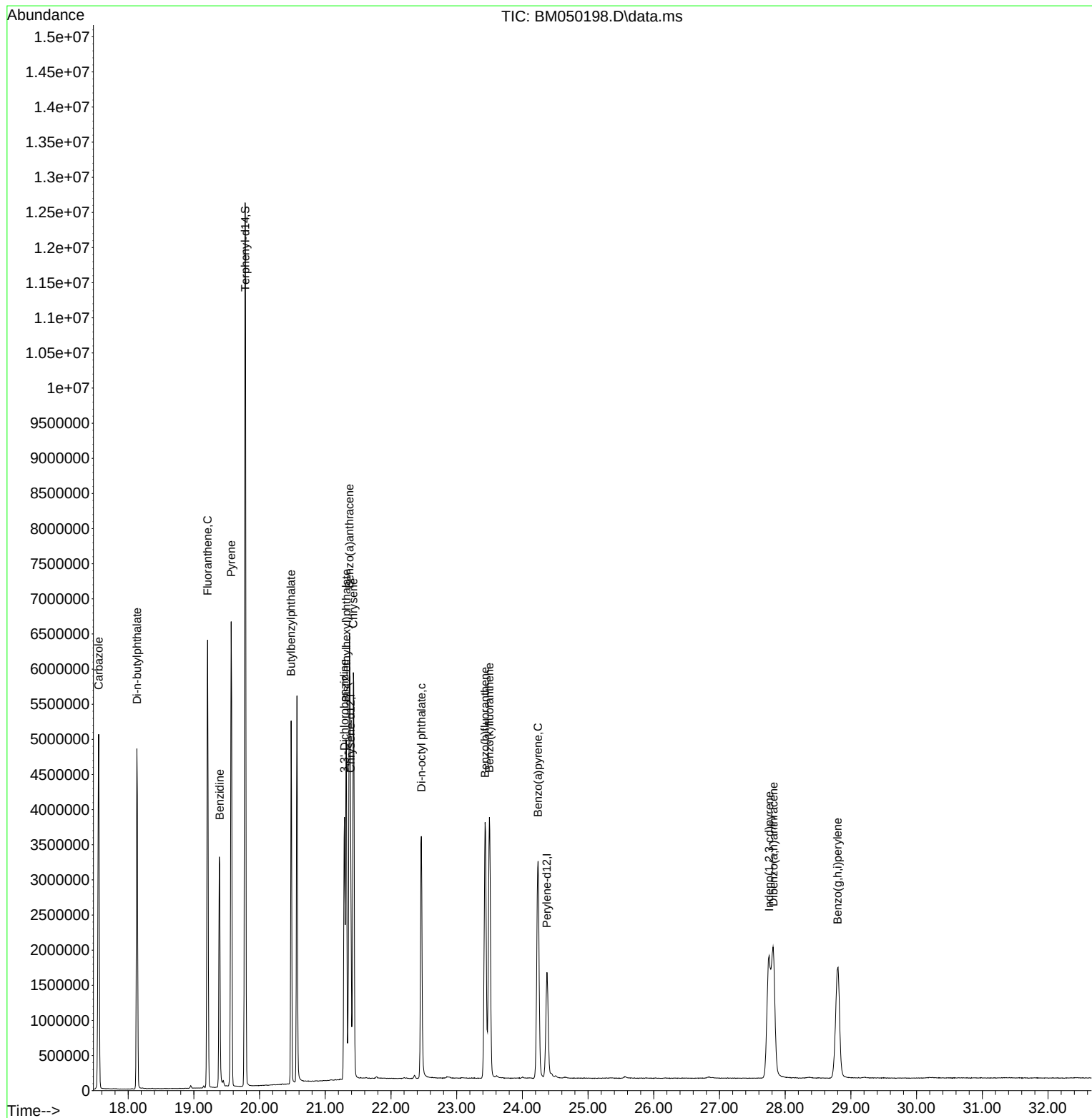
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
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Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

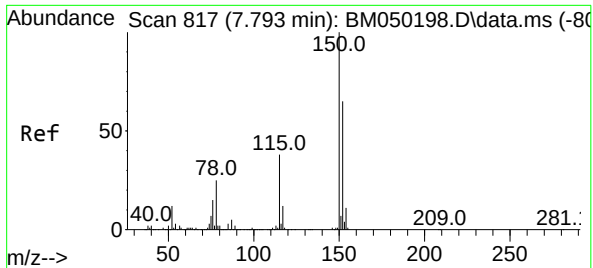
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

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

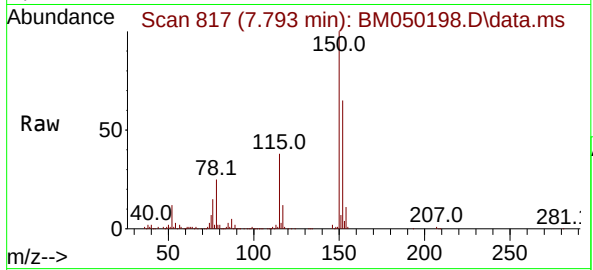
Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration





#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

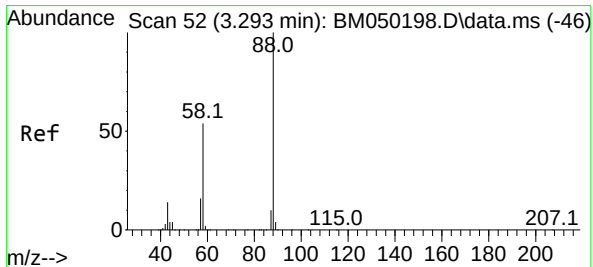
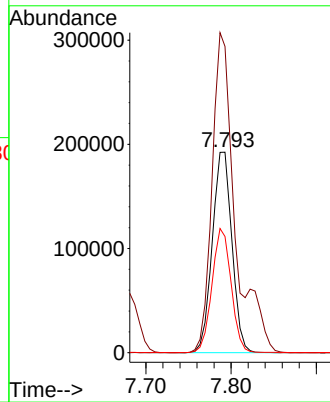
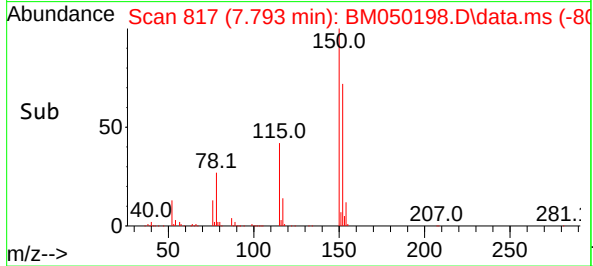
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

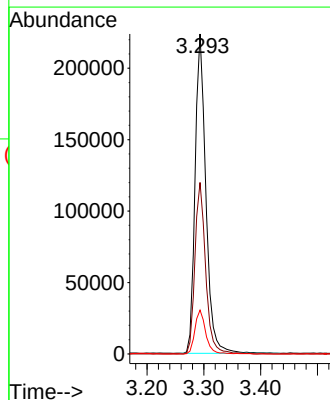
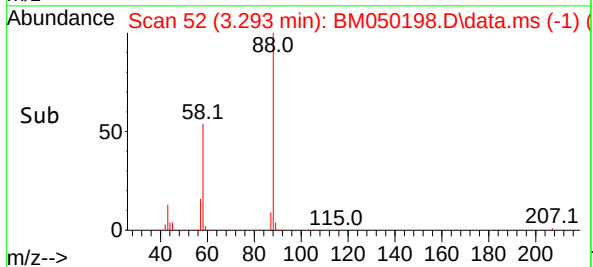
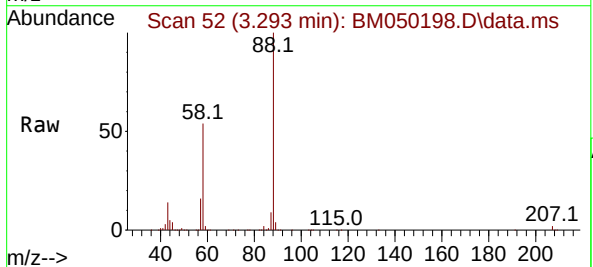
Manual Integrations
APPROVED

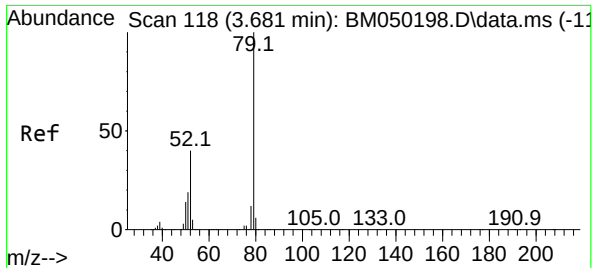
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

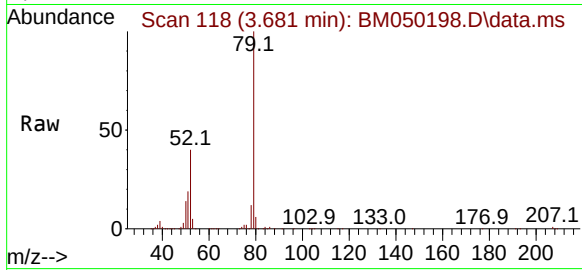
Tgt Ion: 88 Resp: 296051
Ion Ratio Lower Upper
88 100
58 53.6 42.9 64.3
43 13.8 11.0 16.6





#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

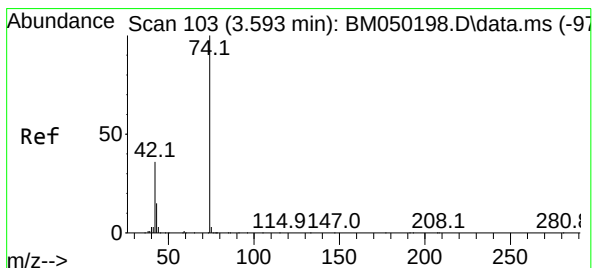
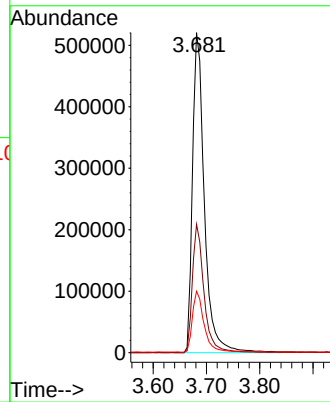
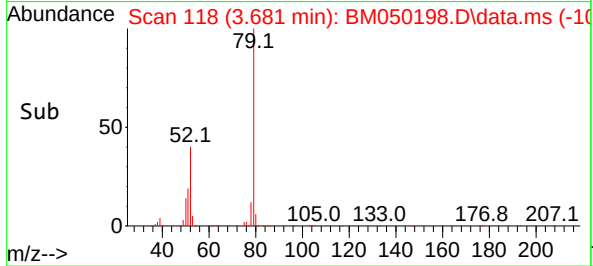
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

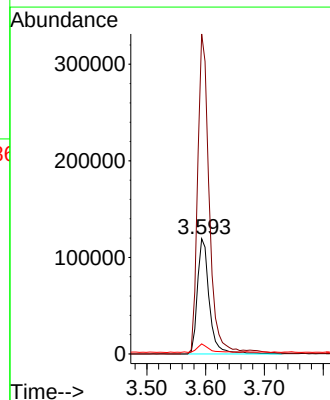
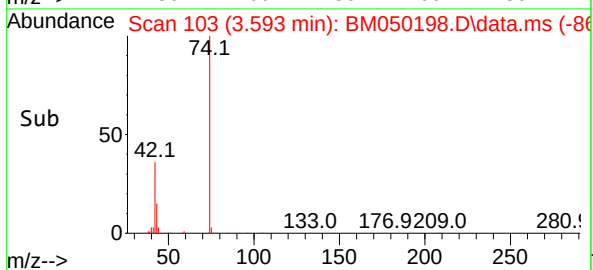
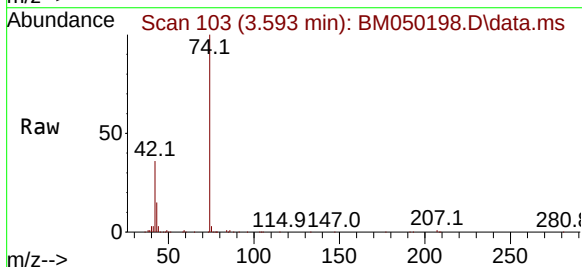
Manual Integrations
APPROVED

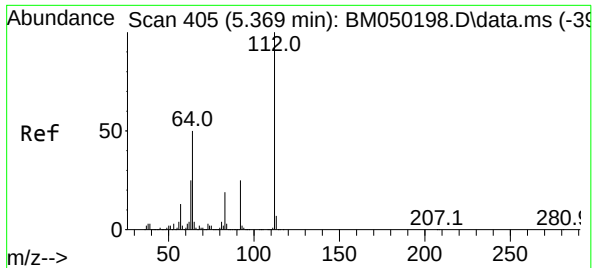
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





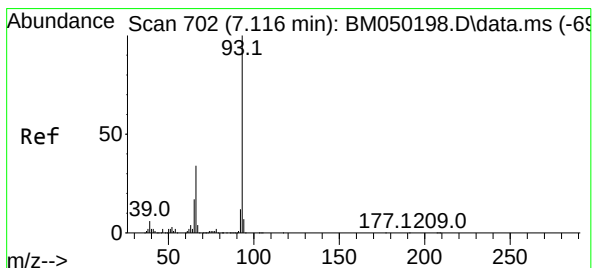
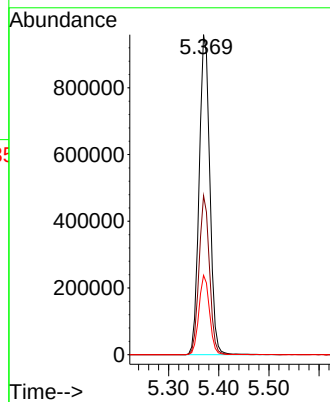
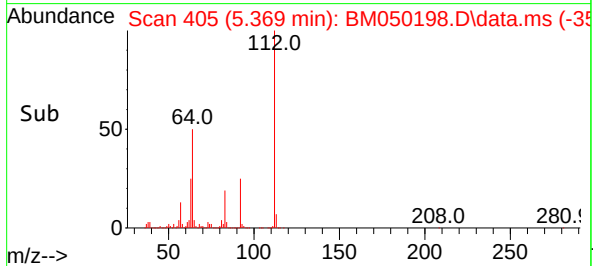
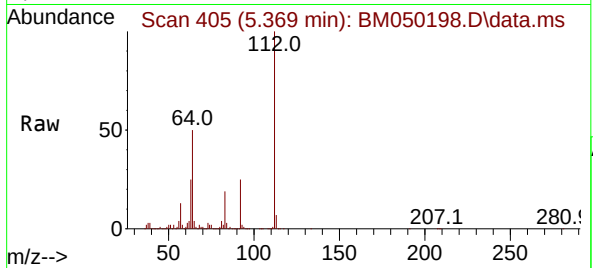
#5
2-Fluorophenol
Concen: 76.431 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

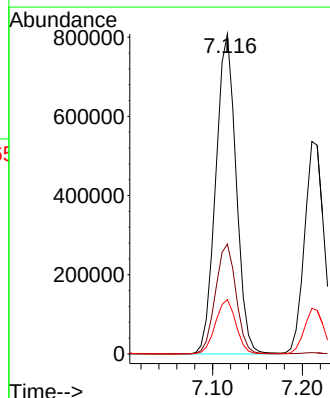
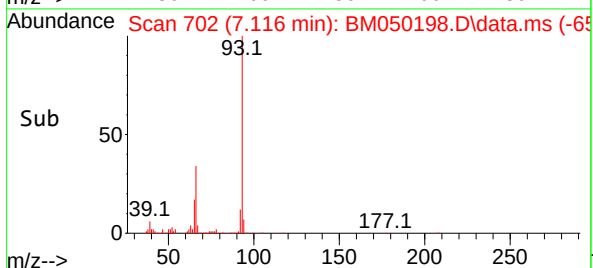
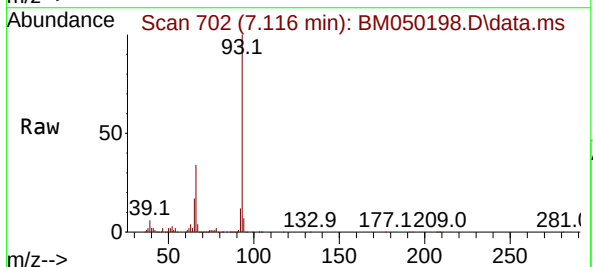
Manual Integrations
APPROVED

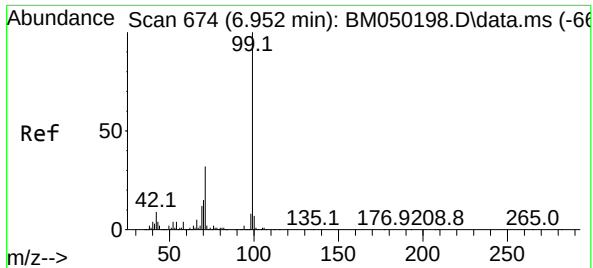
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





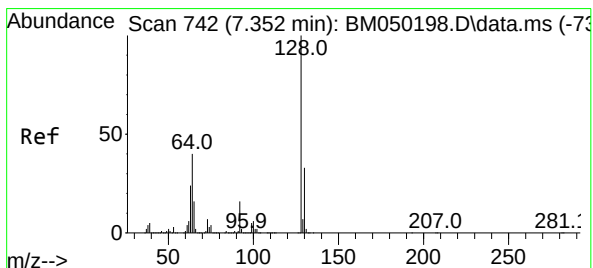
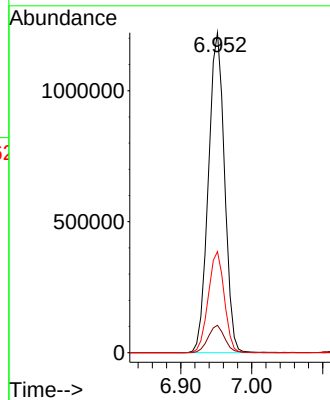
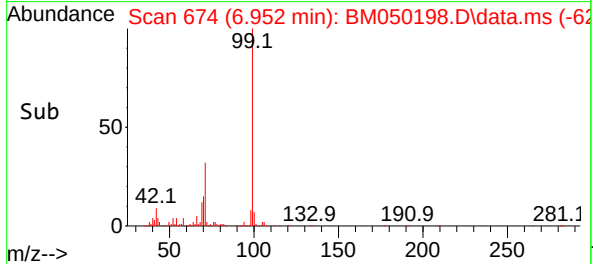
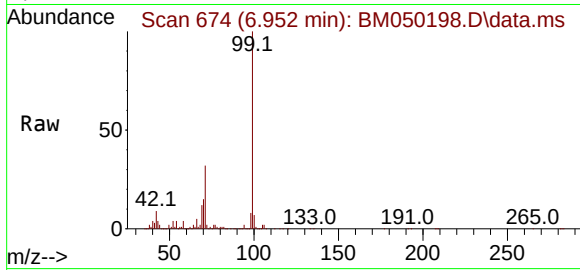
#7
Phenol-d6
Concen: 79.307 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

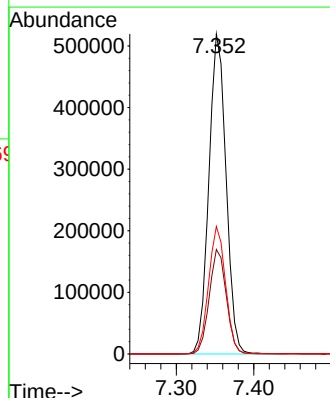
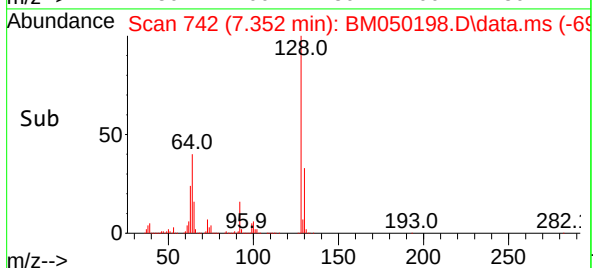
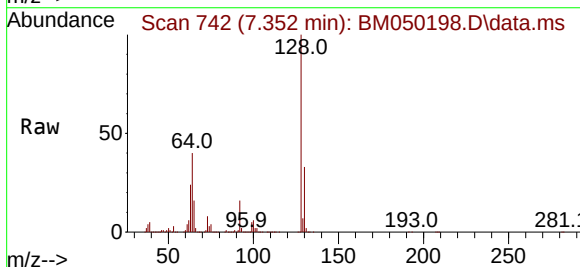
Manual Integrations
APPROVED

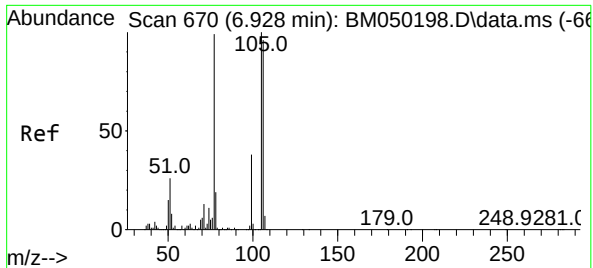
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





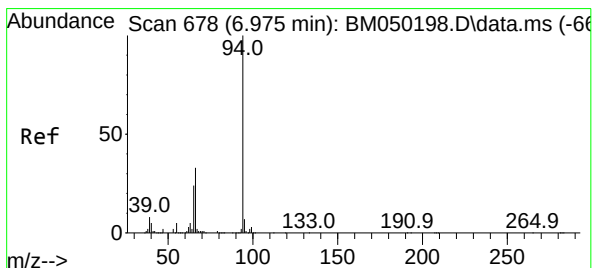
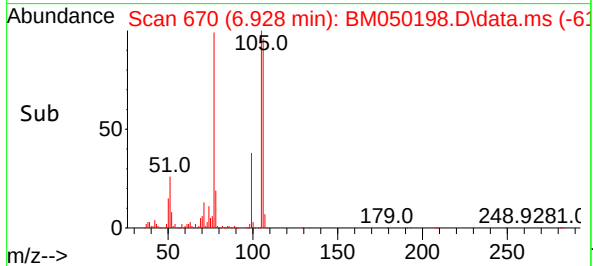
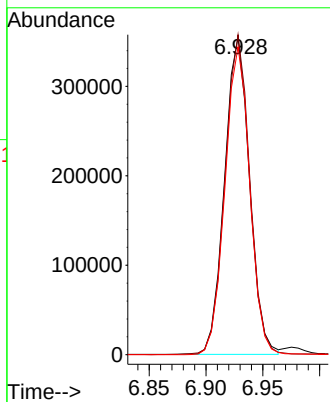
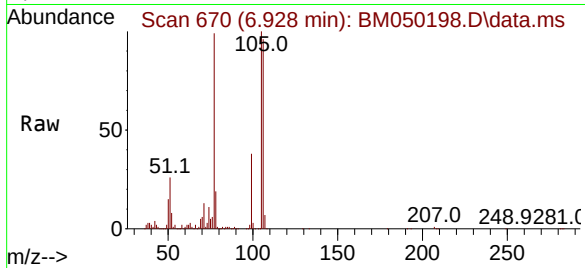
#9
Benzaldehyde
Concen: 35.003 ng
RT: 6.928 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

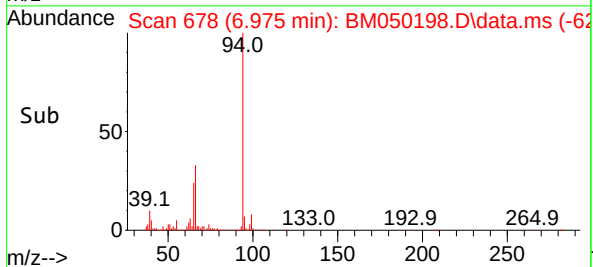
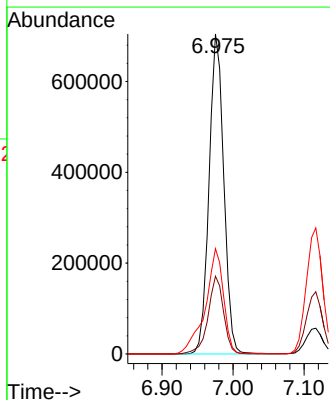
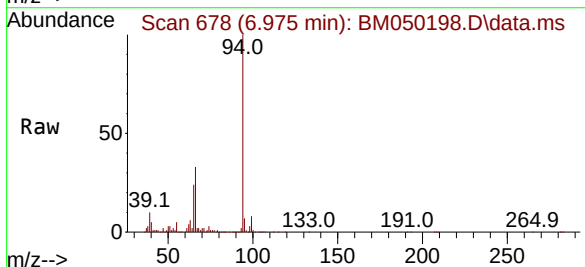
Manual Integrations
APPROVED

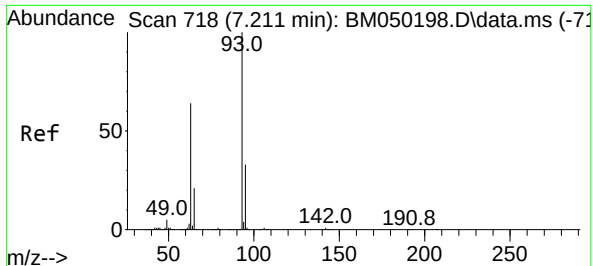
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





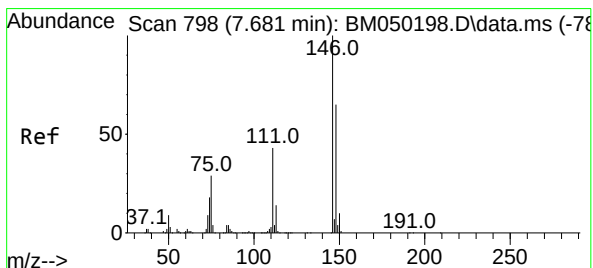
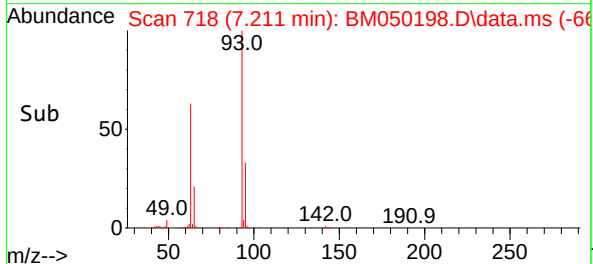
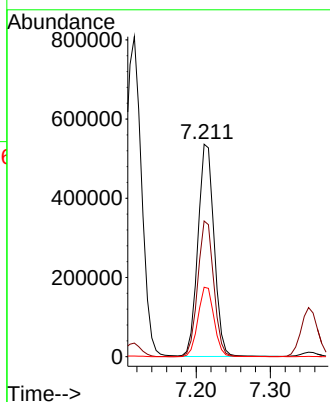
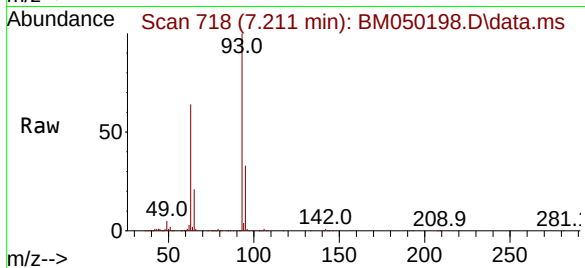
#11
bis(2-Chloroethyl)ether
Concen: 39.155 ng
RT: 7.211 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

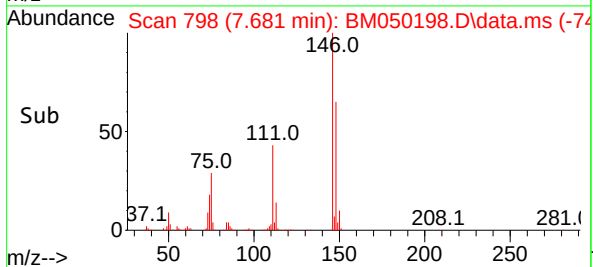
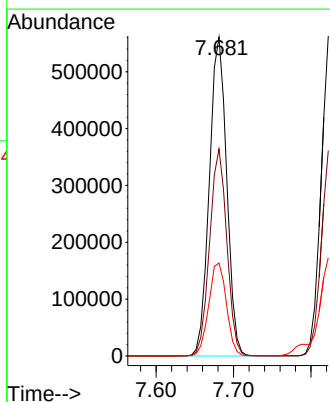
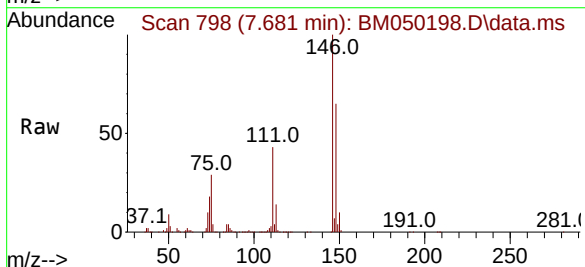
Manual Integrations
APPROVED

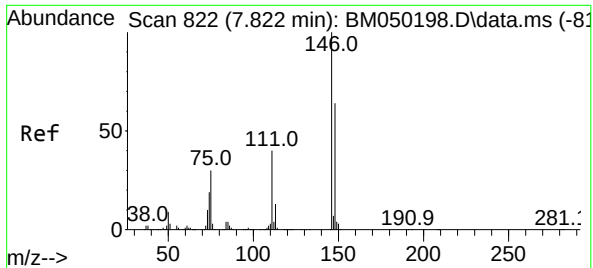
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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





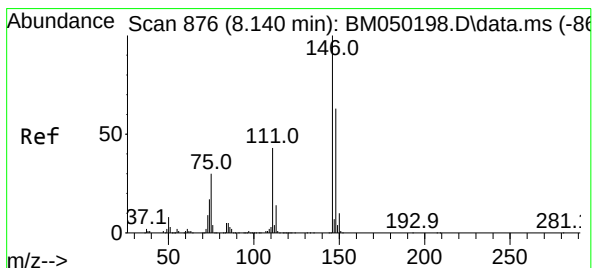
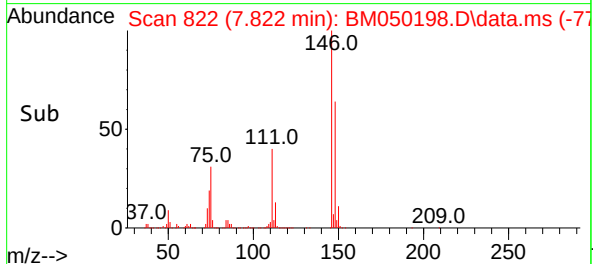
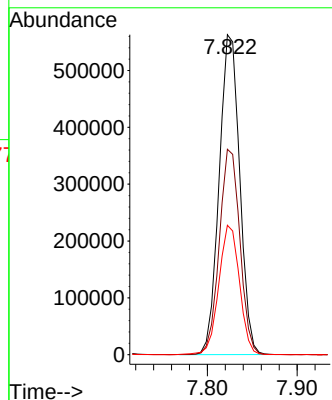
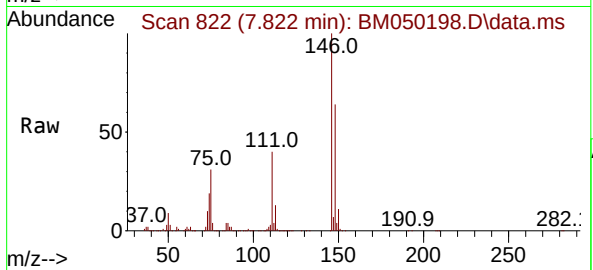
#13
1,4-Dichlorobenzene
Concen: 37.813 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

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

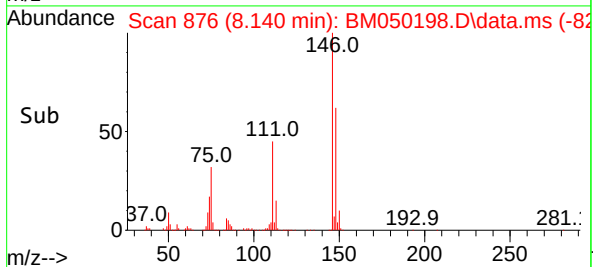
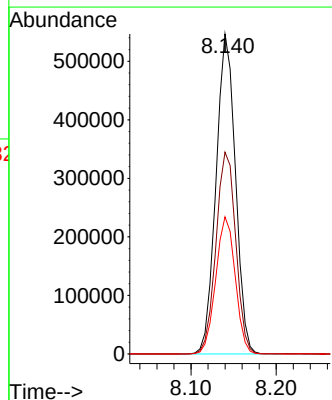
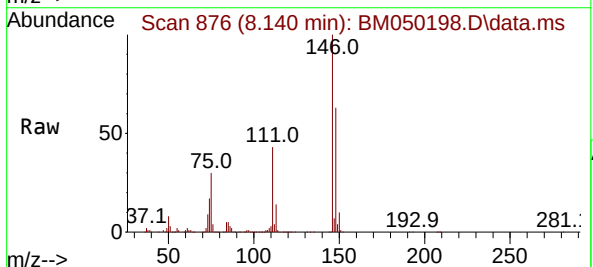
Manual Integrations
APPROVED

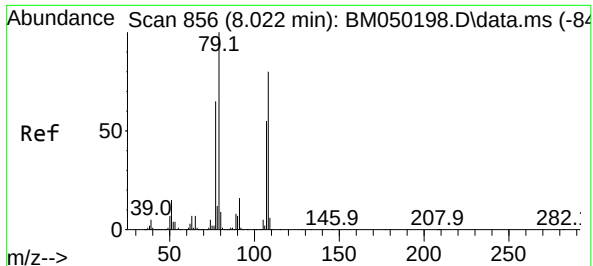
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

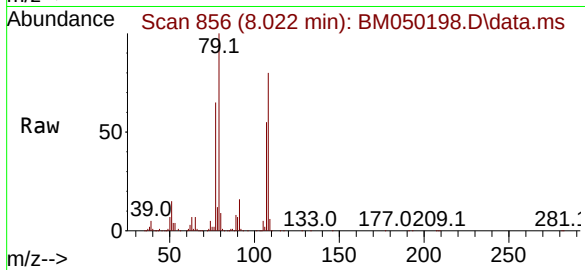
Tgt Ion:146 Resp: 865951
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
111 42.9 34.3 51.5





#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

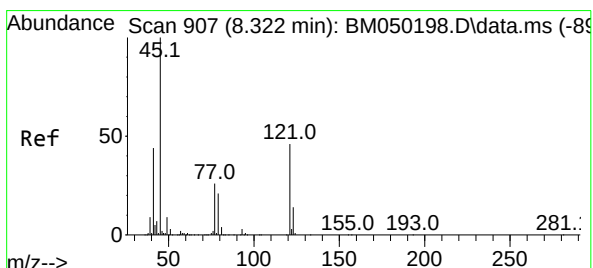
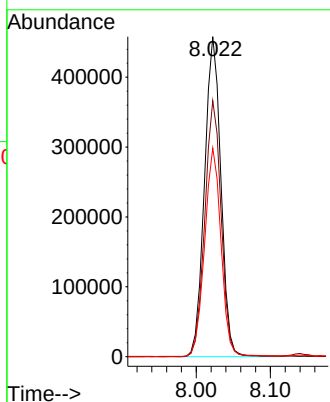
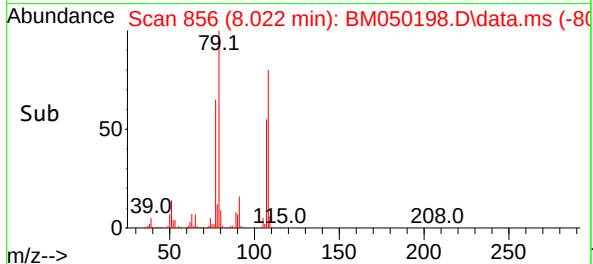
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

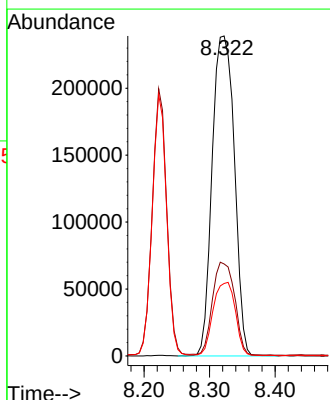
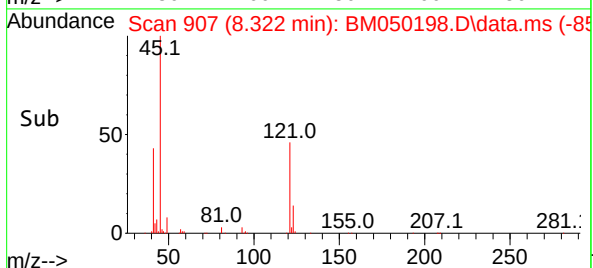
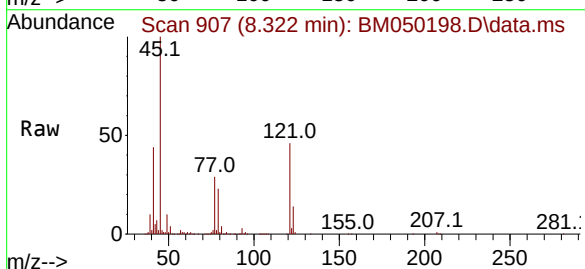
Manual Integrations
APPROVED

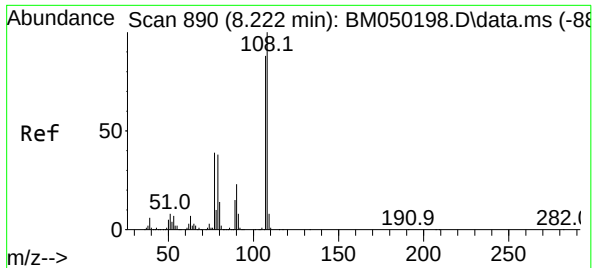
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

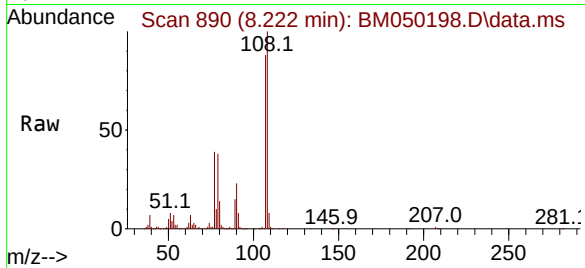
Tgt Ion: 45 Resp: 561618
Ion Ratio Lower Upper
45 100
77 28.7 8.7 48.7
79 22.7 2.7 42.7





#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

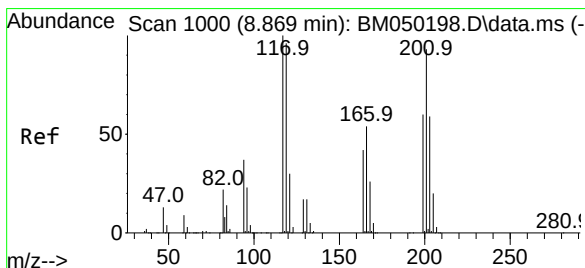
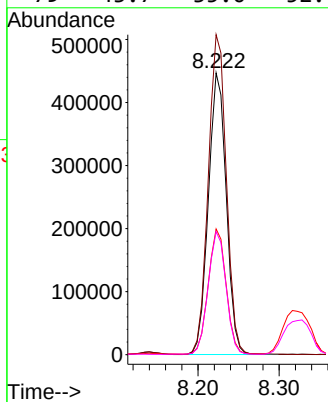
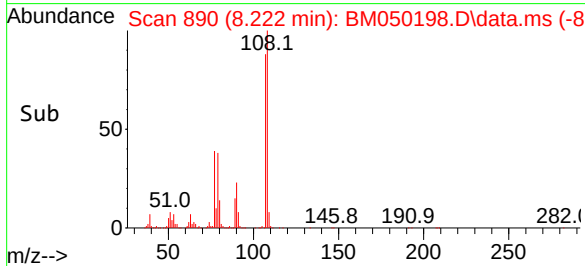
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

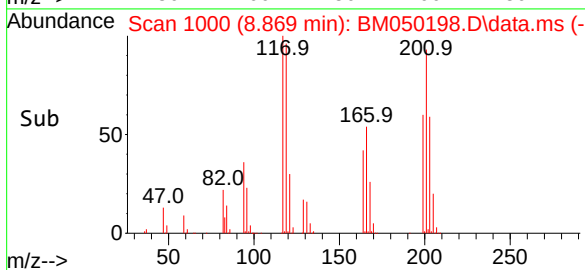
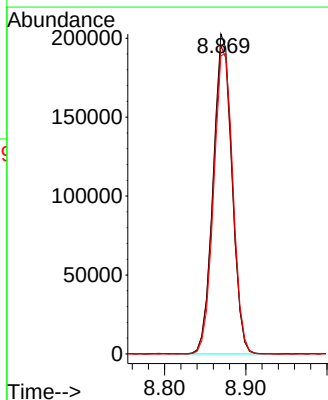
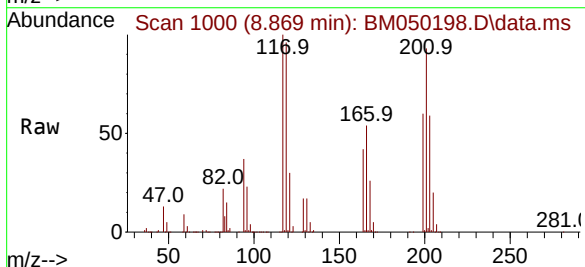
Manual Integrations
APPROVED

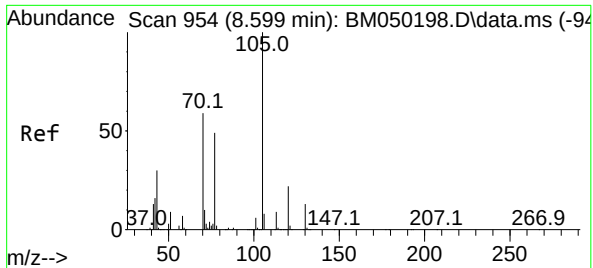
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

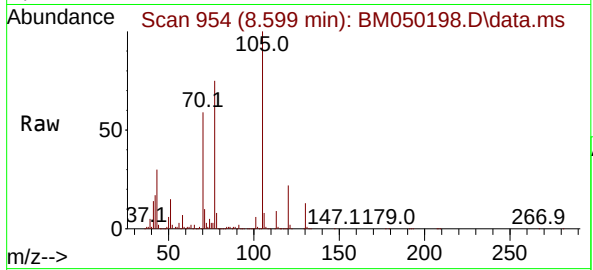
Tgt Ion:117 Resp: 329145
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 93.2 74.6 111.8





#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

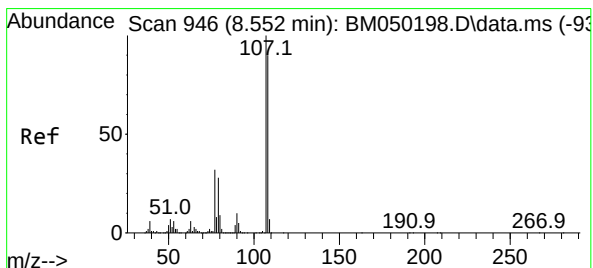
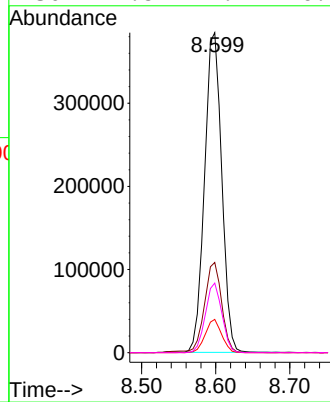
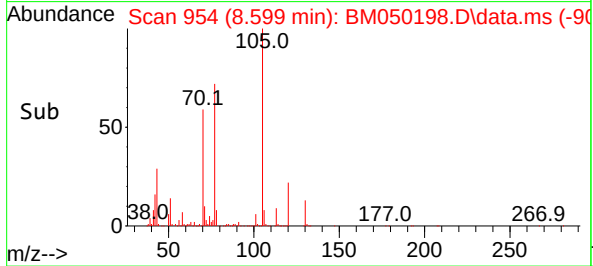
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

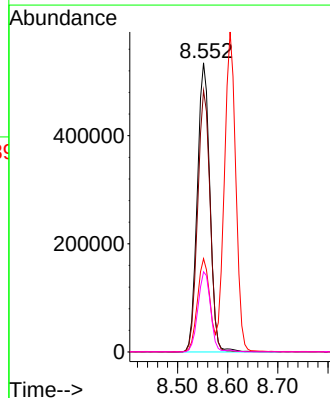
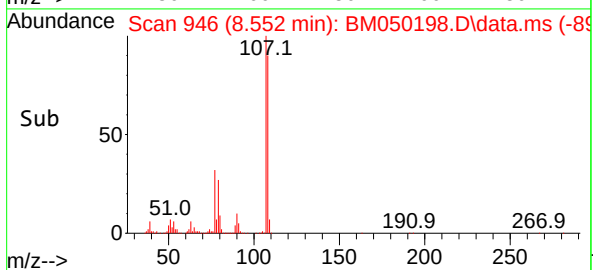
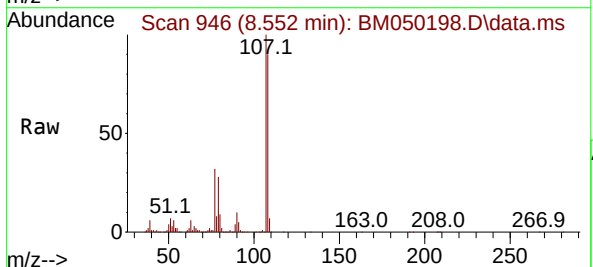
Manual Integrations
APPROVED

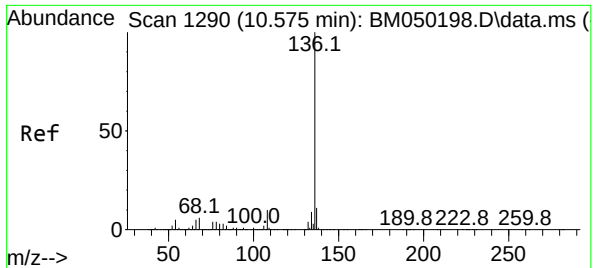
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

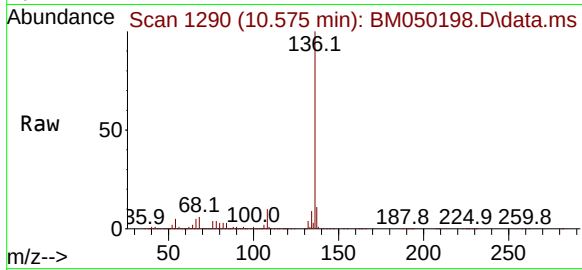
Tgt Ion:107 Resp: 932041
Ion Ratio Lower Upper
107 100
108 90.4 70.4 110.4
77 32.2 12.2 52.2
79 27.7 7.7 47.7





#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

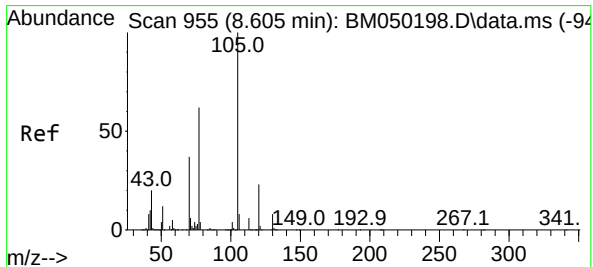
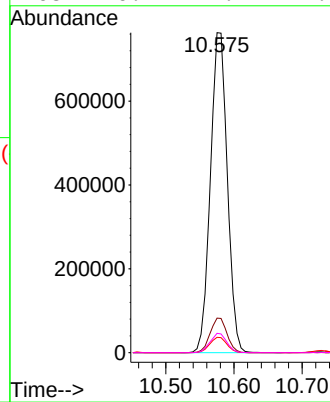
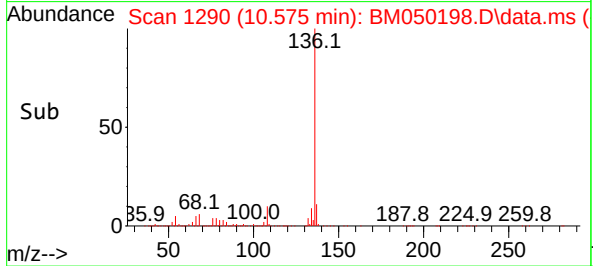
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

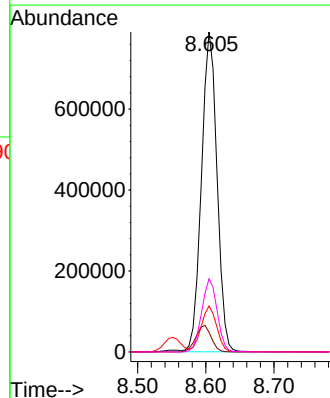
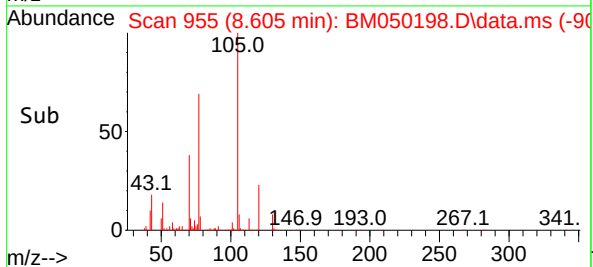
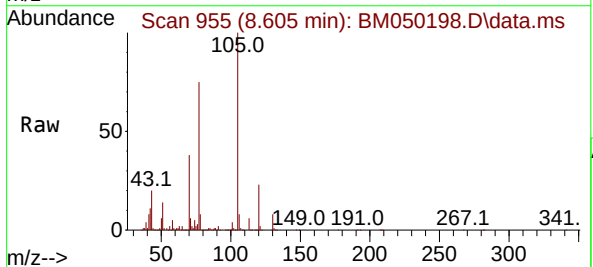
Manual Integrations
APPROVED

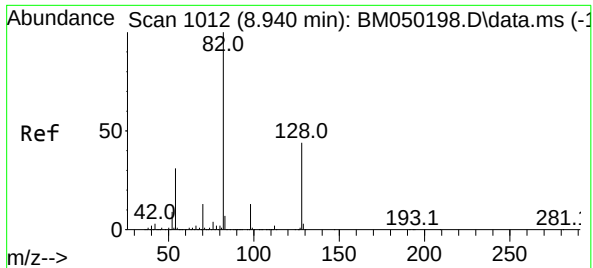
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

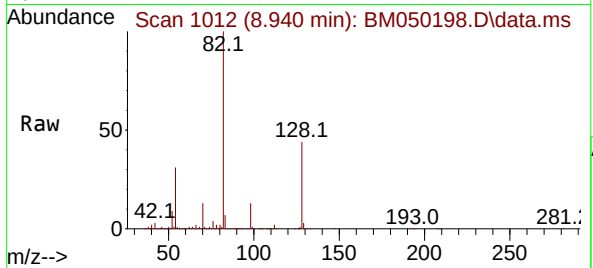
Tgt Ion:105 Resp: 1252780
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 14.3 11.4 17.2
120 22.8 18.2 27.4





#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

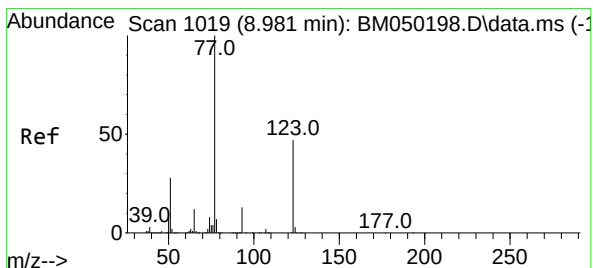
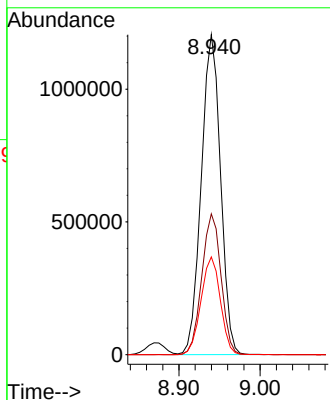
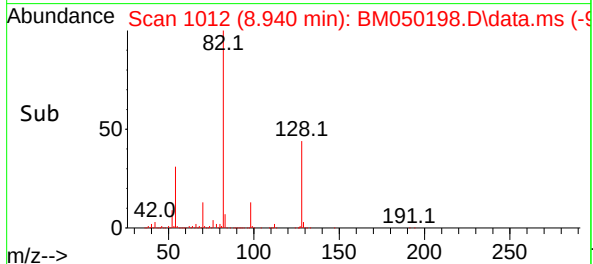
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

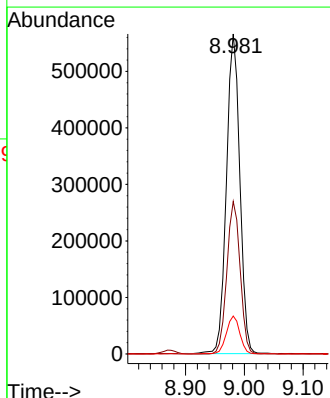
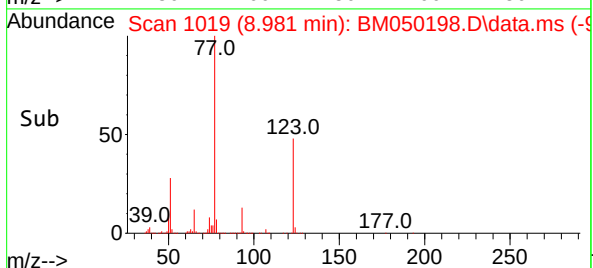
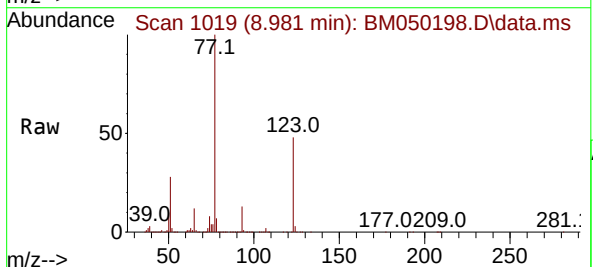
Manual Integrations
APPROVED

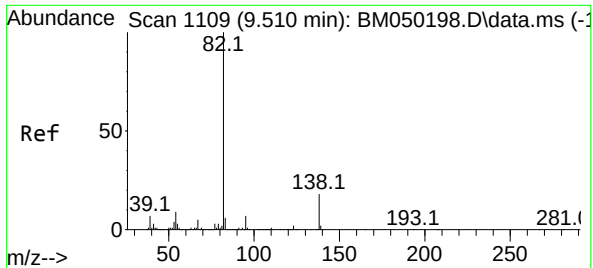
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

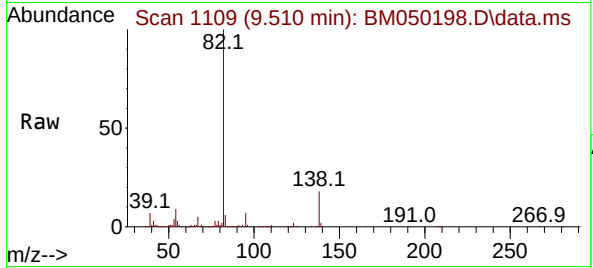
Tgt Ion: 77 Resp: 893607
Ion Ratio Lower Upper
77 100
123 47.7 38.2 57.2
65 11.9 9.5 14.3





#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

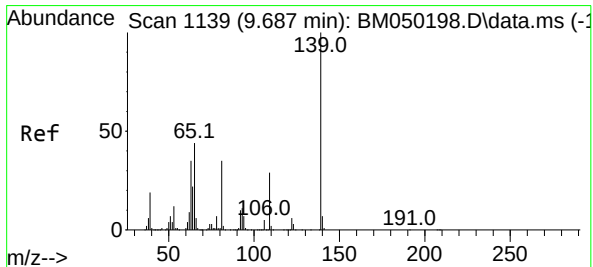
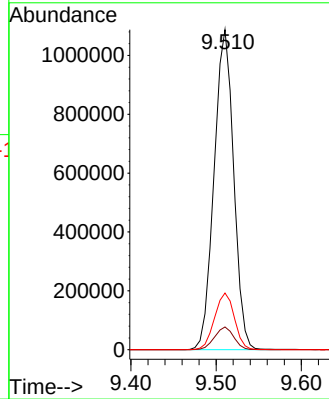
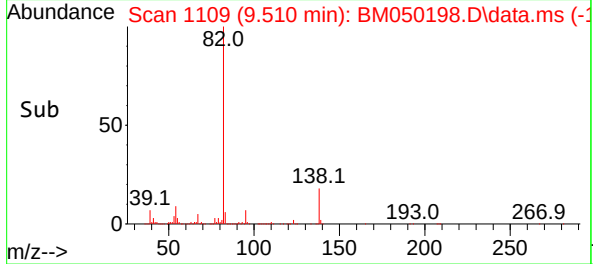
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

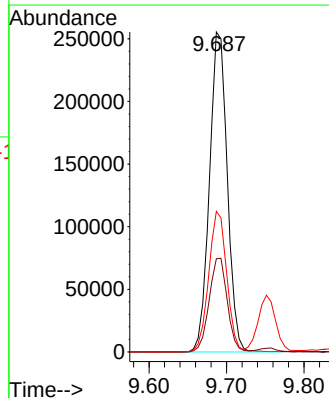
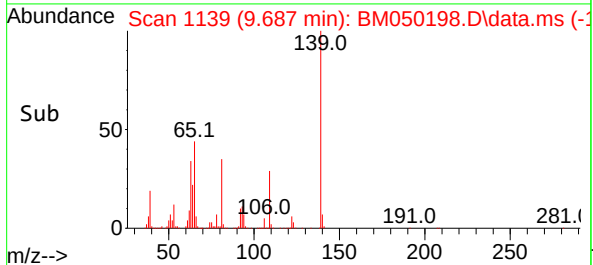
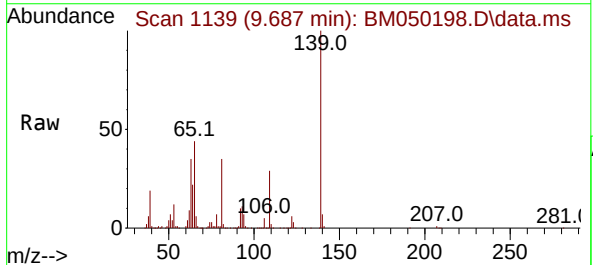
Manual Integrations
APPROVED

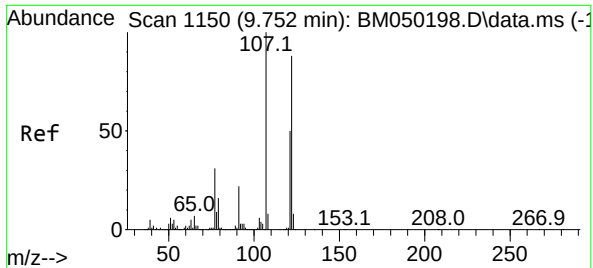
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

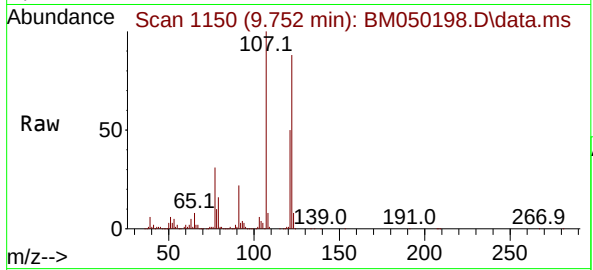
Acq: 05 Jun 2025 11:57

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:122 Resp: 79814

Ion Ratio Lower Upper

122 100

107 113.8 91.0 136.6

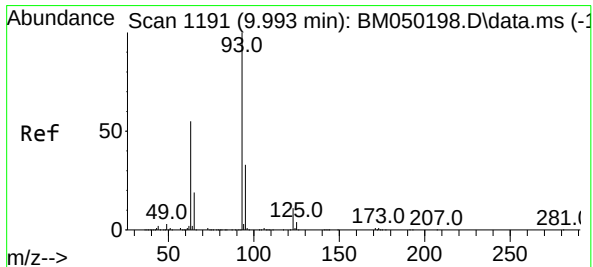
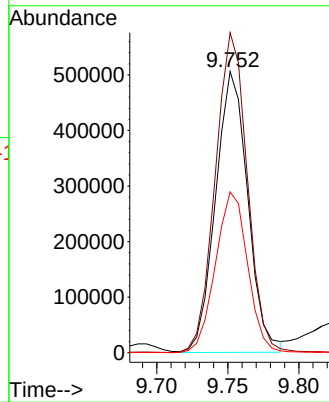
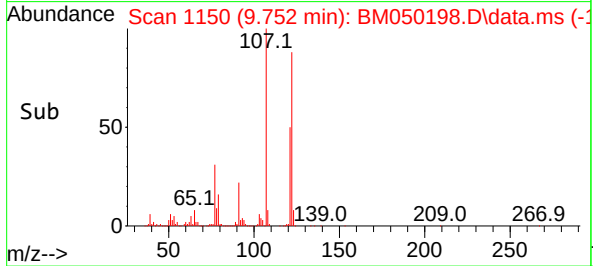
121 57.2 45.8 68.6

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

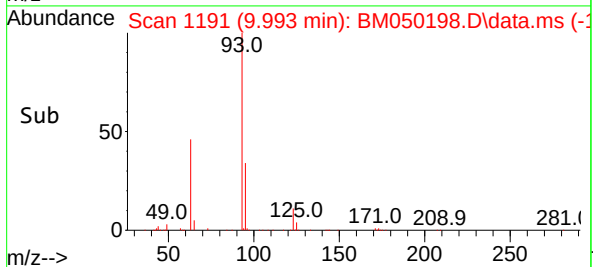
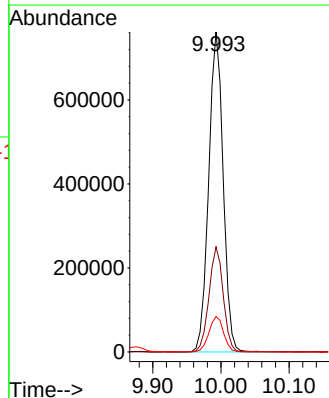
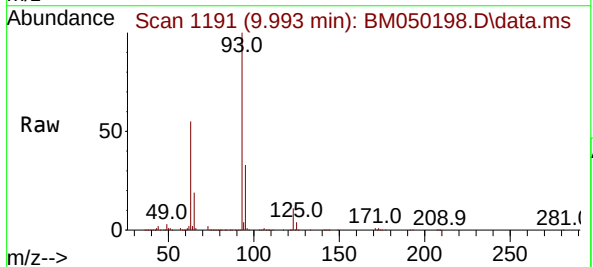
Tgt Ion: 93 Resp: 1123606

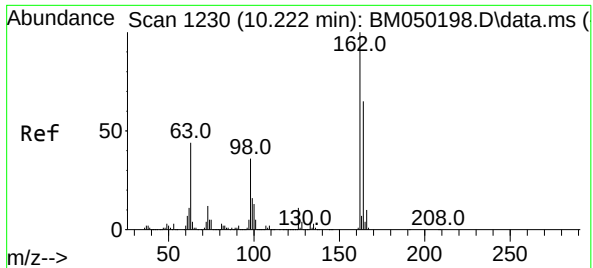
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

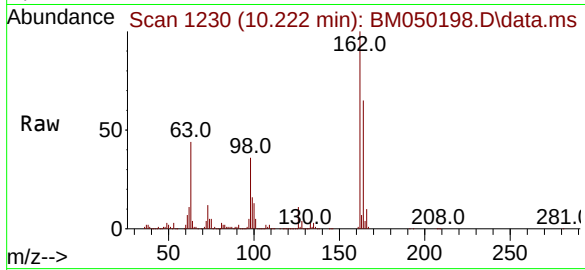
123 11.1 8.9 13.3





#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

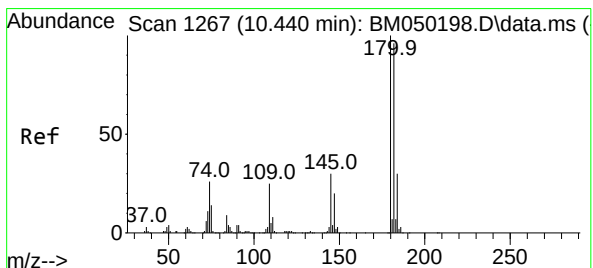
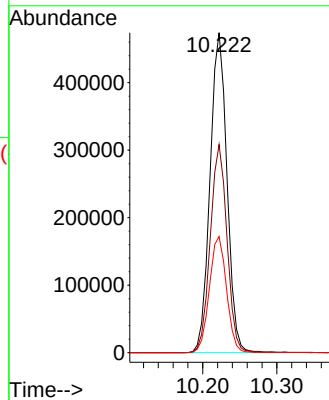
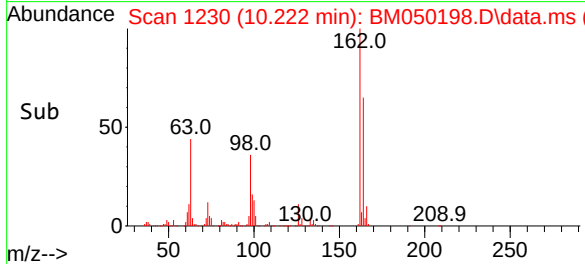
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

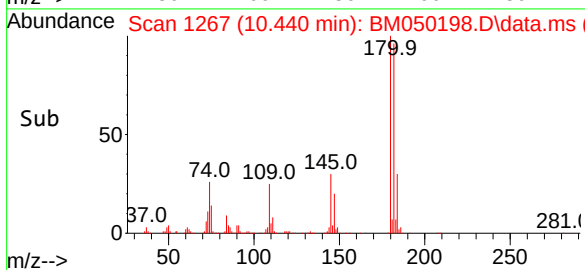
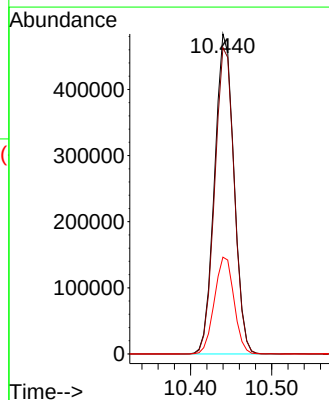
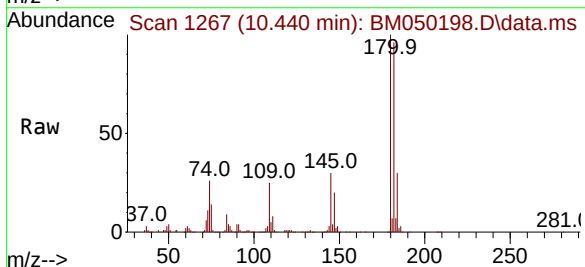
Manual Integrations
APPROVED

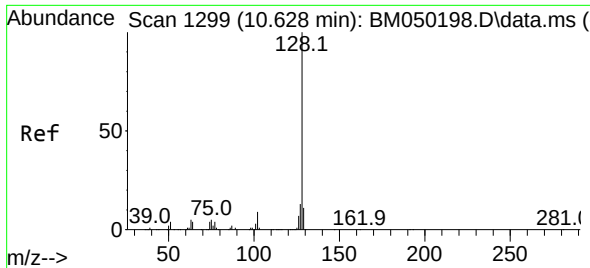
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

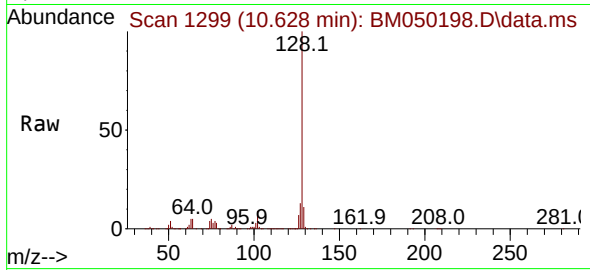
Tgt Ion:180 Resp: 803693
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 30.3 24.2 36.4





#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

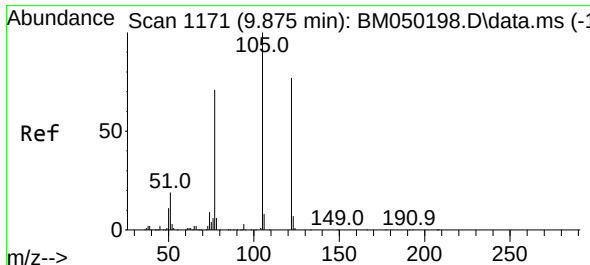
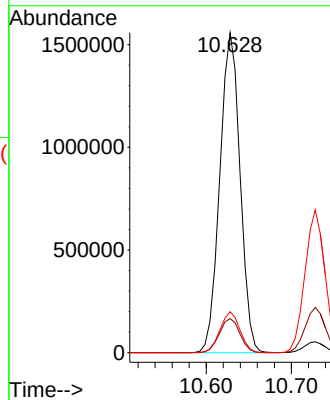
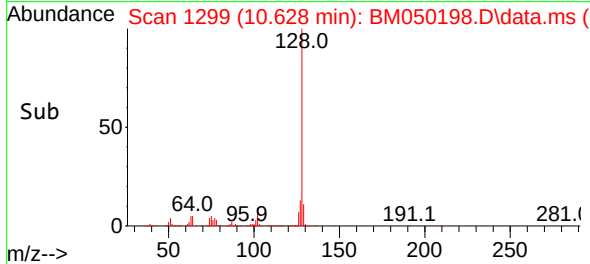
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

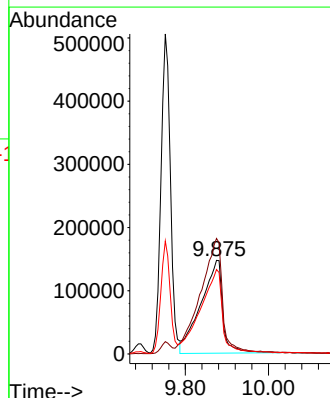
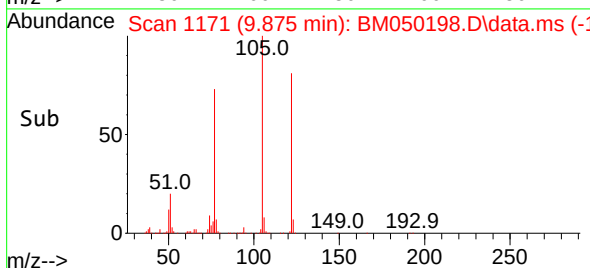
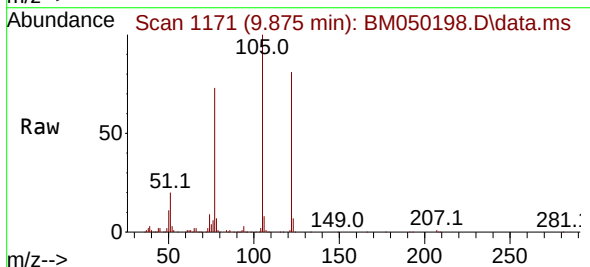
Manual Integrations
APPROVED

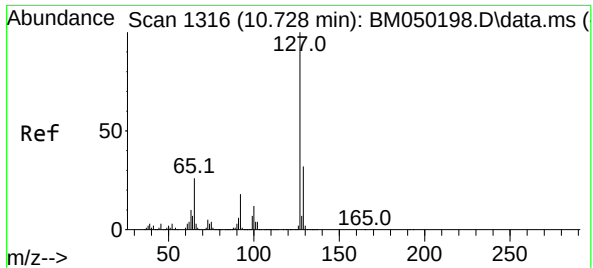
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

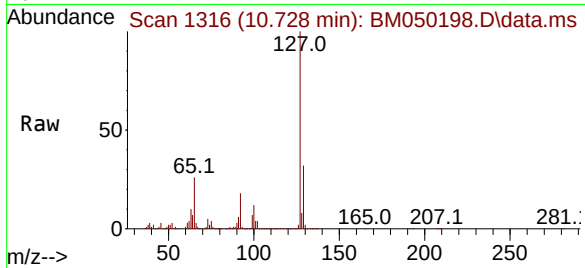
Tgt Ion:122 Resp: 538152
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 90.3 70.3 110.3





#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

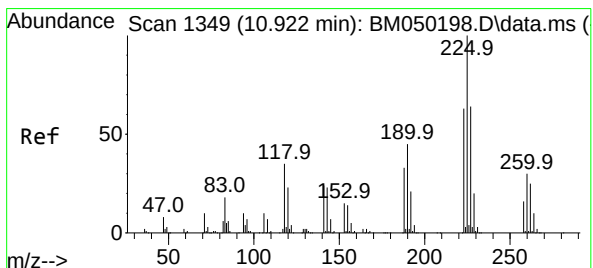
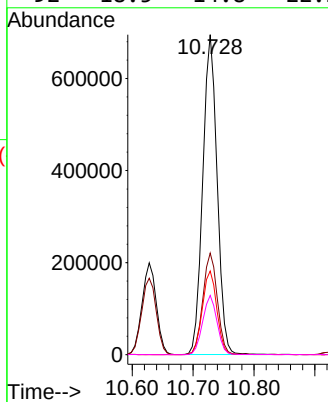
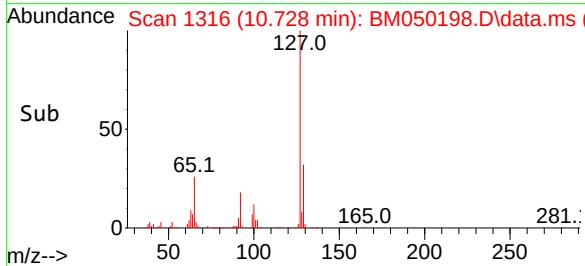
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

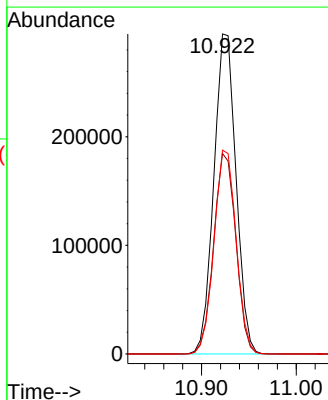
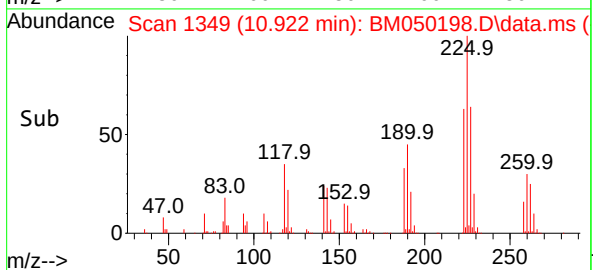
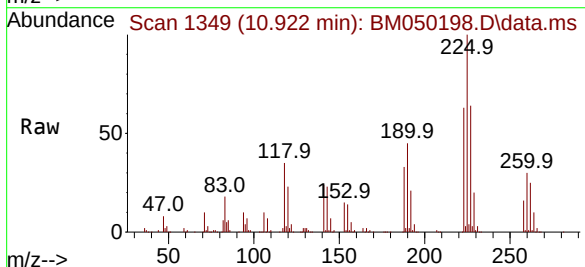
Manual Integrations
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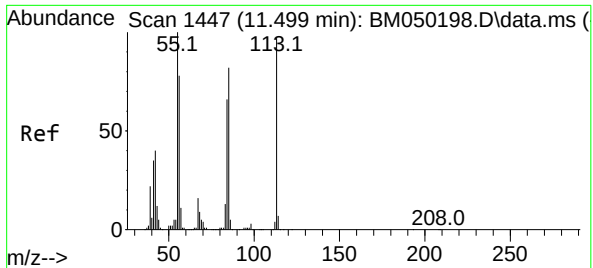
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

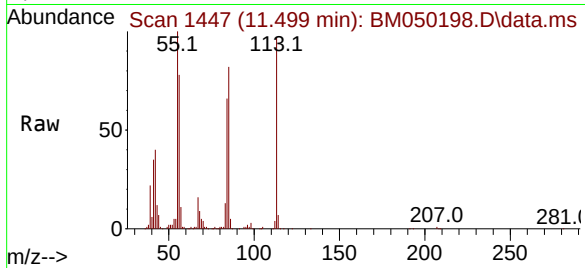
Tgt Ion:225 Resp: 480290
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.7 51.0 76.4





#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

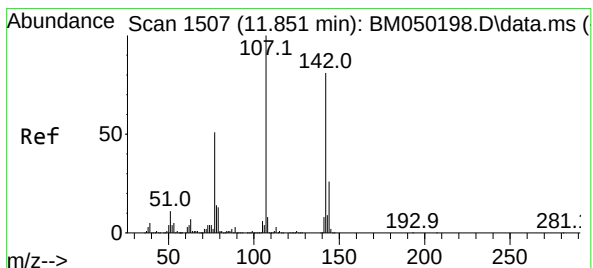
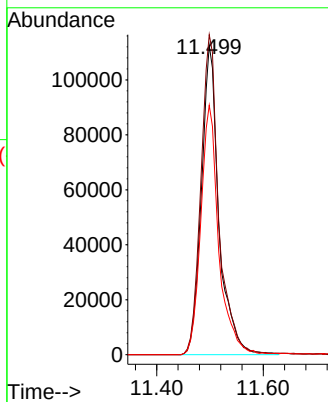
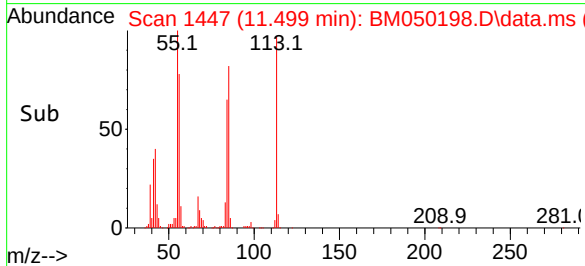
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

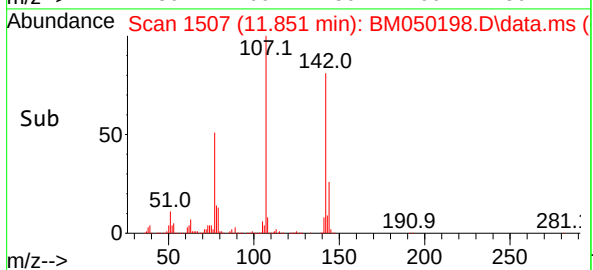
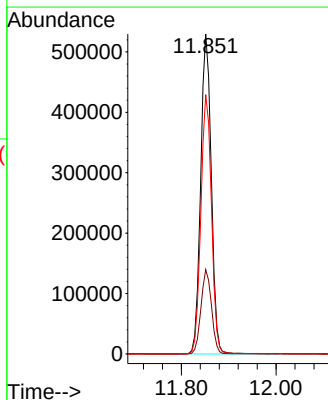
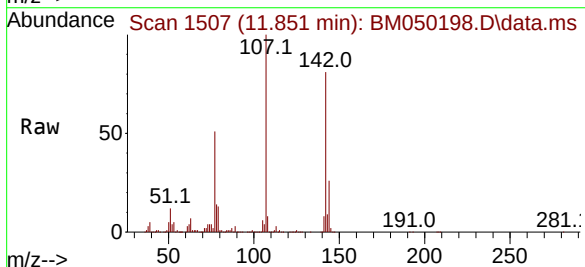
Manual Integrations
APPROVED

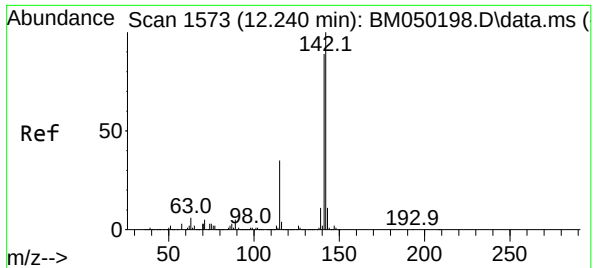
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

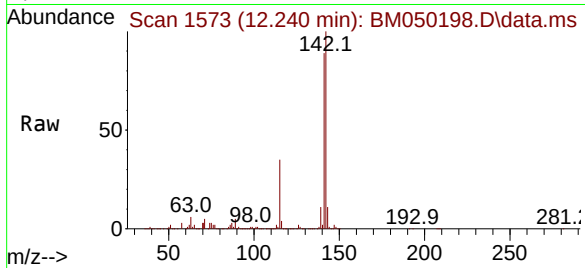
Tgt Ion:107 Resp: 824664
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.0 64.8 97.2





#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

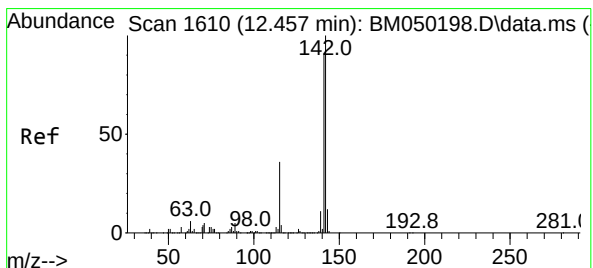
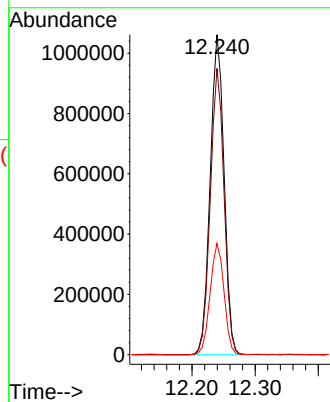
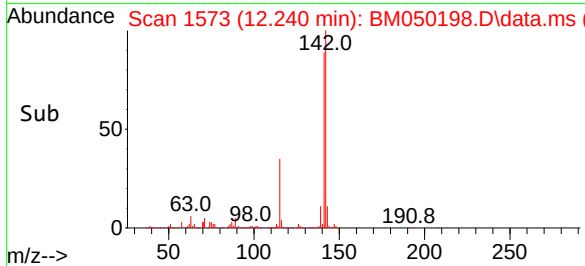
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



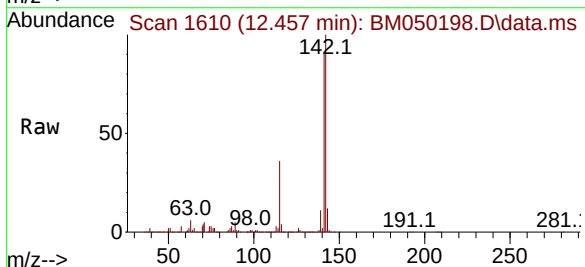
Tgt Ion:142 Resp: 1619990
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3
115 34.8 27.8 41.8

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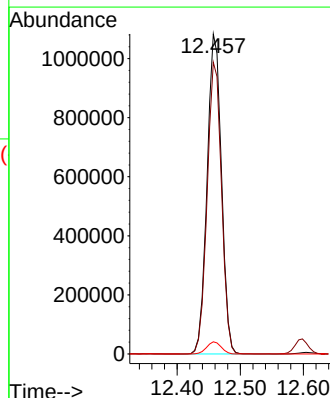
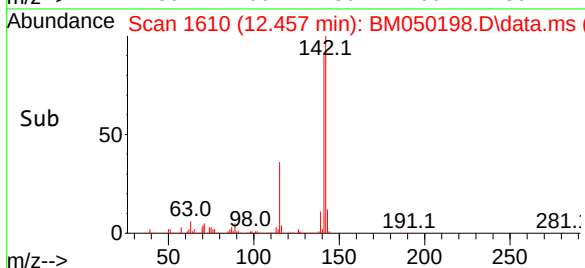
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

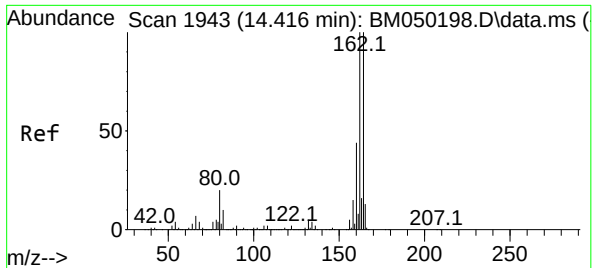


#38
1-Methylnaphthalene
Concen: 39.210 ng
RT: 12.457 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



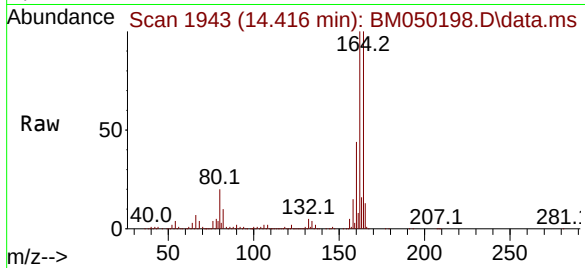
Tgt Ion:142 Resp: 1708673
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.8 3.0 4.6





#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

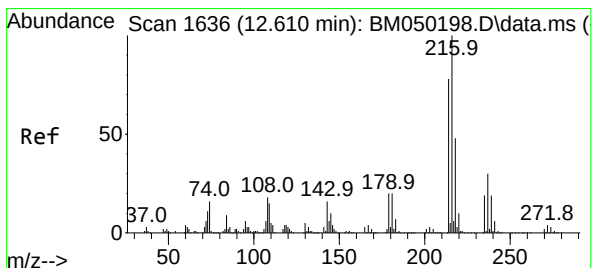
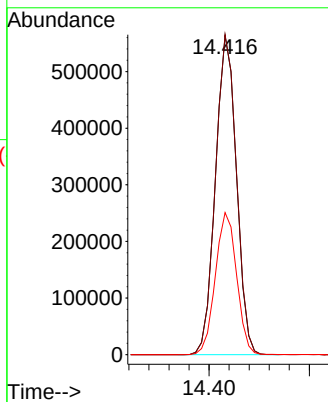
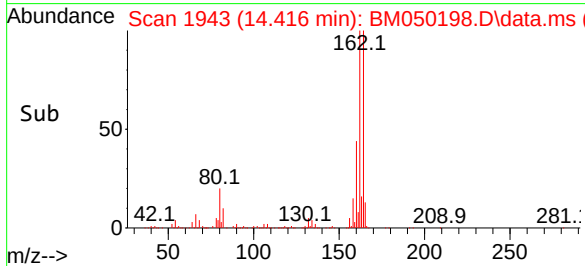
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

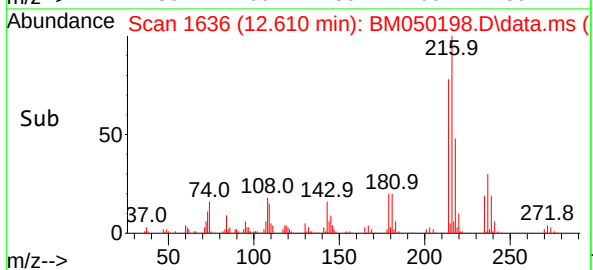
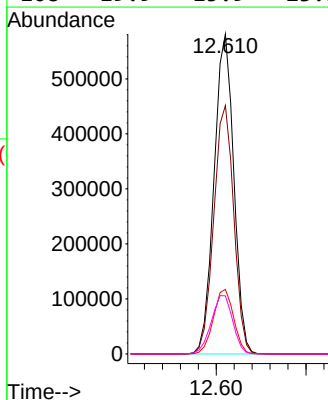
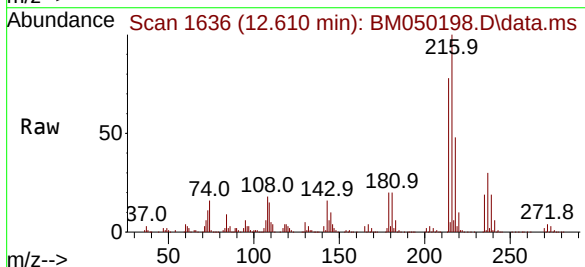
Manual Integrations
APPROVED

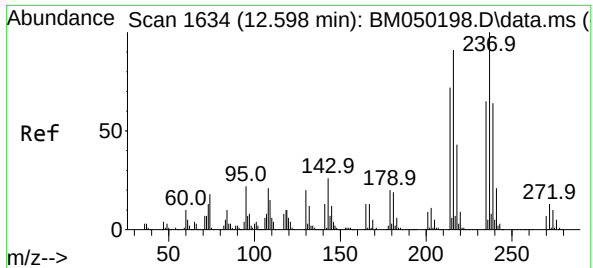
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

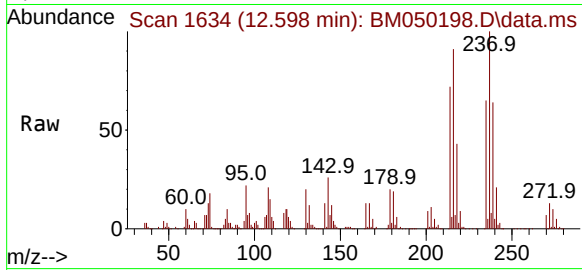
Tgt Ion:216 Resp: 886232
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 20.8 16.6 25.0
108 19.9 15.9 23.9





#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

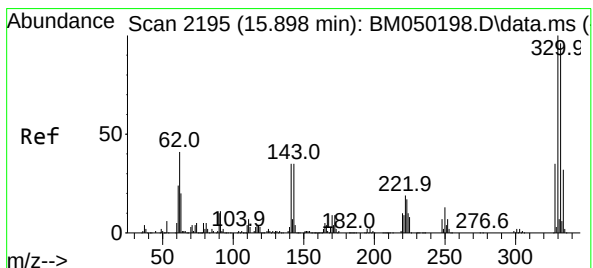
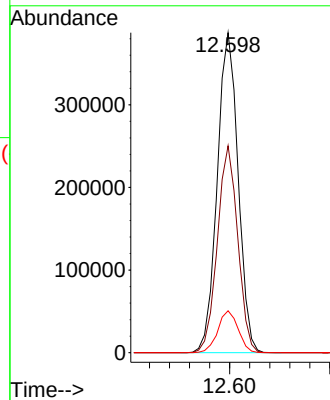
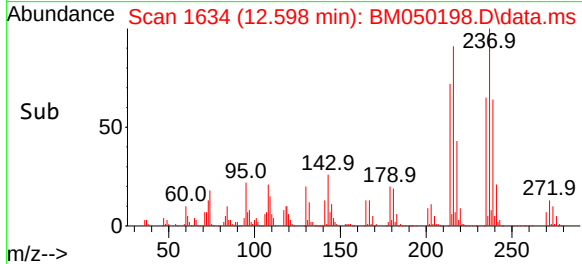
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



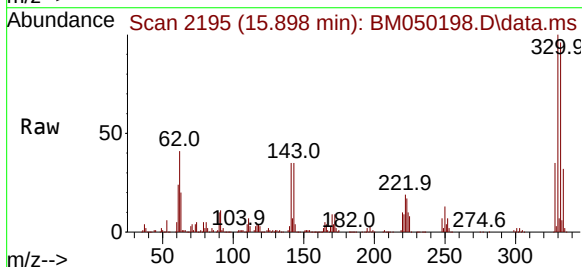
Tgt Ion:237 Resp: 55887
Ion Ratio Lower Upper
237 100
235 64.6 44.6 84.6
272 13.1 0.0 33.1

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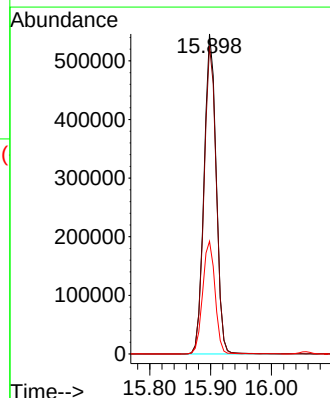
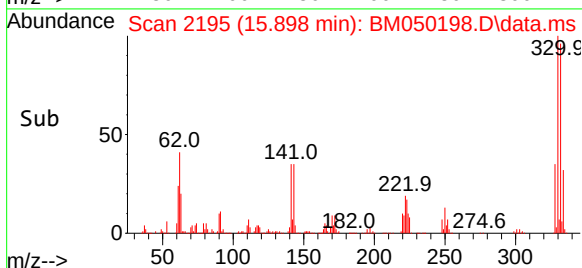
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

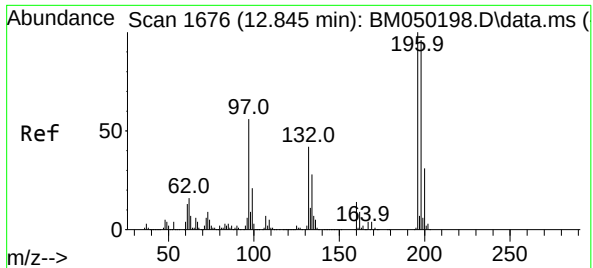


#42
2,4,6-Tribromophenol
Concen: 81.216 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



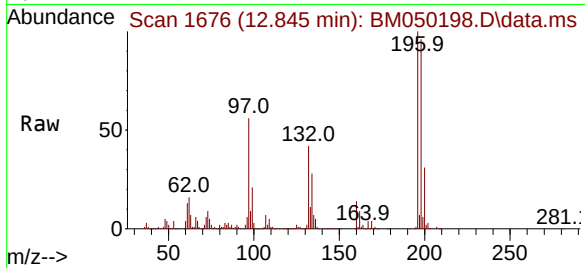
Tgt Ion:330 Resp: 756605
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 36.0 28.8 43.2





#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

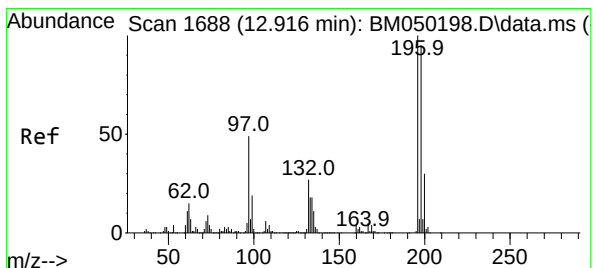
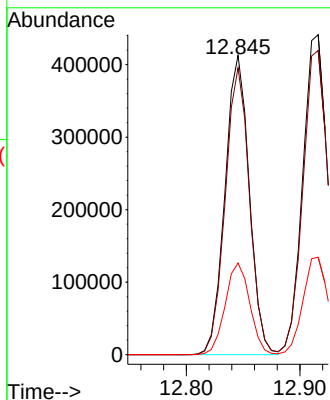
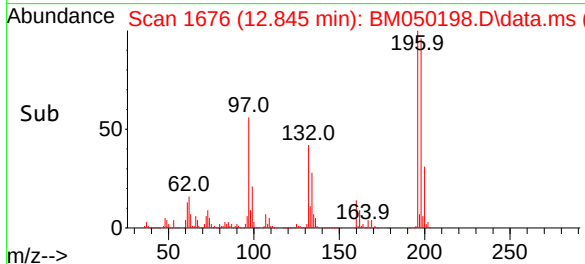
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

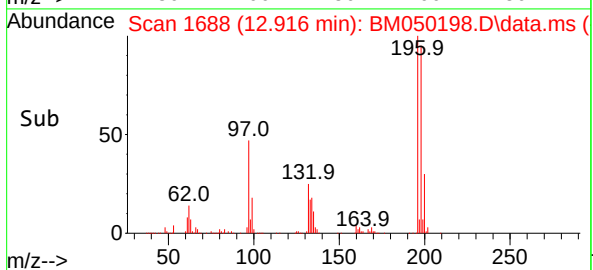
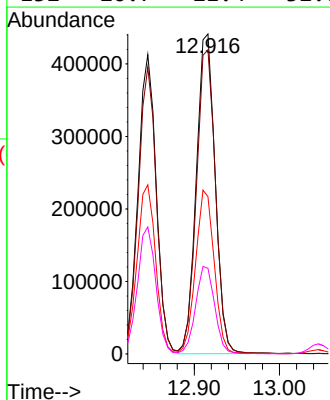
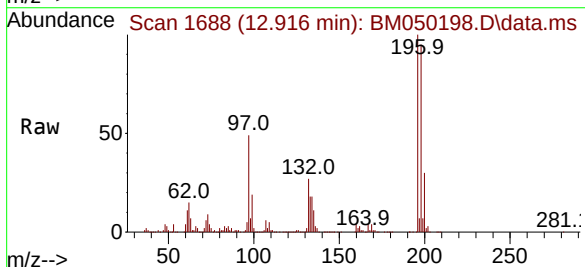
Manual Integrations
APPROVED

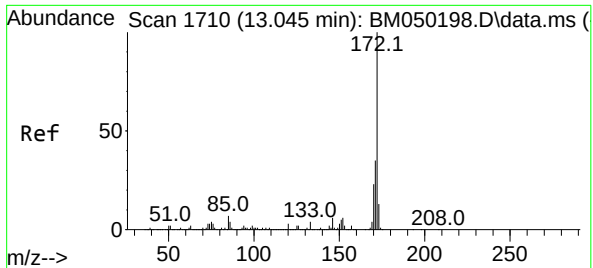
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

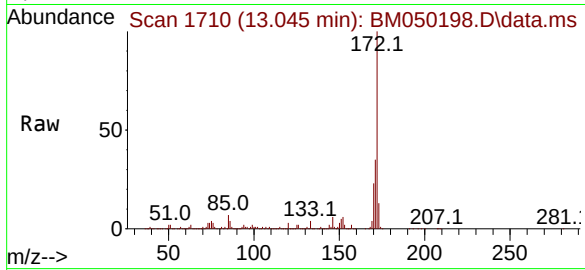
Tgt Ion:196 Resp: 678534
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 49.1 39.3 58.9
132 26.7 21.4 32.0





#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

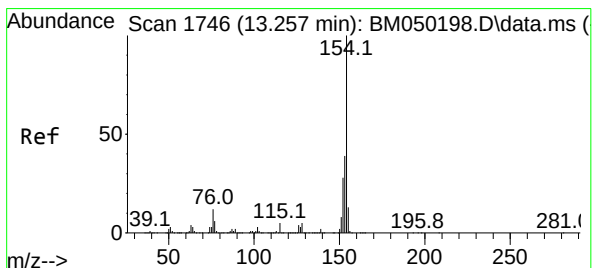
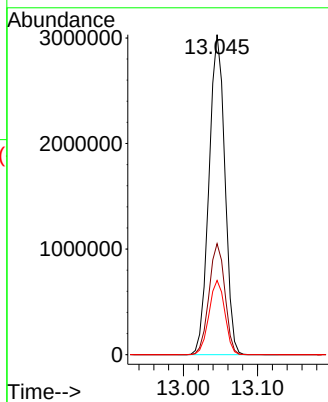
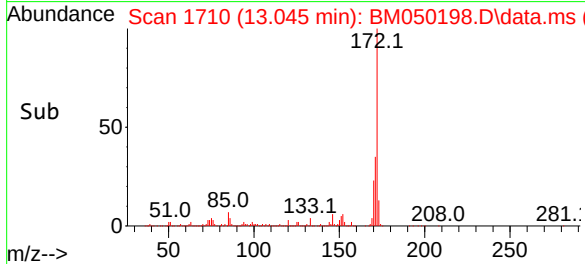
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 451086
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 27.8

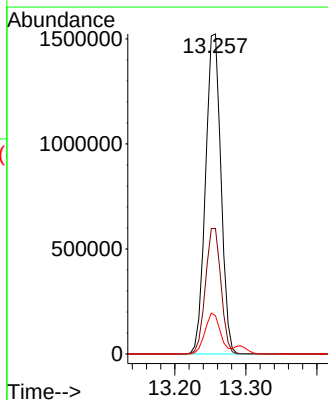
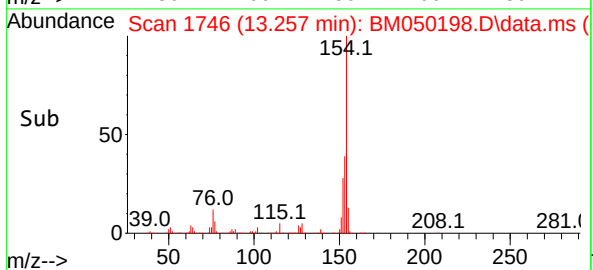
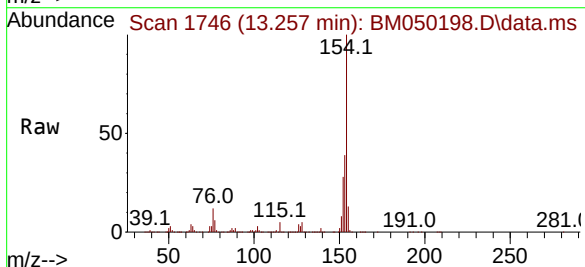
Manual Integrations
APPROVED

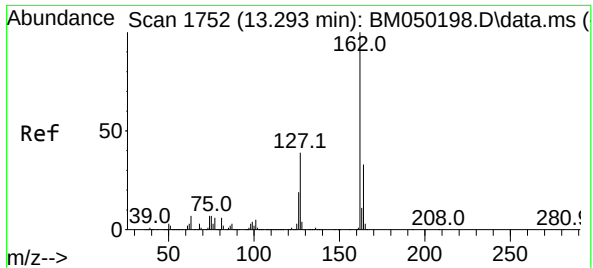
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

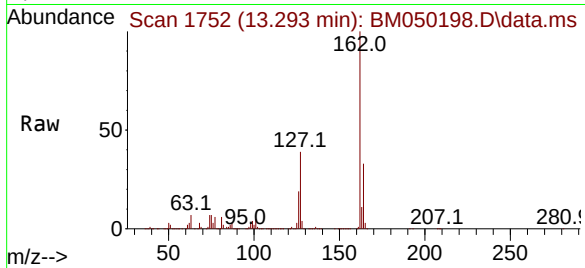
Tgt Ion:154 Resp: 2299241
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 12.0 0.0 32.0





#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

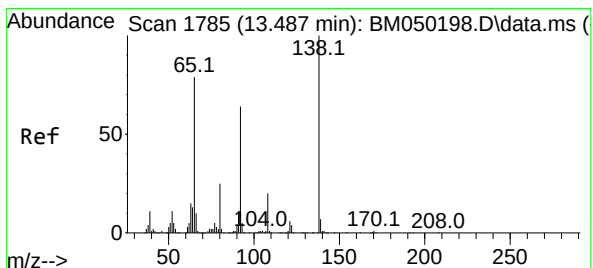
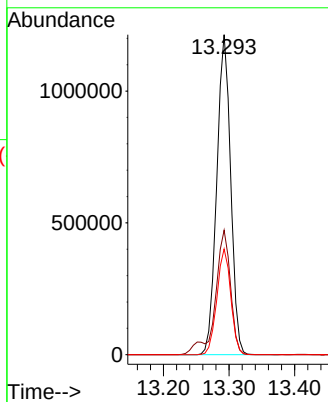
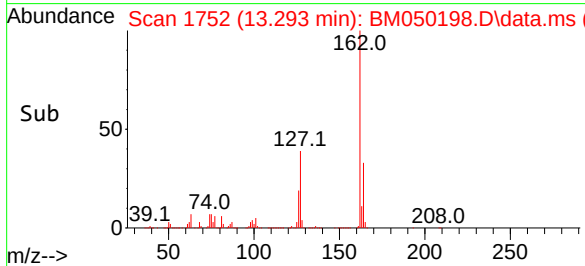
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

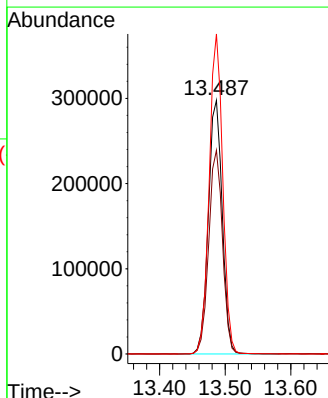
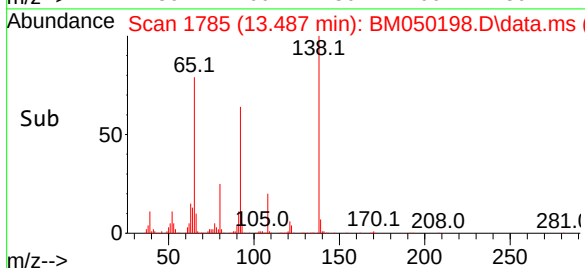
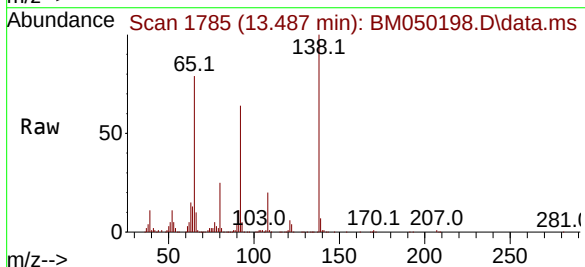
Manual Integrations
APPROVED

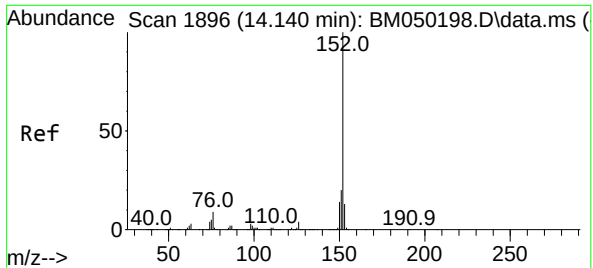
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

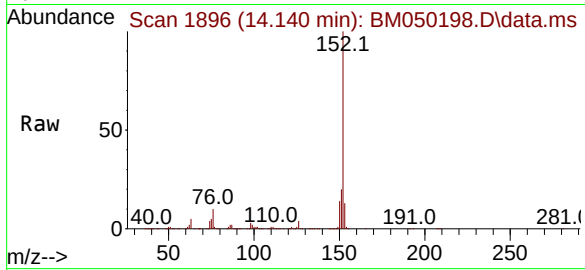
Tgt Ion: 65 Resp: 439212
Ion Ratio Lower Upper
65 100
92 80.3 64.2 96.4
138 126.2 101.0 151.4





#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

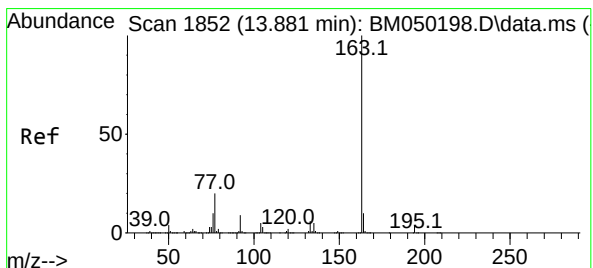
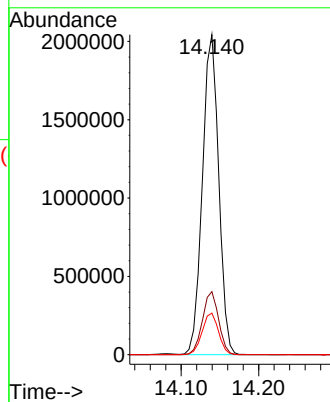
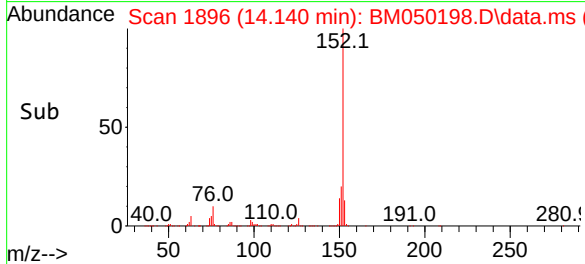
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

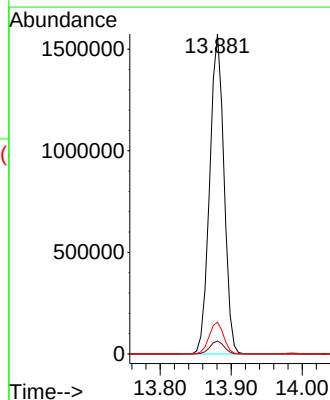
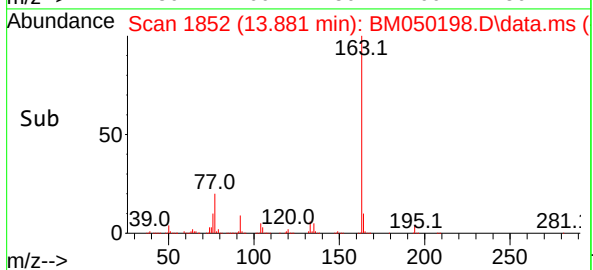
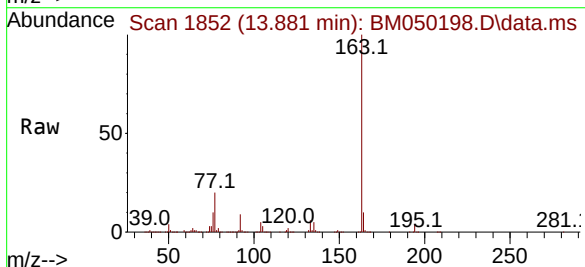
Manual Integrations
APPROVED

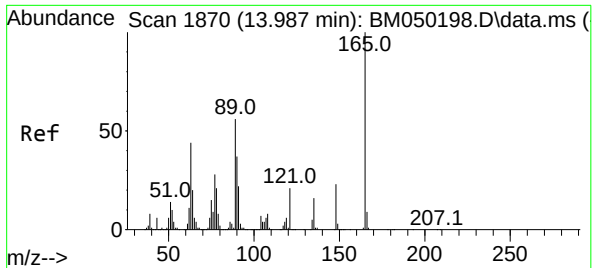
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

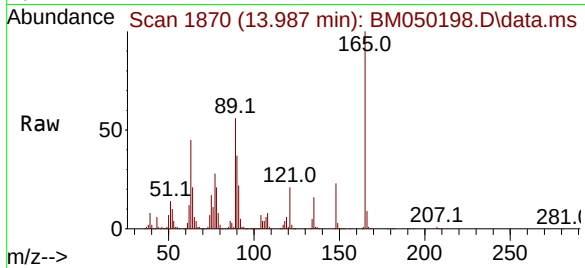
Tgt Ion:163 Resp: 2200039
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.9 11.9





#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

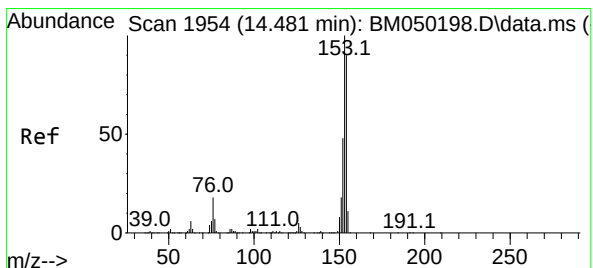
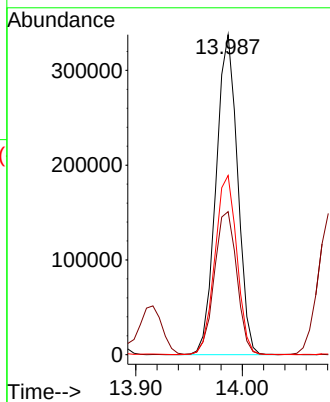
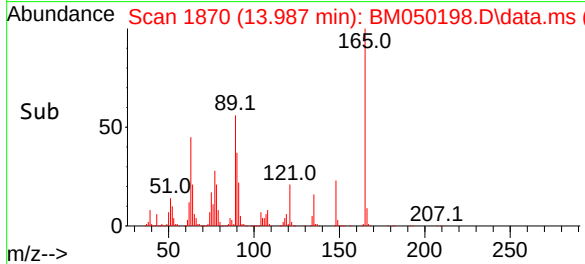
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

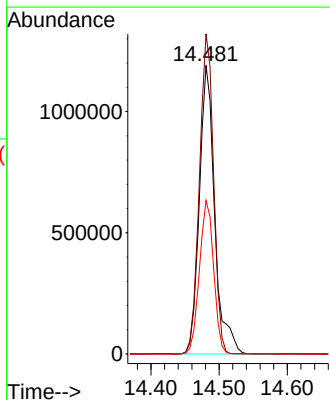
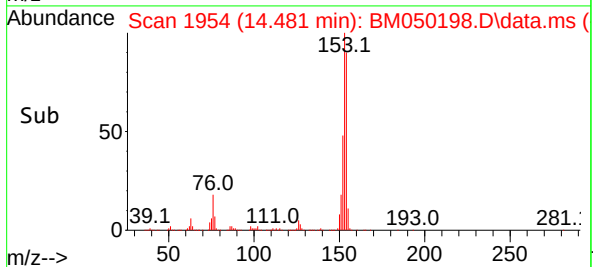
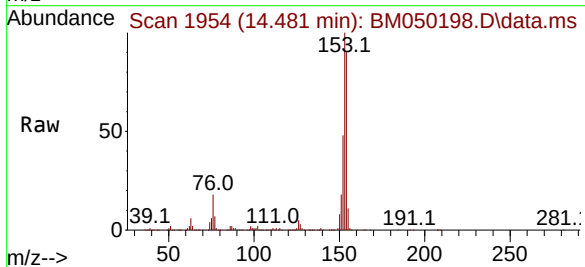
Manual Integrations
APPROVED

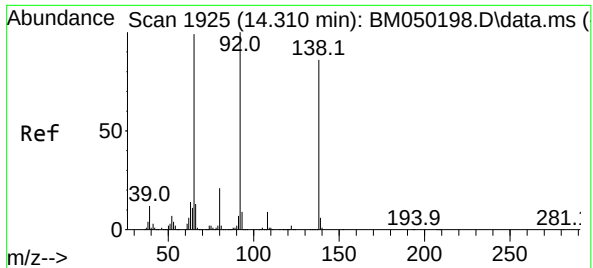
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

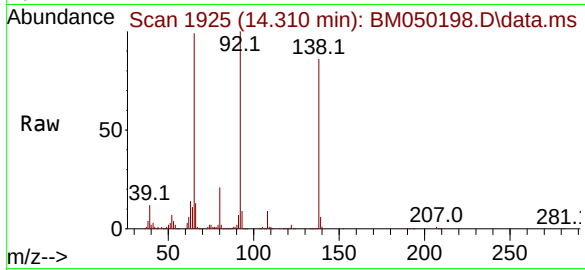
Tgt Ion:154 Resp: 1854951
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 53.2 42.6 63.8





#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

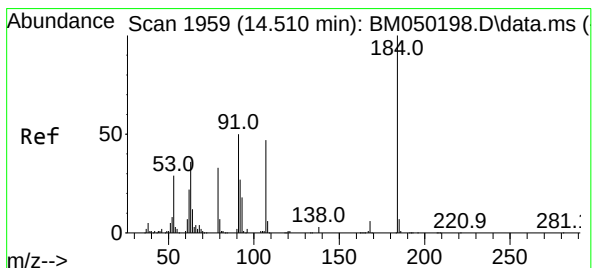
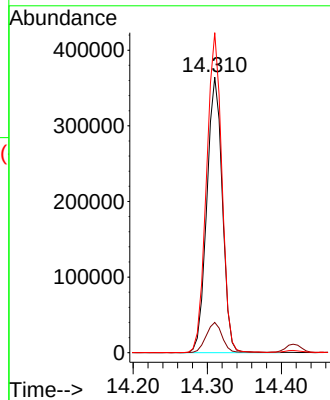
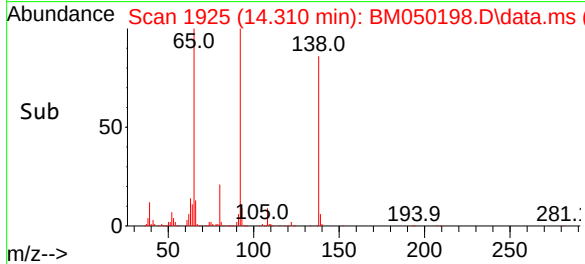
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

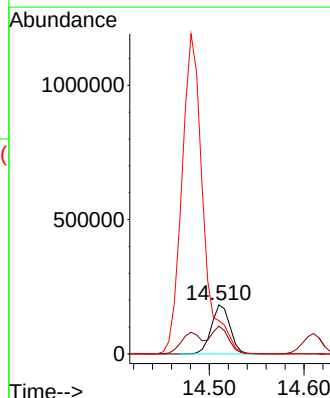
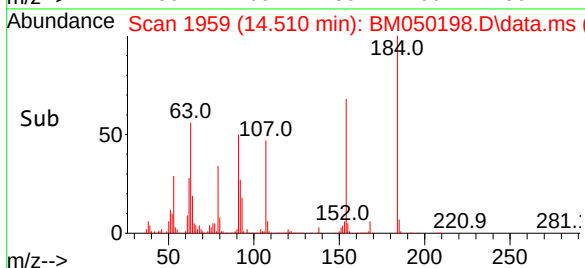
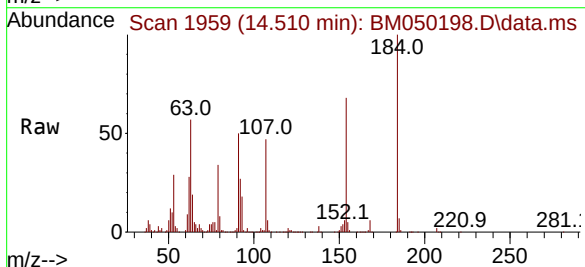
Manual Integrations
APPROVED

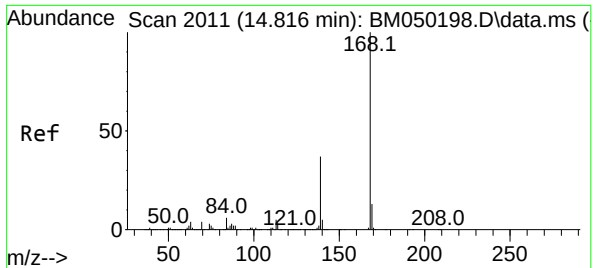
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

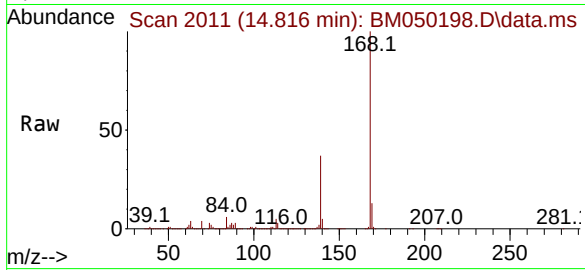
Tgt Ion:184 Resp: 249778
Ion Ratio Lower Upper
184 100
63 56.6 45.3 67.9
154 67.9 54.3 81.5





#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

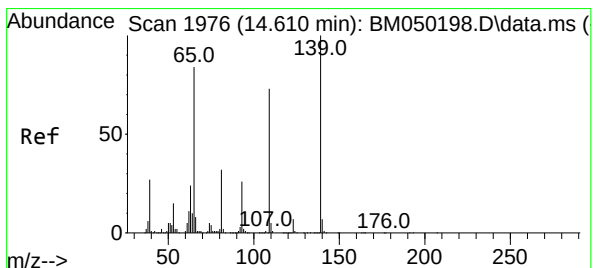
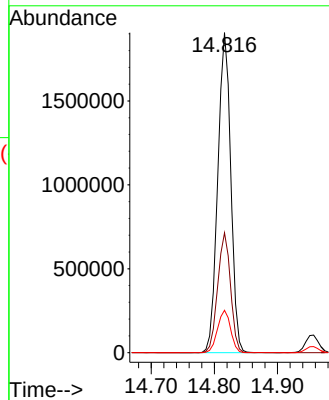
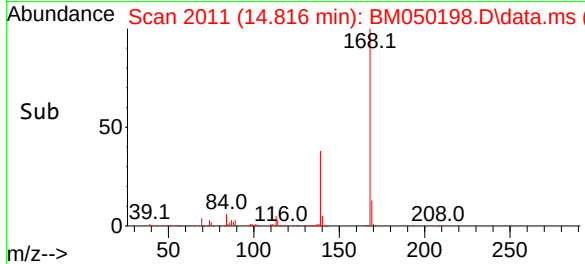
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

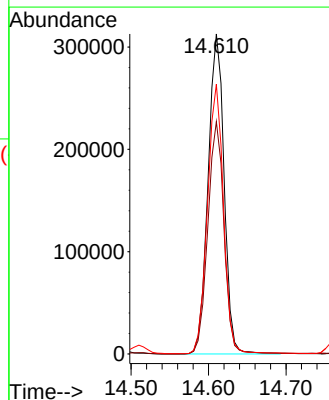
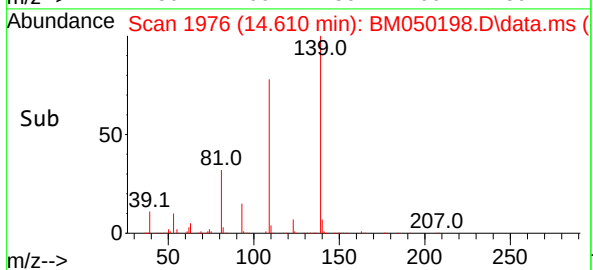
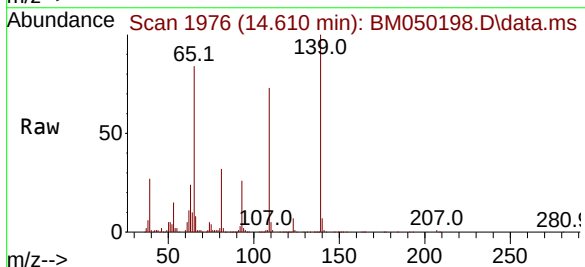
Manual Integrations
APPROVED

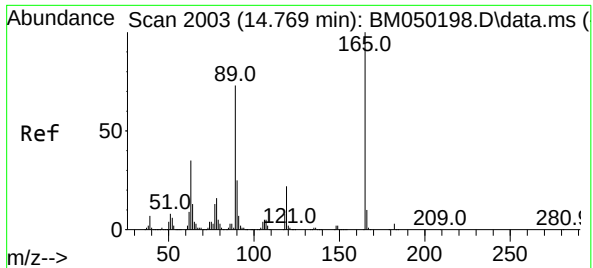
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

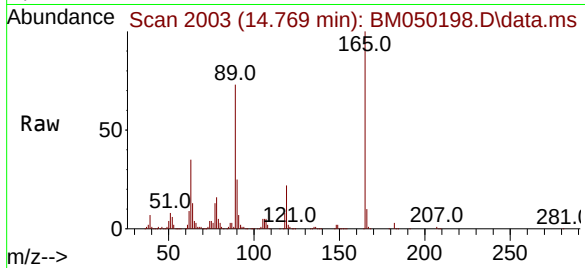
Tgt Ion:139 Resp: 449268
Ion Ratio Lower Upper
139 100
109 72.6 52.6 92.6
65 84.3 64.3 104.3





#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

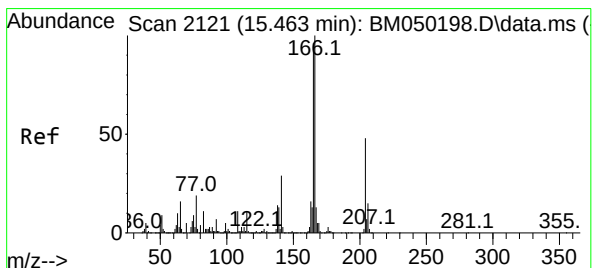
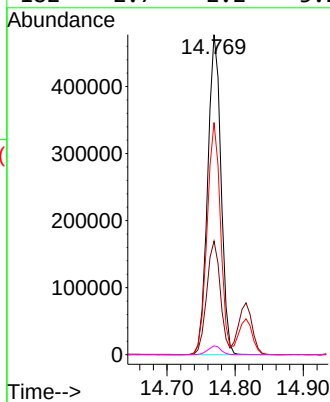
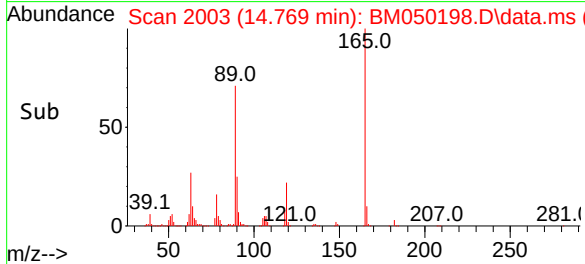
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

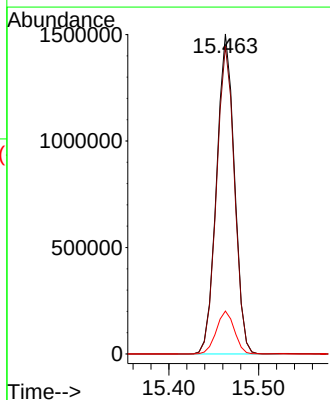
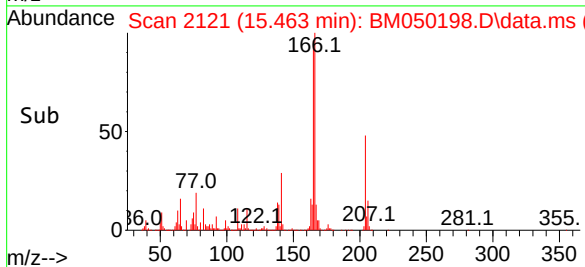
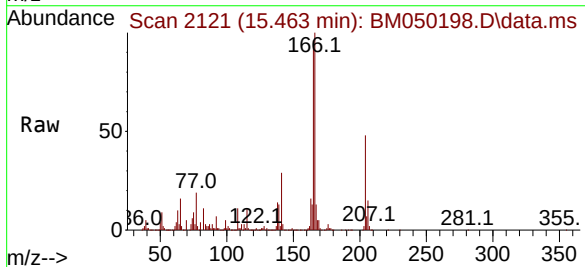
Manual Integrations
APPROVED

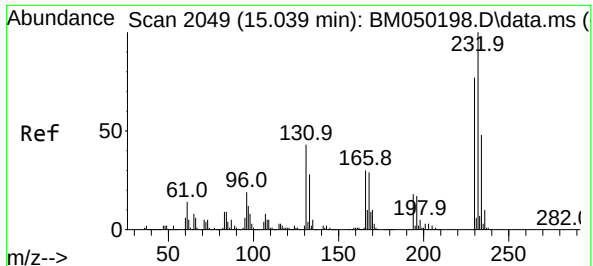
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

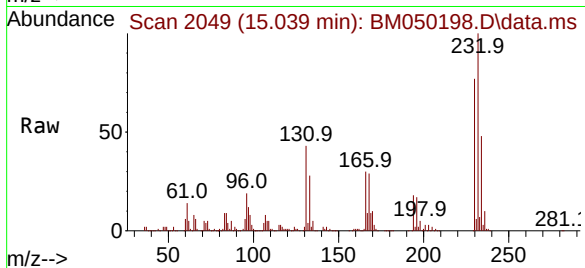
Tgt Ion:166 Resp: 2075880
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.4 10.7 16.1





#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

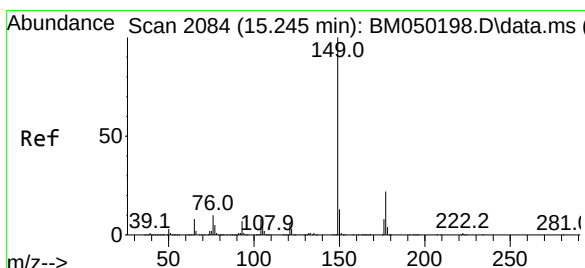
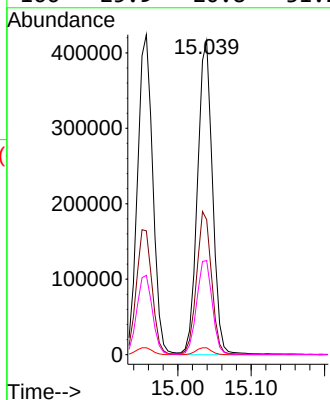
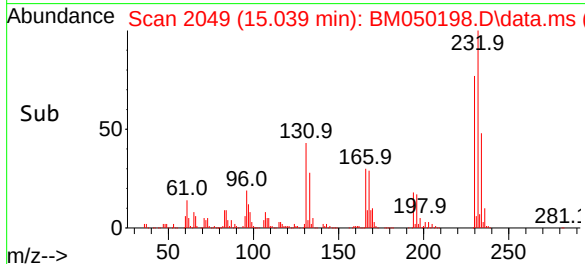
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



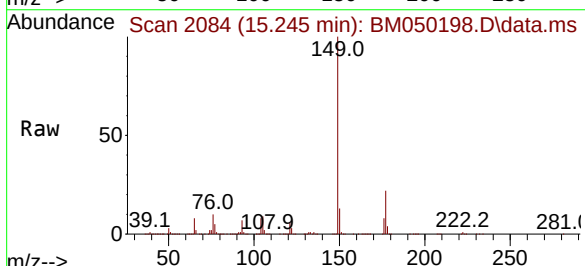
Tgt Ion:232 Resp: 597490
Ion Ratio Lower Upper
232 100
131 40.9 32.9 49.3
130 2.3 1.8 2.8
166 25.9 20.8 31.2

Manual Integrations
APPROVED

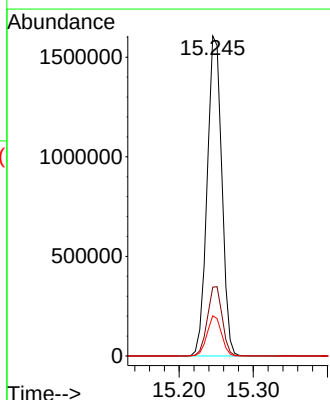
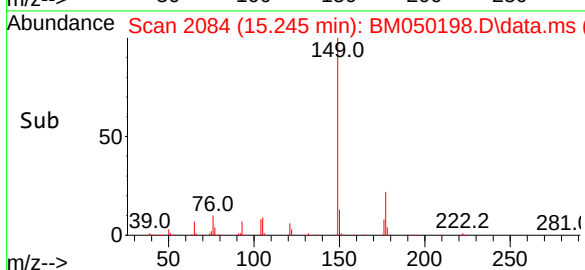
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

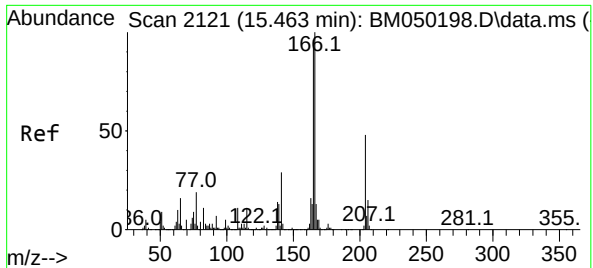


#60
Diethylphthalate
Concen: 40.130 ng
RT: 15.245 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57



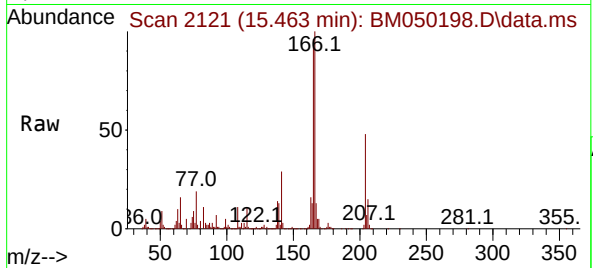
Tgt Ion:149 Resp: 2205514
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.0 15.0





#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

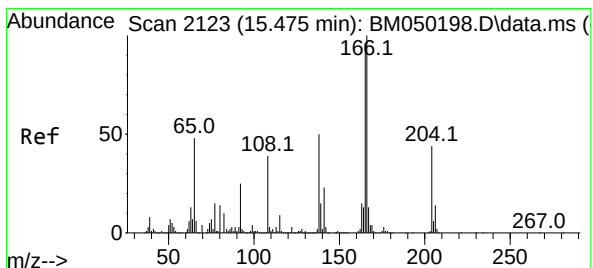
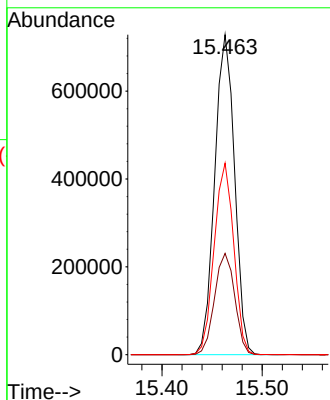
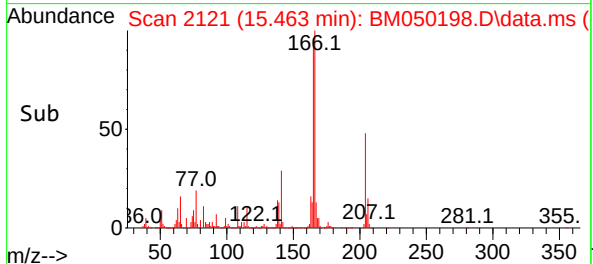
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

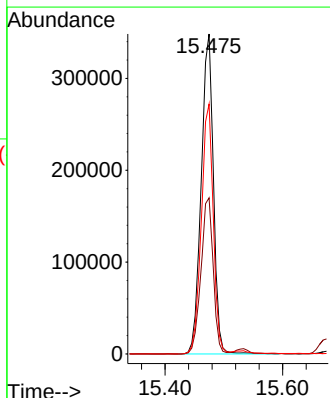
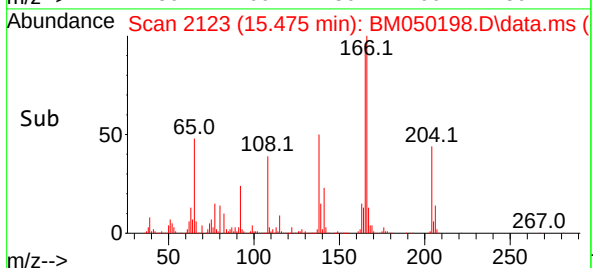
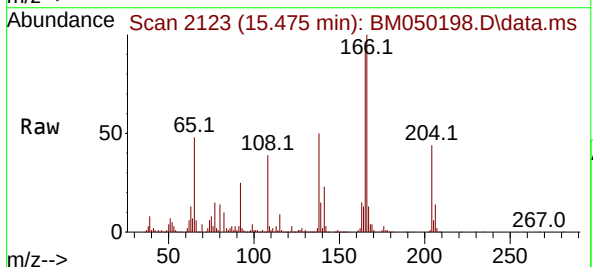
Manual Integrations
APPROVED

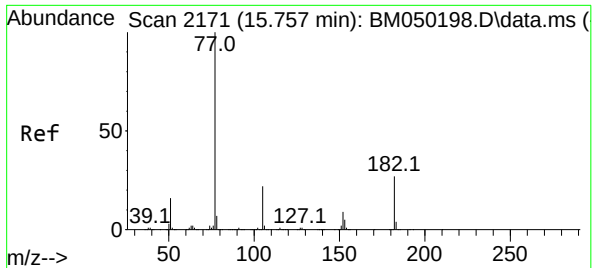
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

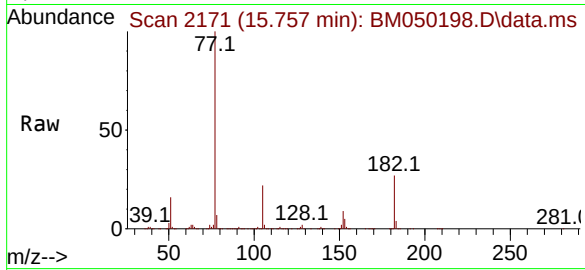
Tgt Ion:138 Resp: 503785
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 78.1 58.1 98.1





#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

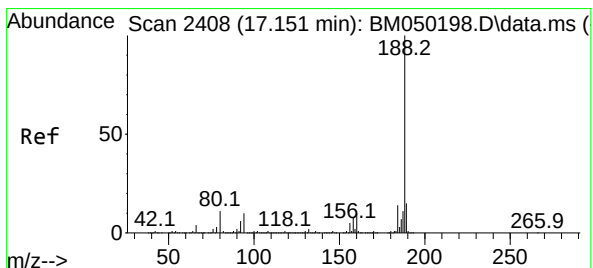
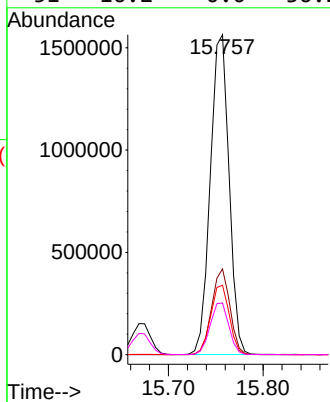
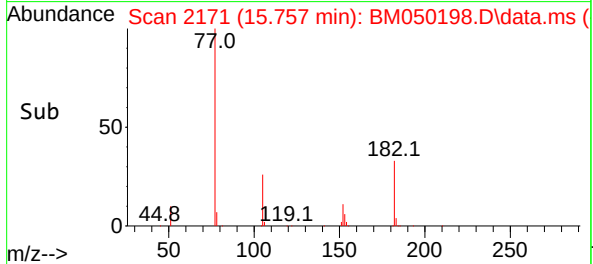
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

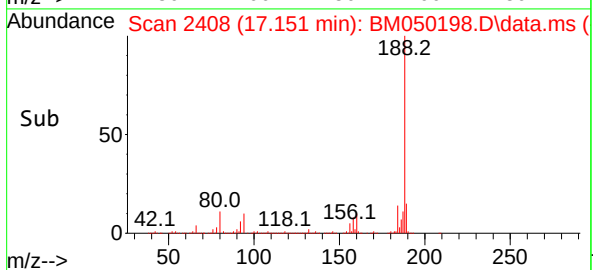
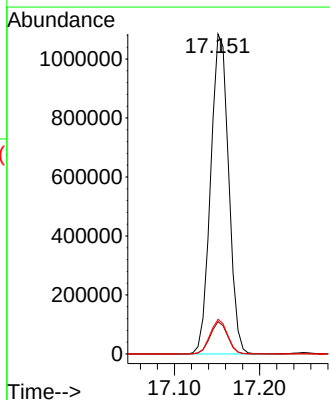
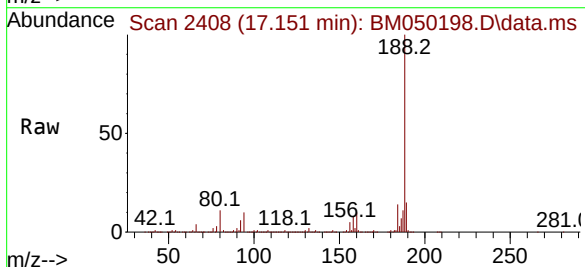
Manual Integrations
APPROVED

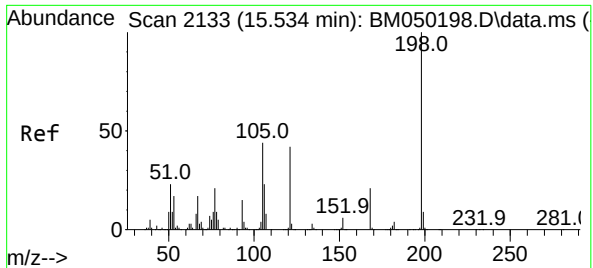
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

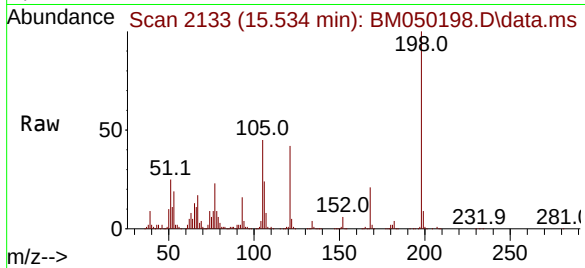
Tgt Ion:188 Resp: 1590674
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.8 8.6 13.0





#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

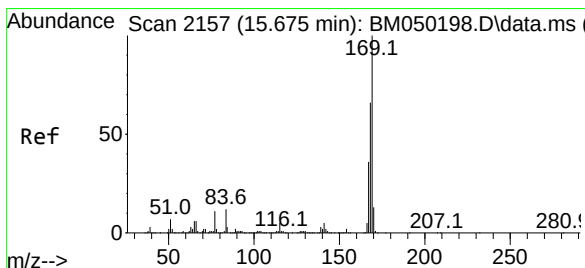
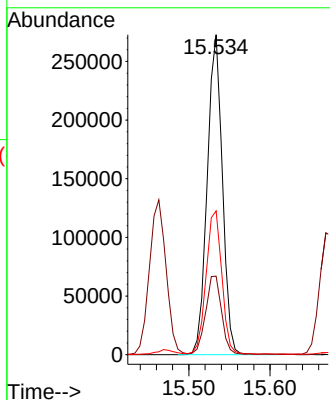
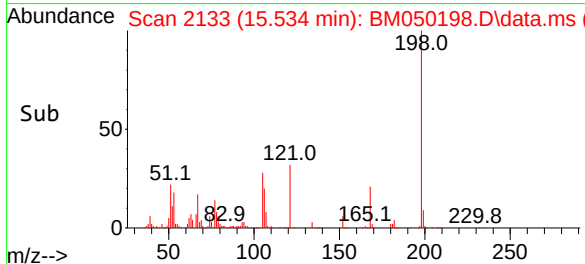
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

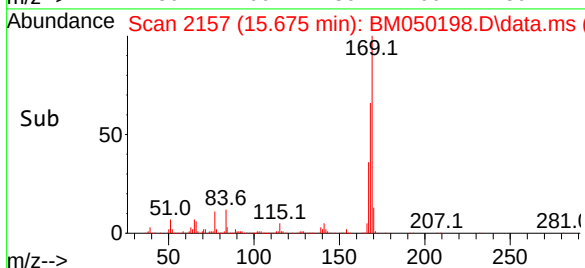
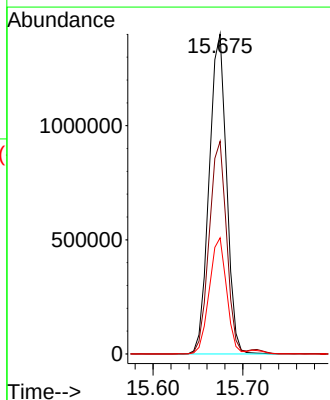
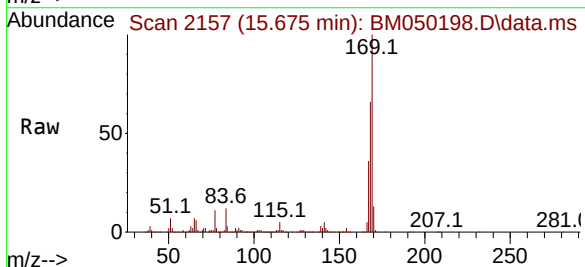
Manual Integrations
APPROVED

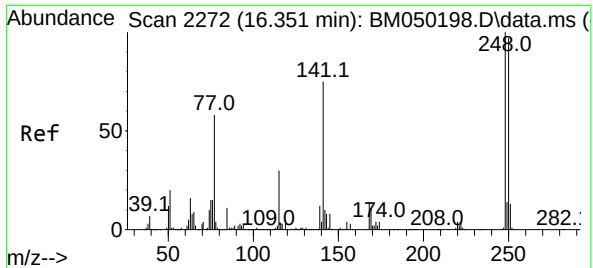
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

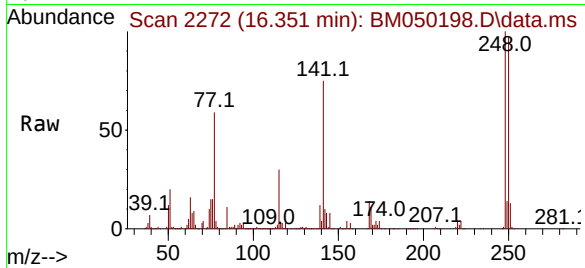
Tgt Ion:169 Resp: 1888442
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 29.0 43.6





#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

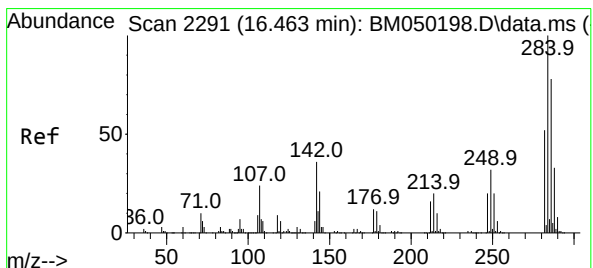
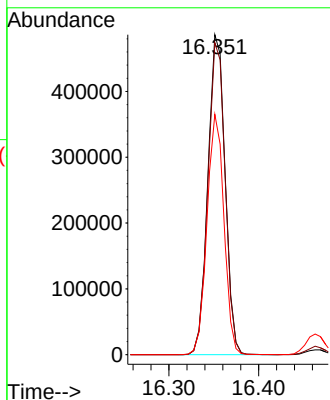
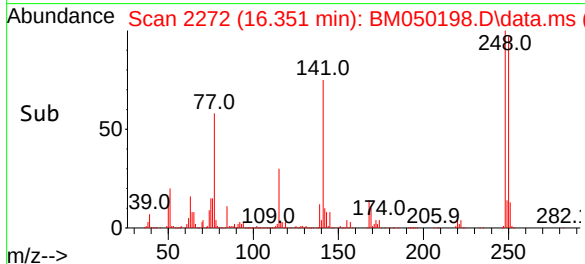
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

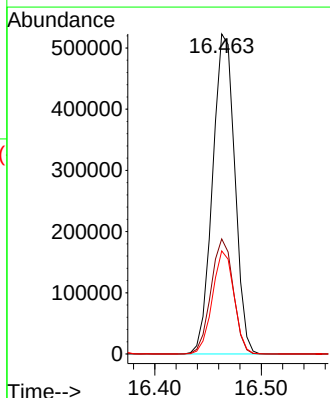
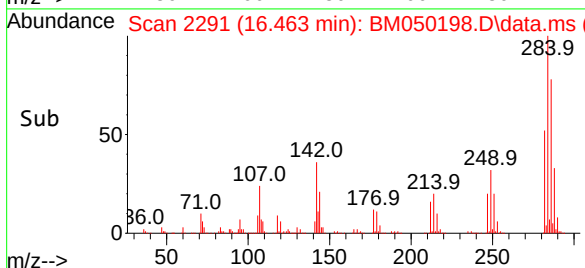
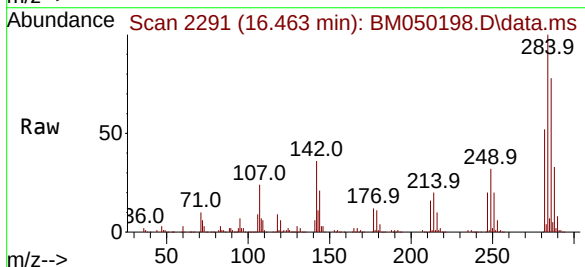
Manual Integrations
APPROVED

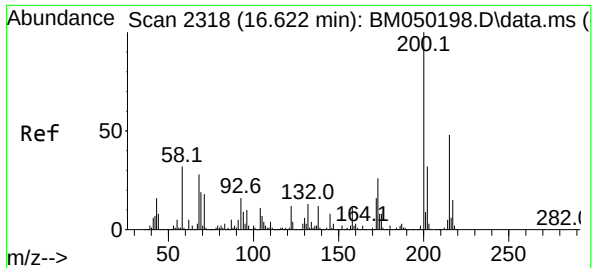
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

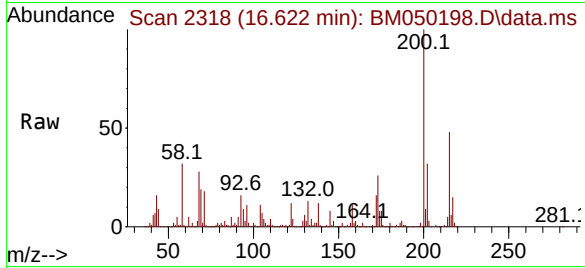
Tgt Ion:284 Resp: 755736
Ion Ratio Lower Upper
284 100
142 36.0 28.8 43.2
249 32.2 25.8 38.6





#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

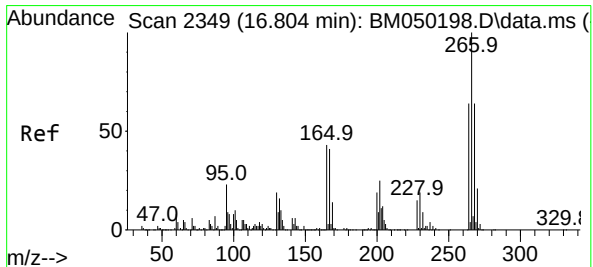
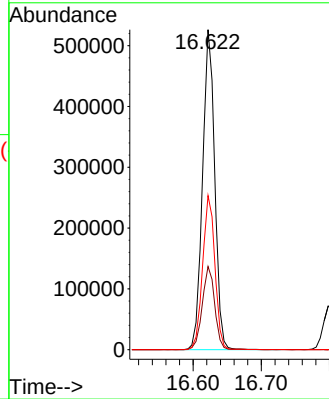
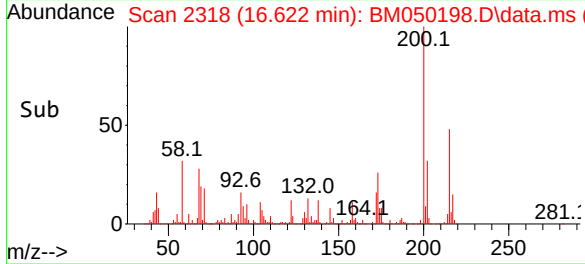
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

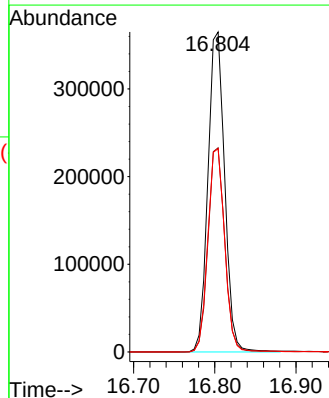
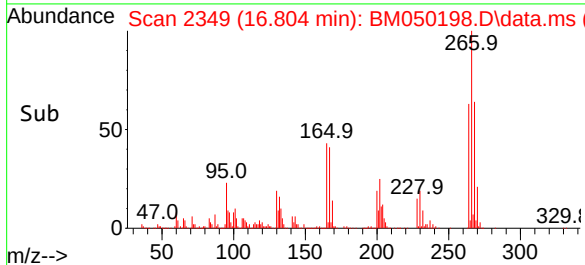
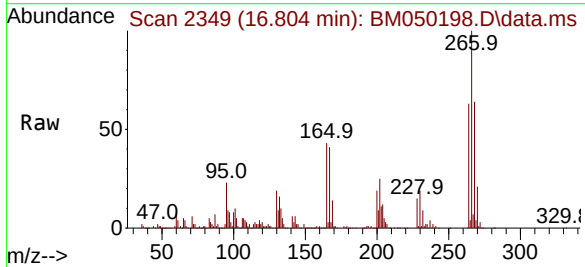
Manual Integrations
APPROVED

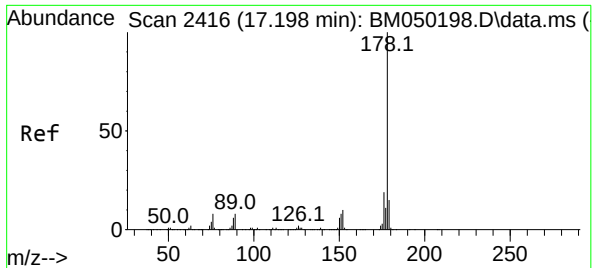
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

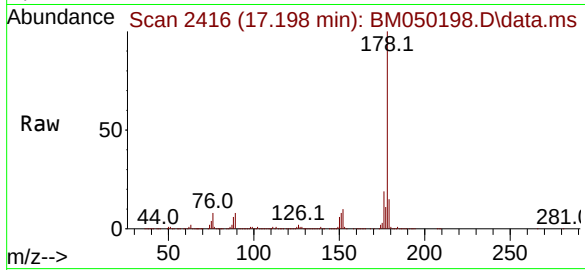
Tgt Ion:266 Resp: 520982
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 63.5 50.8 76.2





#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

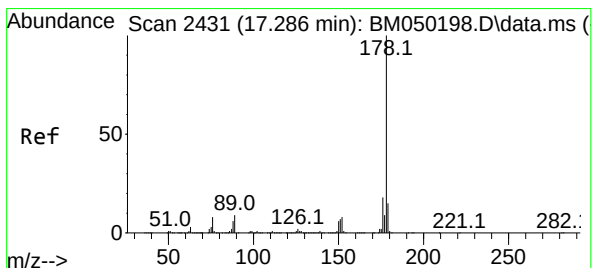
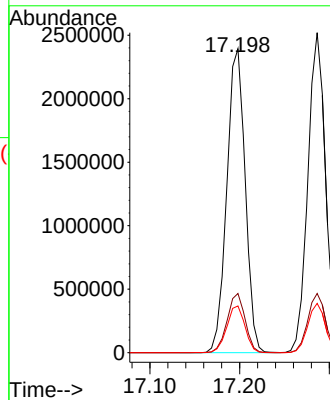
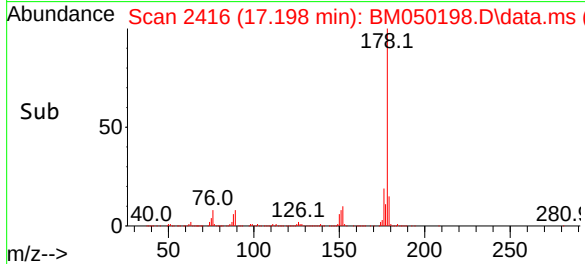
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

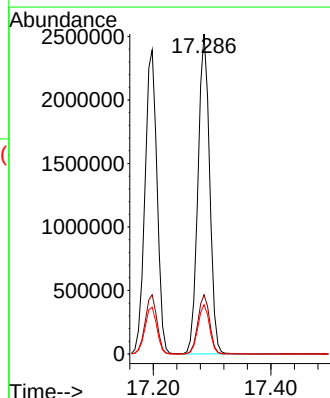
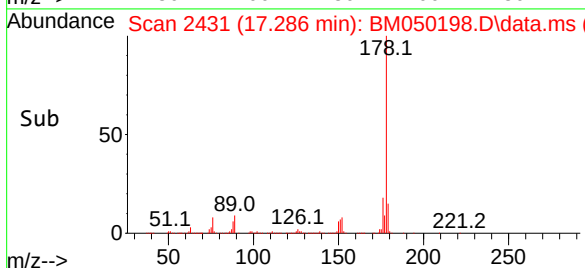
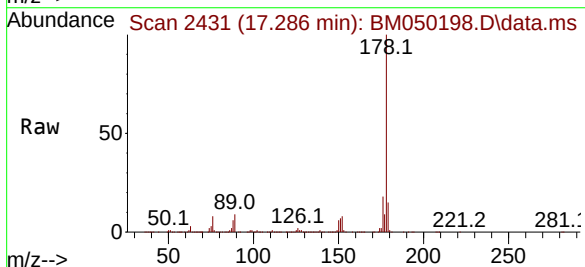
Manual Integrations
APPROVED

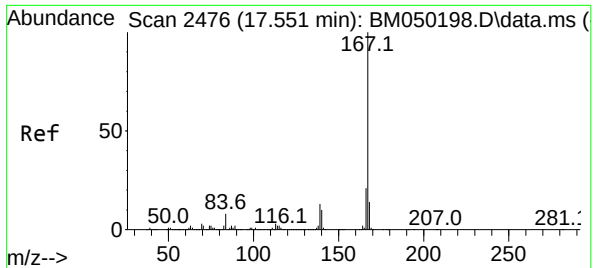
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

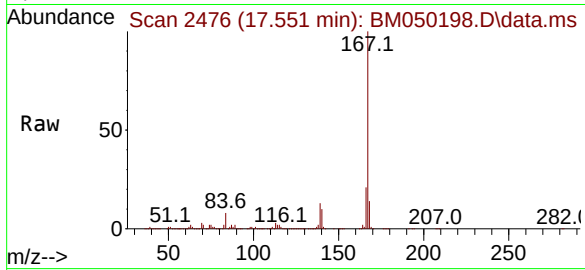
Tgt Ion:178 Resp: 3455118
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.3 18.5





#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

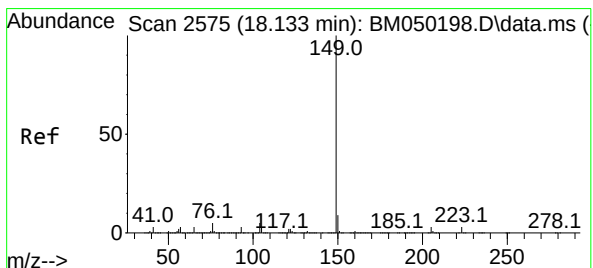
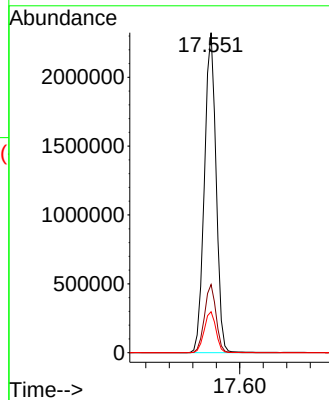
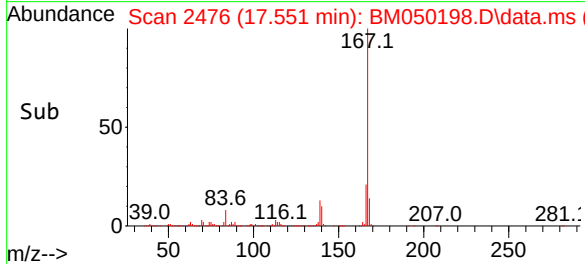
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

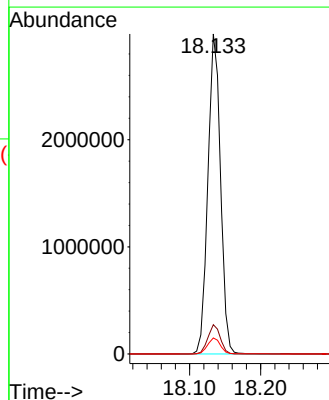
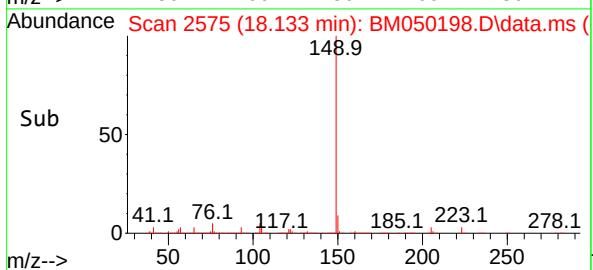
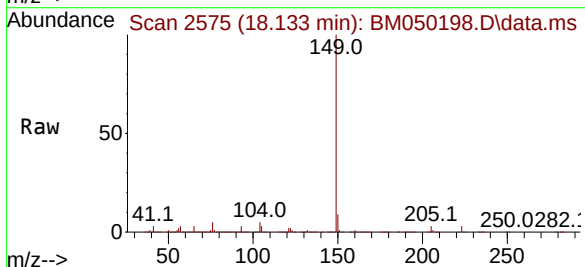
Manual Integrations
APPROVED

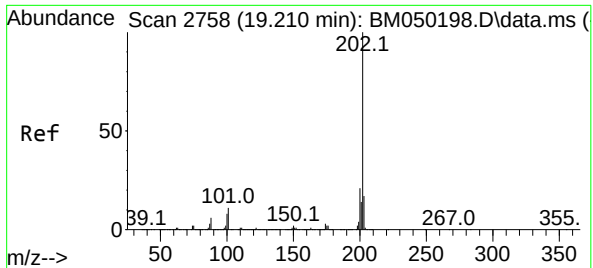
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

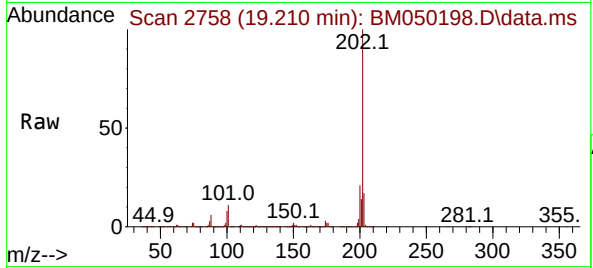
Tgt Ion:149 Resp: 3688687
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.0 6.0





#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

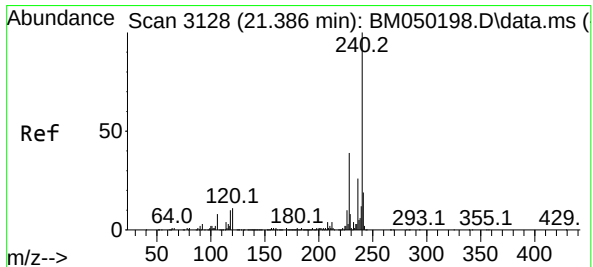
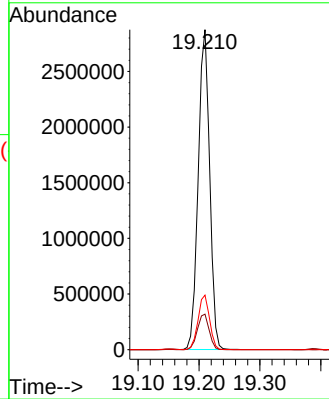
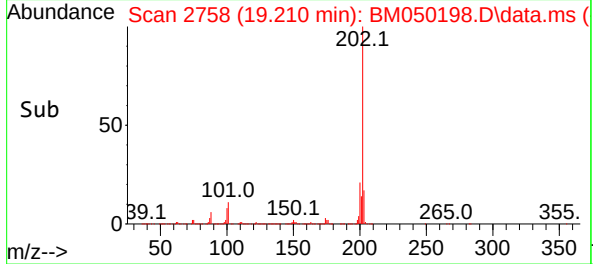
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

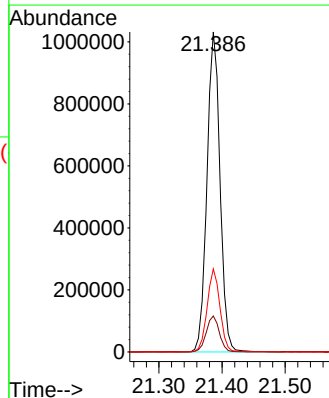
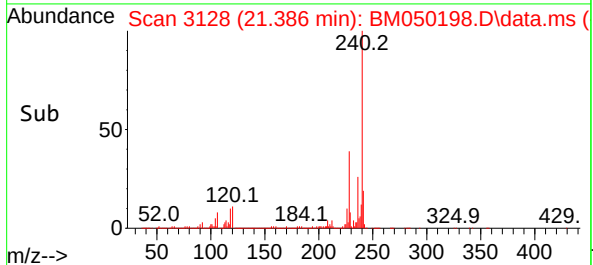
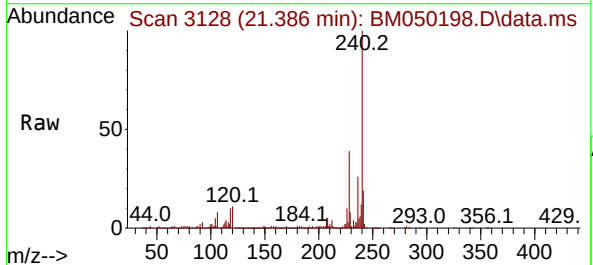
Manual Integrations
APPROVED

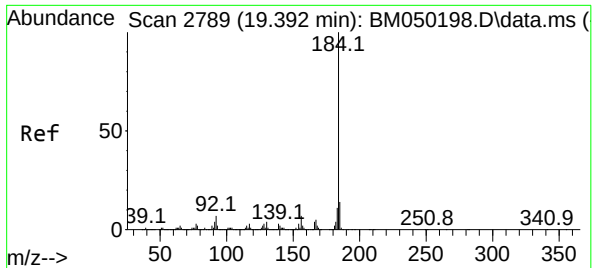
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

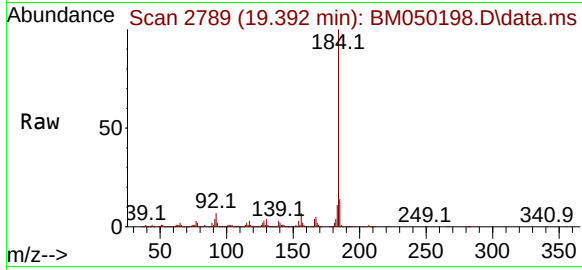
Tgt Ion:240 Resp: 1484493
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.7 31.1





#77
Benzidine
Concen: 43.865 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

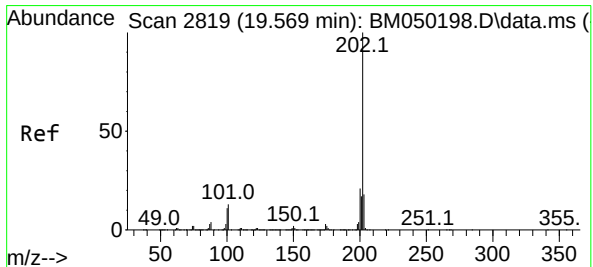
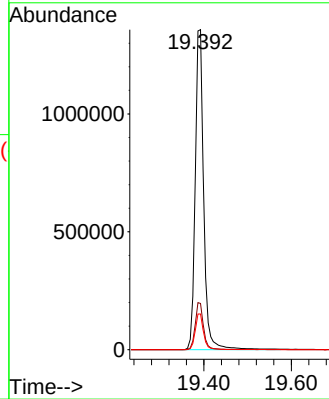
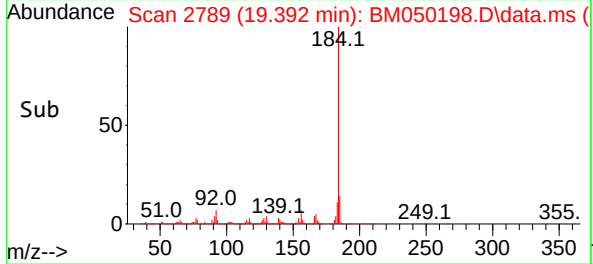
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

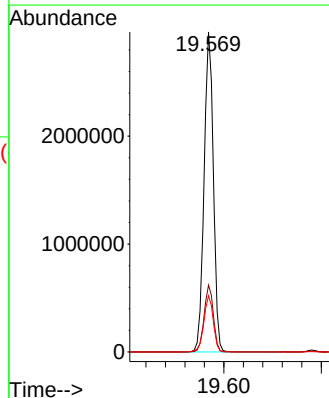
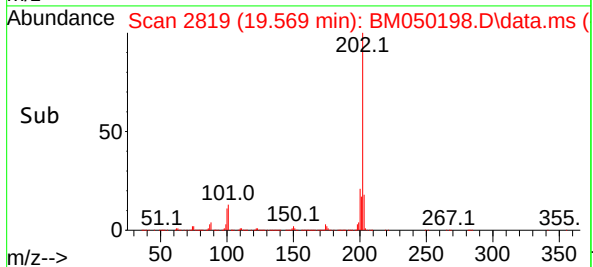
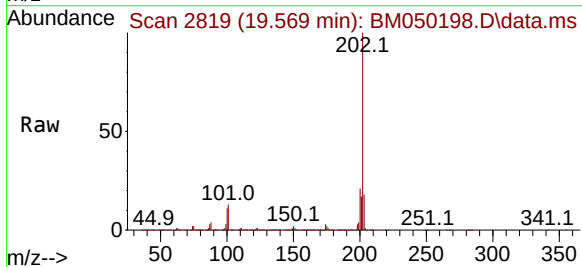
Manual Integrations
APPROVED

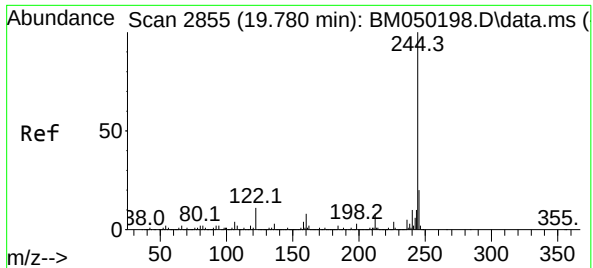
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

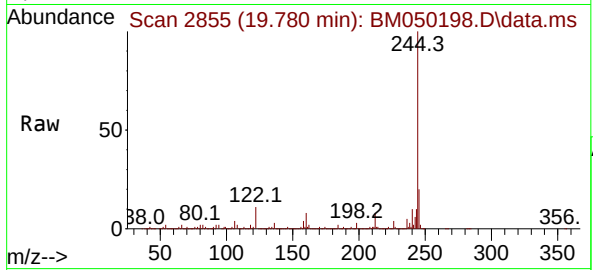
Tgt Ion:202 Resp: 3930978
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#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

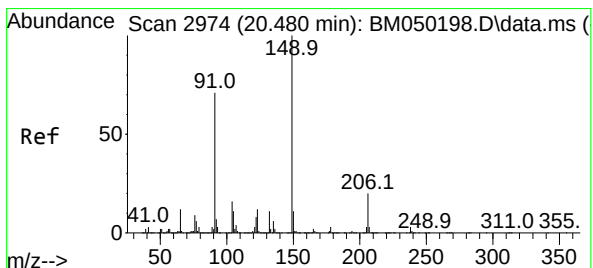
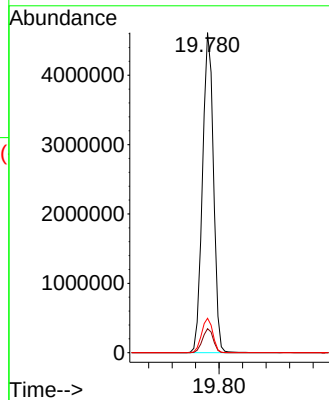
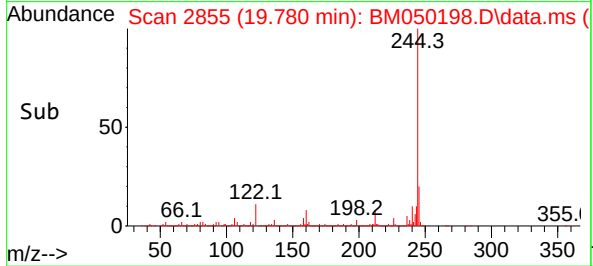
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

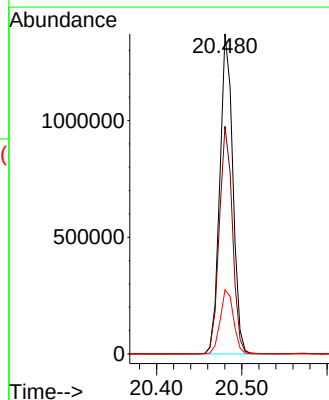
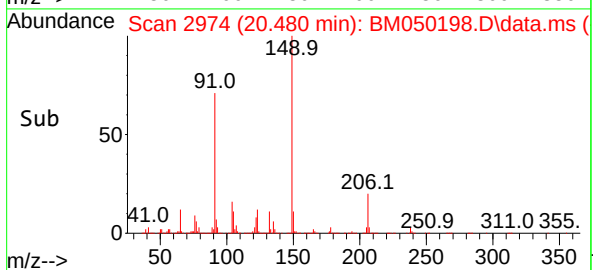
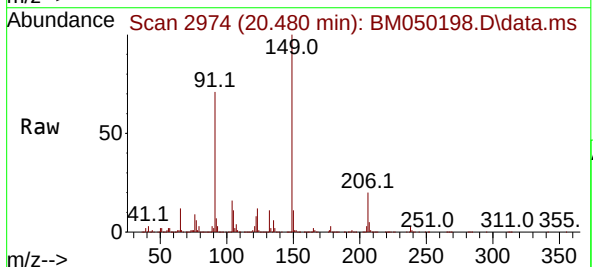
Manual Integrations
APPROVED

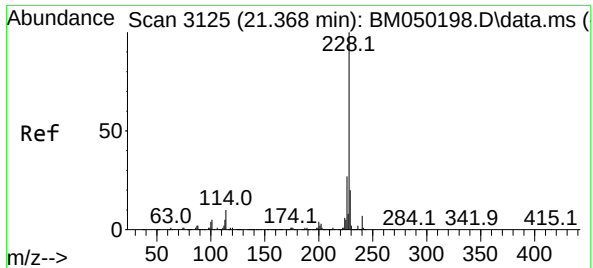
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

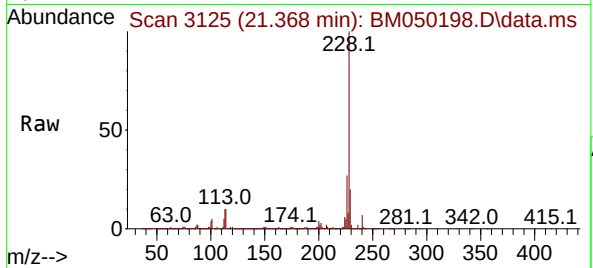
Tgt Ion:149 Resp: 1455291
Ion Ratio Lower Upper
149 100
91 71.1 56.9 85.3
206 20.1 16.1 24.1





#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

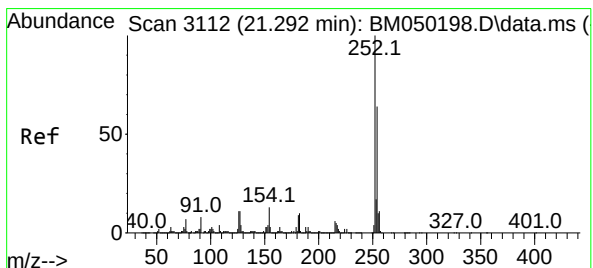
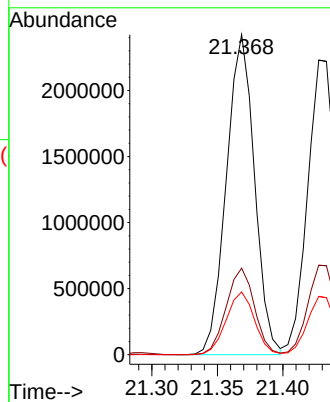
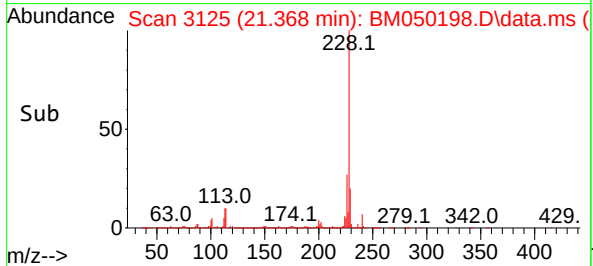
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

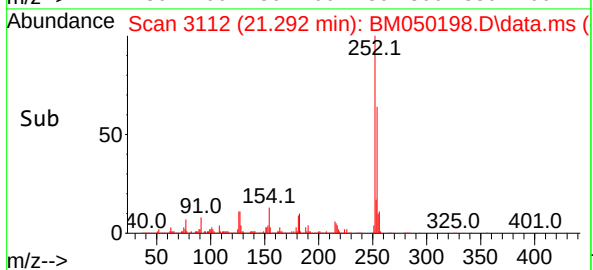
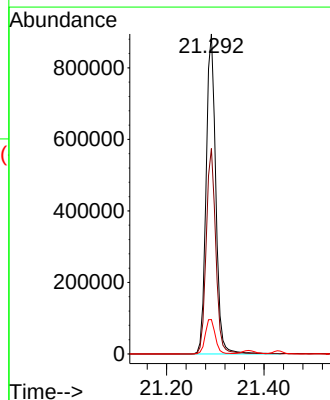
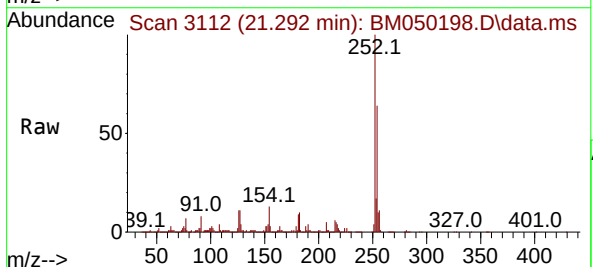
Manual Integrations
APPROVED

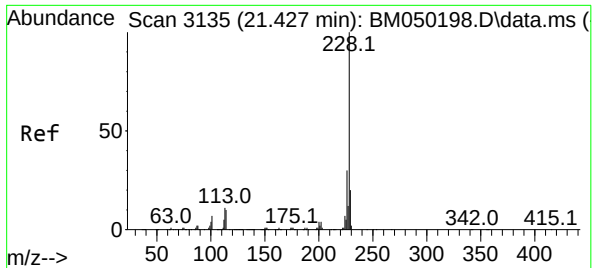
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

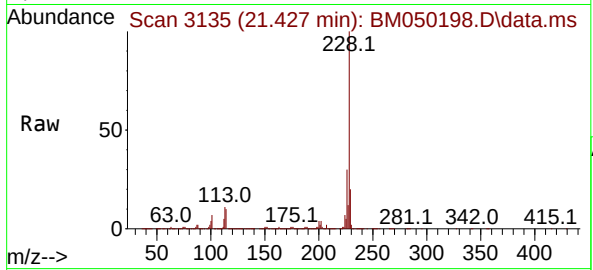
Tgt Ion:252 Resp: 1232348
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 10.7 8.6 12.8





#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

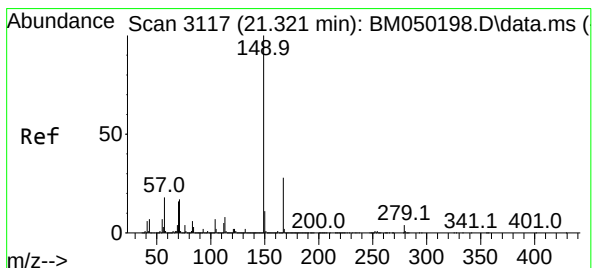
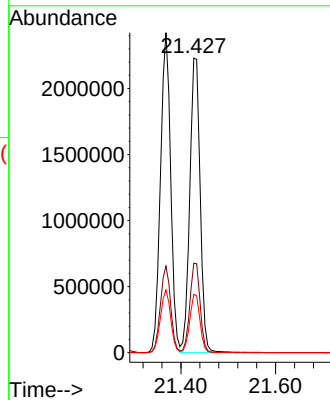
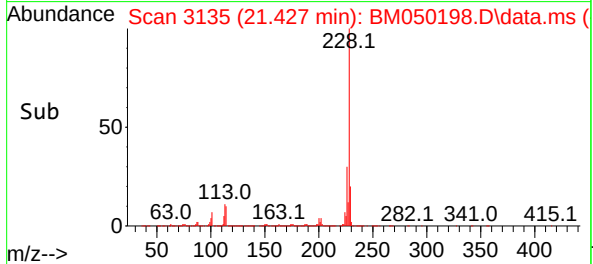
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

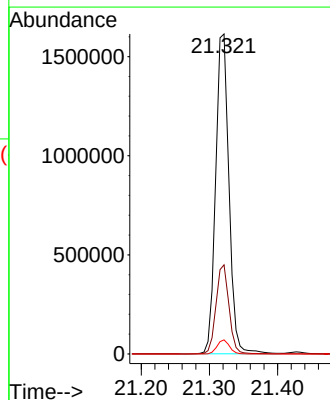
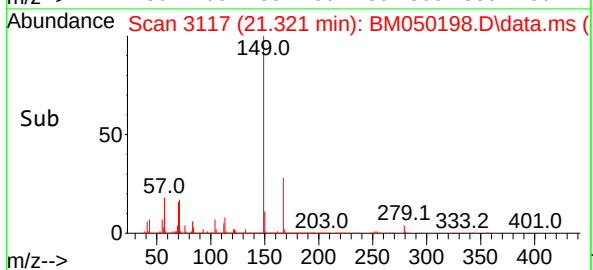
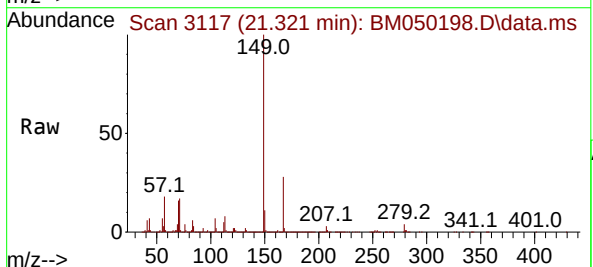
Manual Integrations
APPROVED

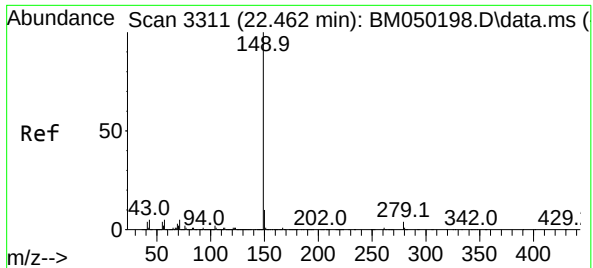
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#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

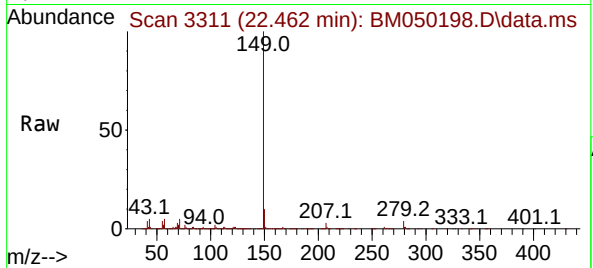
Tgt Ion:149 Resp: 2198448
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.4 3.5 5.3





#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

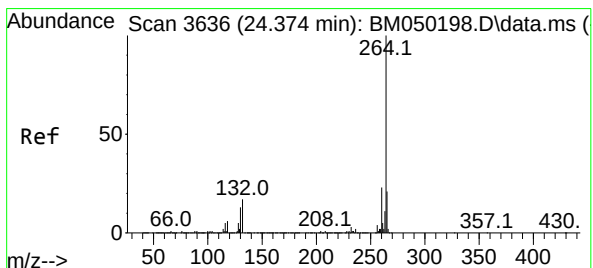
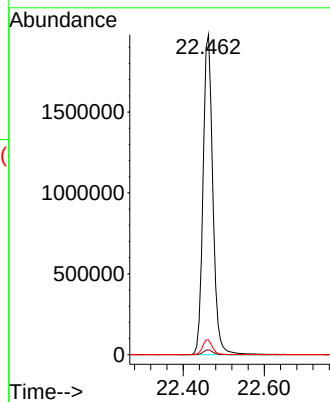
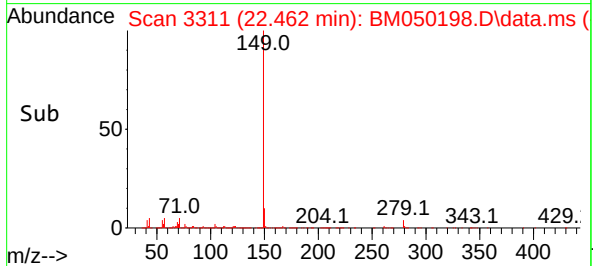
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

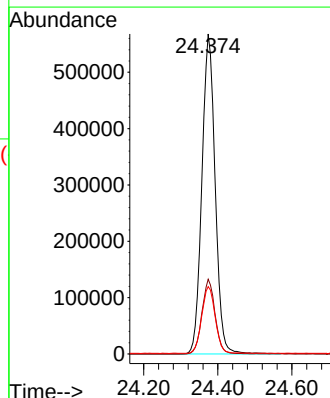
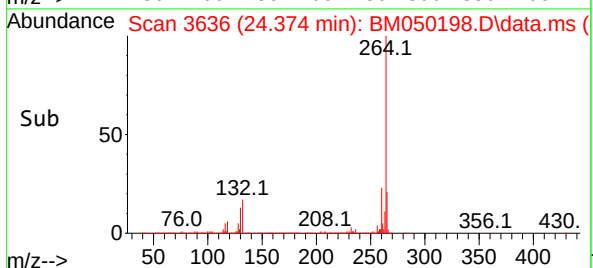
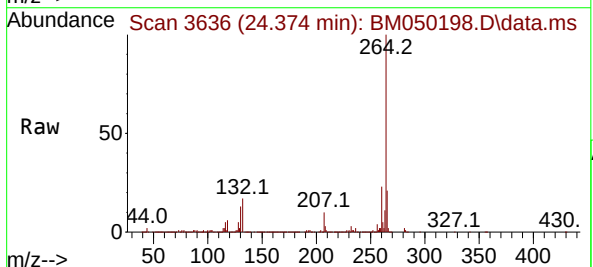
Manual Integrations
APPROVED

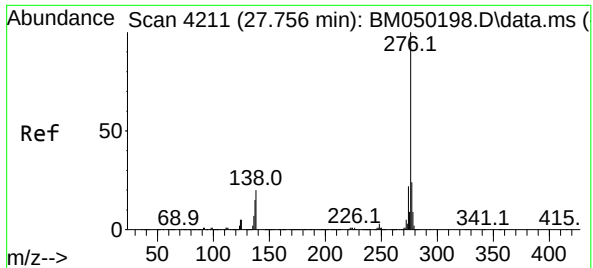
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM050198.D
Acq: 05 Jun 2025 11:57

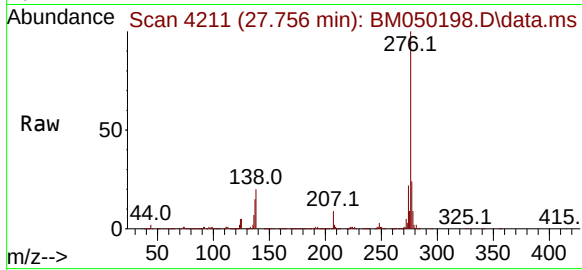
Tgt Ion:264 Resp: 1410376
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.0 16.8 25.2





#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

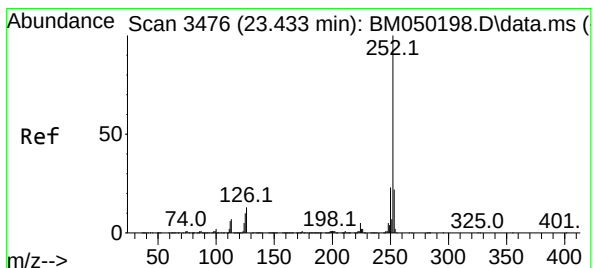
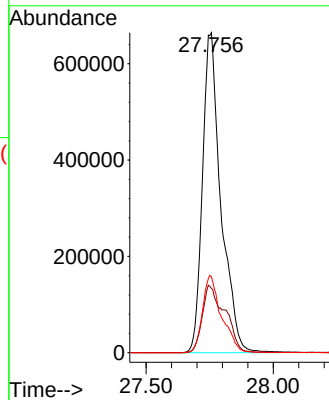
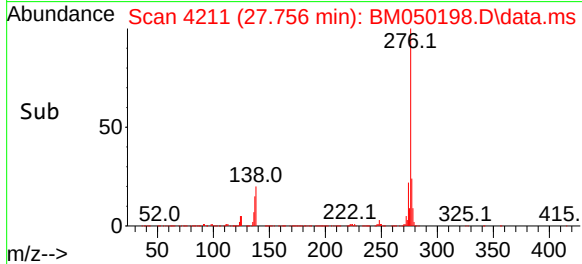
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040



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

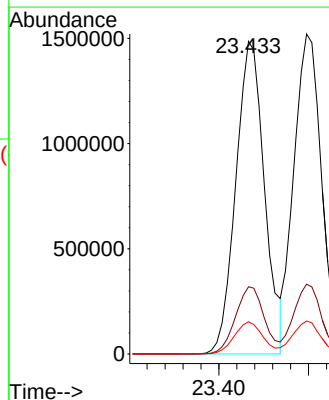
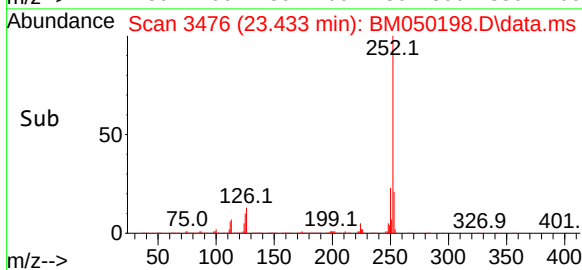
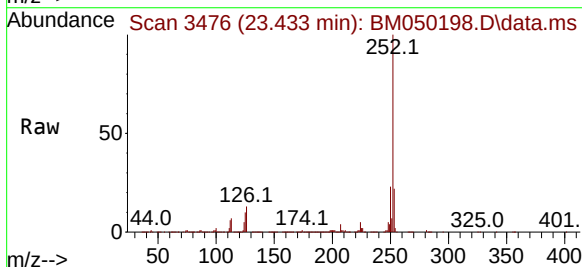
Manual Integrations
 APPROVED

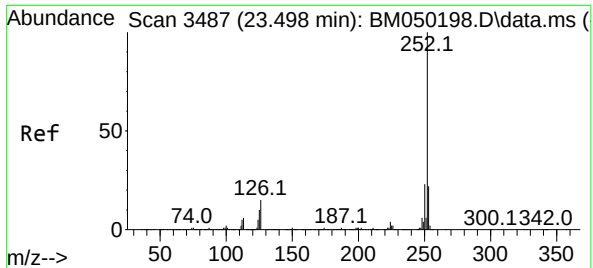
Reviewed By :Rahul Chavli 06/05/2025
 Supervised By :Jagrut Upadhyay 06/06/2025



#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

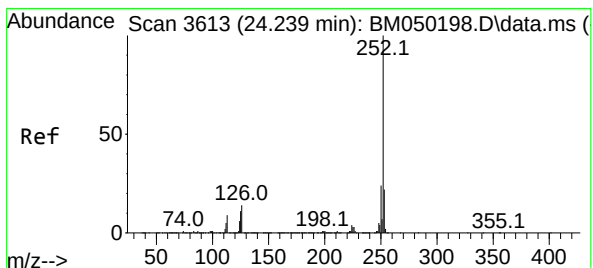
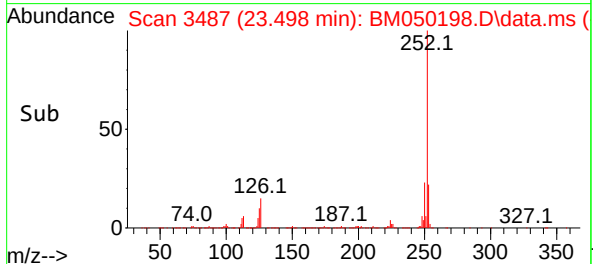
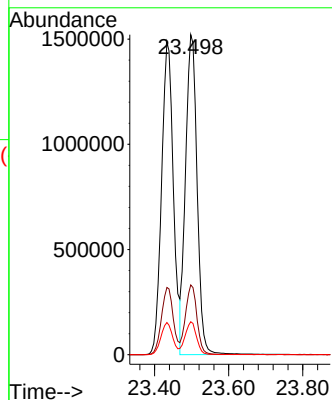
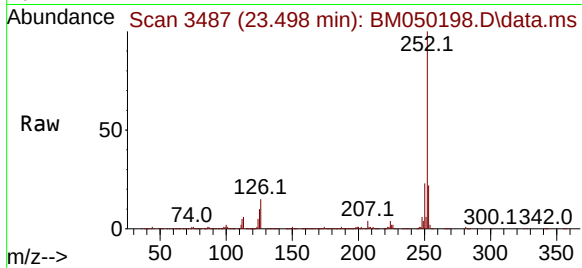
125 10.3 8.2 12.4

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

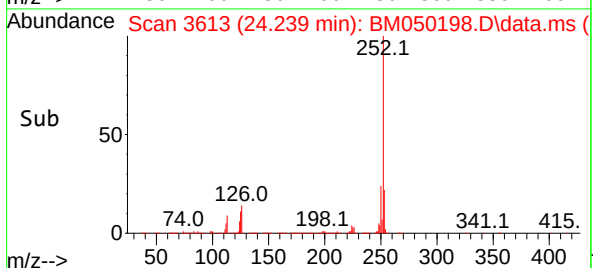
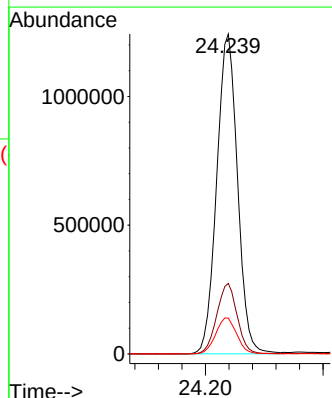
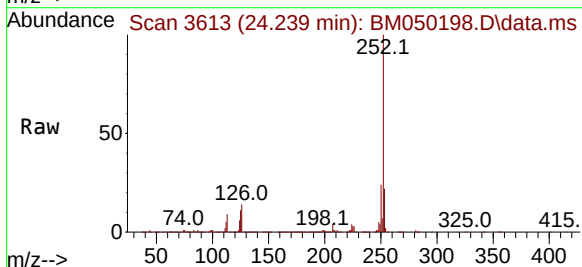
Tgt Ion:252 Resp: 3048619

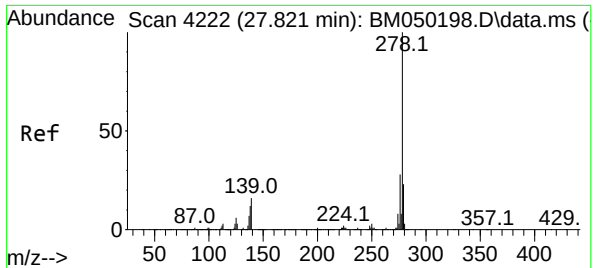
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

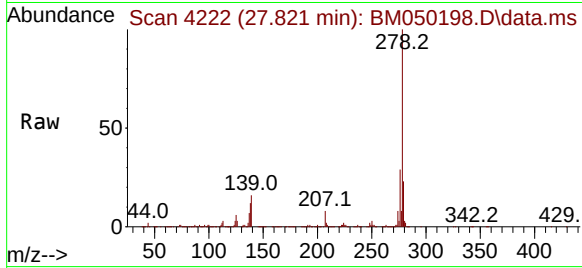
125 11.2 9.0 13.4





#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

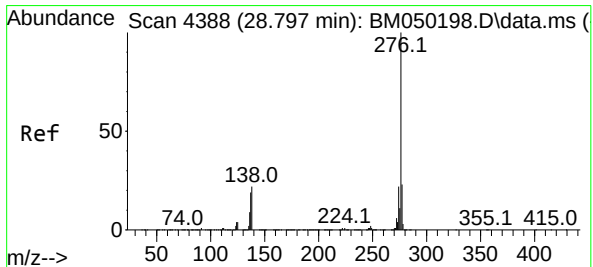
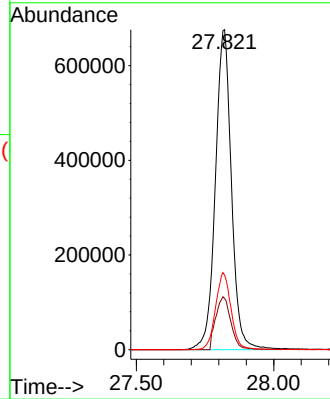
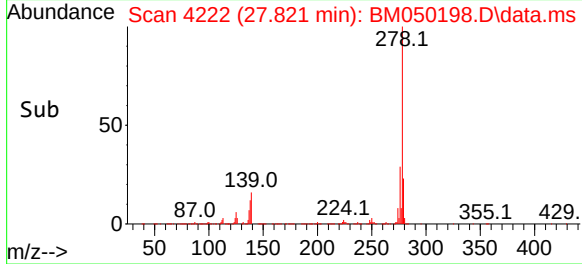
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



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

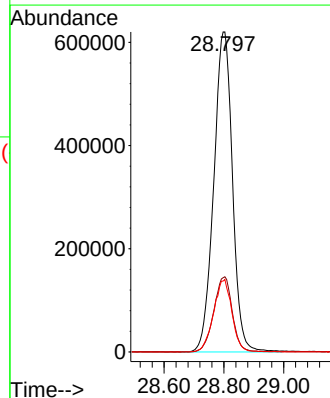
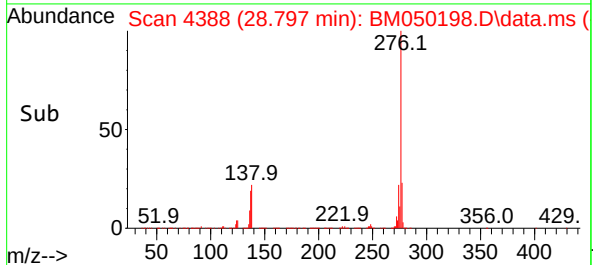
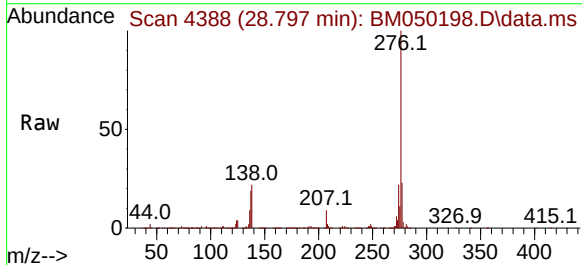
Manual Integrations
APPROVED

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





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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG No.: Q2177

Instrument ID: BNA_M Calibration Date/Time: 06/06/2025 09:29

Lab File ID: BM050206.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
Pyridine	1.361	1.358		-0.2	
2-Fluorophenol	1.199	1.202		0.3	
Phenol-d6	1.578	1.546		-2.0	
1,4-Dichlorobenzene	1.534	1.457		-5.0	20.0
2-Methylphenol	1.102	1.055		-4.3	
3+4-Methylphenols	1.474	1.406		-4.6	
Nitrobenzene-d5	0.385	0.379		-1.6	
Hexachloroethane	0.555	0.534		-3.8	
Nitrobenzene	0.350	0.343		-2.0	
Hexachlorobutadiene	0.190	0.177		-6.8	20.0
2,4,6-Trichlorophenol	0.380	0.368		-3.2	20.0
2-Fluorobiphenyl	1.477	1.393		-5.7	
2,4,5-Trichlorophenol	0.417	0.407		-2.4	
2,4-Dinitrotoluene	0.360	0.386		7.2	
2,4,6-Tribromophenol	0.227	0.225		-0.9	
Hexachlorobenzene	0.249	0.231		-7.2	
Pentachlorophenol	0.162	0.161		-0.6	20.0
Terphenyl-d14	1.055	0.942		-10.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 10:52:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	295242	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1183110	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	689122	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1340068	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1418635	20.000	ng	0.00
86) Perylene-d12	24.368	264	1586724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1419235	80.188	ng	0.00
7) Phenol-d6	6.946	99	1825493	78.351	ng	-0.01
23) Nitrobenzene-d5	8.934	82	1795047	78.908	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	620289	79.136	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3839452	75.430	ng	-0.01
79) Terphenyl-d14	19.780	244	5346511	71.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	303096	39.068	ng	97
3) Pyridine	3.681	79	802031	39.920	ng	99
4) n-Nitrosodimethylamine	3.593	42	170872	41.130	ng	98
6) Aniline	7.110	93	1199015	38.928	ng	99
8) 2-Chlorophenol	7.352	128	760257	39.052	ng	99
9) Benzaldehyde	6.922	77	523340	35.329	ng	98
10) Phenol	6.975	94	959029	38.903	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	754374	38.045	ng	99
12) 1,3-Dichlorobenzene	7.675	146	841036	38.643	ng	98
13) 1,4-Dichlorobenzene	7.822	146	860231	37.989	ng	100
14) 1,2-Dichlorobenzene	8.140	146	821913	38.075	ng	99
15) Benzyl Alcohol	8.016	79	631911	38.027	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.310	45	540114	39.212	ng	96
17) 2-Methylphenol	8.222	107	622738	38.286	ng	100
18) Hexachloroethane	8.869	117	315371	38.457	ng	99
19) n-Nitroso-di-n-propyla...	8.593	70	537847	37.723	ng	99
20) 3+4-Methylphenols	8.546	107	830040	38.142	ng	99
22) Acetophenone	8.599	105	1110410	37.568	ng	99
24) Nitrobenzene	8.975	77	811575	39.227	ng	99
25) Isophorone	9.504	82	1487563	37.887	ng	100
26) 2-Nitrophenol	9.687	139	362396	40.579	ng	99
27) 2,4-Dimethylphenol	9.751	122	702455	38.281	ng	99
28) bis(2-Chloroethoxy)met...	9.987	93	966894	37.695	ng	100
29) 2,4-Dichlorophenol	10.216	162	655763	38.618	ng	98
30) 1,2,4-Trichlorobenzene	10.440	180	718765	38.037	ng	99
31) Naphthalene	10.622	128	2309993	37.764	ng	99
32) Benzoic acid	9.863	122	431383	37.407	ng	99
33) 4-Chloroaniline	10.722	127	999794	38.337	ng	99
34) Hexachlorobutadiene	10.922	225	418205	37.208	ng	99
35) Caprolactam	11.493	113	221845	41.208	ng	96
36) 4-Chloro-3-methylphenol	11.845	107	705218	38.920	ng	99
37) 2-Methylnaphthalene	12.234	142	1410921	38.234	ng	99
38) 1-Methylnaphthalene	12.457	142	1489645	38.033	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	753256	37.854	ng	100
41) Hexachlorocyclopentadiene	12.592	237	471641	39.028	ng	97
43) 2,4,6-Trichlorophenol	12.839	196	507284	38.765	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 10:52:22 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	560298	38.997	ng	99
46) 1,1'-Biphenyl	13.251	154	1958151	37.948	ng	99
47) 2-Chloronaphthalene	13.287	162	1509448	37.627	ng	100
48) 2-Nitroaniline	13.481	65	378628	42.889	ng	97
49) Acenaphthylene	14.134	152	2523562	38.892	ng	100
50) Dimethylphthalate	13.875	163	1790111	38.410	ng	100
51) 2,6-Dinitrotoluene	13.981	165	384299	40.888	ng	95
52) Acenaphthene	14.475	154	1551786	38.236	ng	99
53) 3-Nitroaniline	14.304	138	449347	42.897	ng	100
54) 2,4-Dinitrophenol	14.510	184	200814	36.153	ng	95
55) Dibenzofuran	14.810	168	2272697	38.277	ng	99
56) 4-Nitrophenol	14.604	139	389884	43.731	ng	98
57) 2,4-Dinitrotoluene	14.763	165	532672	42.964	ng	98
58) Fluorene	15.457	166	1765716	38.827	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	488257m	39.278	ng	
60) Diethylphthalate	15.245	149	1796036	38.840	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	837345	38.098	ng	99
62) 4-Nitroaniline	15.469	138	436112	44.421	ng	99
63) Azobenzene	15.751	77	1782694	38.570	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	282062	38.537	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1570660	37.303	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	530560	37.127	ng	97
68) Hexachlorobenzene	16.463	284	618250	37.029	ng	98
69) Atrazine	16.622	200	525229	39.149	ng	99
70) Pentachlorophenol	16.798	266	432754	39.867	ng	99
71) Phenanthrene	17.192	178	2853661	37.277	ng	99
72) Anthracene	17.280	178	2905493	37.939	ng	100
73) Carbazole	17.545	167	2773046	39.746	ng	100
74) Di-n-butylphthalate	18.133	149	2998727	39.501	ng	100
75) Fluoranthene	19.204	202	3273231	40.545	ng	99
77) Benzidine	19.386	184	1643803	41.205	ng	99
78) Pyrene	19.568	202	3480627	36.402	ng	100
80) Butylbenzylphthalate	20.480	149	1263821	39.625	ng	99
81) Benzo(a)anthracene	21.368	228	3434256	38.246	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1164749	42.536	ng	99
83) Chrysene	21.427	228	3265582	38.233	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1982996	40.364	ng	99
85) Di-n-octyl phthalate	22.456	149	3137189	43.034	ng	100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4277699	41.870	ng	# 93
88) Benzo(b)fluoranthene	23.433	252	3520772	38.164	ng	99
89) Benzo(k)fluoranthene	23.492	252	3539956	37.588	ng	100
90) Benzo(a)pyrene	24.233	252	3404133	39.246	ng	100
91) Dibenzo(a,h)anthracene	27.809	278	3455822	41.672	ng	99
92) Benzo(g,h,i)perylene	28.791	276	3484906	41.986	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

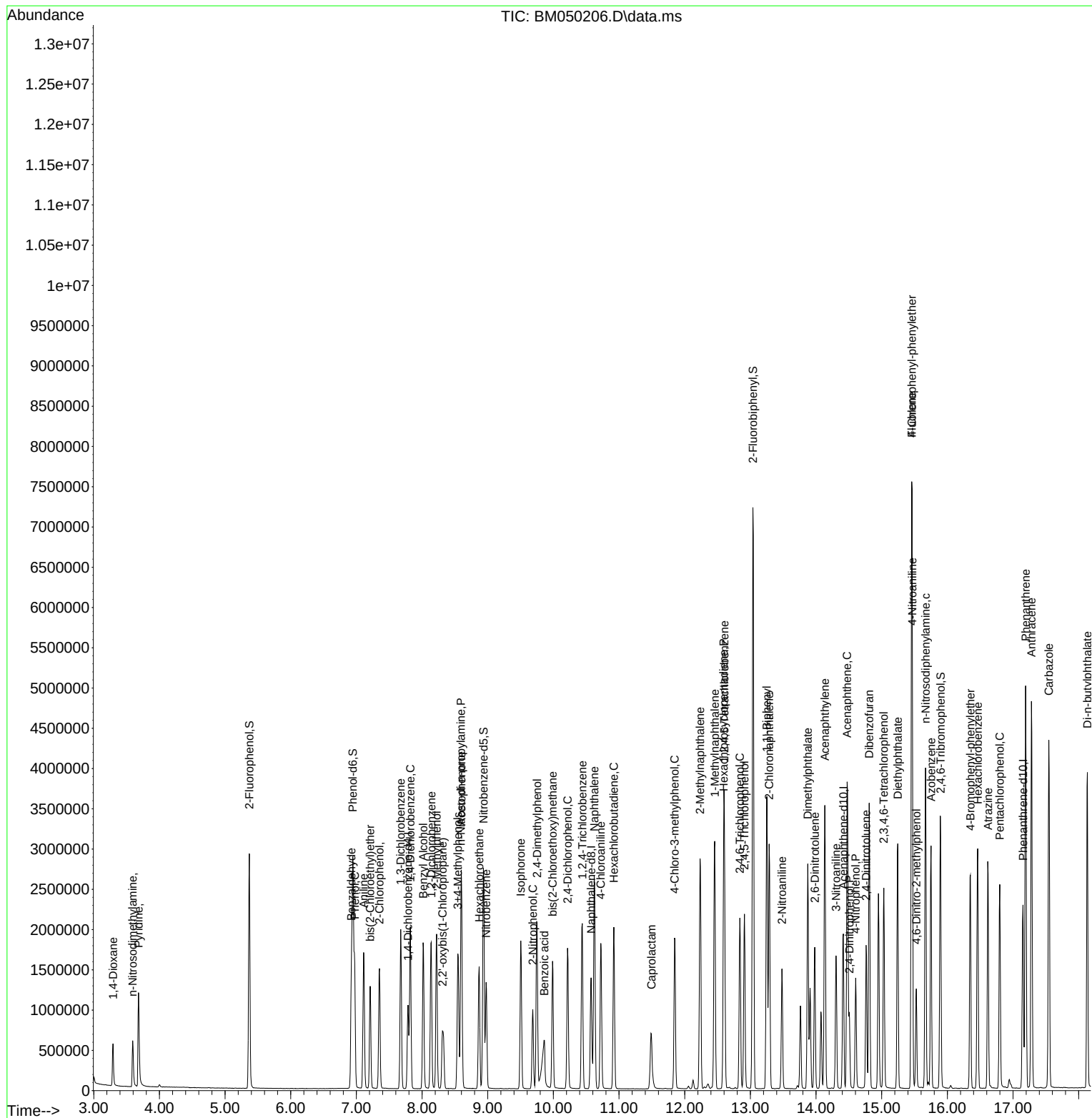
SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 10:52:22 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



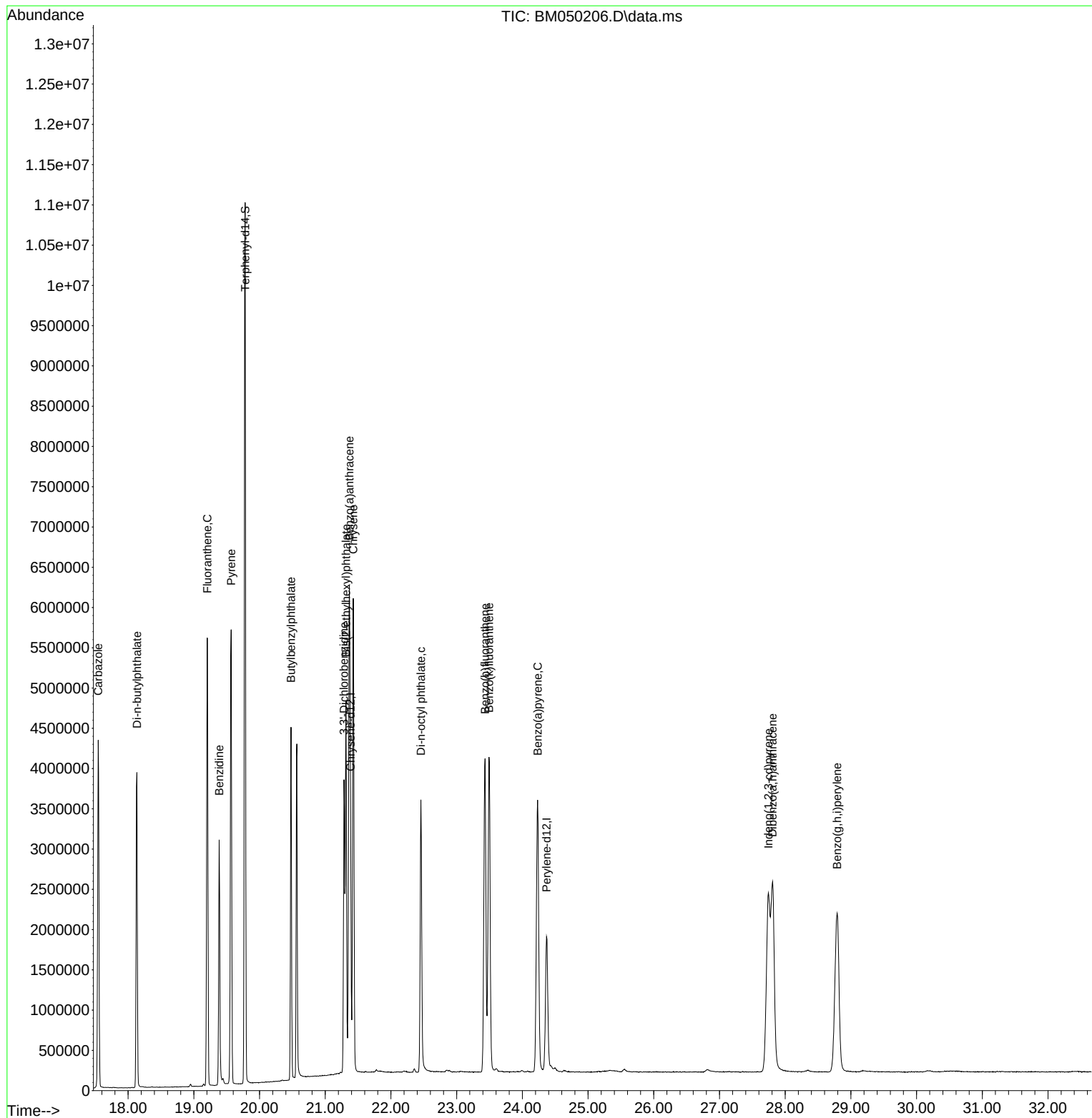
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Acq On : 06 Jun 2025 09:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

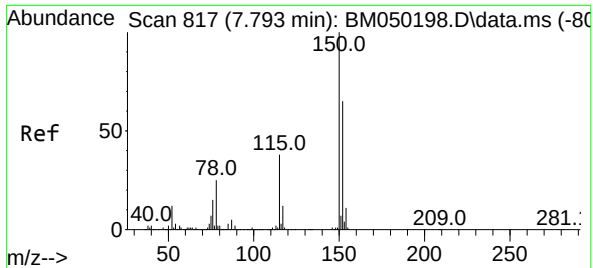
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

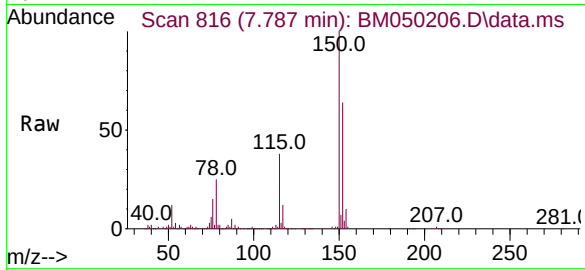
Quant Time: Jun 06 10:52:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

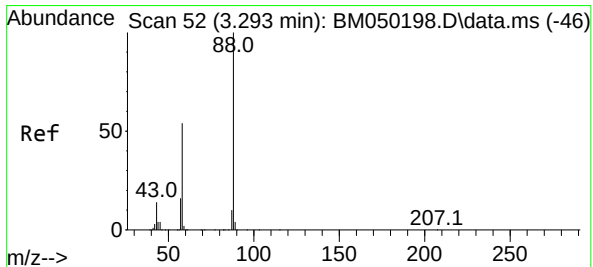
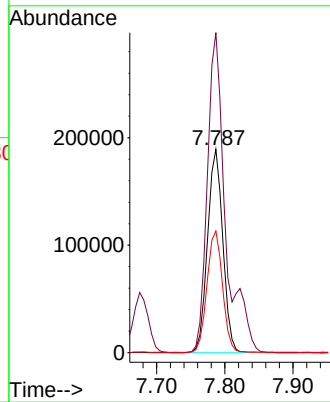
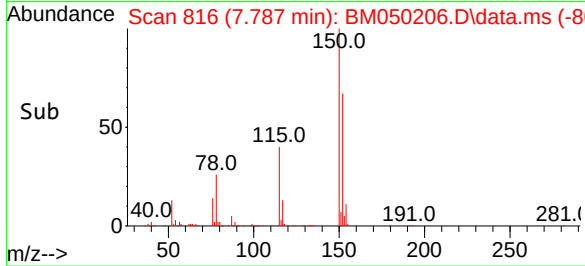
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 295242
Ion Ratio Lower Upper
152 100
150 157.4 122.2 183.4
115 59.9 46.3 69.5

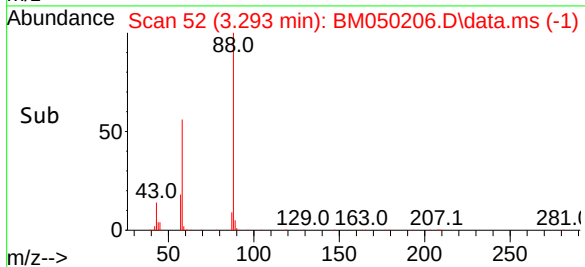
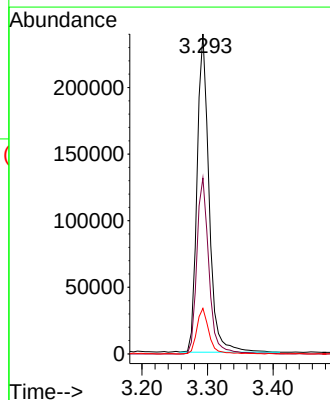
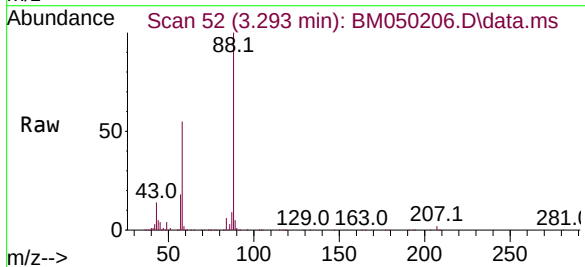
Manual Integrations
APPROVED

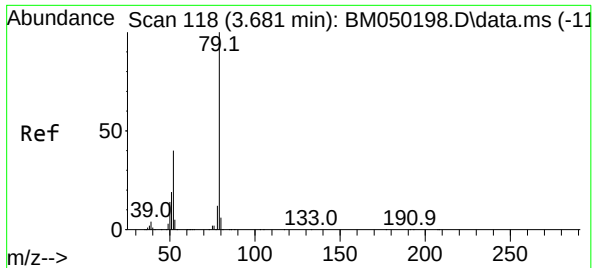
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#2
1,4-Dioxane
Concen: 39.068 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

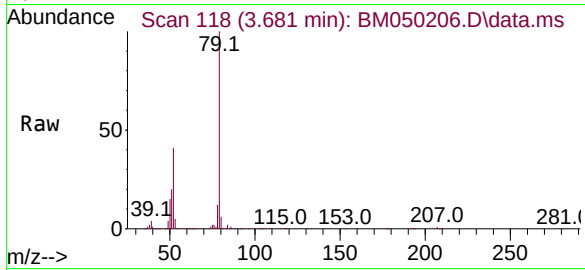
Tgt Ion: 88 Resp: 303096
Ion Ratio Lower Upper
88 100
58 55.8 42.9 64.3
43 14.5 11.0 16.6





#3
Pyridine
Concen: 39.920 ng
RT: 3.681 min Scan# 118
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

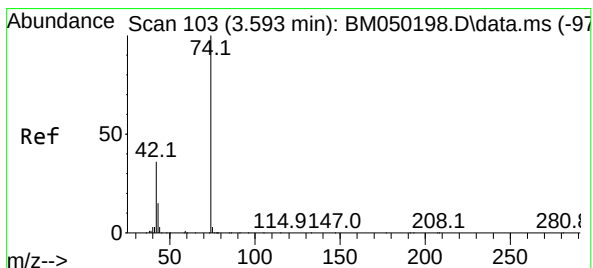
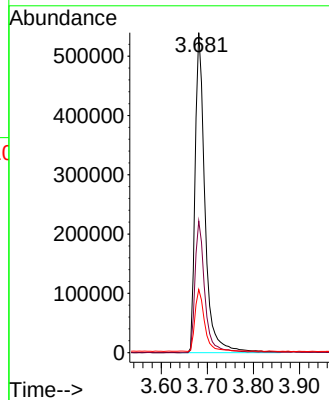
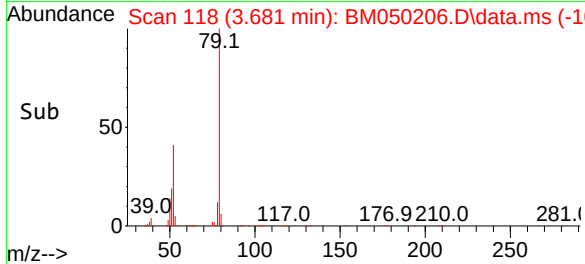
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



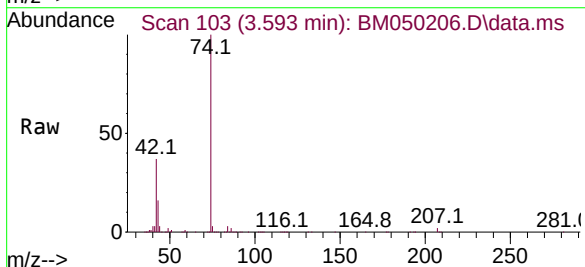
Tgt Ion: 79 Resp: 802031
Ion Ratio Lower Upper
79 100
52 41.1 32.1 48.1
51 19.7 15.4 23.0

Manual Integrations
APPROVED

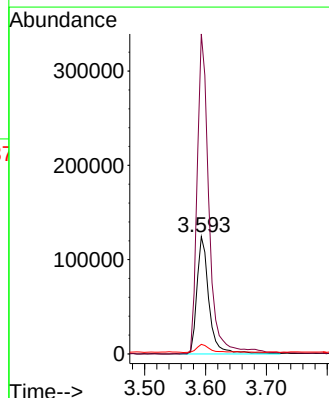
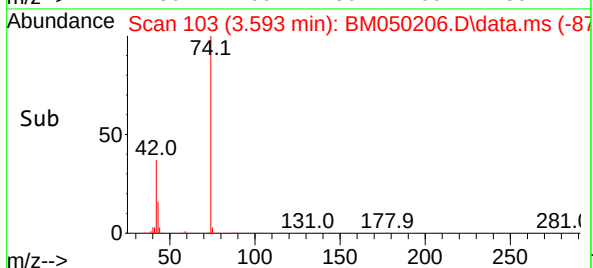
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

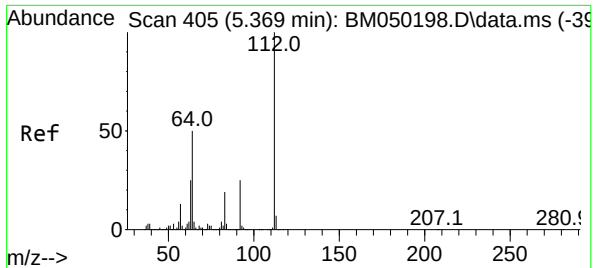


#4
n-Nitrosodimethylamine
Concen: 41.130 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



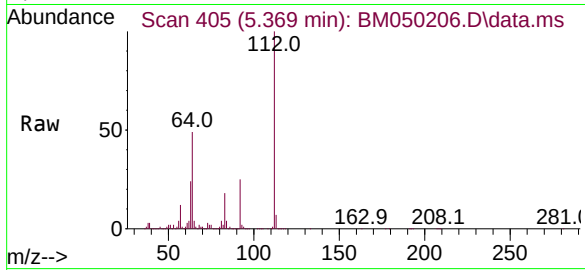
Tgt Ion: 42 Resp: 170872
Ion Ratio Lower Upper
42 100
74 272.8 222.0 333.0
44 8.2 7.0 10.6





#5
2-Fluorophenol
Concen: 80.188 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

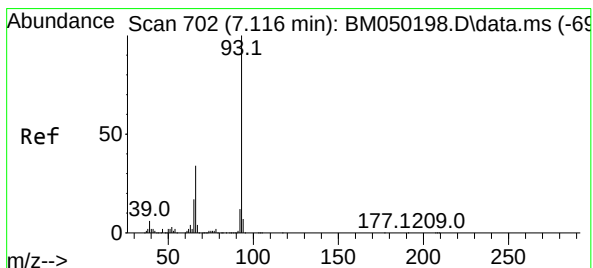
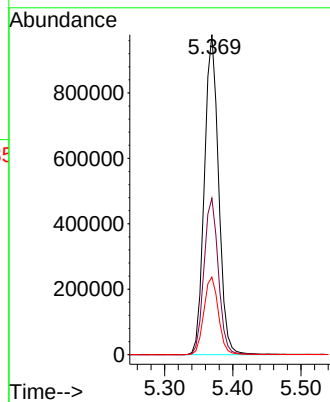
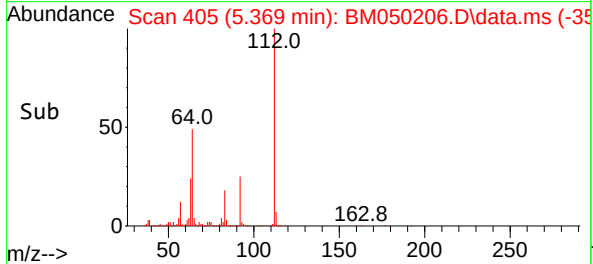
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 1419235
Ion Ratio Lower Upper
112 100
64 48.9 39.8 59.6
63 24.2 19.8 29.8

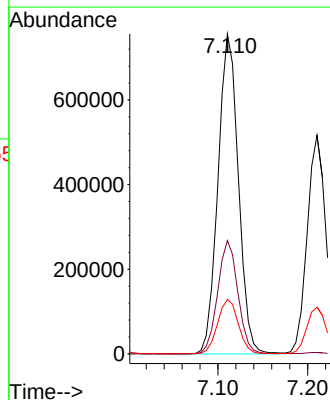
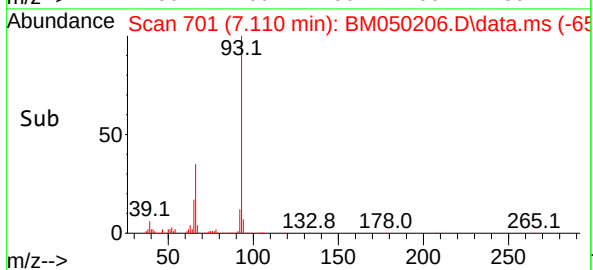
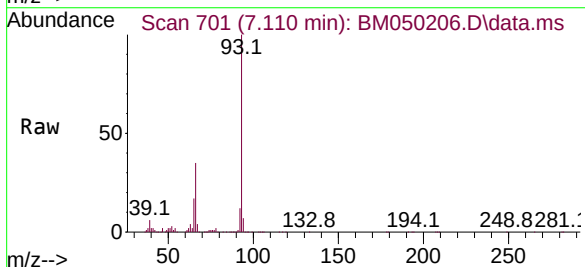
Manual Integrations
APPROVED

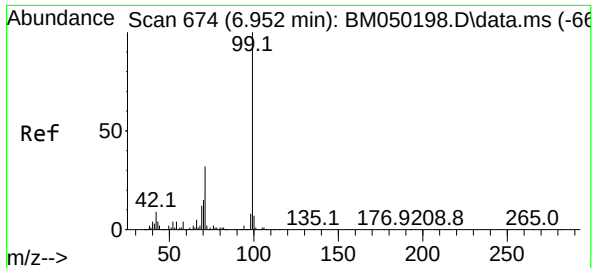
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#6
Aniline
Concen: 38.928 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion: 93 Resp: 1199015
Ion Ratio Lower Upper
93 100
66 35.4 27.4 41.2
65 17.0 13.6 20.4





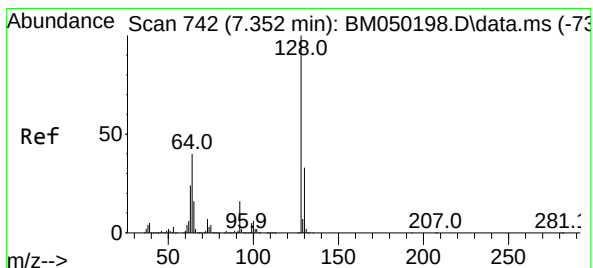
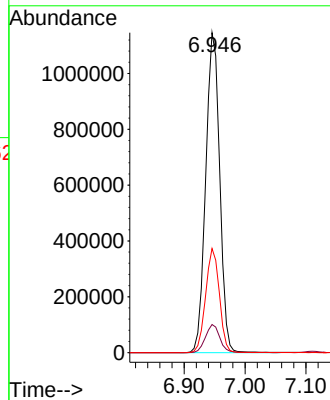
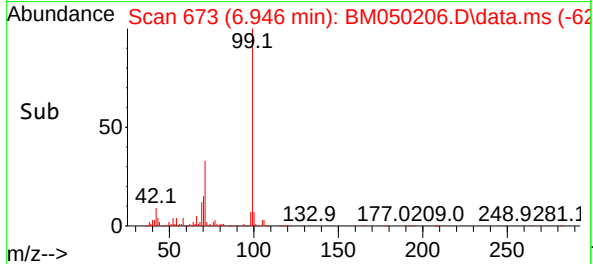
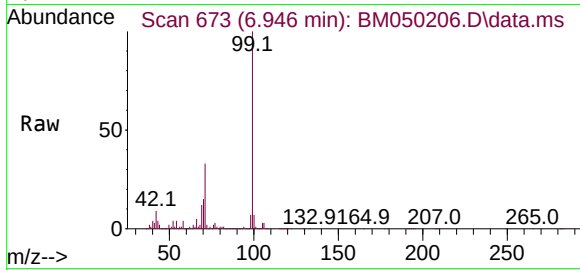
#7
Phenol-d6
Concen: 78.351 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1825493
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.5 25.3 37.9

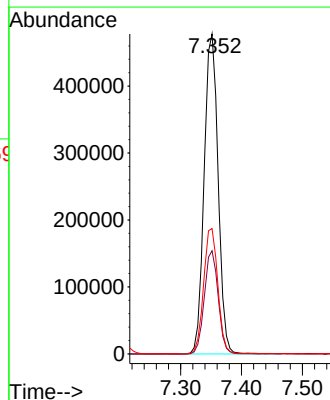
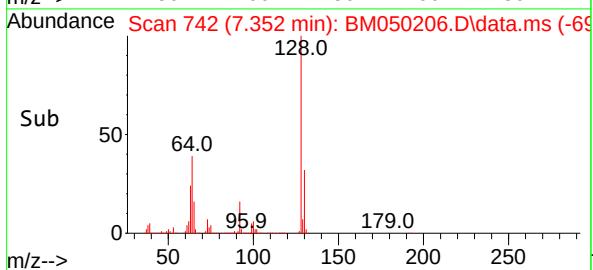
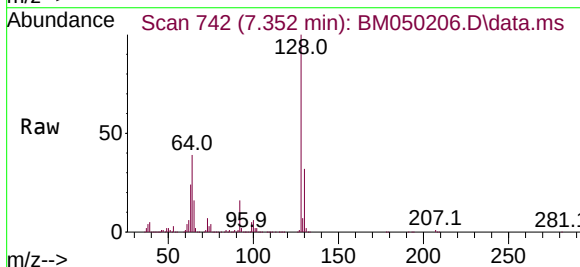
Manual Integrations
APPROVED

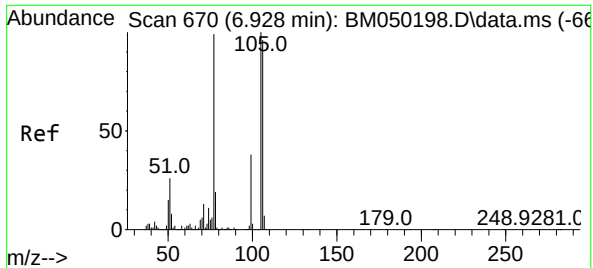
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#8
2-Chlorophenol
Concen: 39.052 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

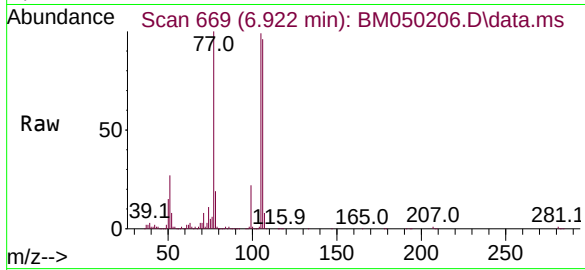
Tgt Ion:128 Resp: 760257
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 39.2 19.8 59.8





#9
Benzaldehyde
Concen: 35.329 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

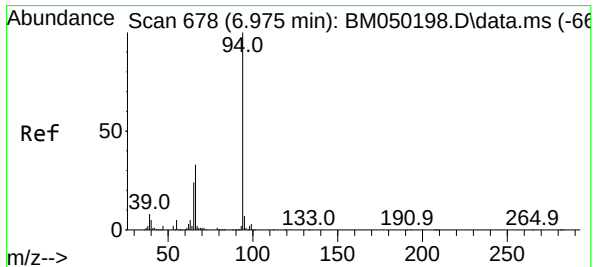
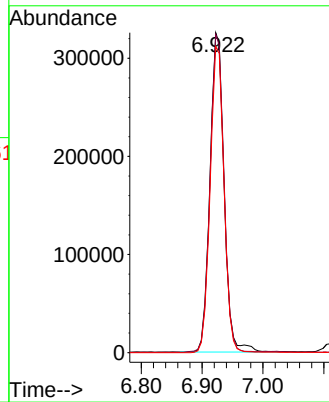
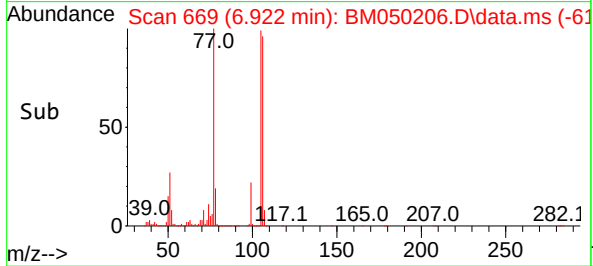
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 523340
Ion Ratio Lower Upper
77 100
105 99.4 80.9 120.9
106 95.6 77.1 117.1

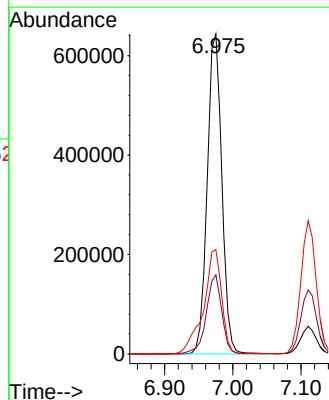
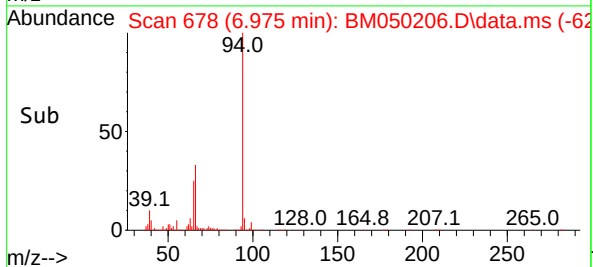
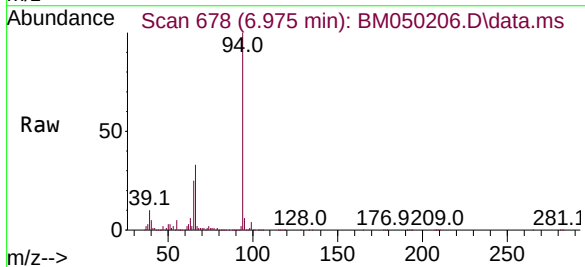
Manual Integrations
APPROVED

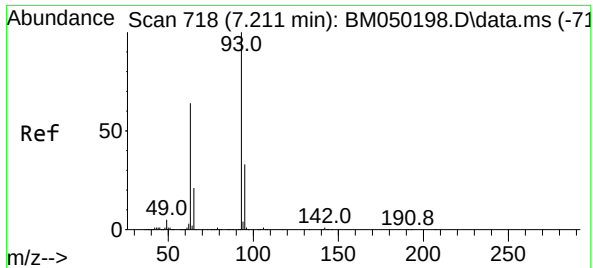
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#10
Phenol
Concen: 38.903 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion: 94 Resp: 959029
Ion Ratio Lower Upper
94 100
65 24.7 4.3 44.3
66 32.6 12.9 52.9





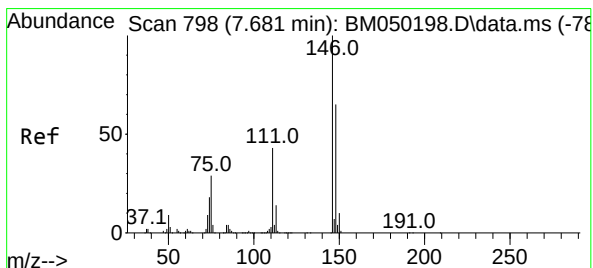
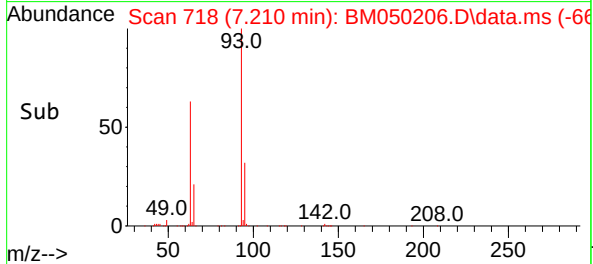
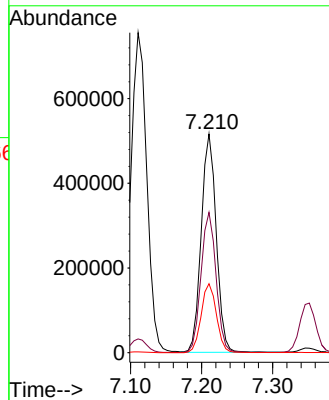
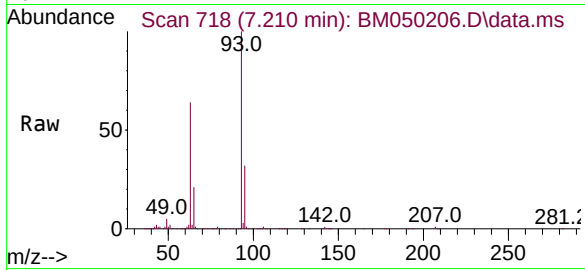
#11
bis(2-Chloroethyl)ether
Concen: 38.045 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 754374
Ion Ratio Lower Upper
93 100
63 64.1 43.9 83.9
95 31.5 12.7 52.7

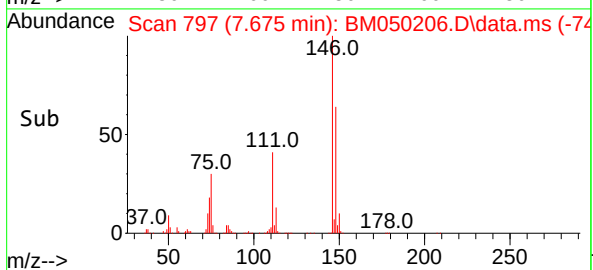
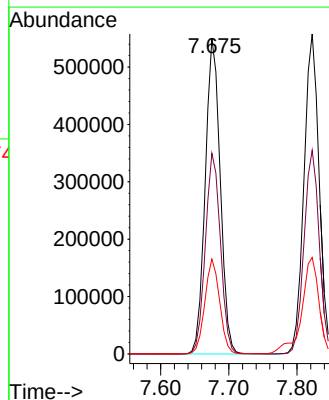
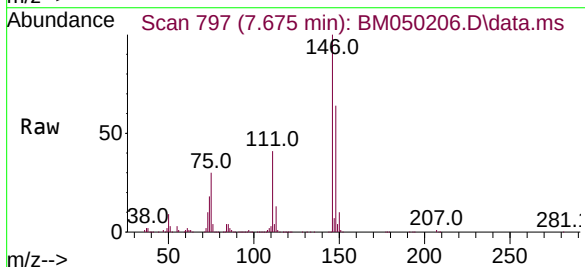
Manual Integrations
APPROVED

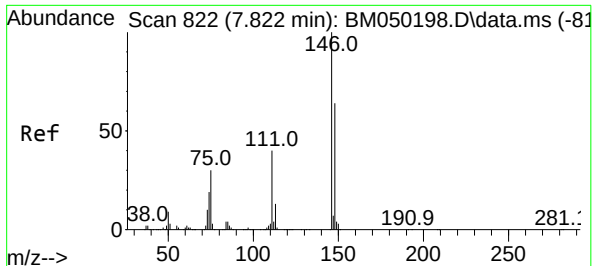
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#12
1,3-Dichlorobenzene
Concen: 38.643 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion:146 Resp: 841036
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 30.1 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 37.989 ng

RT: 7.822 min Scan# 822

Delta R.T. -0.006 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 860231

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

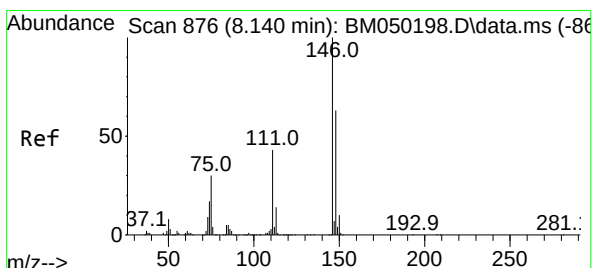
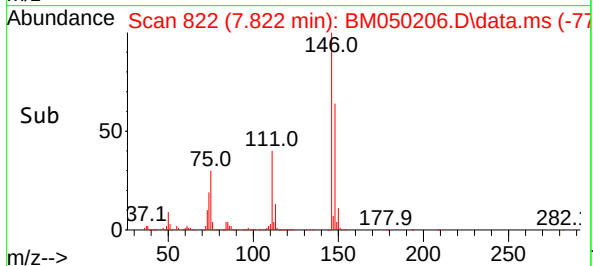
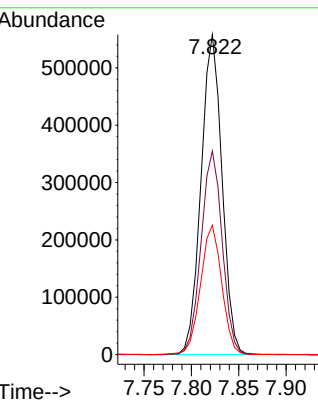
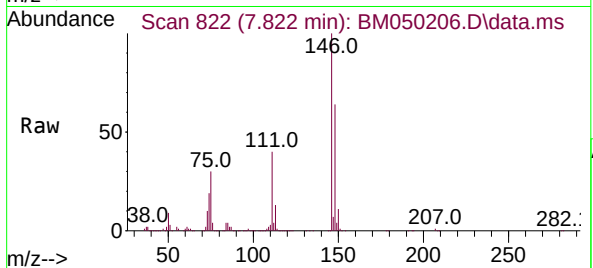
111 40.4 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#14

1,2-Dichlorobenzene

Concen: 38.075 ng

RT: 8.140 min Scan# 876

Delta R.T. 0.000 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29

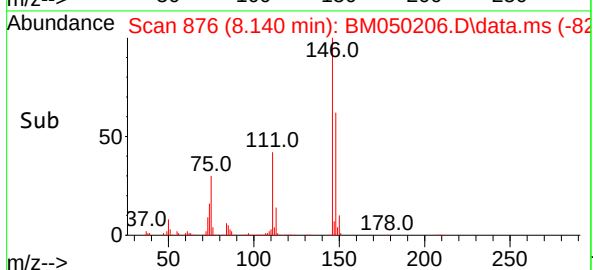
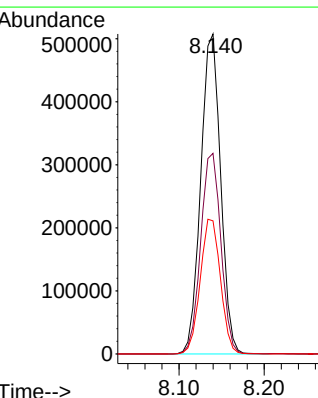
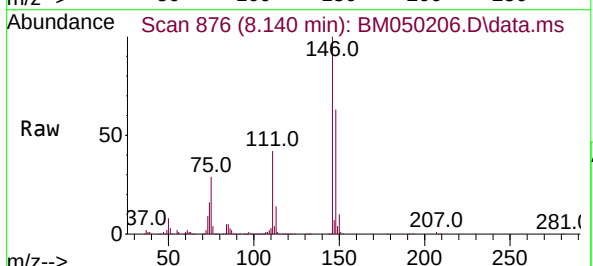
Tgt Ion:146 Resp: 821913

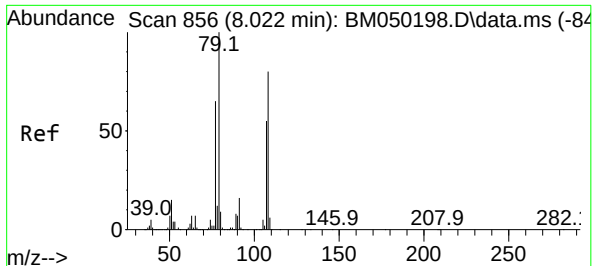
Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

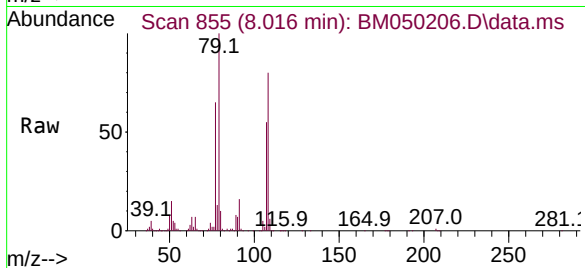
111 41.6 34.3 51.5





#15
Benzyl Alcohol
Concen: 38.027 ng
RT: 8.016 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

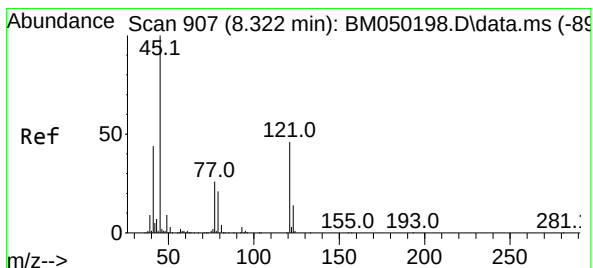
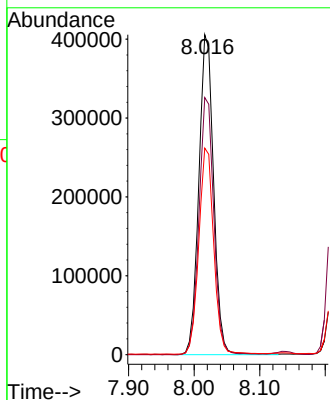
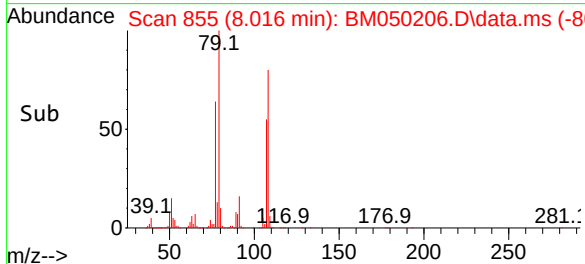
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



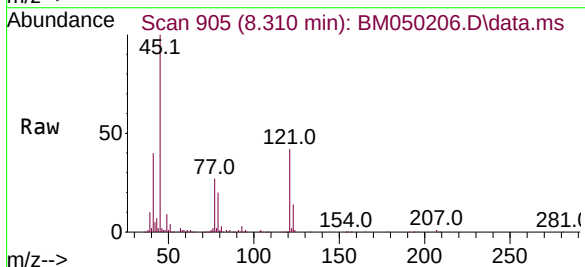
Tgt Ion: 79 Resp: 631911
Ion Ratio Lower Upper
79 100
108 80.3 64.0 96.0
77 64.5 52.2 78.2

Manual Integrations
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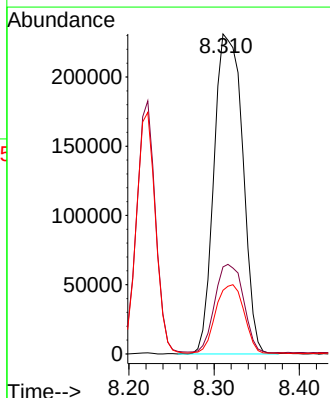
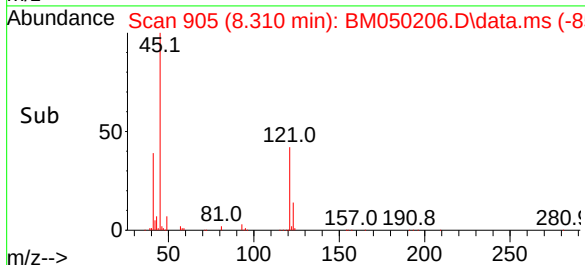
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

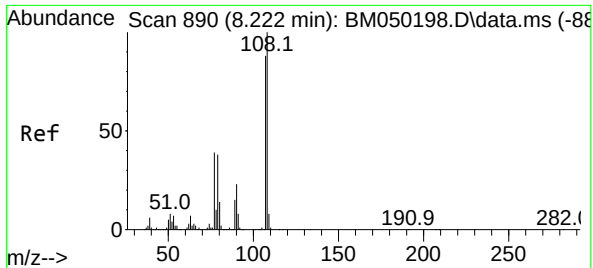


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.212 ng
RT: 8.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



Tgt Ion: 45 Resp: 540114
Ion Ratio Lower Upper
45 100
77 27.2 8.7 48.7
79 19.9 2.7 42.7





#17

2-Methylphenol

Concen: 38.286 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.006 min

Lab File: BM050206.D

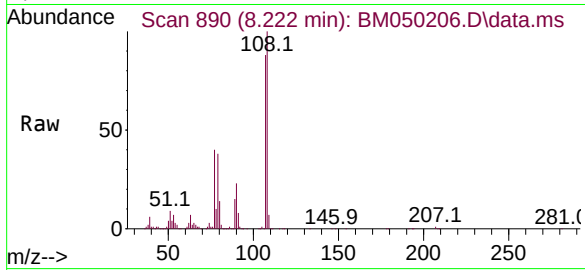
Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 622738

Ion Ratio Lower Upper

107 100

108 113.5 90.8 136.2

77 45.0 35.7 53.5

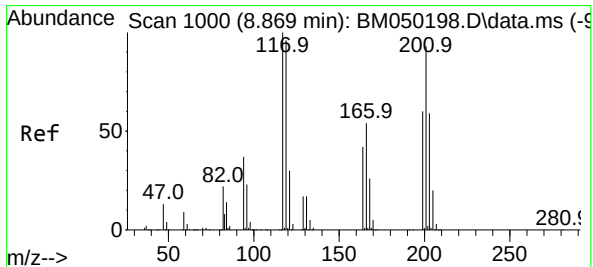
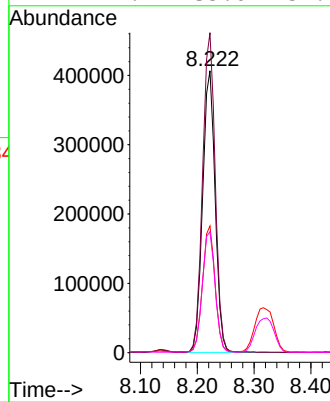
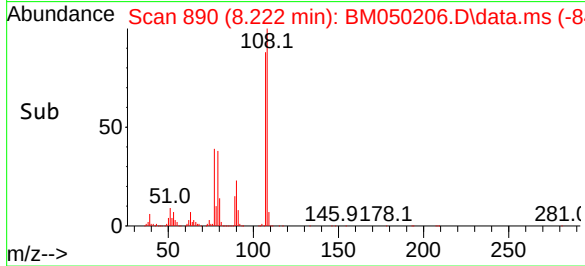
79 42.9 35.0 52.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#18

Hexachloroethane

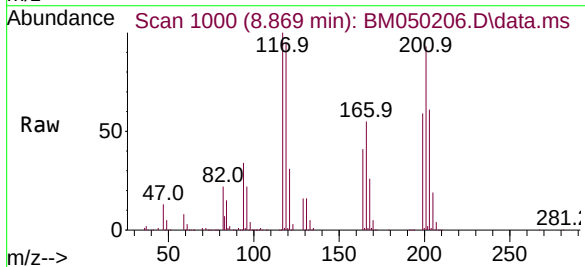
Concen: 38.457 ng

RT: 8.869 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29



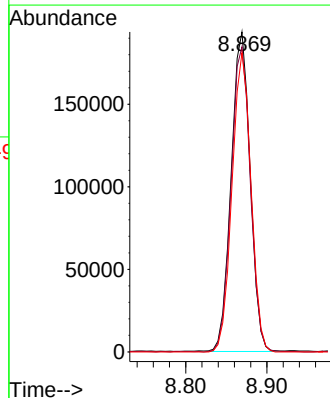
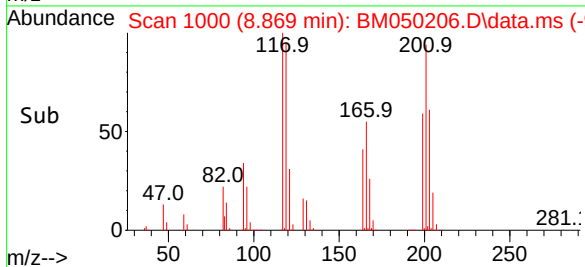
Tgt Ion:117 Resp: 315371

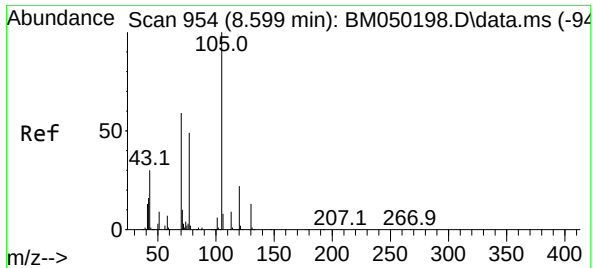
Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.6

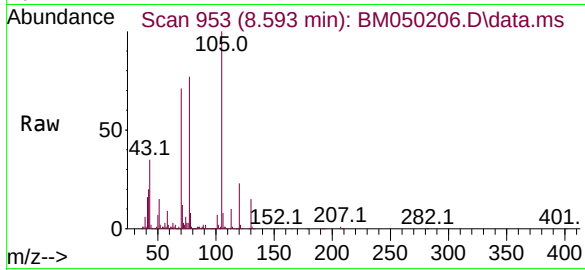
201 93.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.723 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

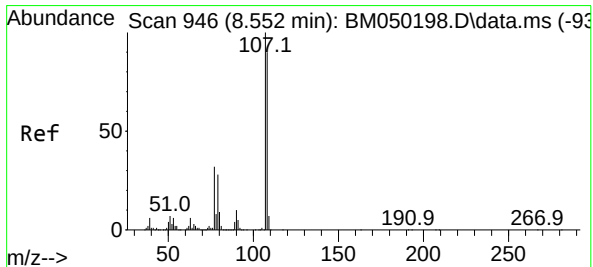
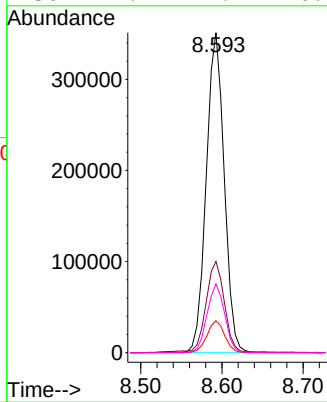
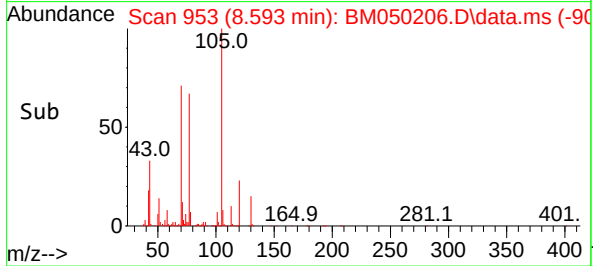
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



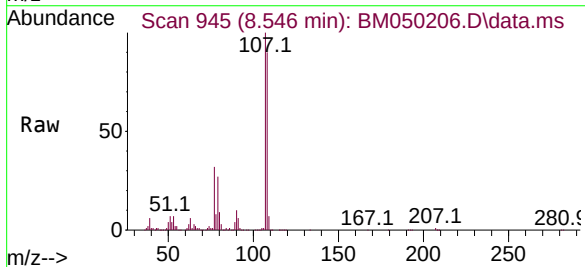
Tgt Ion: 70 Resp: 53784
Ion Ratio Lower Upper
70 100
42 28.5 22.6 33.8
101 10.0 8.3 12.5
130 21.4 17.4 26.2

Manual Integrations
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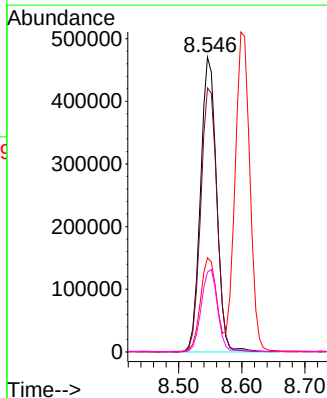
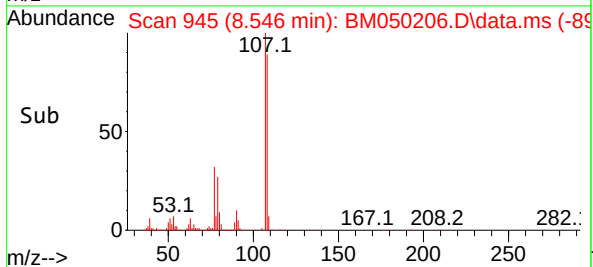
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

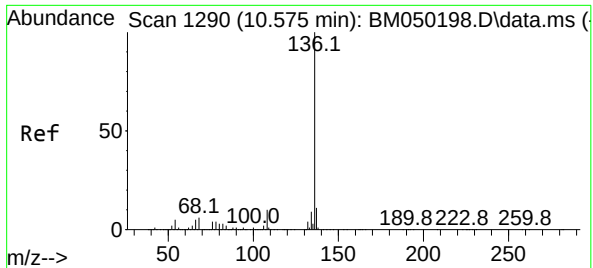


#20
3+4-Methylphenols
Concen: 38.142 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



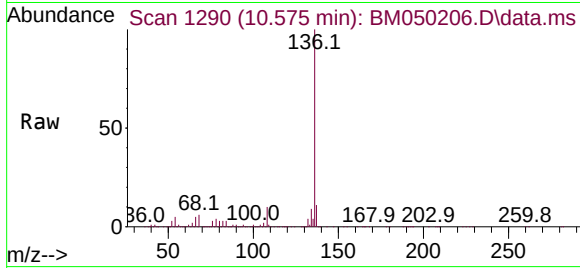
Tgt Ion:107 Resp: 830040
Ion Ratio Lower Upper
107 100
108 89.6 70.4 110.4
77 32.0 12.2 52.2
79 27.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

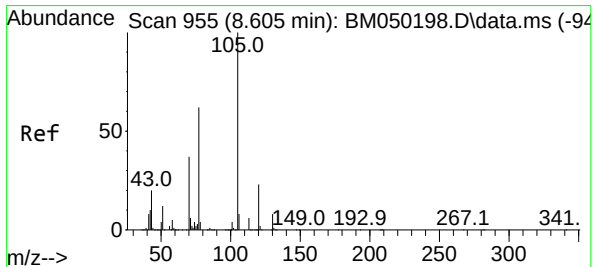
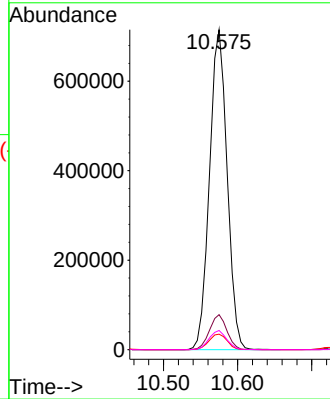
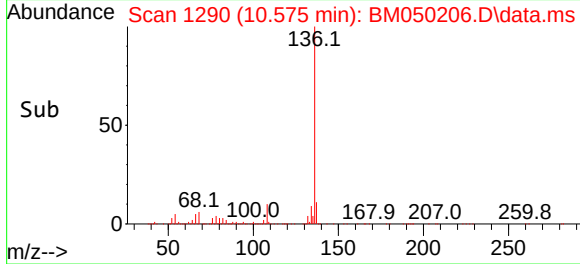
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 1183110
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 4.8 3.8 5.8
68 6.0 4.9 7.3

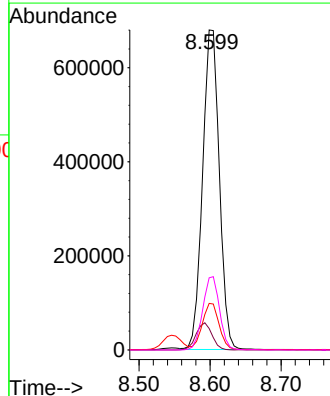
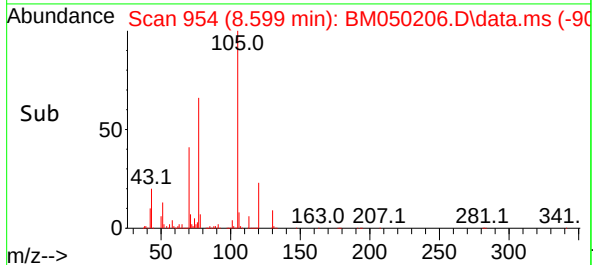
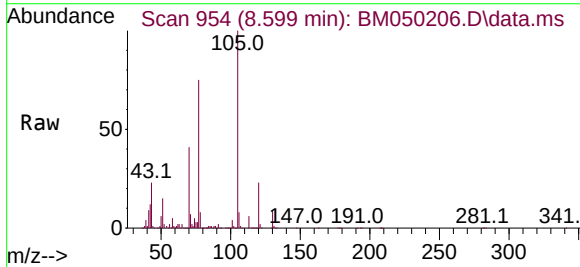
Manual Integrations
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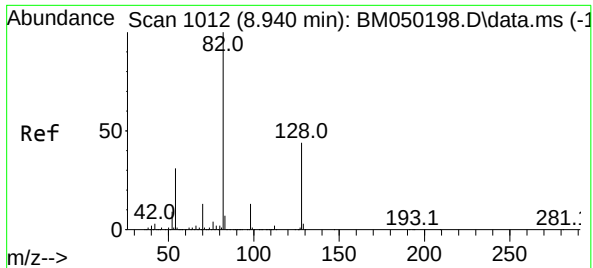
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#22
Acetophenone
Concen: 37.568 ng
RT: 8.599 min Scan# 954
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion:105 Resp: 1110410
Ion Ratio Lower Upper
105 100
71 6.7 5.0 7.4
51 14.5 11.4 17.2
120 22.5 18.2 27.4





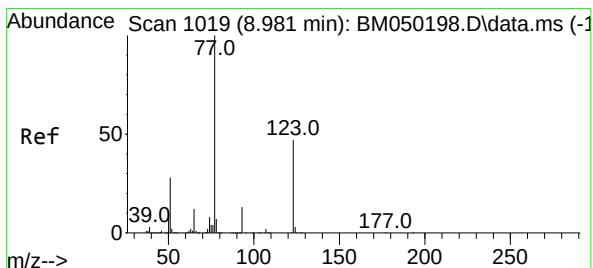
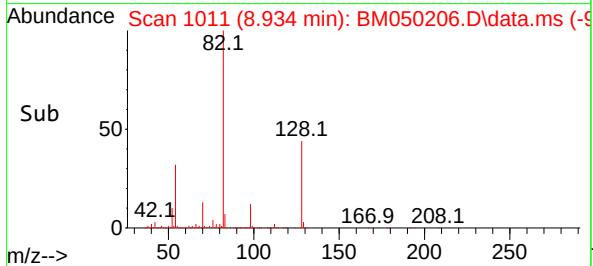
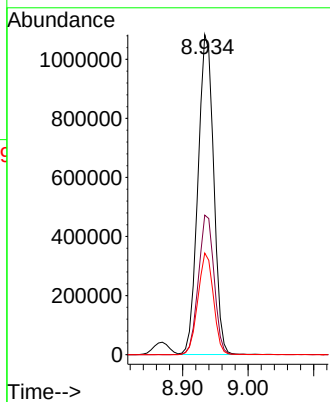
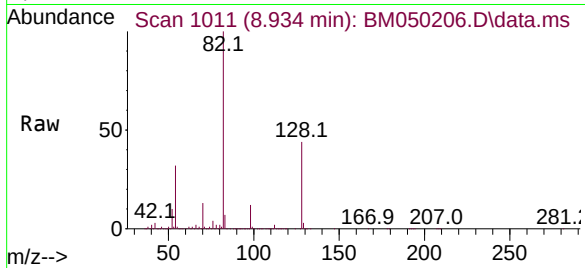
#23
Nitrobenzene-d5
Concen: 78.908 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 179504
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 31.7 24.5 36.7

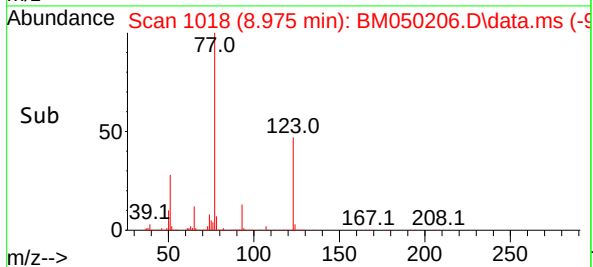
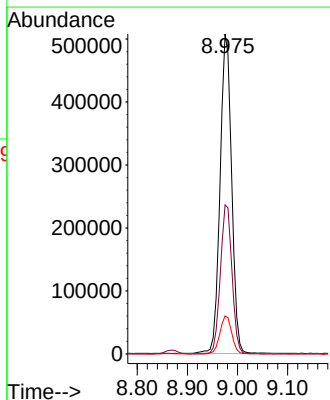
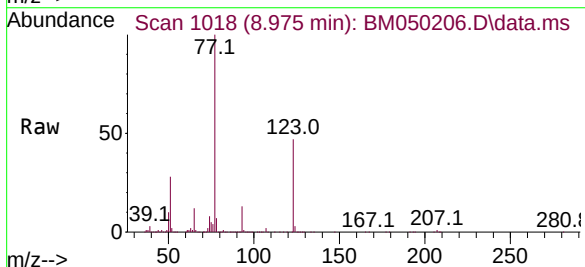
Manual Integrations
APPROVED

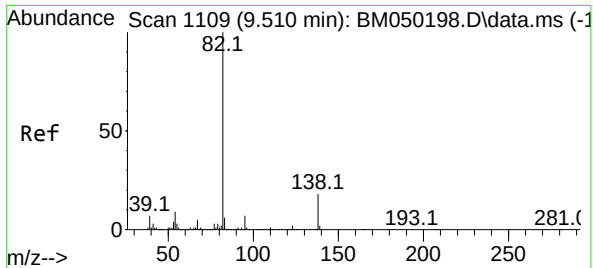
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#24
Nitrobenzene
Concen: 39.227 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

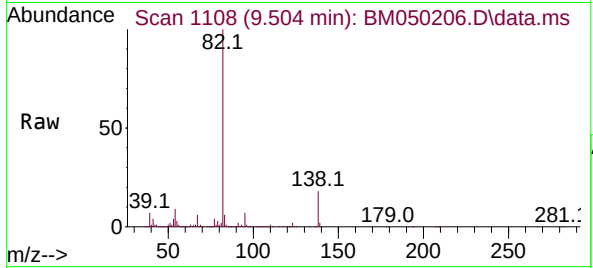
Tgt Ion: 77 Resp: 811575
Ion Ratio Lower Upper
77 100
123 46.6 38.2 57.2
65 11.9 9.5 14.3





#25
Isophorone
Concen: 37.887 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

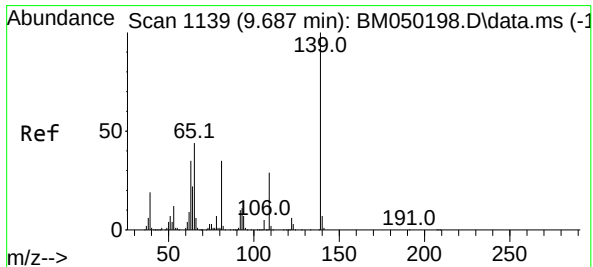
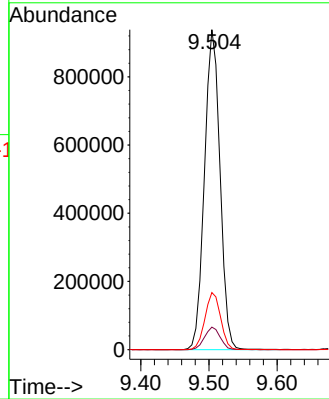
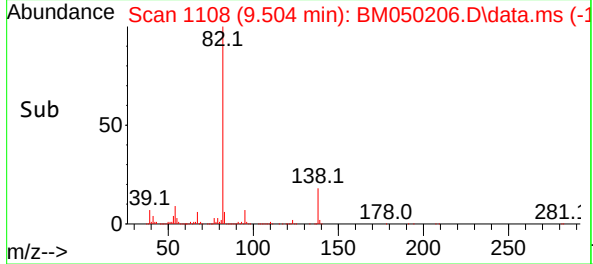
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1487563
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.8 14.2 21.2

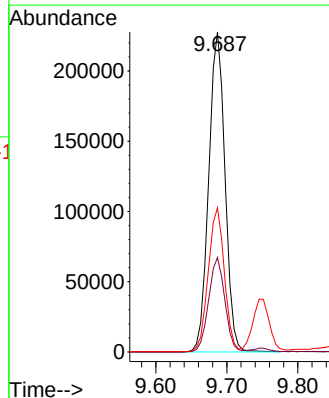
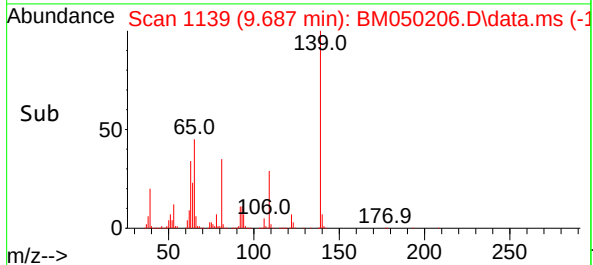
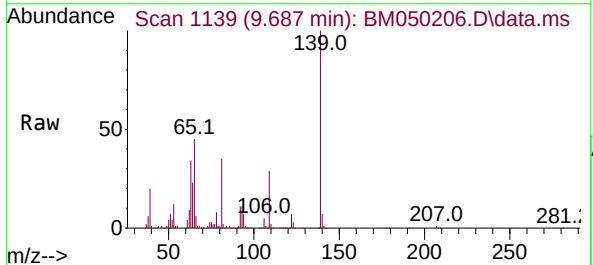
Manual Integrations
APPROVED

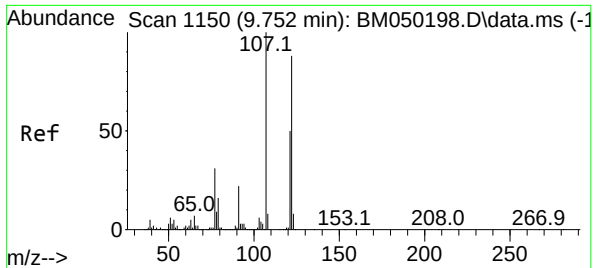
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#26
2-Nitrophenol
Concen: 40.579 ng
RT: 9.687 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion:139 Resp: 362396
Ion Ratio Lower Upper
139 100
109 29.5 23.3 34.9
65 45.0 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 38.281 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM050206.D

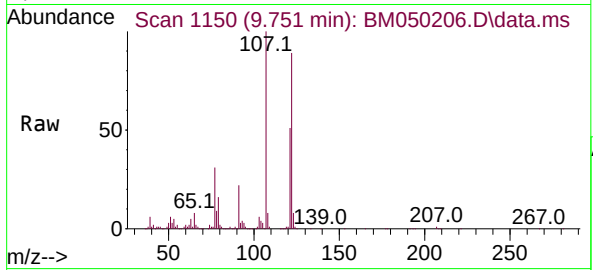
Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 702455

Ion Ratio Lower Upper

122 100

107 112.5 91.0 136.6

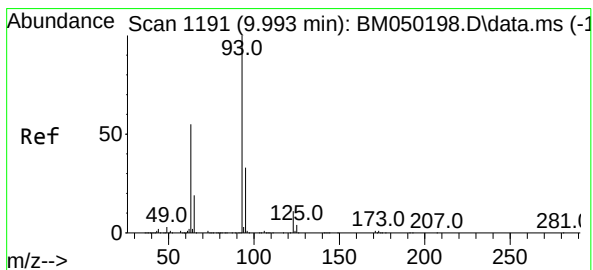
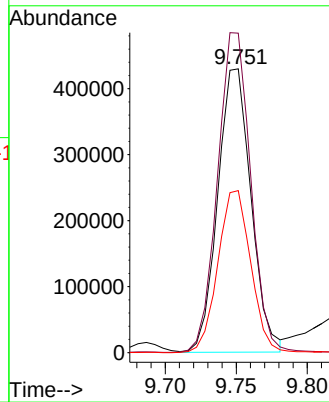
121 57.1 45.8 68.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#28

bis(2-Chloroethoxy)methane

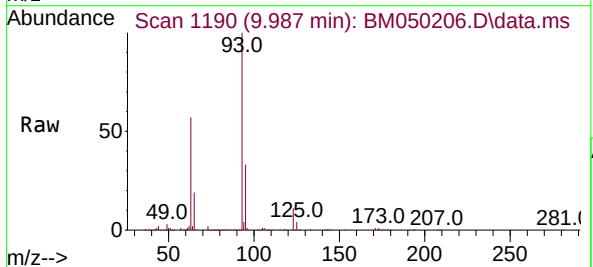
Concen: 37.695 ng

RT: 9.987 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29



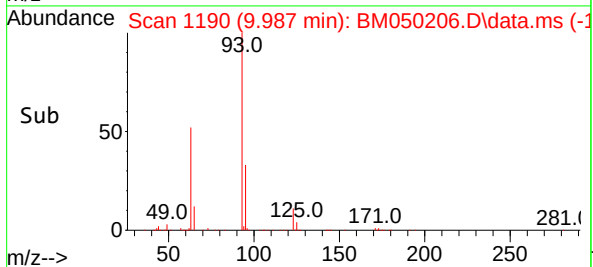
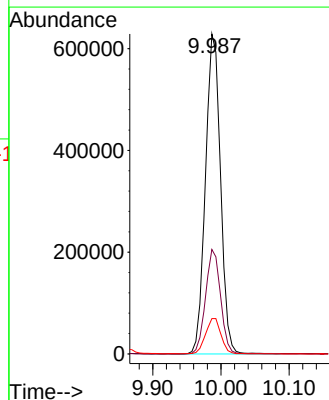
Tgt Ion: 93 Resp: 966894

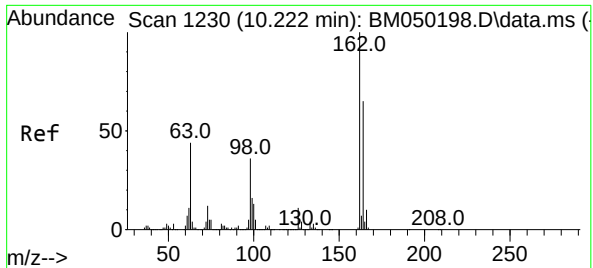
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

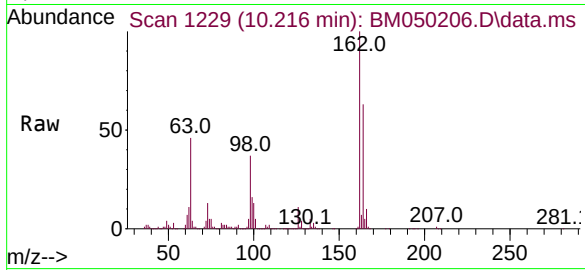
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 38.618 ng
RT: 10.216 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

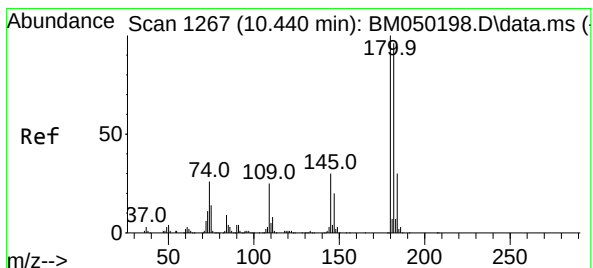
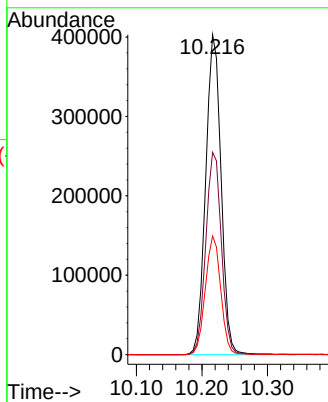
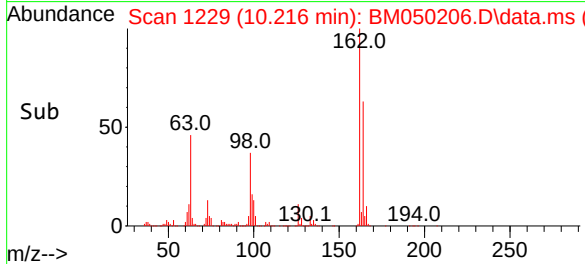
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 655763
Ion Ratio Lower Upper
162 100
164 63.2 45.0 85.0
98 37.1 16.3 56.3

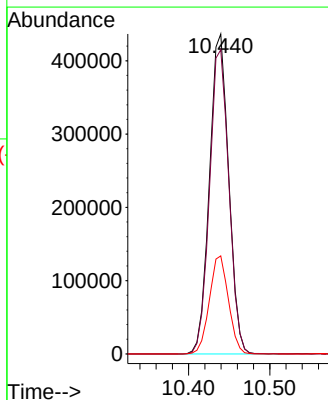
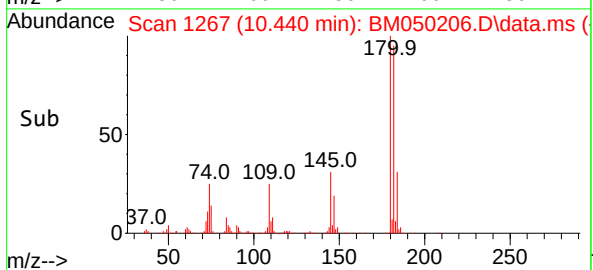
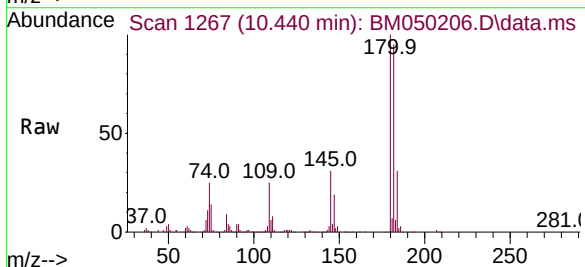
Manual Integrations
APPROVED

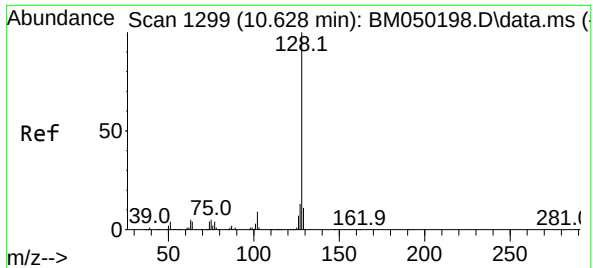
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.037 ng
RT: 10.440 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

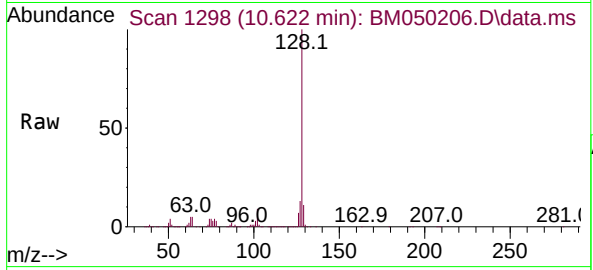
Tgt Ion:180 Resp: 718765
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 30.6 24.2 36.4





#31
Naphthalene
Concen: 37.764 ng
RT: 10.622 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

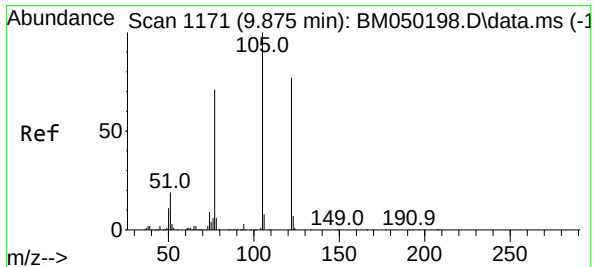
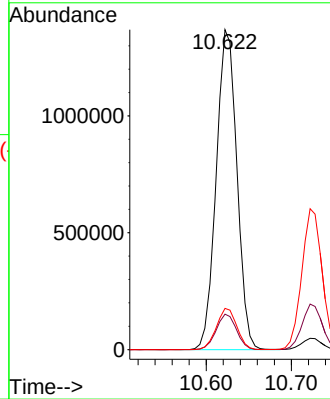
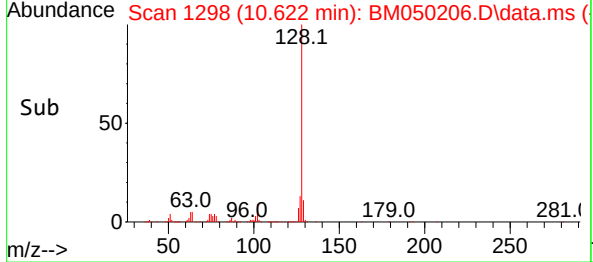
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2309993
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.9 10.2 15.4

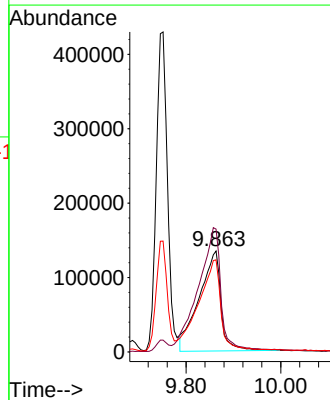
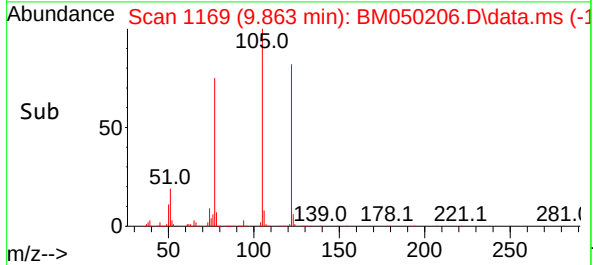
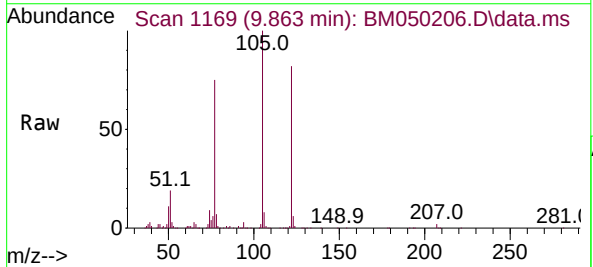
Manual Integrations
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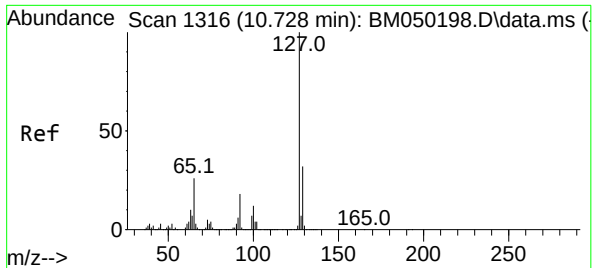
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#32
Benzoic acid
Concen: 37.407 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.053 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

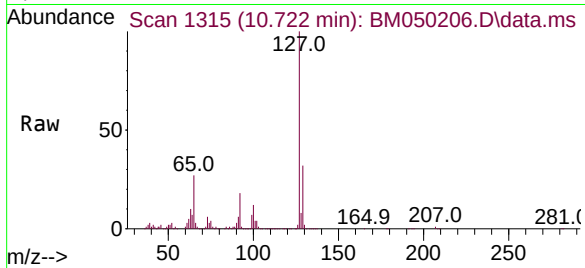
Tgt Ion:122 Resp: 431383
Ion Ratio Lower Upper
122 100
105 121.6 103.4 143.4
77 91.3 70.3 110.3





#33
4-Chloroaniline
Concen: 38.337 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

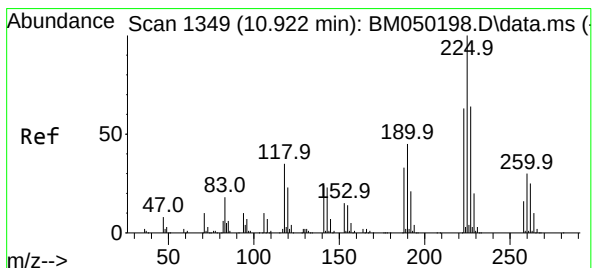
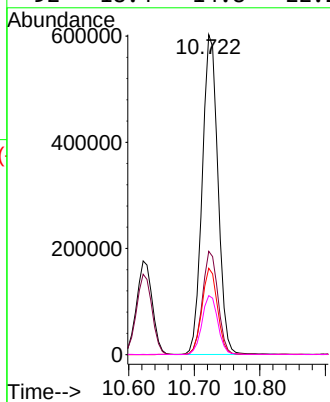
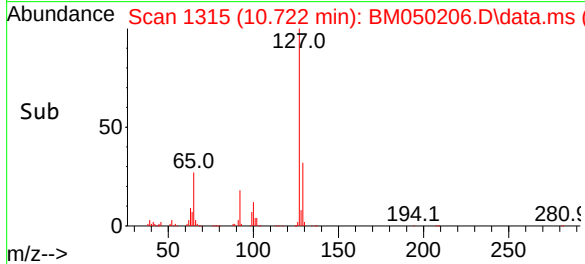
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 999794
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.0
65 27.0 21.0 31.4
92 18.4 14.8 22.2

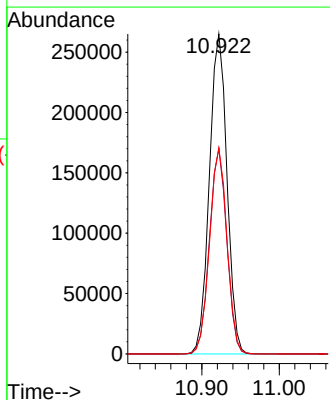
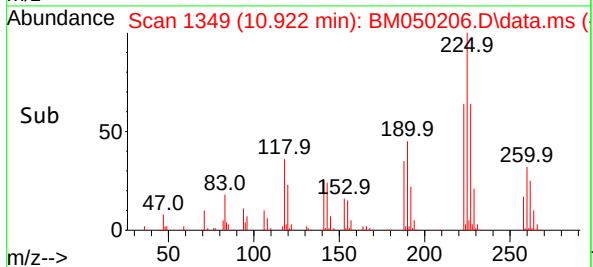
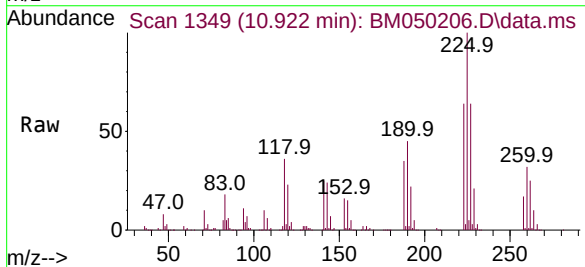
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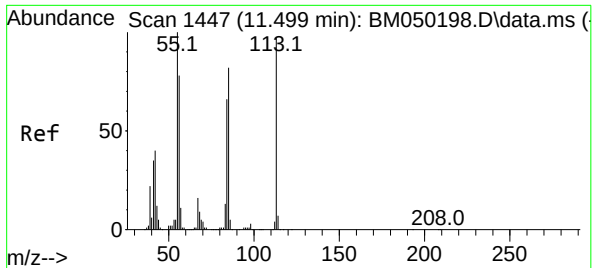
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#34
Hexachlorobutadiene
Concen: 37.208 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

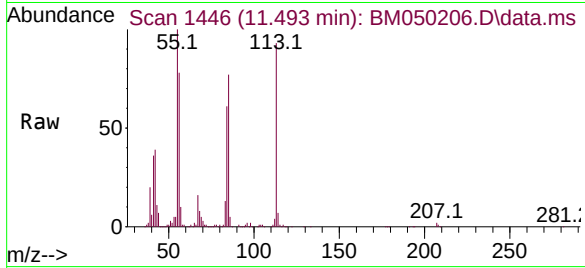
Tgt Ion:225 Resp: 418205
Ion Ratio Lower Upper
225 100
223 64.2 50.2 75.2
227 64.3 51.0 76.4





#35
Caprolactam
Concen: 41.208 ng
RT: 11.493 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

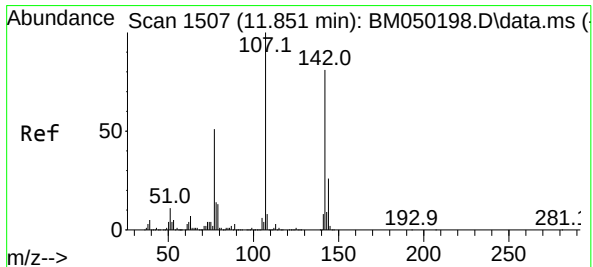
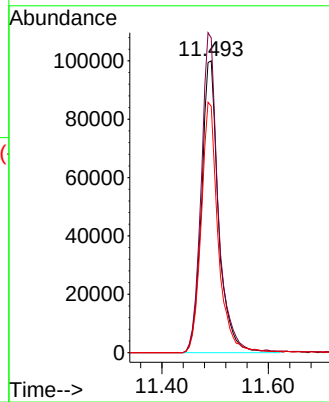
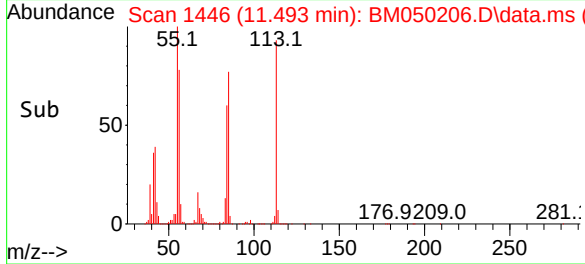
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 221845
Ion Ratio Lower Upper
113 100
55 107.8 83.5 123.5
56 84.4 60.6 100.6

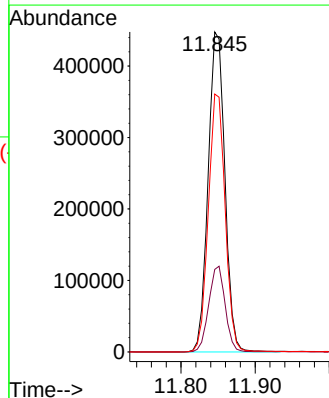
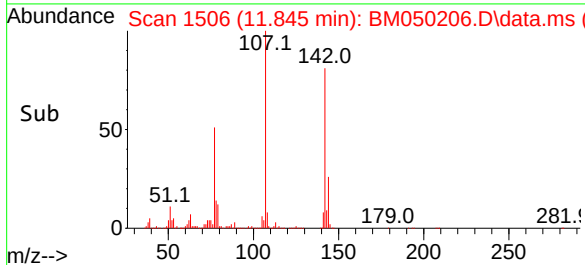
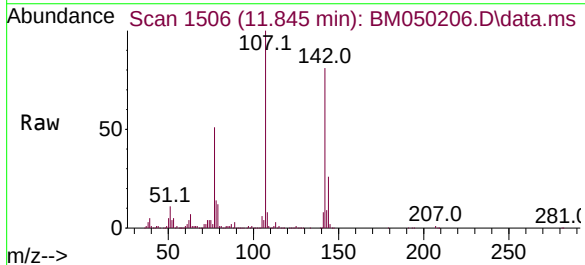
Manual Integrations
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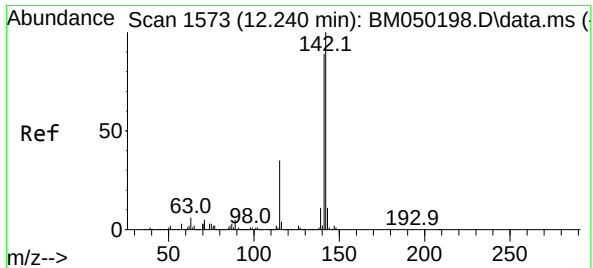
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 38.920 ng
RT: 11.845 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

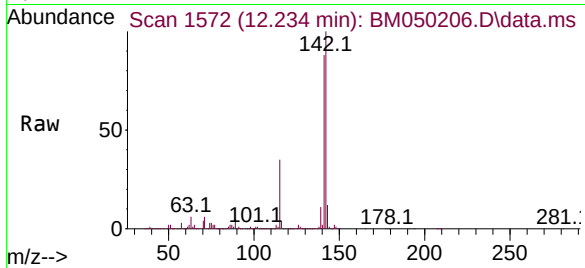
Tgt Ion:107 Resp: 705218
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 80.6 64.8 97.2





#37
2-Methylnaphthalene
Concen: 38.234 ng
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

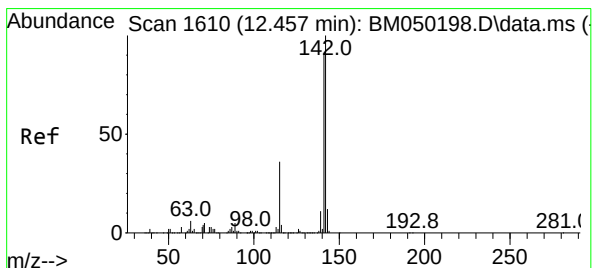
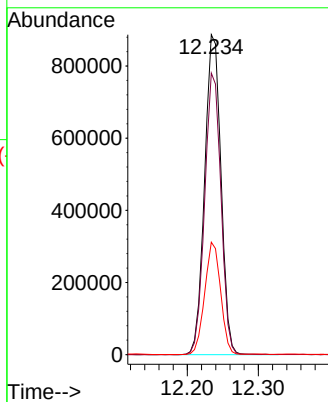
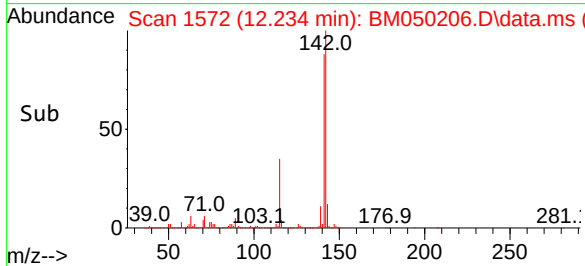
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



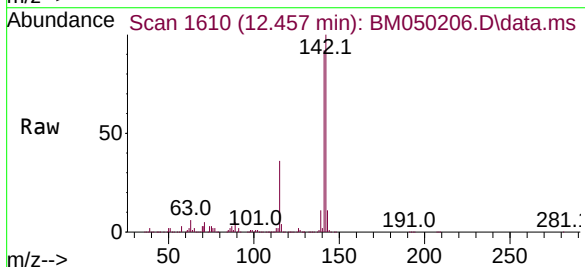
Tgt Ion:142 Resp: 141092
Ion Ratio Lower Upper
142 100
141 88.0 71.5 107.3
115 35.1 27.8 41.8

Manual Integrations
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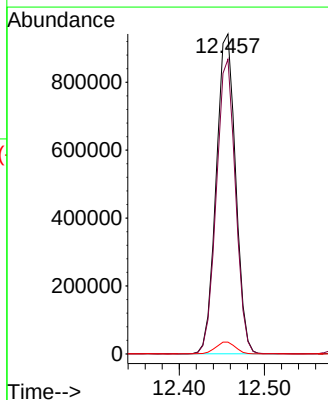
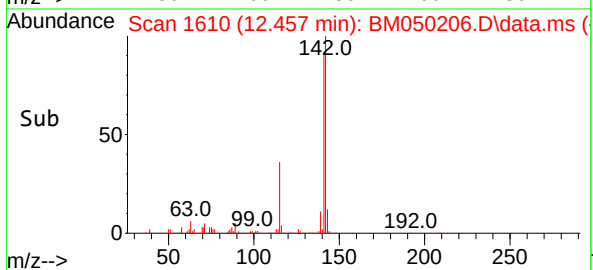
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

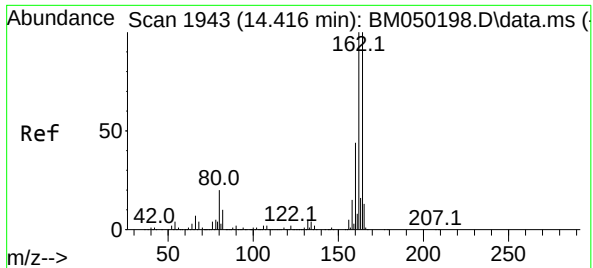


#38
1-Methylnaphthalene
Concen: 38.033 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



Tgt Ion:142 Resp: 1489645
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3
116 3.7 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: BM050206.D

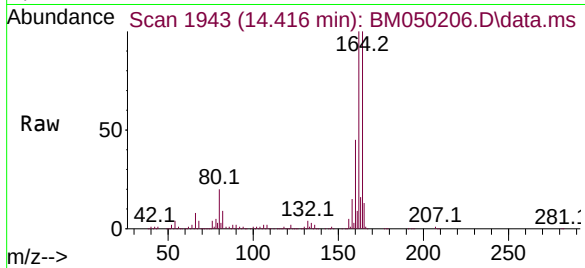
Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 689122

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.4

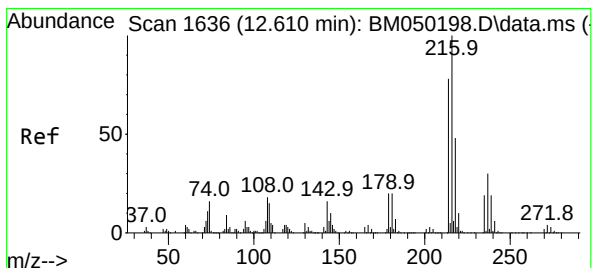
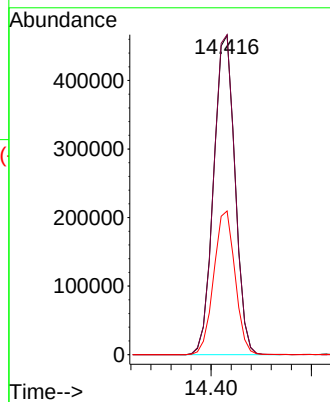
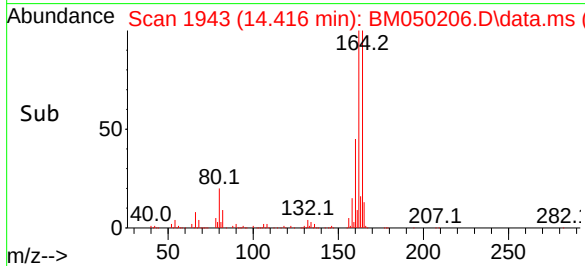
160 45.0 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#40

1,2,4,5-Tetrachlorobenzene

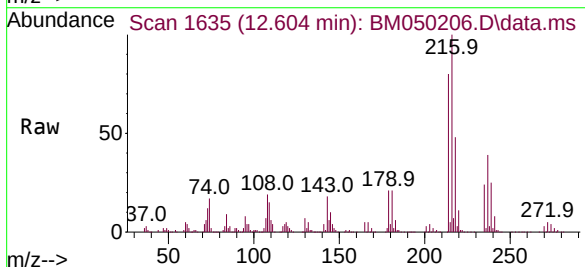
Concen: 37.854 ng

RT: 12.604 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29



Tgt Ion:216 Resp: 753256

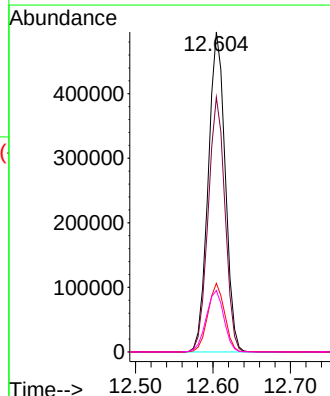
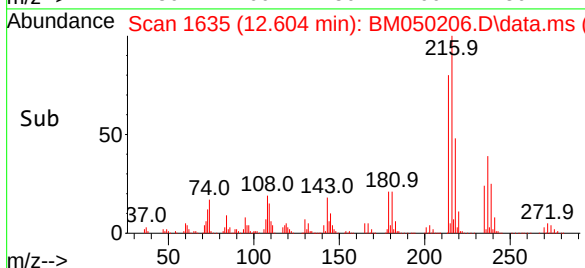
Ion Ratio Lower Upper

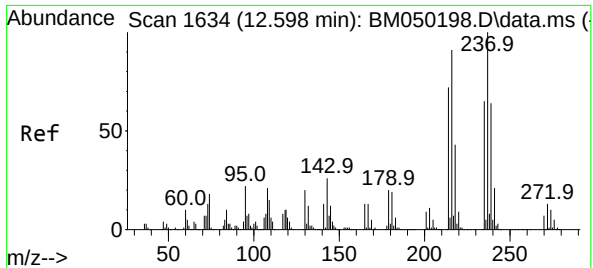
216 100

214 78.7 63.0 94.4

179 21.1 16.6 25.0

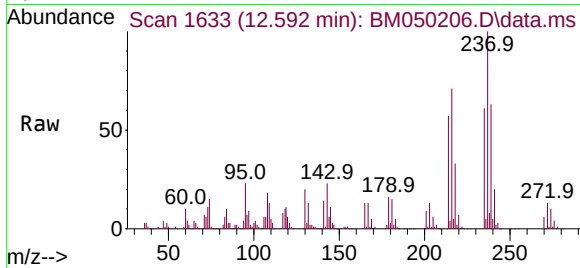
108 20.0 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 39.028 ng
RT: 12.592 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

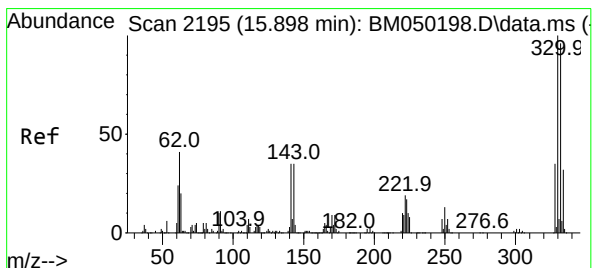
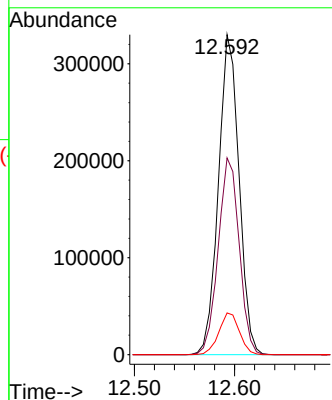
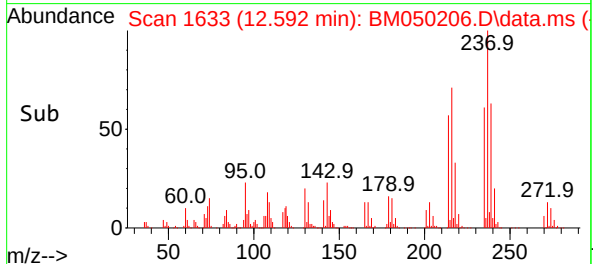
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 47164
Ion Ratio Lower Upper
237 100
235 61.5 44.6 84.6
272 13.1 0.0 33.1

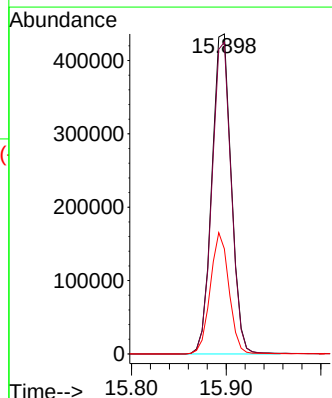
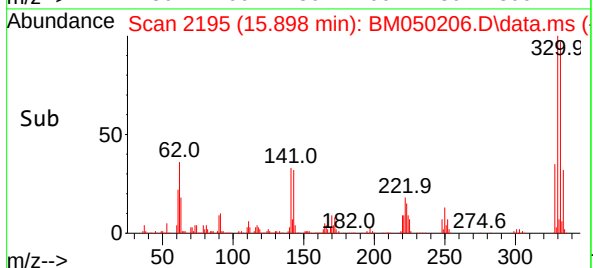
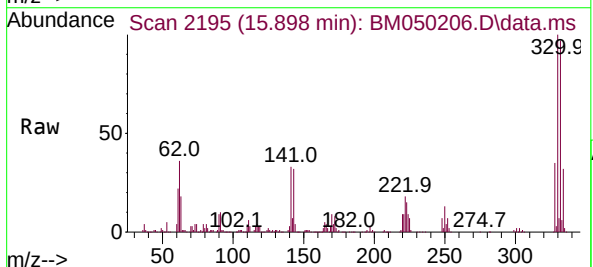
Manual Integrations
APPROVED

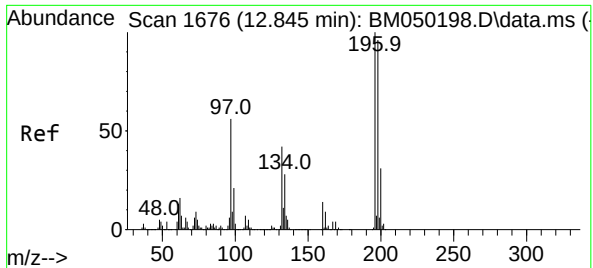
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#42
2,4,6-Tribromophenol
Concen: 79.136 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

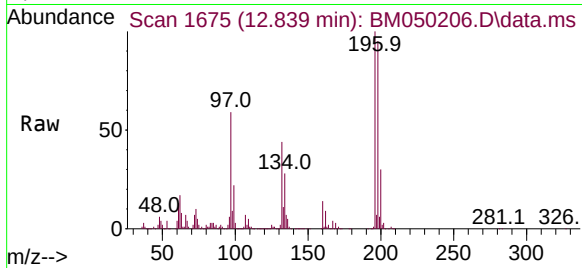
Tgt Ion: 330 Resp: 620289
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 36.6 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 38.765 ng
RT: 12.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

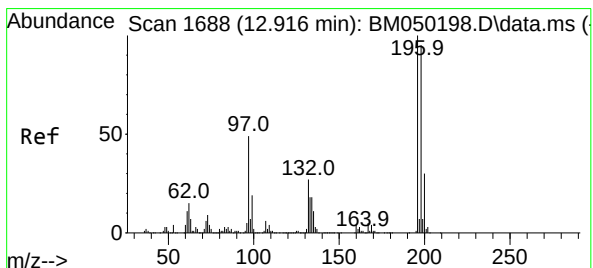
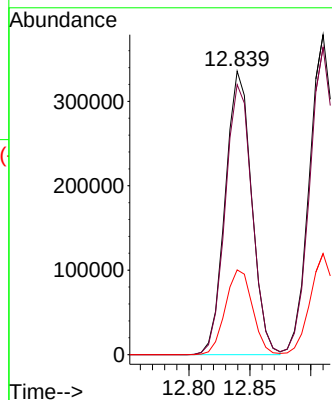
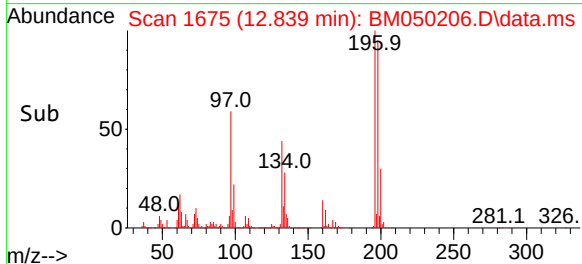
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



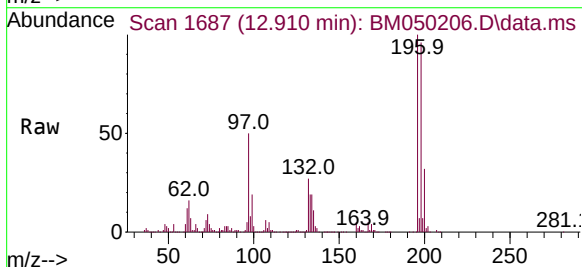
Tgt Ion:196 Resp: 507284
Ion Ratio Lower Upper
196 100
198 95.3 76.6 115.0
200 29.9 24.5 36.7

Manual Integrations
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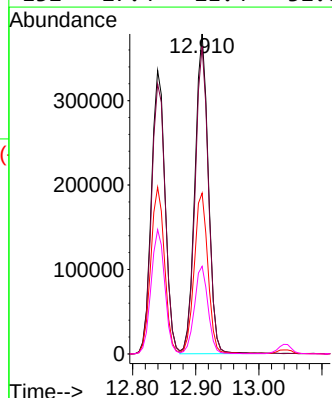
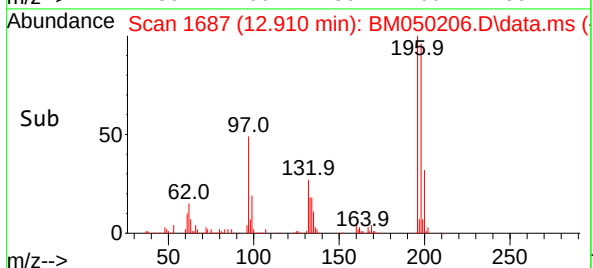
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

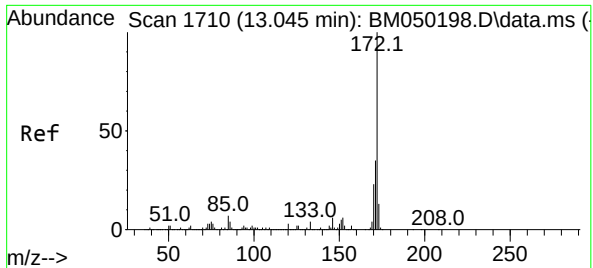


#44
2,4,5-Trichlorophenol
Concen: 38.997 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



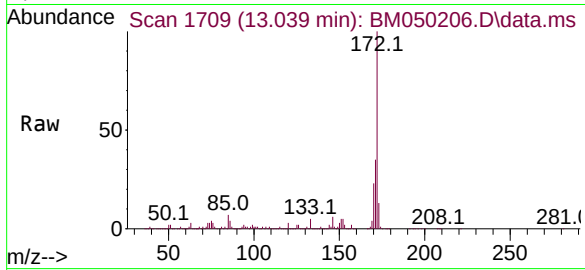
Tgt Ion:196 Resp: 560298
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
97 50.2 39.3 58.9
132 27.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 75.430 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

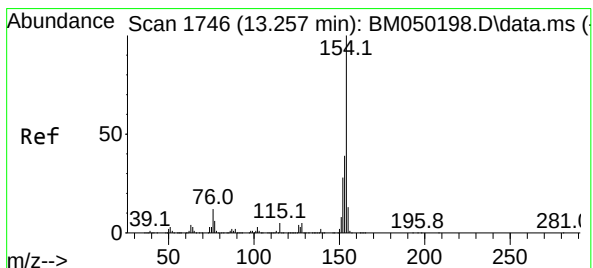
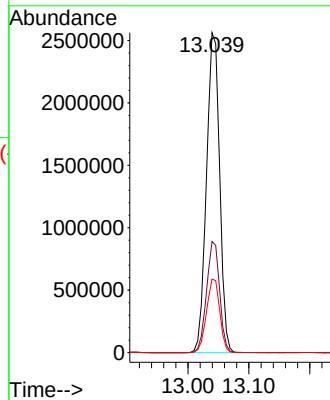
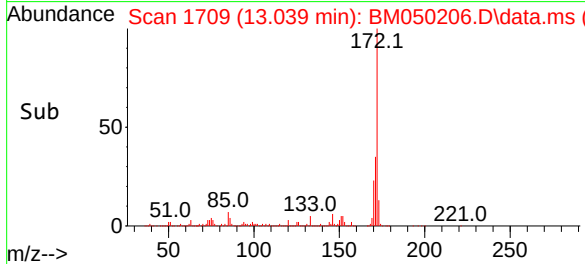
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



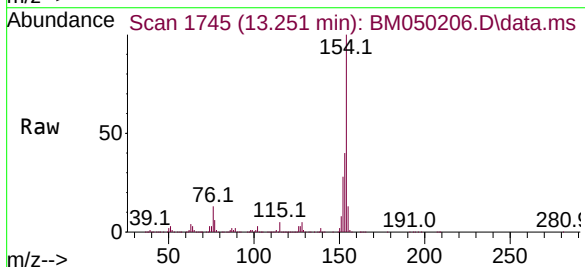
Tgt Ion:172 Resp: 3839452
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.0 18.6 27.8

Manual Integrations
APPROVED

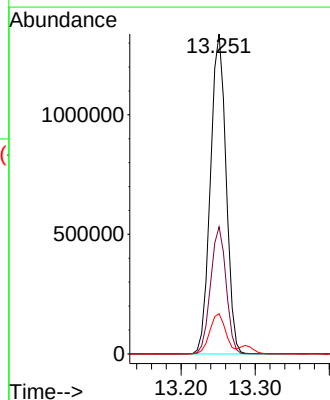
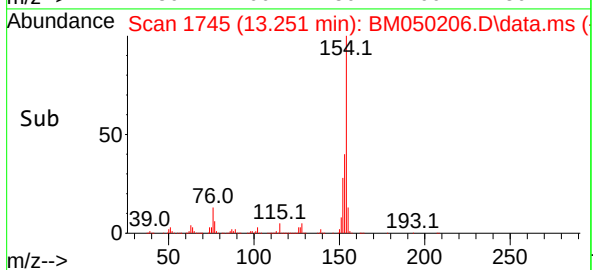
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

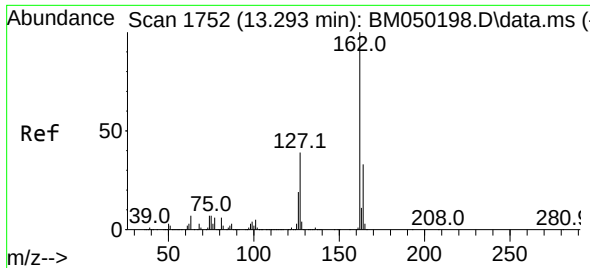


#46
1,1'-Biphenyl
Concen: 37.948 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



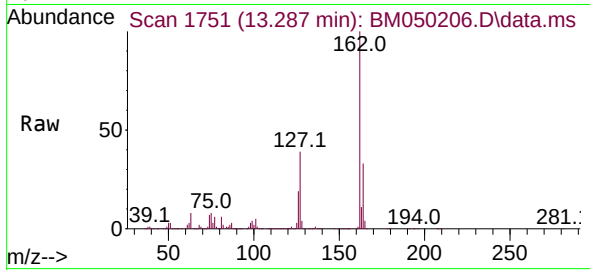
Tgt Ion:154 Resp: 1958151
Ion Ratio Lower Upper
154 100
153 39.7 19.2 59.2
76 12.6 0.0 32.0





#47
2-Chloronaphthalene
Concen: 37.627 ng
RT: 13.287 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

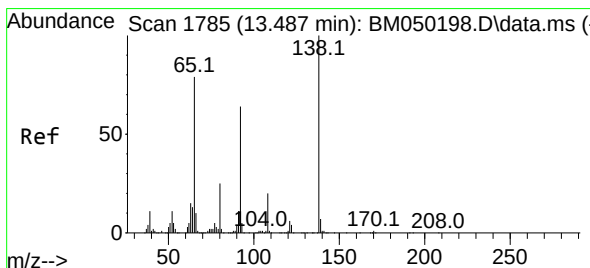
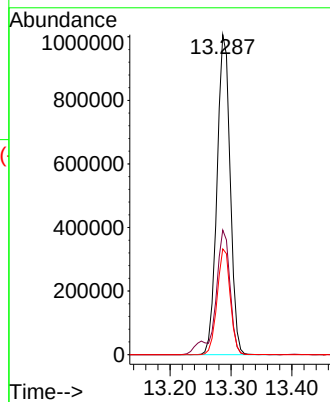
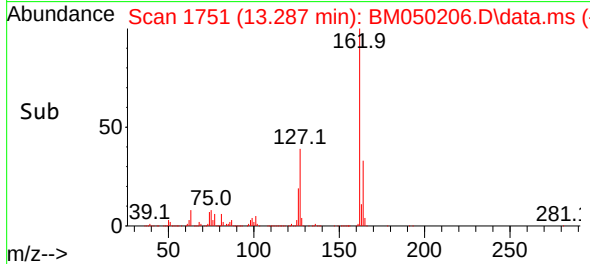
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 1509448
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 33.0 26.5 39.7

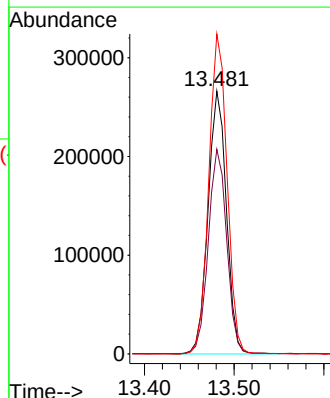
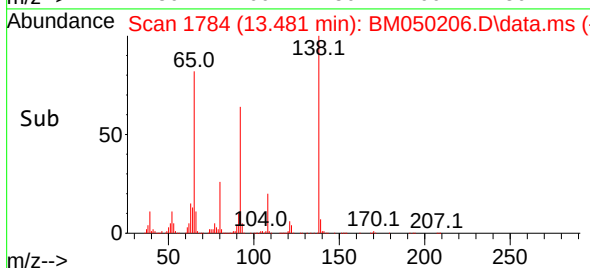
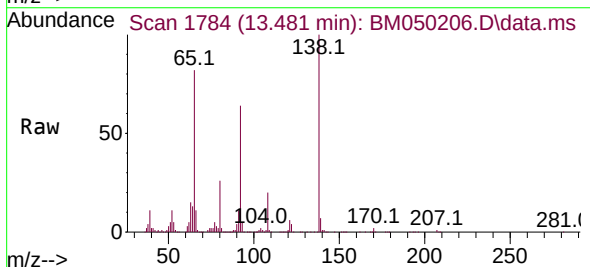
Manual Integrations
APPROVED

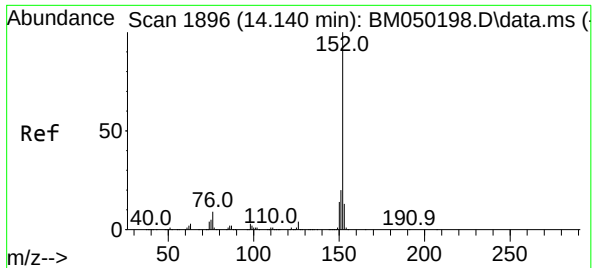
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#48
2-Nitroaniline
Concen: 42.889 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

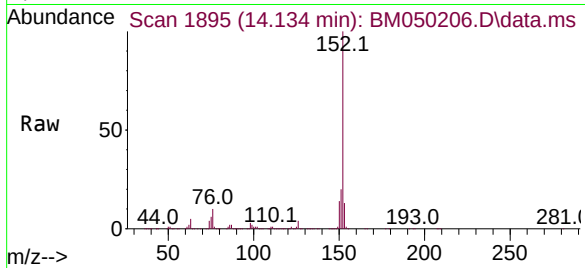
Tgt Ion: 65 Resp: 378628
Ion Ratio Lower Upper
65 100
92 77.9 64.2 96.4
138 121.8 101.0 151.4





#49
Acenaphthylene
Concen: 38.892 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

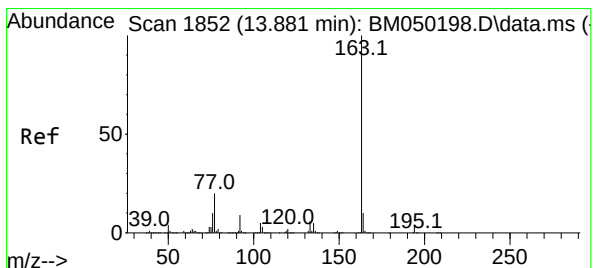
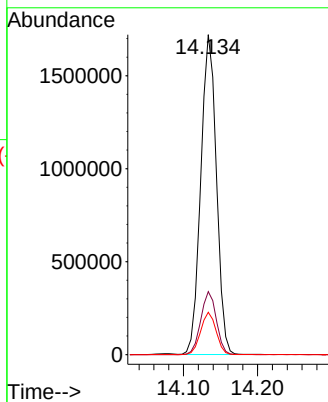
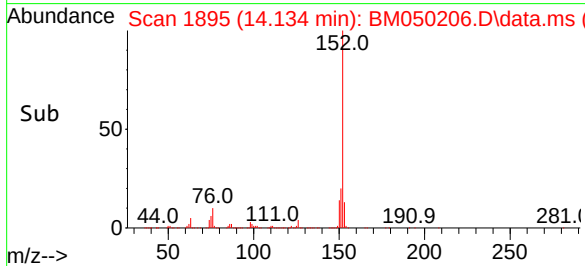
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 2523562
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.2 10.4 15.6

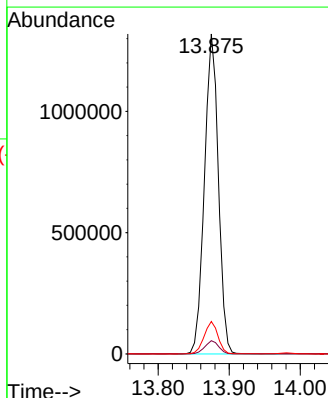
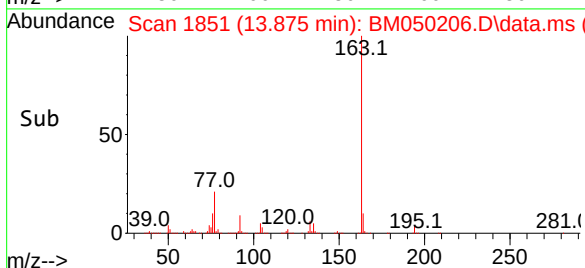
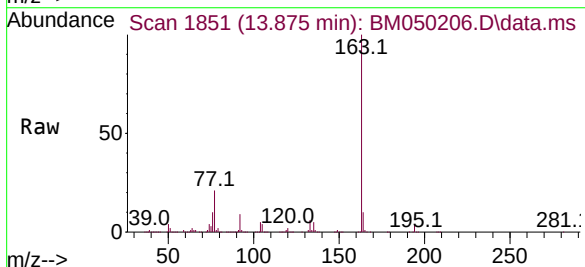
Manual Integrations
APPROVED

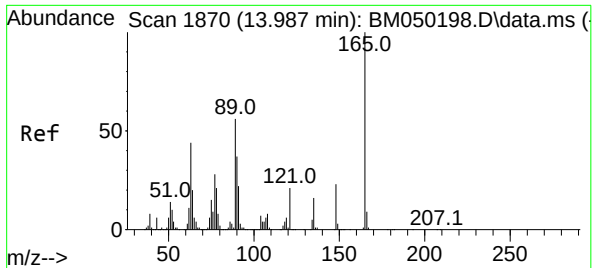
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#50
Dimethylphthalate
Concen: 38.410 ng
RT: 13.875 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

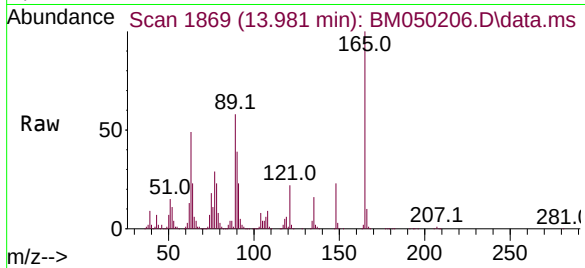
Tgt Ion:163 Resp: 1790111
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 40.888 ng
RT: 13.981 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

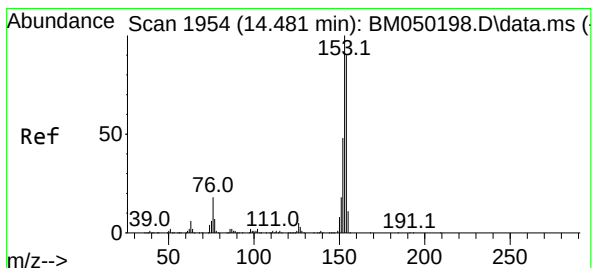
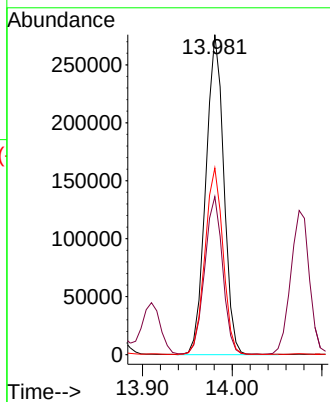
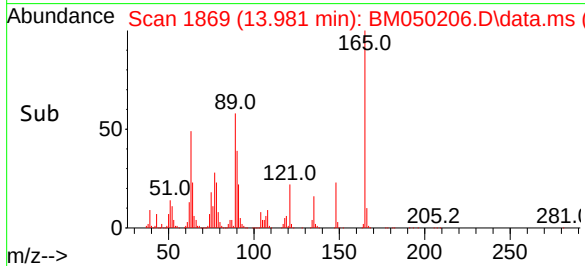
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 384299
Ion Ratio Lower Upper
165 100
63 49.4 35.8 53.6
89 58.3 44.8 67.2

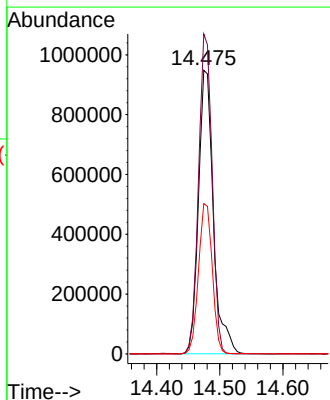
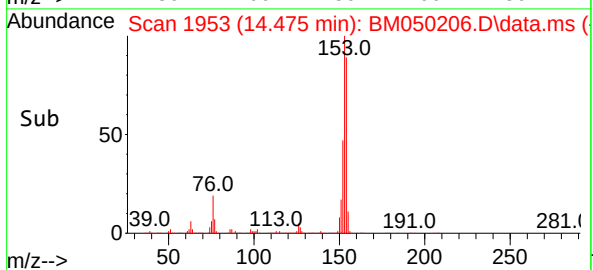
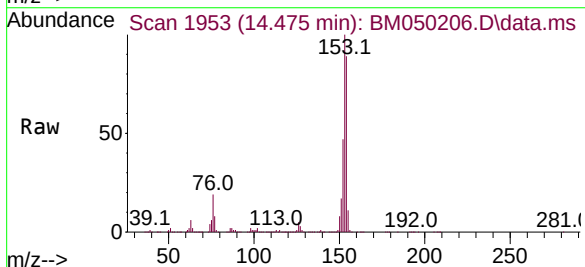
Manual Integrations
APPROVED

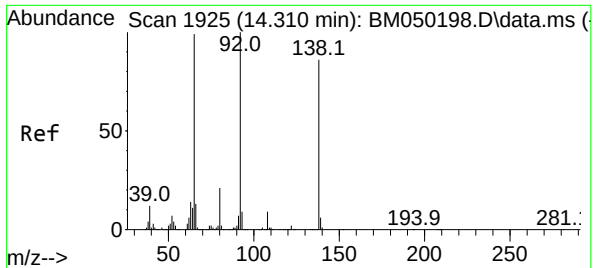
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#52
Acenaphthene
Concen: 38.236 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

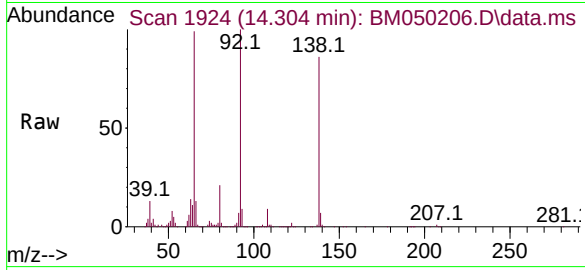
Tgt Ion:154 Resp: 1551786
Ion Ratio Lower Upper
154 100
153 112.9 88.7 133.1
152 53.0 42.6 63.8





#53
3-Nitroaniline
Concen: 42.897 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

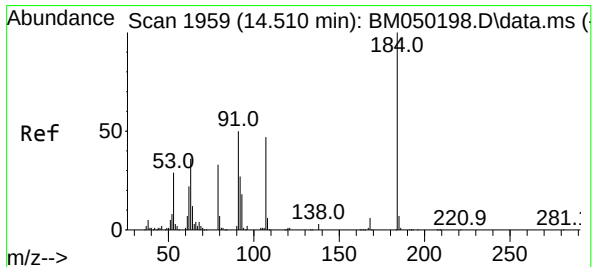
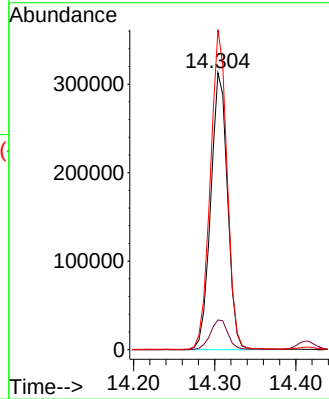
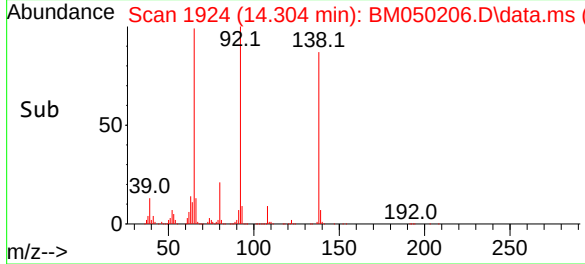
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 44934
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 115.7 92.9 139.3

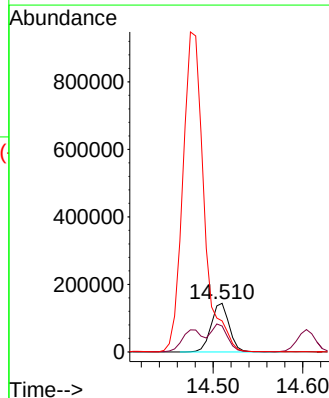
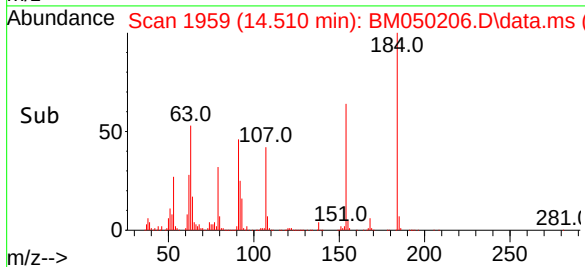
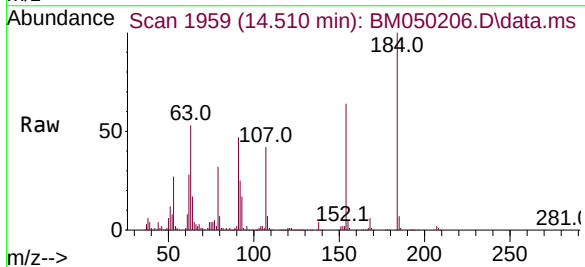
Manual Integrations
APPROVED

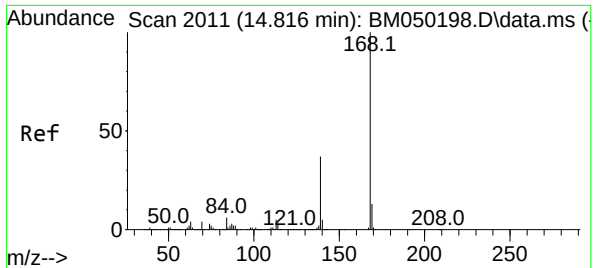
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#54
2,4-Dinitrophenol
Concen: 36.153 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

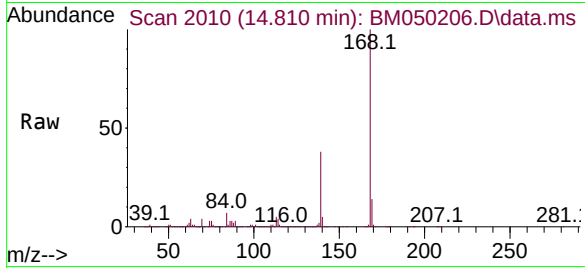
Tgt Ion:184 Resp: 200814
Ion Ratio Lower Upper
184 100
63 53.2 45.3 67.9
154 63.8 54.3 81.5





#55
Dibenzenofuran
Concen: 38.277 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

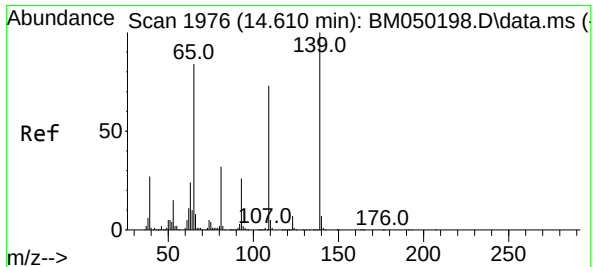
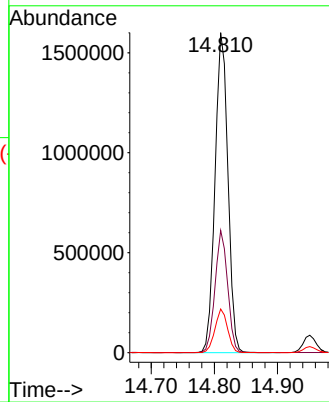
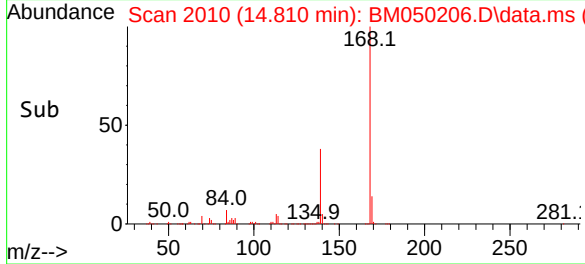
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 2272697
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 13.6 10.6 16.0

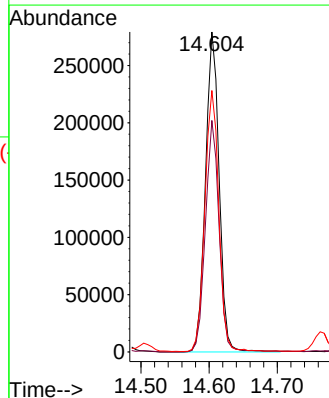
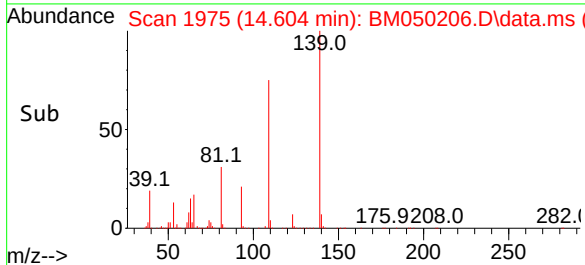
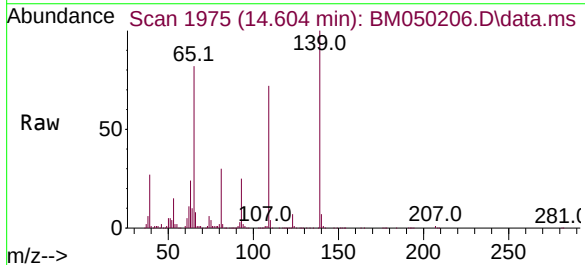
Manual Integrations
APPROVED

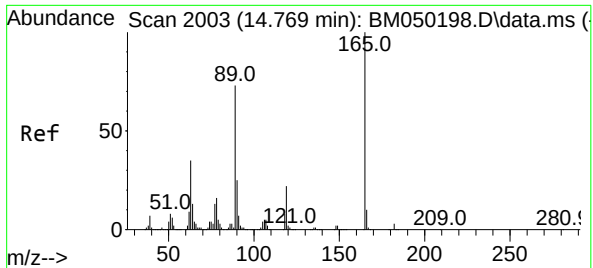
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#56
4-Nitrophenol
Concen: 43.731 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

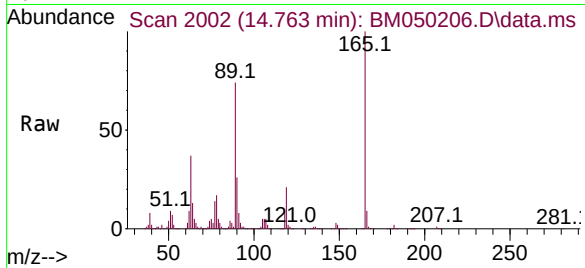
Tgt Ion:139 Resp: 389884
Ion Ratio Lower Upper
139 100
109 72.3 52.6 92.6
65 81.7 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 42.964 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

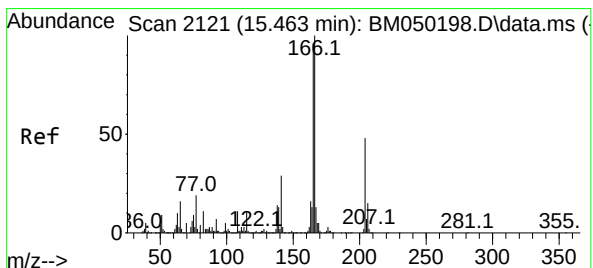
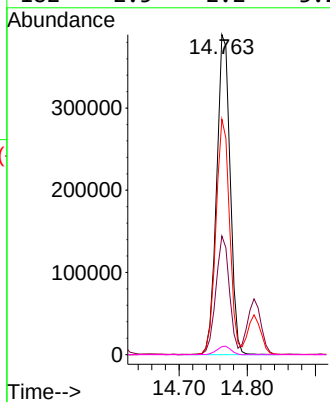
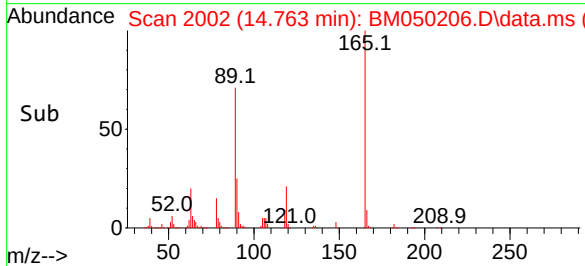
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 532672
Ion Ratio Lower Upper
165 100
63 37.1 28.4 42.6
89 73.6 58.0 87.0
182 2.5 2.2 3.2

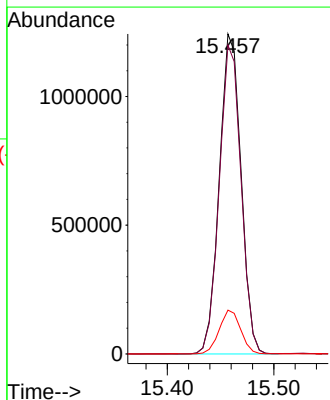
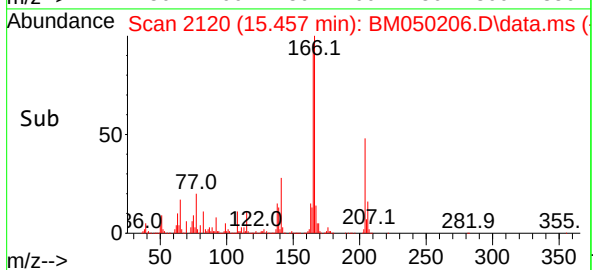
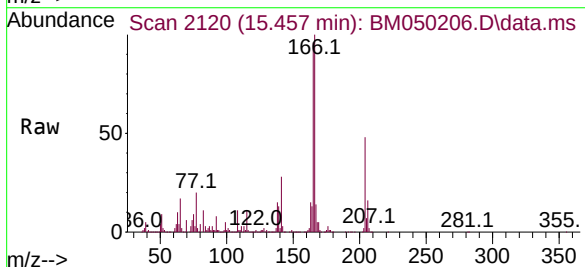
Manual Integrations
APPROVED

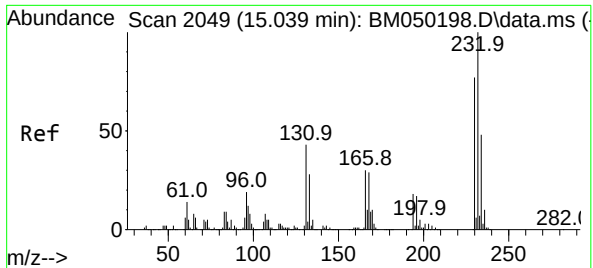
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#58
Fluorene
Concen: 38.827 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

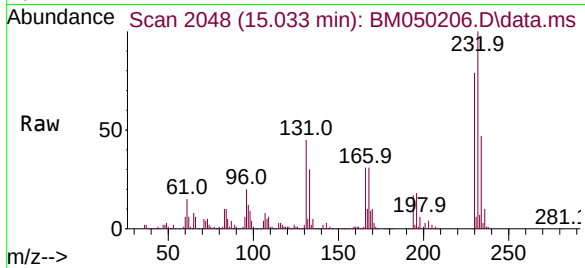
Tgt Ion:166 Resp: 1765716
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.278 ng m
RT: 15.033 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

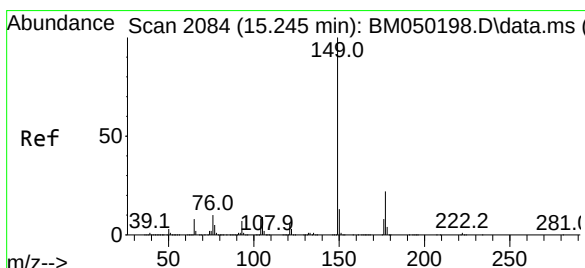
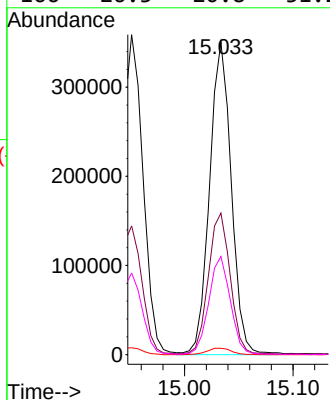
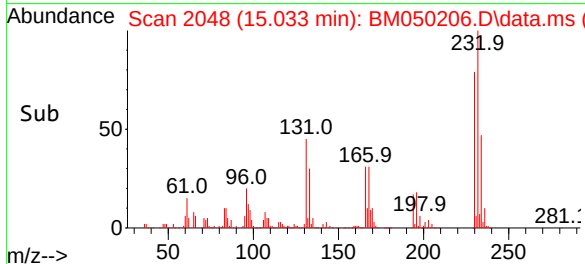
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



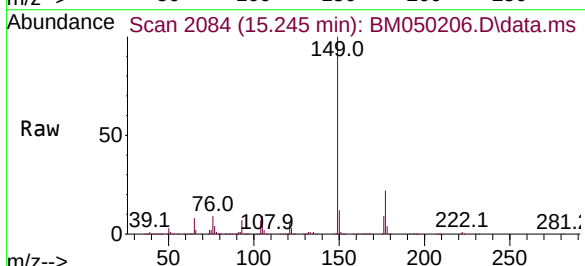
Tgt Ion:232 Resp: 48825
Ion Ratio Lower Upper
232 100
131 41.9 32.9 49.3
130 2.4 1.8 2.8
166 26.3 20.8 31.2

Manual Integrations
APPROVED

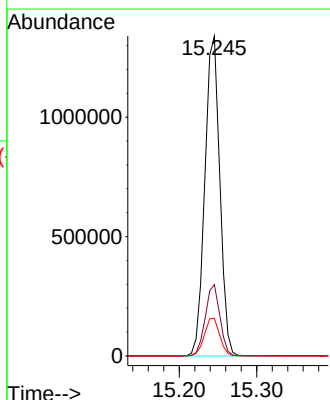
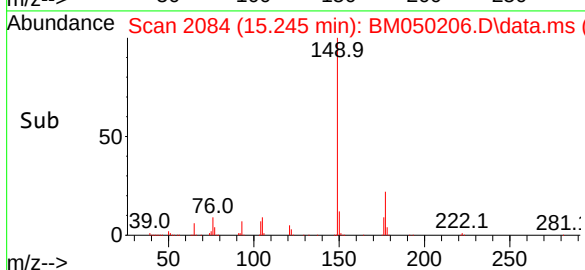
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

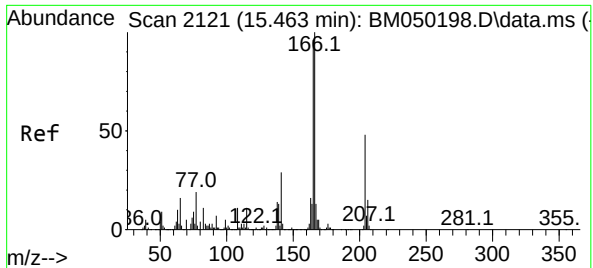


#60
Diethylphthalate
Concen: 38.840 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



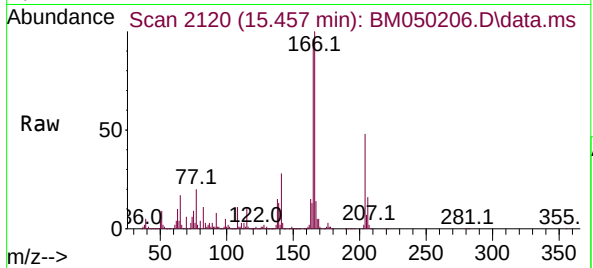
Tgt Ion:149 Resp: 1796036
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 11.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.098 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

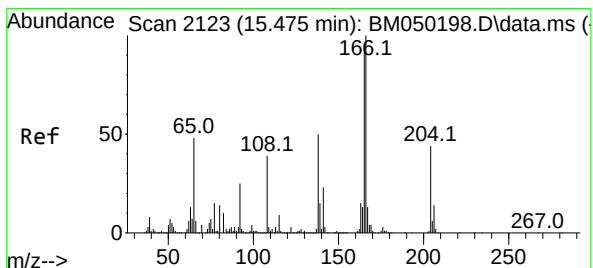
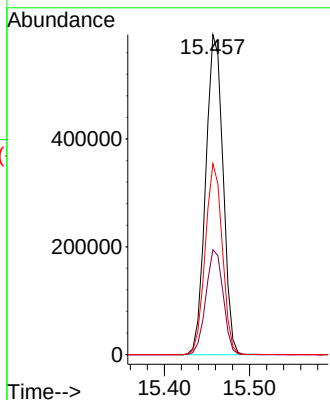
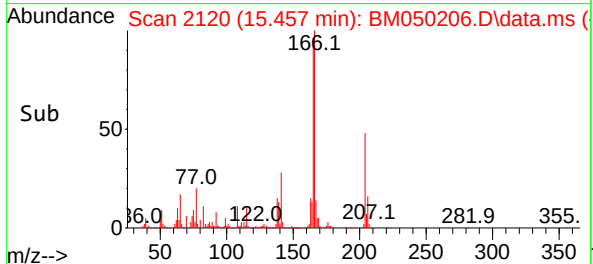
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



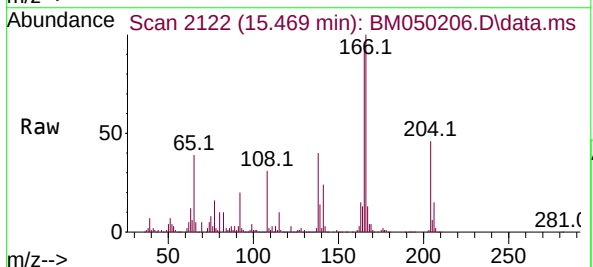
Tgt Ion:204 Resp: 837345
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 59.7 47.9 71.9

Manual Integrations
APPROVED

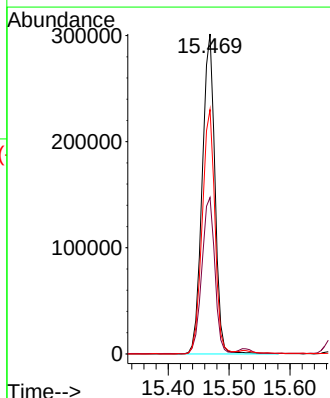
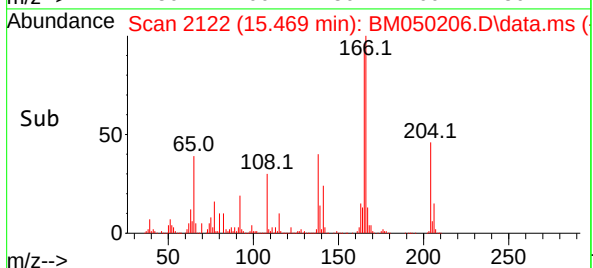
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

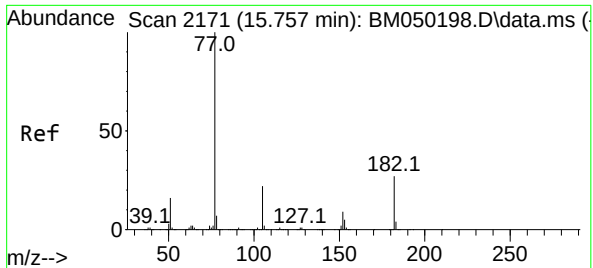


#62
4-Nitroaniline
Concen: 44.421 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



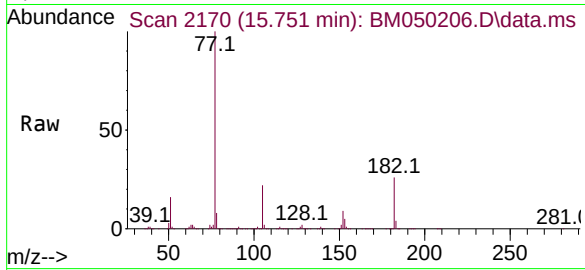
Tgt Ion:138 Resp: 436112
Ion Ratio Lower Upper
138 100
92 48.9 28.8 68.8
108 76.4 58.1 98.1





#63
Azobenzene
Concen: 38.570 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

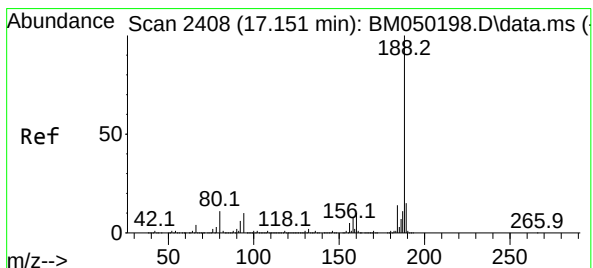
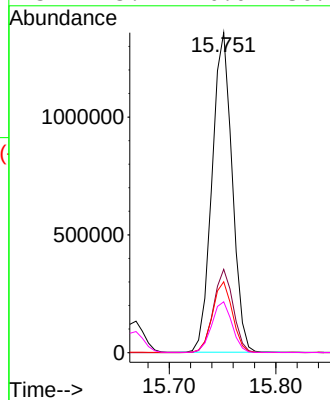
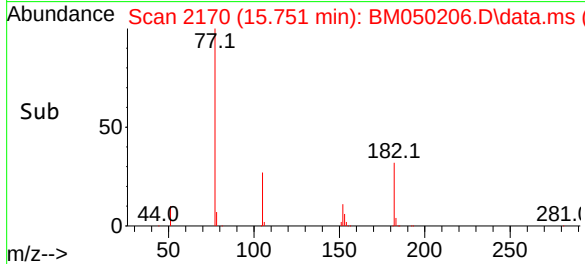
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1782694
Ion Ratio Lower Upper
77 100
182 26.0 6.8 46.8
105 22.1 1.7 41.7
51 15.9 0.0 36.2

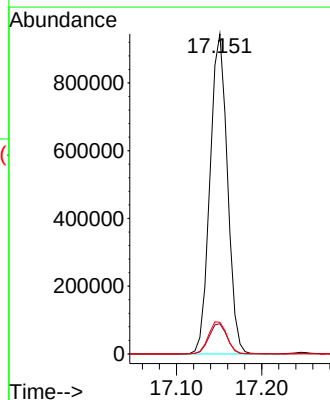
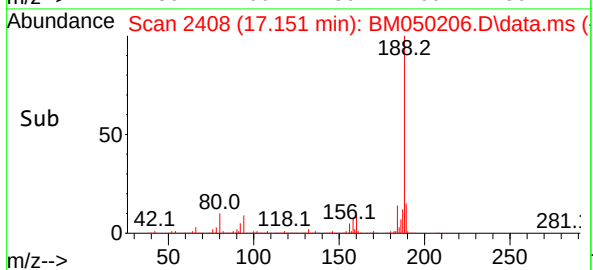
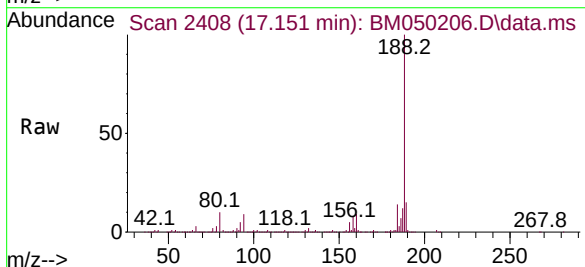
Manual Integrations
APPROVED

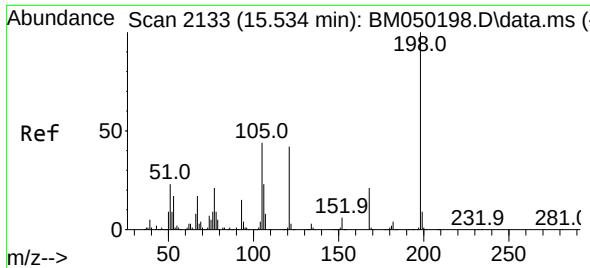
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

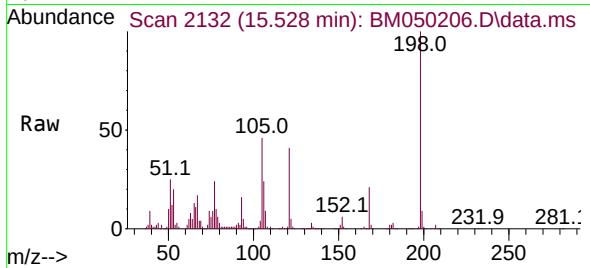
Tgt Ion:188 Resp: 1340068
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 9.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 38.537 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

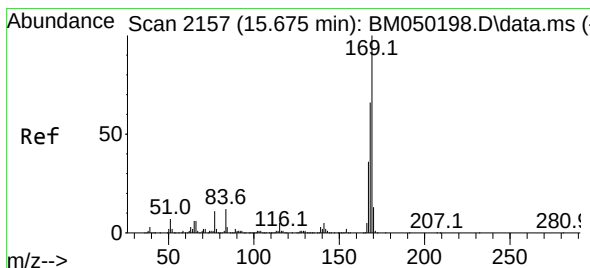
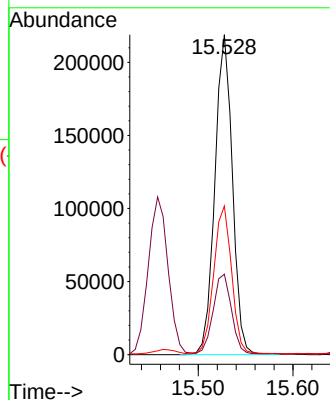
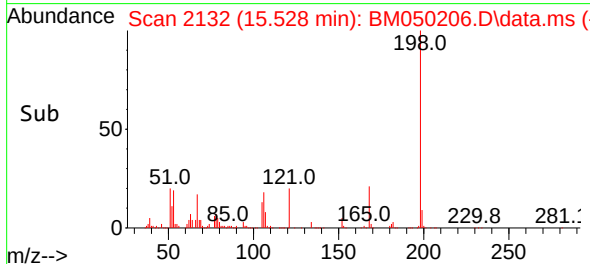
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 282062
Ion Ratio Lower Upper
198 100
51 25.1 4.5 44.5
105 46.4 24.9 64.9

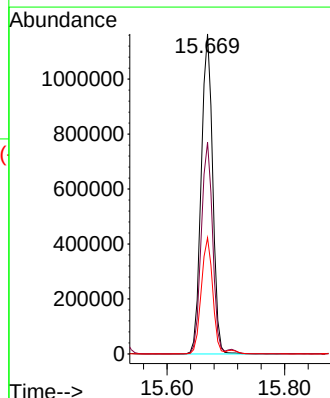
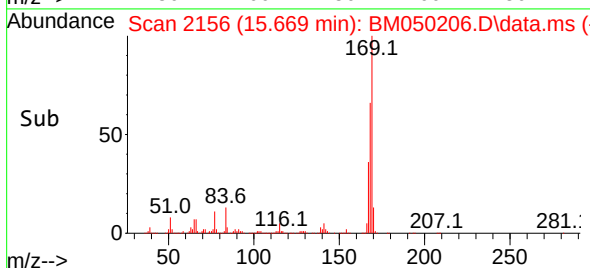
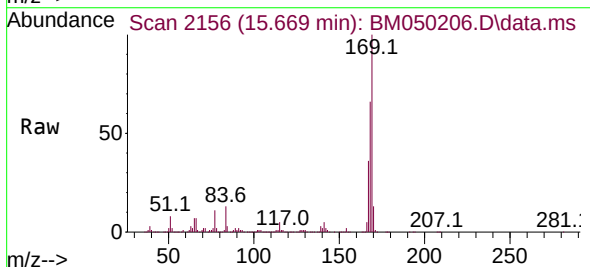
Manual Integrations
APPROVED

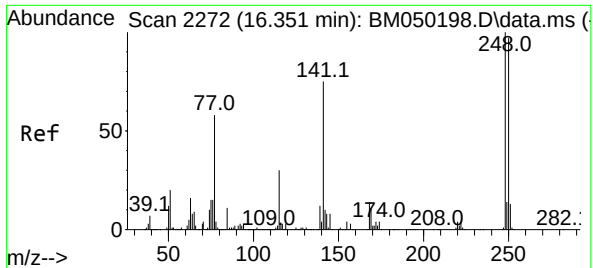
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 37.303 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

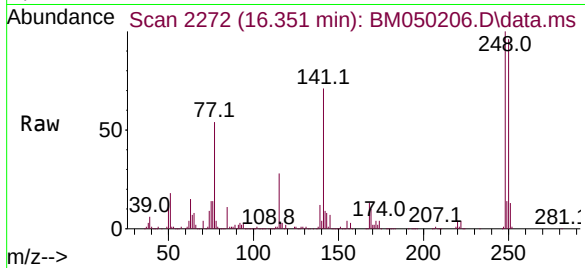
Tgt Ion:169 Resp: 1570660
Ion Ratio Lower Upper
169 100
168 66.1 53.1 79.7
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 37.127 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

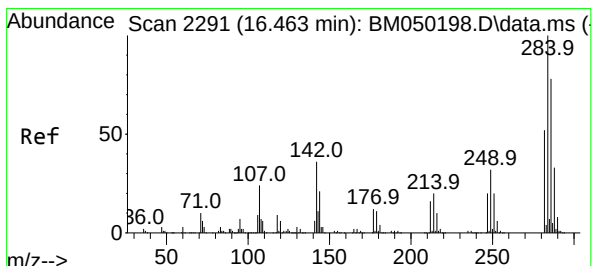
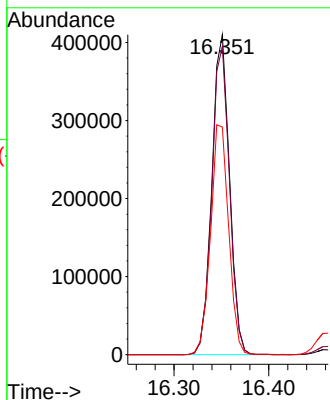
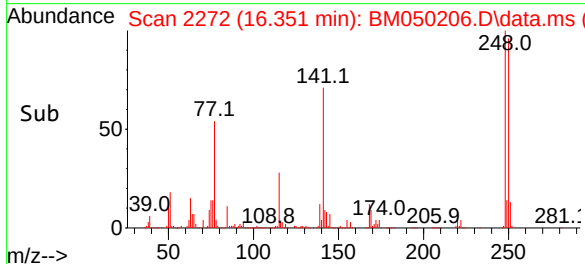
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



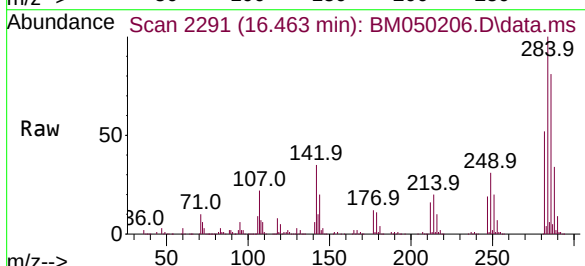
Tgt Ion:248 Resp: 530560
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 71.1 60.1 90.1

Manual Integrations
APPROVED

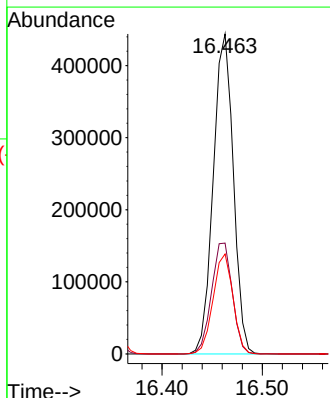
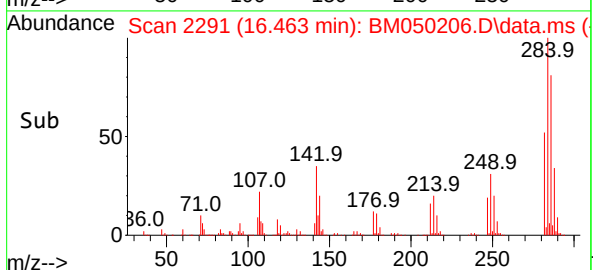
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

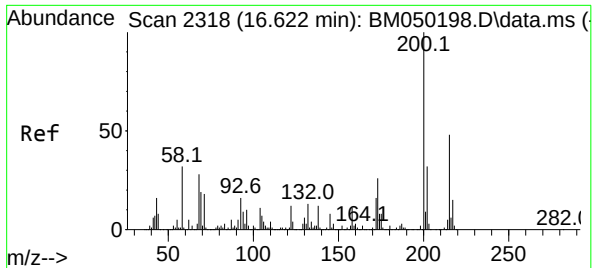


#68
Hexachlorobenzene
Concen: 37.029 ng
RT: 16.463 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



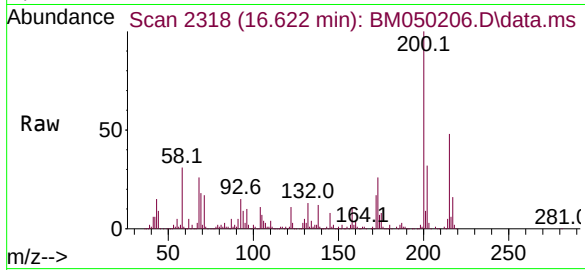
Tgt Ion:284 Resp: 618250
Ion Ratio Lower Upper
284 100
142 34.6 28.8 43.2
249 31.2 25.8 38.6





#69
Atrazine
Concen: 39.149 ng
RT: 16.622 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

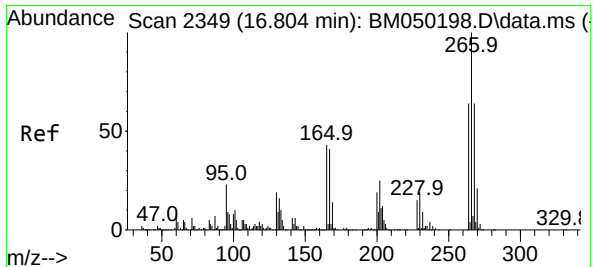
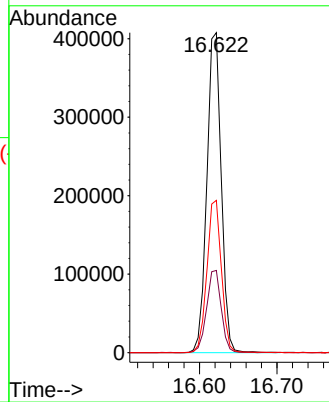
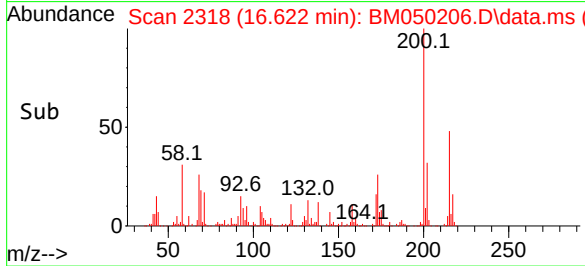
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



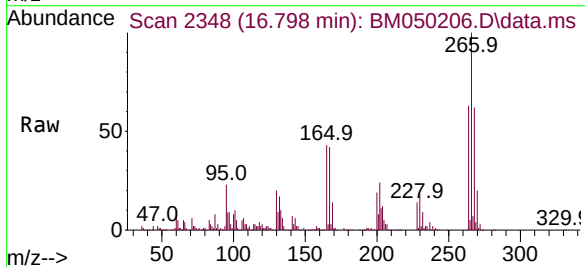
Tgt Ion:200 Resp: 525229
Ion Ratio Lower Upper
200 100
173 25.7 6.0 46.0
215 47.6 28.1 68.1

Manual Integrations
APPROVED

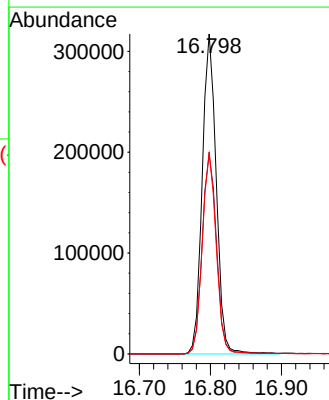
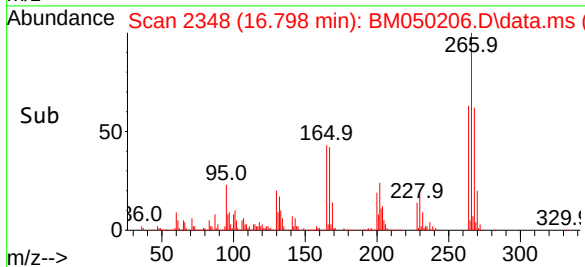
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

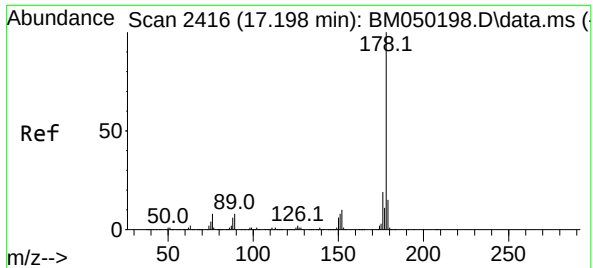


#70
Pentachlorophenol
Concen: 39.867 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



Tgt Ion:266 Resp: 432754
Ion Ratio Lower Upper
266 100
268 62.4 51.0 76.6
264 63.1 50.8 76.2





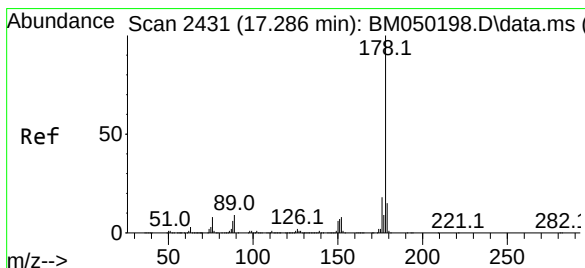
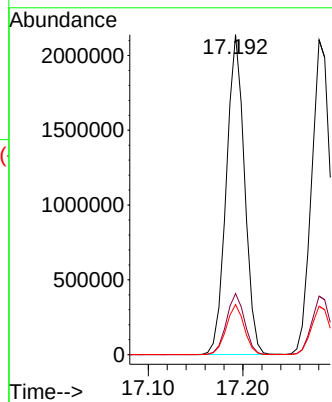
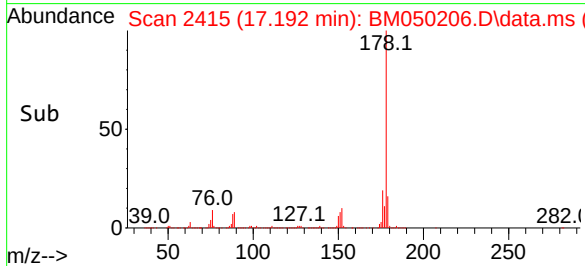
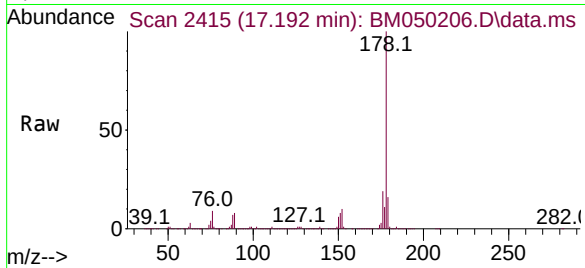
#71
Phenanthrene
Concen: 37.277 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 285366
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.6 12.3 18.5

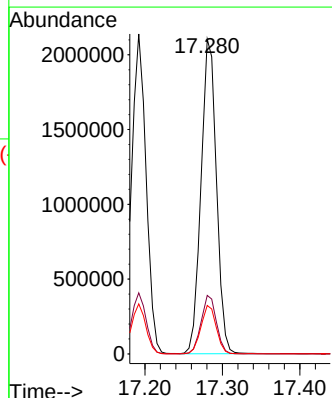
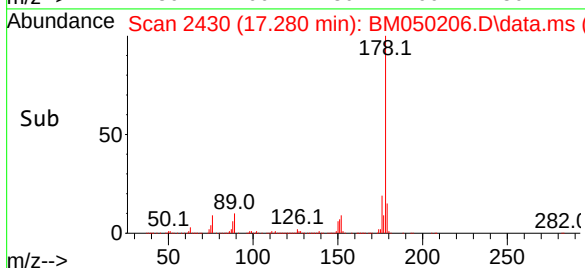
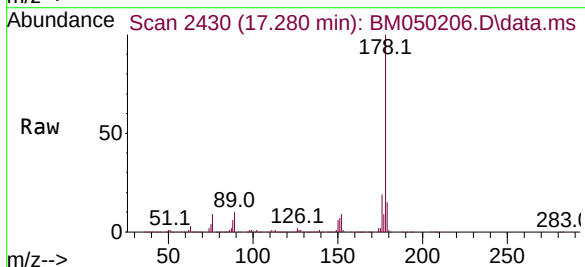
Manual Integrations
APPROVED

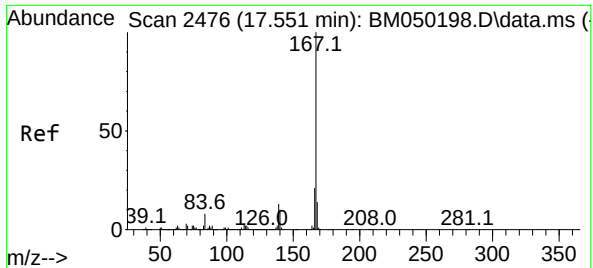
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#72
Anthracene
Concen: 37.939 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

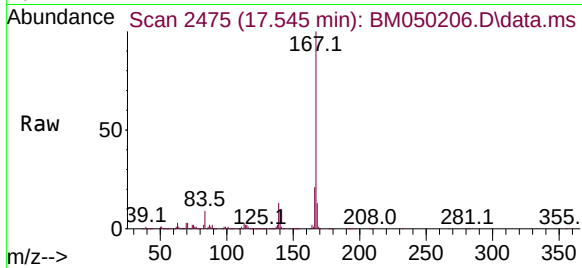
Tgt Ion:178 Resp: 2905493
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.3 18.5





#73
Carbazole
Concen: 39.746 ng
RT: 17.545 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

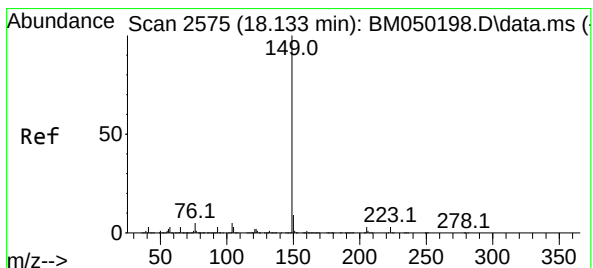
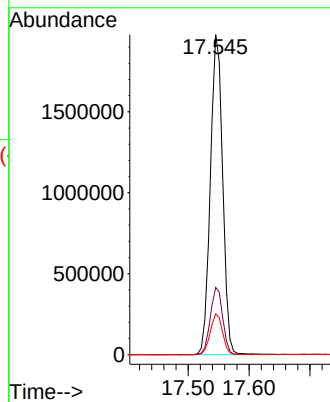
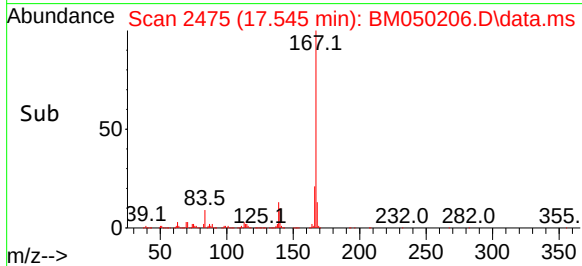
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 2773046
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.8 10.2 15.4

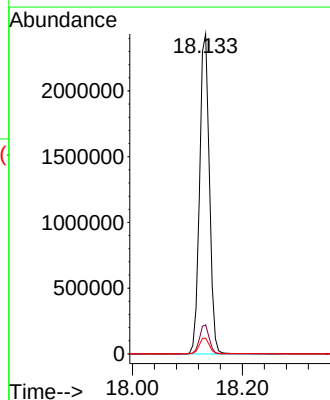
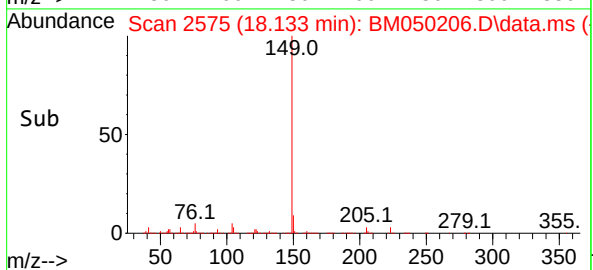
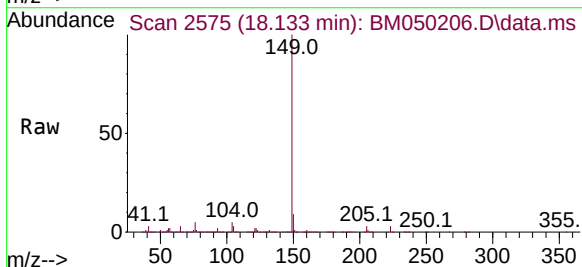
Manual Integrations
APPROVED

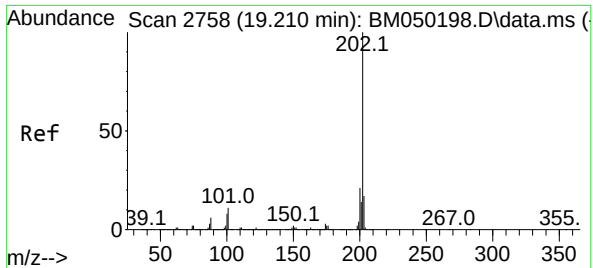
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#74
Di-n-butylphthalate
Concen: 39.501 ng
RT: 18.133 min Scan# 2575
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

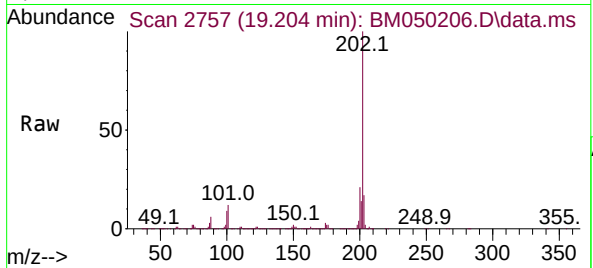
Tgt Ion:149 Resp: 2998727
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 40.545 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

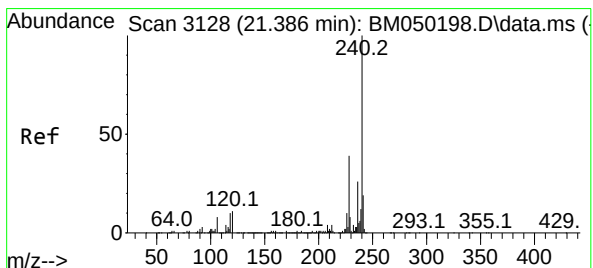
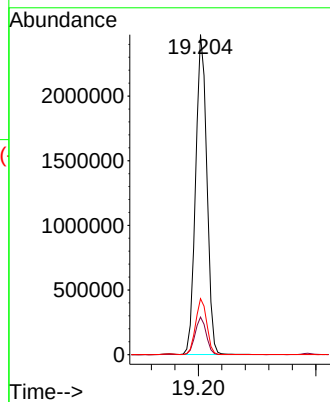
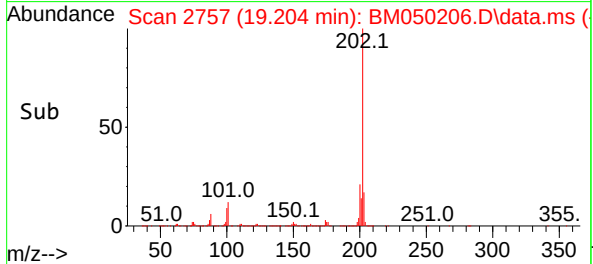
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 327323
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.1
203 17.5 0.0 37.0

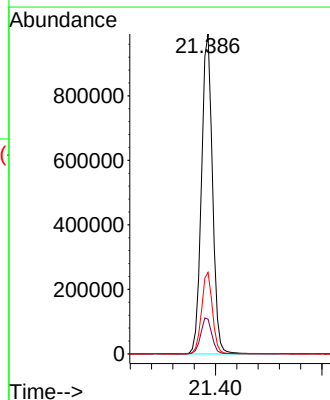
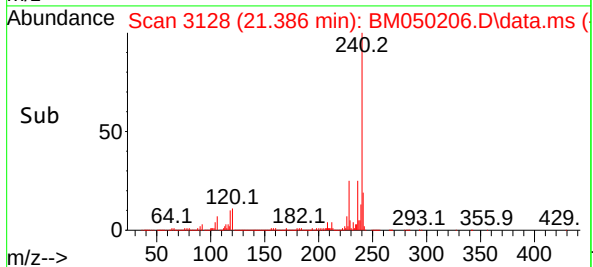
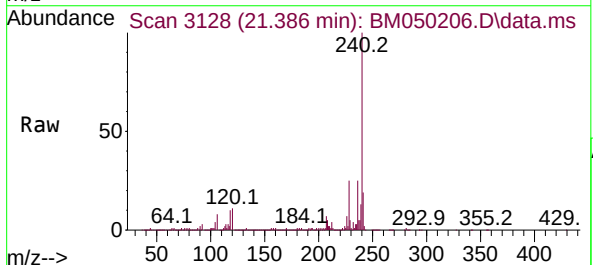
Manual Integrations
APPROVED

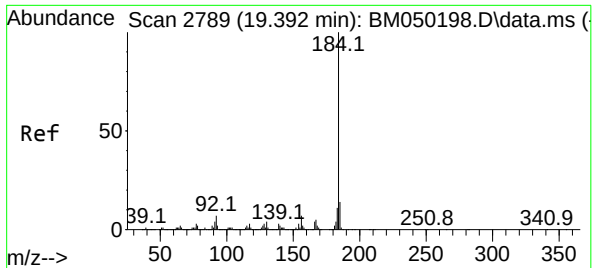
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

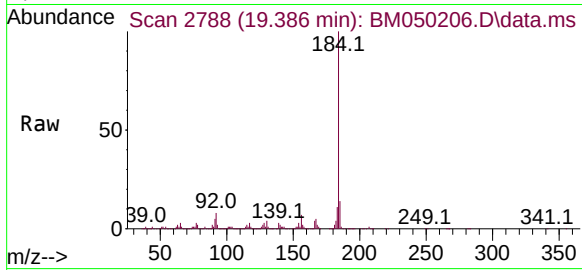
Tgt Ion:240 Resp: 1418635
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.7 31.1





#77
Benzidine
Concen: 41.205 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

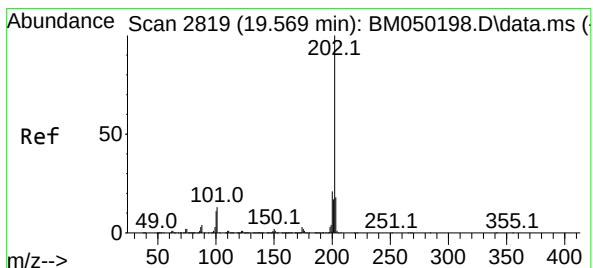
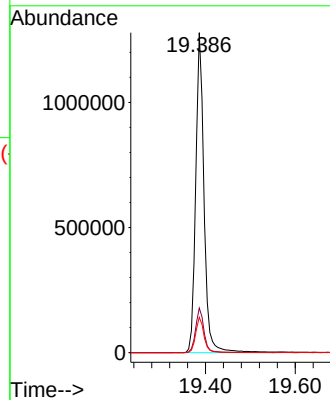
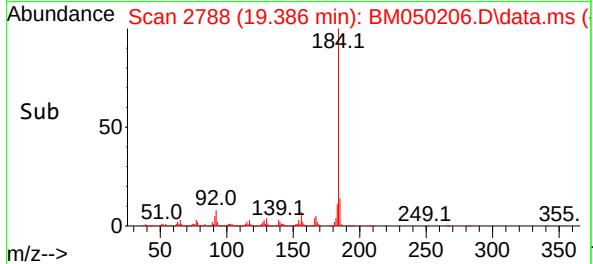
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1643803
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.0 9.0 13.4

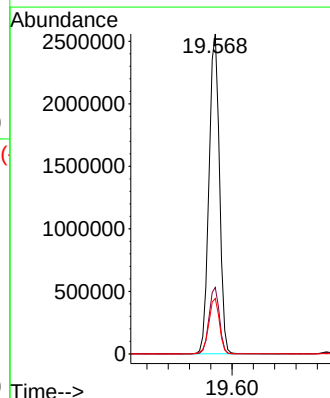
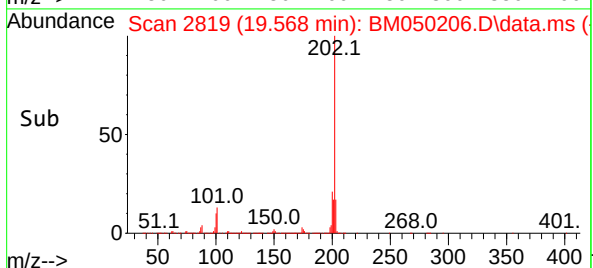
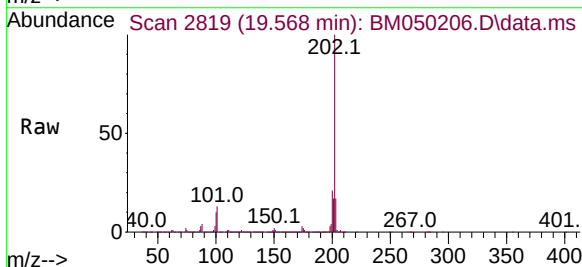
Manual Integrations
APPROVED

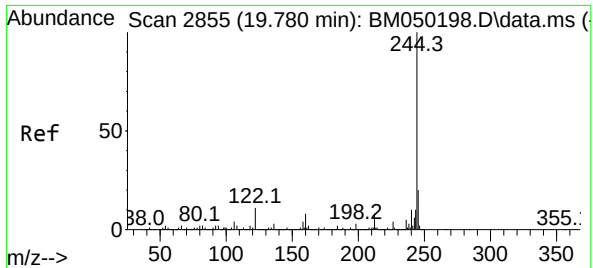
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#78
Pyrene
Concen: 36.402 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion:202 Resp: 3480627
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.3 14.1 21.1





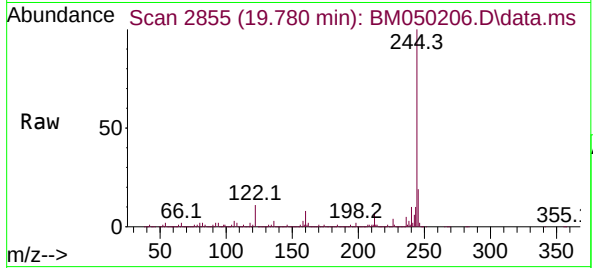
#79
Terphenyl-d14
Concen: 71.419 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



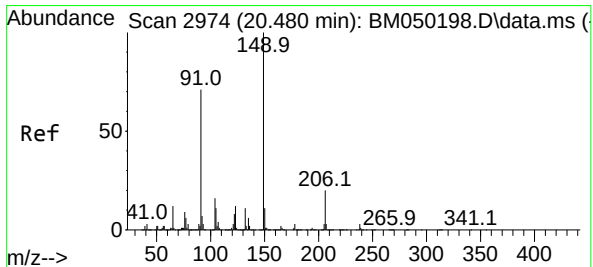
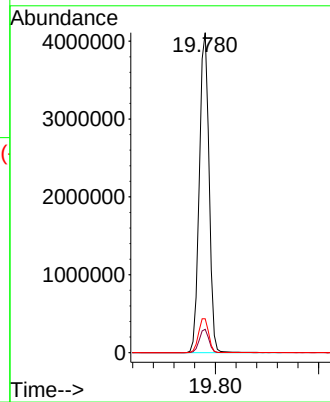
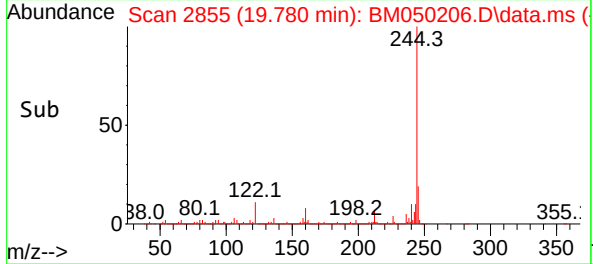
Tgt Ion:244 Resp: 5346511
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.6 8.6 12.8

Manual Integrations

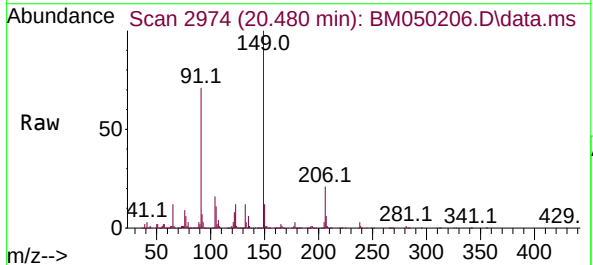
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

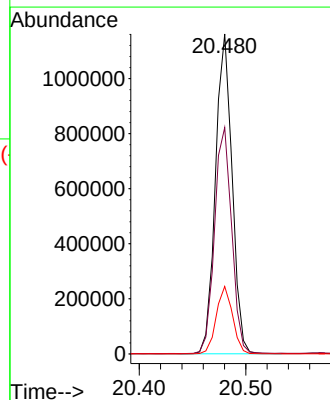
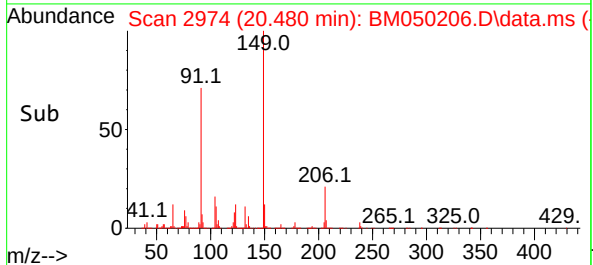
Supervised By :Jagrut Upadhyay 06/09/2025

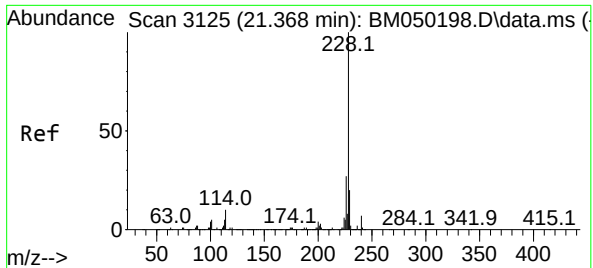


#80
Butylbenzylphthalate
Concen: 39.625 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



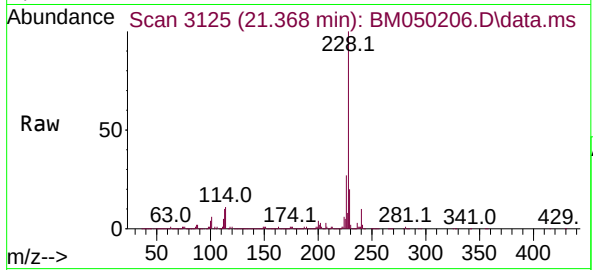
Tgt Ion:149 Resp: 1263821
Ion Ratio Lower Upper
149 100
91 70.7 56.9 85.3
206 21.1 16.1 24.1





#81
Benzo(a)anthracene
Concen: 38.246 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

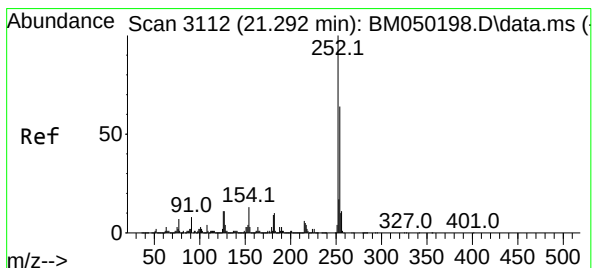
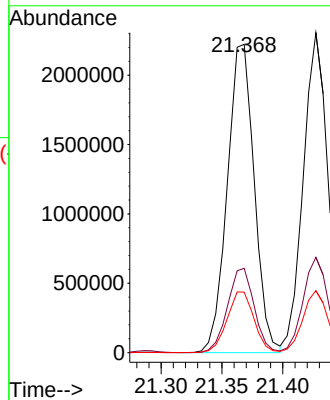
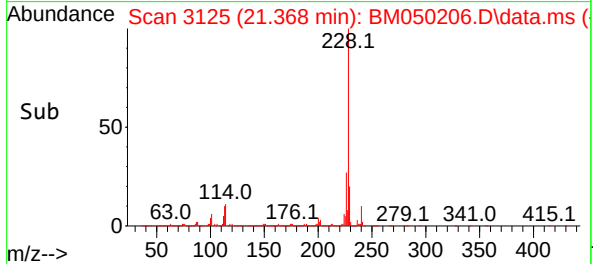
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 3434256
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.6 15.7 23.5

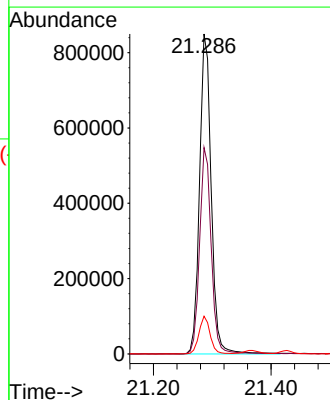
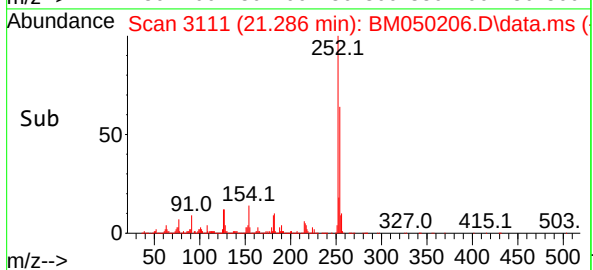
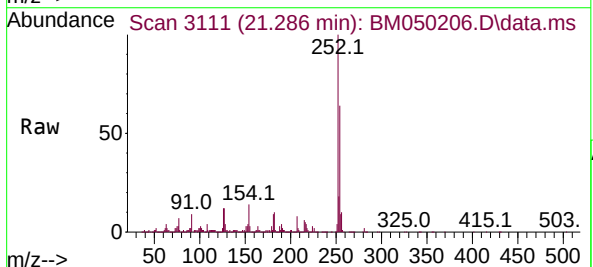
Manual Integrations
APPROVED

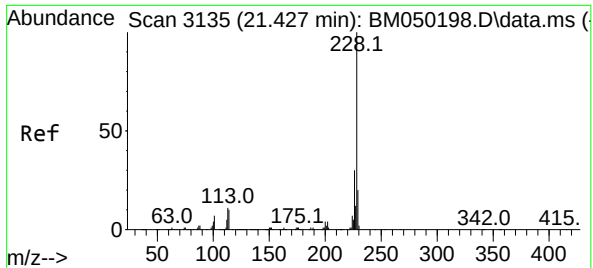
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.536 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

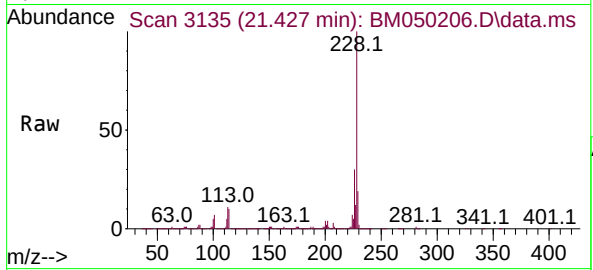
Tgt Ion:252 Resp: 1164749
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 11.8 8.6 12.8





#83
Chrysene
Concen: 38.233 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

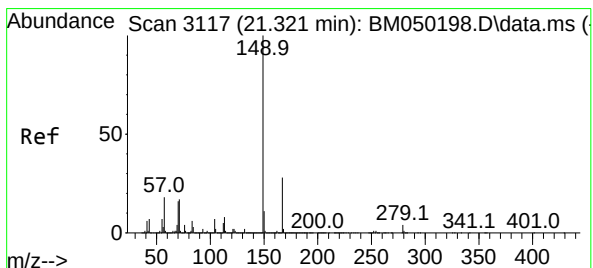
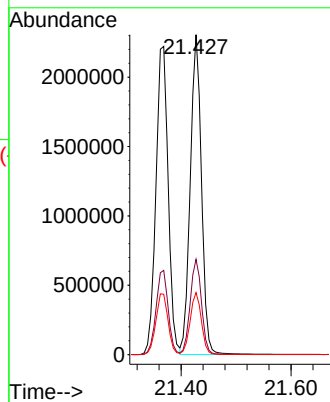
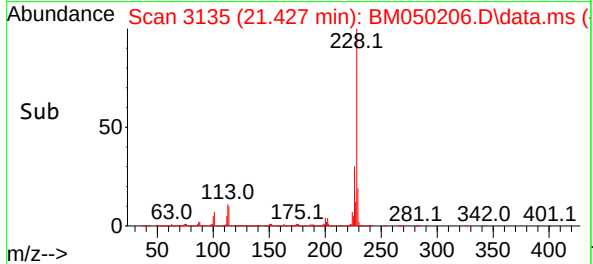
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



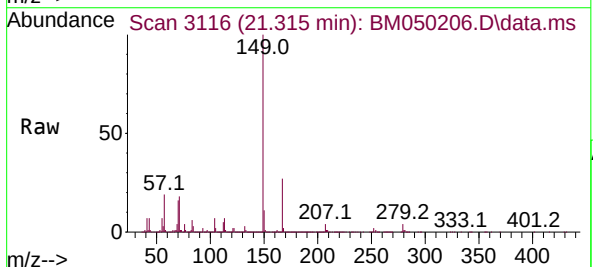
Tgt Ion:228 Resp: 3265582
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.4 15.8 23.8

Manual Integrations
APPROVED

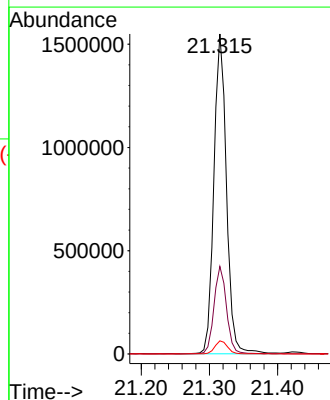
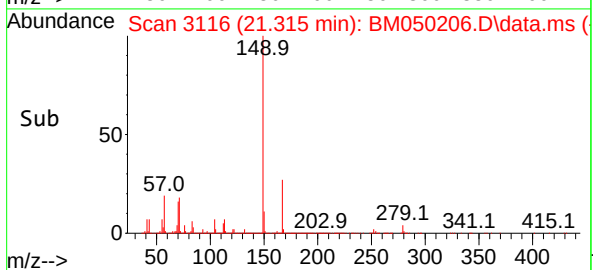
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

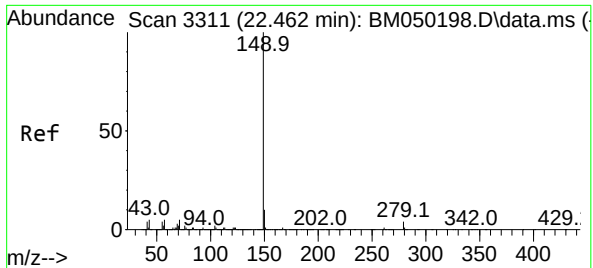


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.364 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



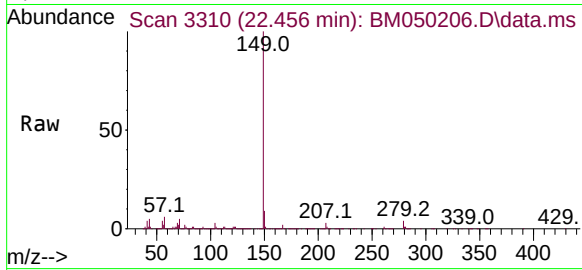
Tgt Ion:149 Resp: 1982996
Ion Ratio Lower Upper
149 100
167 27.3 22.3 33.5
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 43.034 ng
RT: 22.456 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

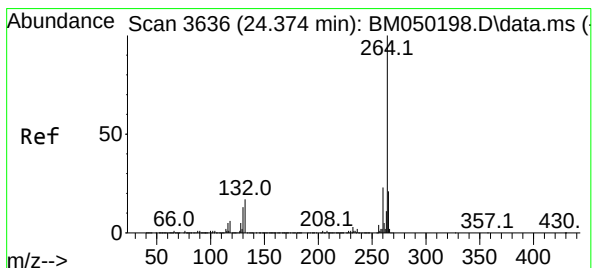
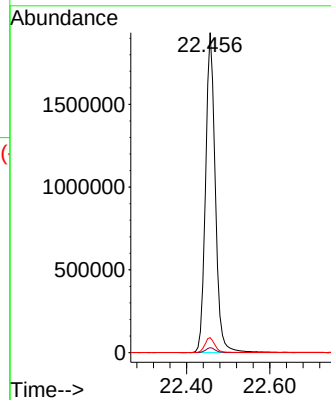
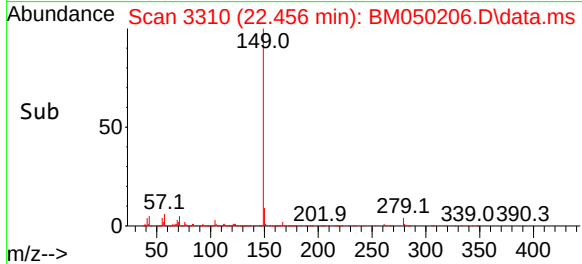
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 3137189
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 4.9 3.8 5.8

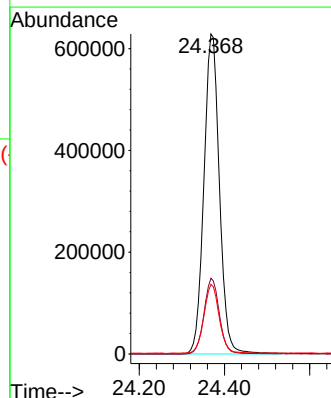
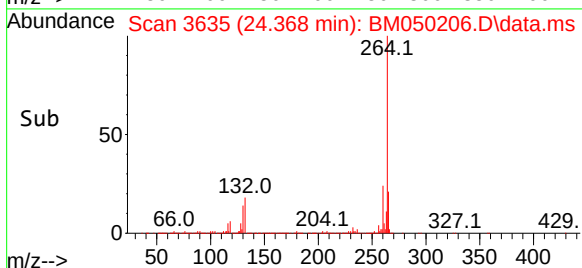
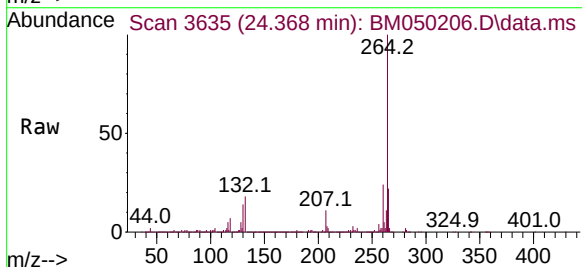
Manual Integrations
APPROVED

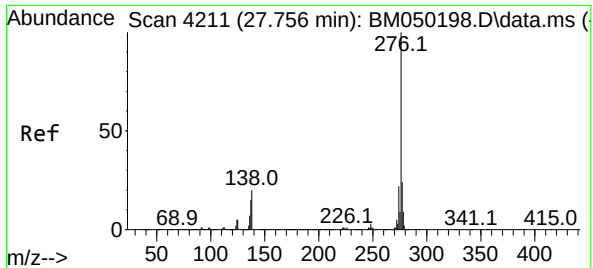
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

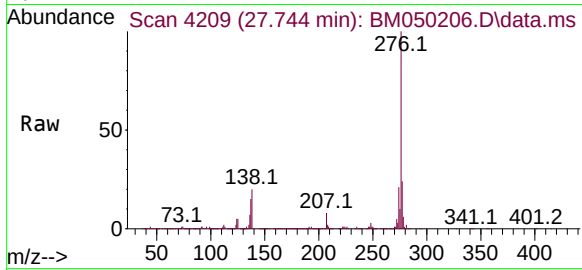
Tgt Ion:264 Resp: 1586724
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.7 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.870 ng
RT: 27.744 min Scan# 4211
Delta R.T. -0.017 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

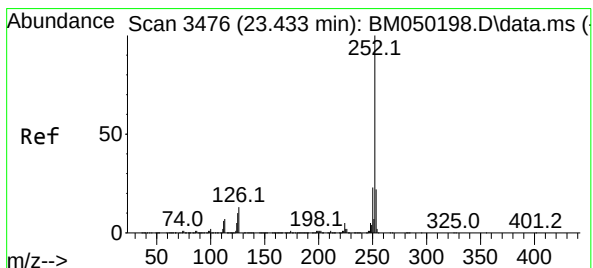
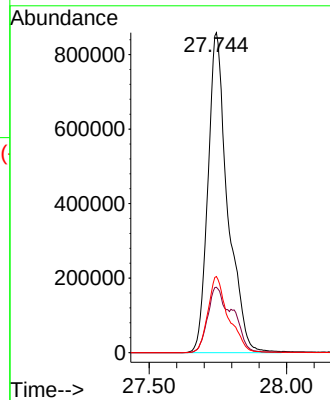
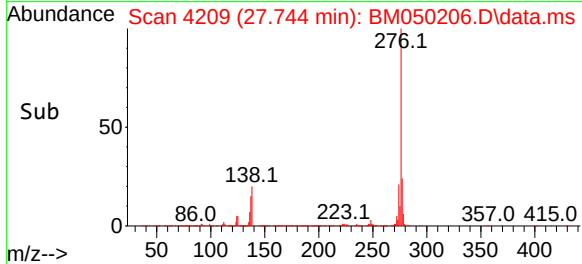
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



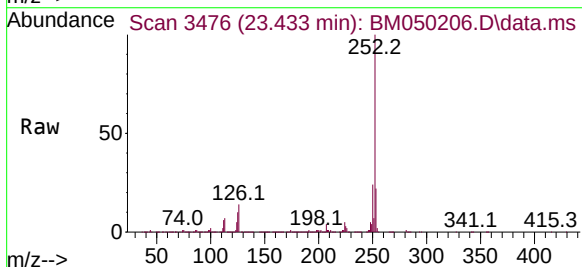
Tgt Ion:276 Resp: 4277699
Ion Ratio Lower Upper
276 100
138 18.6 20.6 30.8
277 24.8 19.8 29.6

Manual Integrations
APPROVED

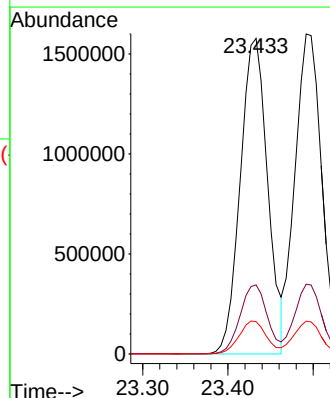
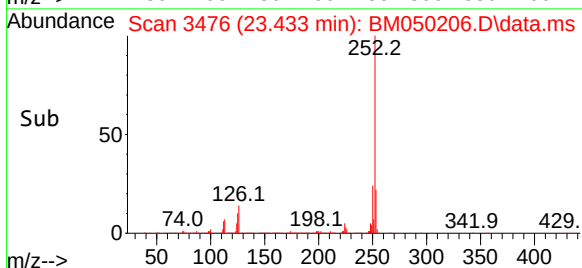
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

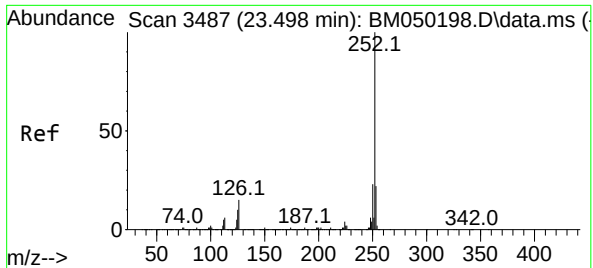


#88
Benzo(b)fluoranthene
Concen: 38.164 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29



Tgt Ion:252 Resp: 3520772
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 37.588 ng

RT: 23.492 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

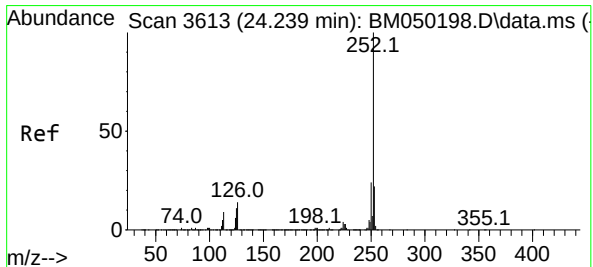
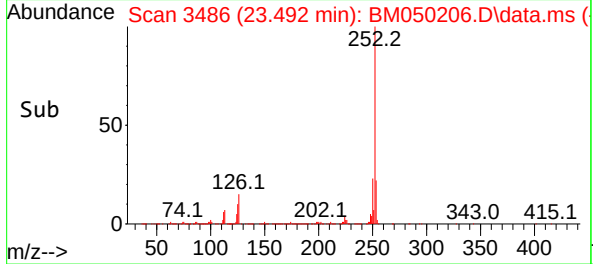
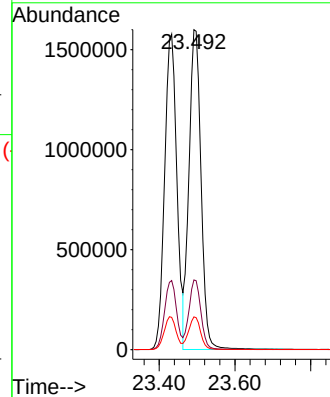
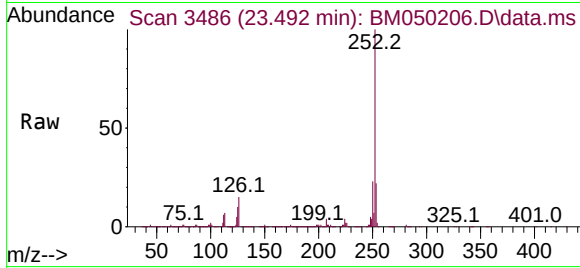
Tgt Ion:252 Resp: 3539956
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



#90

Benzo(a)pyrene

Concen: 39.246 ng

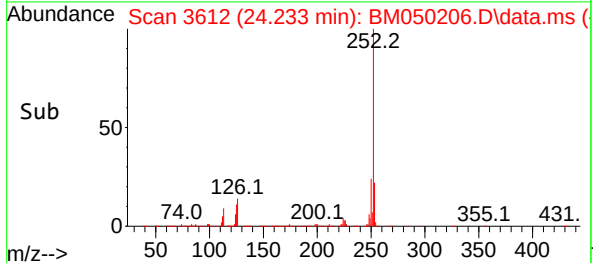
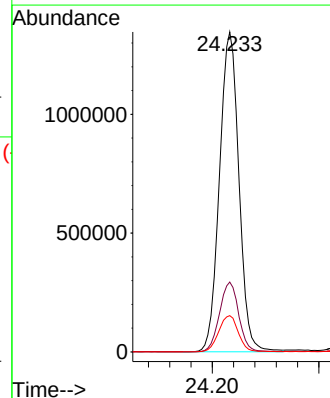
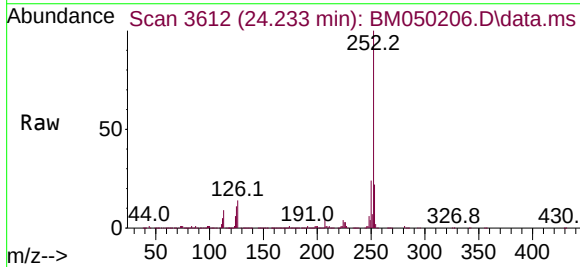
RT: 24.233 min Scan# 3612

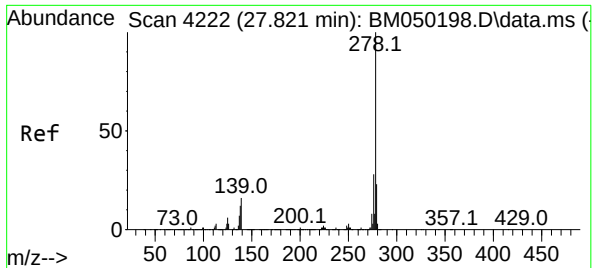
Delta R.T. -0.006 min

Lab File: BM050206.D

Acq: 06 Jun 2025 09:29

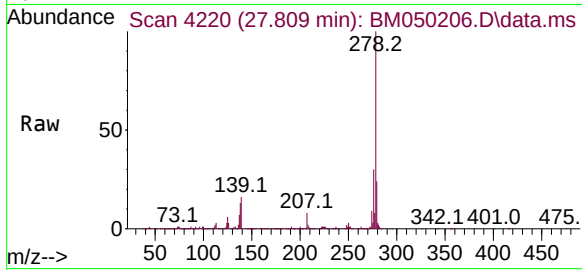
Tgt Ion:252 Resp: 3404133
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.3 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 41.672 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

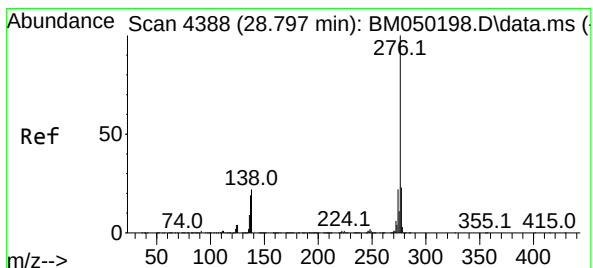
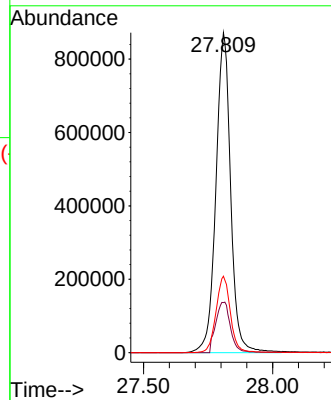
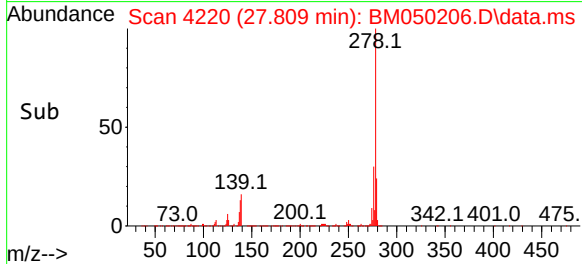
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 345582
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 23.9 18.6 28.0

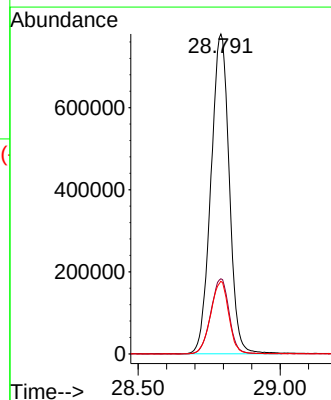
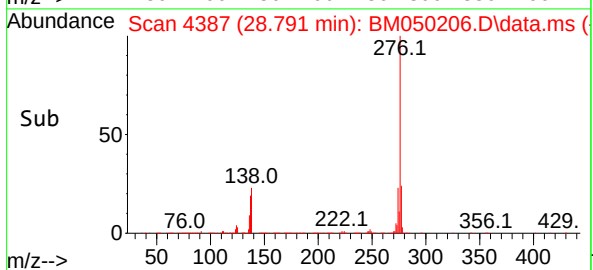
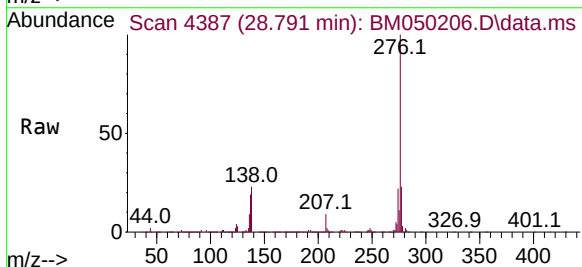
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 41.986 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.023 min
Lab File: BM050206.D
Acq: 06 Jun 2025 09:29

Tgt Ion:276 Resp: 3484906
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 22.7 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 06 10:52:22 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

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	96	0.00
2	1,4-Dioxane	0.526	0.513	2.5	102	0.00
3	Pyridine	1.361	1.358	0.2	99	0.00
4	n-Nitrosodimethylamine	0.281	0.289	-2.8	102	0.00
5 S	2-Fluorophenol	1.199	1.202	-0.3	100	0.00
6	Aniline	2.086	2.031	2.6	94	-0.01
7 S	Phenol-d6	1.578	1.546	2.0	94	-0.01
8	2-Chlorophenol	1.319	1.288	2.4	95	0.00
9	Benzaldehyde	1.003	0.886	11.7	97	0.00
10 C	Phenol	1.670	1.624	2.8	94	0.00
11	bis(2-Chloroethyl)ether	1.343	1.278	4.8	93	0.00
12	1,3-Dichlorobenzene	1.474	1.424	3.4	96	0.00
13 C	1,4-Dichlorobenzene	1.534	1.457	5.0	96	0.00
14	1,2-Dichlorobenzene	1.462	1.392	4.8	95	0.00
15	Benzyl Alcohol	1.126	1.070	5.0	90	-0.01
16	2,2'-oxybis(1-Chloropropane	0.933	0.915	1.9	96	-0.01
17	2-Methylphenol	1.102	1.055	4.3	91	0.00
18	Hexachloroethane	0.556	0.534	4.0	96	0.00
19 P	n-Nitroso-di-n-propylamine	0.966	0.911	5.7	87	-0.01
20	3+4-Methylphenols	1.474	1.406	4.6	89	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22	Acetophenone	0.500	0.469	6.2	89	-0.01
23 S	Nitrobenzene-d5	0.385	0.379	1.6	90	-0.01
24	Nitrobenzene	0.350	0.343	2.0	91	-0.01
25	Isophorone	0.664	0.629	5.3	86	-0.01
26 C	2-Nitrophenol	0.151	0.153	-1.3	89	0.00
27	2,4-Dimethylphenol	0.310	0.297	4.2	88	0.00
28	bis(2-Chloroethoxy)methane	0.434	0.409	5.8	86	-0.01
29 C	2,4-Dichlorophenol	0.287	0.277	3.5	87	-0.01
30	1,2,4-Trichlorobenzene	0.319	0.304	4.7	89	0.00
31	Naphthalene	1.034	0.976	5.6	90	0.00
32	Benzoic acid	0.195	0.182	6.7	80	-0.05
33	4-Chloroaniline	0.441	0.423	4.1	88	-0.01
34 C	Hexachlorobutadiene	0.190	0.177	6.8	87	0.00
35	Caprolactam	0.091	0.094	-3.3	87	-0.03
36 C	4-Chloro-3-methylphenol	0.306	0.298	2.6	86	-0.01
37	2-Methylnaphthalene	0.624	0.596	4.5	87	0.00
38	1-Methylnaphthalene	0.662	0.630	4.8	87	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	84	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	85	0.00
41 P	Hexachlorocyclopentadiene	0.351	0.342	2.6	84	0.00
42 S	2,4,6-Tribromophenol	0.227	0.225	0.9	82	0.00
43 C	2,4,6-Trichlorophenol	0.380	0.368	3.2	83	0.00
44	2,4,5-Trichlorophenol	0.417	0.407	2.4	83	0.00
45 S	2-Fluorobiphenyl	1.477	1.393	5.7	85	-0.01
46	1,1'-Biphenyl	1.498	1.421	5.1	85	0.00
47	2-Chloronaphthalene	1.164	1.095	5.9	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 06 10:52:22 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

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	0.275	-7.4	86	0.00
49	Acenaphthylene	1.883	1.831	2.8	85	0.00
50	Dimethylphthalate	1.353	1.299	4.0	81	-0.01
51	2,6-Dinitrotoluene	0.273	0.279	-2.2	81	0.00
52 C	Acenaphthene	1.178	1.126	4.4	84	-0.01
53	3-Nitroaniline	0.304	0.326	-7.2	85	-0.01
54 P	2,4-Dinitrophenol	0.146	0.146	0.0	80	0.00
55	Dibenzofuran	1.723	1.649	4.3	83	0.00
56 P	4-Nitrophenol	0.259	0.283	-9.3	87	-0.01
57	2,4-Dinitrotoluene	0.360	0.386	-7.2	82	-0.01
58	Fluorene	1.320	1.281	3.0	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.354	1.9	82	0.00
60	Diethylphthalate	1.342	1.303	2.9	81	0.00
61	4-Chlorophenyl-phenylether	0.638	0.608	4.7	84	0.00
62	4-Nitroaniline	0.285	0.316	-10.9	87	-0.01
63	Azobenzene	1.341	1.293	3.6	83	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.105	3.7	80	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.586	6.7	83	0.00
67	4-Bromophenyl-phenylether	0.213	0.198	7.0	82	0.00
68	Hexachlorobenzene	0.249	0.231	7.2	82	0.00
69	Atrazine	0.200	0.196	2.0	80	0.00
70 C	Pentachlorophenol	0.162	0.161	0.6	83	0.00
71	Phenanthrene	1.143	1.065	6.8	84	0.00
72	Anthracene	1.143	1.084	5.2	84	0.00
73	Carbazole	1.041	1.035	0.6	86	0.00
74	Di-n-butylphthalate	1.133	1.119	1.2	81	0.00
75 C	Fluoranthene	1.205	1.221	-1.3	87	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	96	0.00
77	Benzidine	0.562	0.579	-3.0	90	0.00
78	Pyrene	1.348	1.227	9.0	89	0.00
79 S	Terphenyl-d14	1.055	0.942	10.7	89	0.00
80	Butylbenzylphthalate	0.450	0.445	1.1	87	0.00
81	Benzo(a)anthracene	1.266	1.210	4.4	95	0.00
82	3,3'-Dichlorobenzidine	0.386	0.411	-6.5	95	0.00
83	Chrysene	1.204	1.151	4.4	96	0.00
84	Bis(2-ethylhexyl)phthalate	0.693	0.699	-0.9	90	0.00
85 c	Di-n-octyl phthalate	1.028	1.106	-7.6	95	0.00
86 I	Perylene-d12	1.000	1.000	0.0	113	0.00
87	Indeno(1,2,3-cd)pyrene	1.288	1.348	-4.7	127	-0.02
88	Benzo(b)fluoranthene	1.163	1.109	4.6	107	0.00
89	Benzo(k)fluoranthene	1.187	1.115	6.1	108	-0.01
90 C	Benzo(a)pyrene	1.093	1.073	1.8	112	0.00
91	Dibenzo(a,h)anthracene	1.045	1.089	-4.2	126	-0.01
92	Benzo(g,h,i)perylene	1.046	1.098	-5.0	130	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050206.D
Acq On : 06 Jun 2025 09:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 06 10:52:22 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

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\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 06 10:52:22 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

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	96	0.00
2	1,4-Dioxane	40.000	39.068	2.3	102	0.00
3	Pyridine	40.000	39.920	0.2	99	0.00
4	n-Nitrosodimethylamine	40.000	41.130	-2.8	102	0.00
5 S	2-Fluorophenol	80.000	80.188	-0.2	100	0.00
6	Aniline	40.000	38.928	2.7	94	-0.01
7 S	Phenol-d6	80.000	78.351	2.1	94	-0.01
8	2-Chlorophenol	40.000	39.052	2.4	95	0.00
9	Benzaldehyde	40.000	35.329	11.7	97	0.00
10 C	Phenol	40.000	38.903	2.7	94	0.00
11	bis(2-Chloroethyl)ether	40.000	38.045	4.9	93	0.00
12	1,3-Dichlorobenzene	40.000	38.643	3.4	96	0.00
13 C	1,4-Dichlorobenzene	40.000	37.989	5.0	96	0.00
14	1,2-Dichlorobenzene	40.000	38.075	4.8	95	0.00
15	Benzyl Alcohol	40.000	38.027	4.9	90	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	39.212	2.0	96	-0.01
17	2-Methylphenol	40.000	38.286	4.3	91	0.00
18	Hexachloroethane	40.000	38.457	3.9	96	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.723	5.7	87	-0.01
20	3+4-Methylphenols	40.000	38.142	4.6	89	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	90	0.00
22	Acetophenone	40.000	37.568	6.1	89	-0.01
23 S	Nitrobenzene-d5	80.000	78.908	1.4	90	-0.01
24	Nitrobenzene	40.000	39.227	1.9	91	-0.01
25	Isophorone	40.000	37.887	5.3	86	-0.01
26 C	2-Nitrophenol	40.000	40.579	-1.4	89	0.00
27	2,4-Dimethylphenol	40.000	38.281	4.3	88	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.695	5.8	86	-0.01
29 C	2,4-Dichlorophenol	40.000	38.618	3.5	87	-0.01
30	1,2,4-Trichlorobenzene	40.000	38.037	4.9	89	0.00
31	Naphthalene	40.000	37.764	5.6	90	0.00
32	Benzoic acid	40.000	37.407	6.5	80	-0.05
33	4-Chloroaniline	40.000	38.337	4.2	88	-0.01
34 C	Hexachlorobutadiene	40.000	37.208	7.0	87	0.00
35	Caprolactam	40.000	41.208	-3.0	87	-0.03
36 C	4-Chloro-3-methylphenol	40.000	38.920	2.7	86	-0.01
37	2-Methylnaphthalene	40.000	38.234	4.4	87	0.00
38	1-Methylnaphthalene	40.000	38.033	4.9	87	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	84	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.854	5.4	85	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.028	2.4	84	0.00
42 S	2,4,6-Tribromophenol	80.000	79.136	1.1	82	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.765	3.1	83	0.00
44	2,4,5-Trichlorophenol	40.000	38.997	2.5	83	0.00
45 S	2-Fluorobiphenyl	80.000	75.430	5.7	85	-0.01
46	1,1'-Biphenyl	40.000	37.948	5.1	85	0.00
47	2-Chloronaphthalene	40.000	37.627	5.9	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050206.D
 Acq On : 06 Jun 2025 09:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 06 10:52:22 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

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.889	-7.2	86	0.00
49	Acenaphthylene	40.000	38.892	2.8	85	0.00
50	Dimethylphthalate	40.000	38.410	4.0	81	-0.01
51	2,6-Dinitrotoluene	40.000	40.888	-2.2	81	0.00
52 C	Acenaphthene	40.000	38.236	4.4	84	-0.01
53	3-Nitroaniline	40.000	42.897	-7.2	85	-0.01
54 P	2,4-Dinitrophenol	40.000	36.153	9.6	80	0.00
55	Dibenzofuran	40.000	38.277	4.3	83	0.00
56 P	4-Nitrophenol	40.000	43.731	-9.3	87	-0.01
57	2,4-Dinitrotoluene	40.000	42.964	-7.4	82	-0.01
58	Fluorene	40.000	38.827	2.9	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.278	1.8	82	0.00
60	Diethylphthalate	40.000	38.840	2.9	81	0.00
61	4-Chlorophenyl-phenylether	40.000	38.098	4.8	84	0.00
62	4-Nitroaniline	40.000	44.421	-11.1	87	-0.01
63	Azobenzene	40.000	38.570	3.6	83	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.537	3.7	80	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.303	6.7	83	0.00
67	4-Bromophenyl-phenylether	40.000	37.127	7.2	82	0.00
68	Hexachlorobenzene	40.000	37.029	7.4	82	0.00
69	Atrazine	40.000	39.149	2.1	80	0.00
70 C	Pentachlorophenol	40.000	39.867	0.3	83	0.00
71	Phenanthrene	40.000	37.277	6.8	84	0.00
72	Anthracene	40.000	37.939	5.2	84	0.00
73	Carbazole	40.000	39.746	0.6	86	0.00
74	Di-n-butylphthalate	40.000	39.501	1.2	81	0.00
75 C	Fluoranthene	40.000	40.545	-1.4	87	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	96	0.00
77	Benzydine	40.000	41.205	-3.0	90	0.00
78	Pyrene	40.000	36.402	9.0	89	0.00
79 S	Terphenyl-d14	80.000	71.419	10.7	89	0.00
80	Butylbenzylphthalate	40.000	39.625	0.9	87	0.00
81	Benzo(a)anthracene	40.000	38.246	4.4	95	0.00
82	3,3'-Dichlorobenzidine	40.000	42.536	-6.3	95	0.00
83	Chrysene	40.000	38.233	4.4	96	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.364	-0.9	90	0.00
85 c	Di-n-octyl phthalate	40.000	43.034	-7.6	95	0.00
86 I	Perylene-d12	20.000	20.000	0.0	113	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.870	-4.7	127	-0.02
88	Benzo(b)fluoranthene	40.000	38.164	4.6	107	0.00
89	Benzo(k)fluoranthene	40.000	37.588	6.0	108	-0.01
90 C	Benzo(a)pyrene	40.000	39.246	1.9	112	0.00
91	Dibenzo(a,h)anthracene	40.000	41.672	-4.2	126	-0.01
92	Benzo(g,h,i)perylene	40.000	41.986	-5.0	130	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050206.D
Acq On : 06 Jun 2025 09:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 06 10:52:22 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

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: PORT06

Lab Code: CHEM Case No.: Q2177 SAS No.: Q2177 SDG No.: Q2177

Instrument ID: BNA_M Calibration Date/Time: 06/06/2025 21:23

Lab File ID: BM050223.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
Pyridine	1.361	1.385		1.8	
2-Fluorophenol	1.199	1.211		1.0	
Phenol-d6	1.578	1.509		-4.4	
1,4-Dichlorobenzene	1.534	1.456		-5.1	20.0
2-Methylphenol	1.102	1.030		-6.5	
3+4-Methylphenols	1.474	1.350		-8.4	
Nitrobenzene-d5	0.385	0.383		-0.5	
Hexachloroethane	0.555	0.553		-0.4	
Nitrobenzene	0.350	0.352		0.6	
Hexachlorobutadiene	0.190	0.178		-6.3	20.0
2,4,6-Trichlorophenol	0.380	0.368		-3.2	20.0
2-Fluorobiphenyl	1.477	1.470		-0.5	
2,4,5-Trichlorophenol	0.417	0.402		-3.6	
2,4-Dinitrotoluene	0.360	0.337		-6.4	
2,4,6-Tribromophenol	0.227	0.216		-4.8	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.162	0.221		36.4	20.0
Terphenyl-d14	1.055	1.019		-3.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jun 07 01:35:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/09/2025
1) 1,4-Dichlorobenzene-d4	7.786	152	279322	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.575	136	1074646	20.000	ng	0.00	
39) Acenaphthene-d10	14.410	164	577654	20.000	ng	0.00	
64) Phenanthrene-d10	17.151	188	1020063	20.000	ng	0.00	
76) Chrysene-d12	21.380	240	1029161	20.000	ng	0.00	
86) Perylene-d12	24.362	264	1065458	20.000	ng	-0.01	06/09/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1353355	80.824	ng	0.00	
7) Phenol-d6	6.945	99	1686490	76.511	ng	-0.01	
23) Nitrobenzene-d5	8.933	82	1645142	79.618	ng	-0.01	
42) 2,4,6-Tribromophenol	15.892	330	498629	75.890	ng	-0.01	
45) 2-Fluorobiphenyl	13.039	172	3395819	79.588	ng	-0.01	
79) Terphenyl-d14	19.774	244	4196425	77.270	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	294143	40.075	ng		92
3) Pyridine	3.687	79	773714	40.706	ng		94
4) n-Nitrosodimethylamine	3.593	42	160297	40.783	ng		96
6) Aniline	7.110	93	1105472	37.937	ng		97
8) 2-Chlorophenol	7.351	128	717000	38.929	ng		98
9) Benzaldehyde	6.922	77	477419	34.066	ng		95
10) Phenol	6.975	94	902605	38.701	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	735791	39.223	ng		97
12) 1,3-Dichlorobenzene	7.675	146	792885	38.507	ng		96
13) 1,4-Dichlorobenzene	7.822	146	813141	37.956	ng		99
14) 1,2-Dichlorobenzene	8.139	146	776725	38.032	ng		100
15) Benzyl Alcohol	8.016	79	575561	36.610	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	568952	43.660	ng		94
17) 2-Methylphenol	8.222	107	575360	37.389	ng		98
18) Hexachloroethane	8.869	117	308659	39.784	ng		96
19) n-Nitroso-di-n-propyla...	8.592	70	507008	37.587	ng		99
20) 3+4-Methylphenols	8.545	107	754331	36.639	ng		99
22) Acetophenone	8.604	105	1036133	38.593	ng	#	98
24) Nitrobenzene	8.975	77	755843	40.220	ng		98
25) Isophorone	9.504	82	1337935	37.515	ng		99
26) 2-Nitrophenol	9.686	139	300923	37.096	ng		97
27) 2,4-Dimethylphenol	9.751	122	625059	37.501	ng		99
28) bis(2-Chloroethoxy)met...	9.986	93	893708	38.359	ng		100
29) 2,4-Dichlorophenol	10.216	162	578845	37.529	ng		98
30) 1,2,4-Trichlorobenzene	10.439	180	654471	38.131	ng		99
31) Naphthalene	10.622	128	2107998	37.940	ng		99
32) Benzoic acid	9.851	122	311122	29.702	ng		97
33) 4-Chloroaniline	10.722	127	875911	36.977	ng		98
34) Hexachlorobutadiene	10.922	225	381906	37.408	ng		99
35) Caprolactam	11.486	113	165311	33.806	ng		90
36) 4-Chloro-3-methylphenol	11.845	107	592093	35.975	ng		97
37) 2-Methylnaphthalene	12.233	142	1230954	36.724	ng		100
38) 1-Methylnaphthalene	12.457	142	1313757	36.928	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	675973	40.525	ng		99
41) Hexachlorocyclopentadiene	12.592	237	399414	39.429	ng		99
43) 2,4,6-Trichlorophenol	12.839	196	425186	38.762	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Reviewed By :Rahul
 Chavli

Quant Time: Jun 07 01:35:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	463907	38.519	ng	97
46) 1,1'-Biphenyl	13.251	154	1694151	39.167	ng	98
47) 2-Chloronaphthalene	13.286	162	1328038	39.493	ng	99
48) 2-Nitroaniline	13.480	65	298598	40.350	ng	89
49) Acenaphthylene	14.133	152	2111382	38.819	ng	100
50) Dimethylphthalate	13.874	163	1481820	37.931	ng	100
51) 2,6-Dinitrotoluene	13.980	165	307517	39.033	ng	94
52) Acenaphthene	14.474	154	1294998	38.066	ng	99
53) 3-Nitroaniline	14.304	138	338138	38.510	ng	99
54) 2,4-Dinitrophenol	14.510	184	115027	26.201	ng	97
55) Dibenzofuran	14.810	168	1906439	38.304	ng	99
56) 4-Nitrophenol	14.604	139	280733	37.564	ng	97
57) 2,4-Dinitrotoluene	14.762	165	388856	37.416	ng	93
58) Fluorene	15.457	166	1477480	38.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	390874m	37.512	ng	
60) Diethylphthalate	15.239	149	1487176	38.367	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	697257	37.846	ng	99
62) 4-Nitroaniline	15.462	138	311884	37.897	ng	98
63) Azobenzene	15.751	77	1541719	39.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.527	198	188089	33.760	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1269360	39.604	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	420416	38.649	ng	98
68) Hexachlorobenzene	16.462	284	498038	39.187	ng	97
69) Atrazine	16.615	200	396810	38.856	ng	98
70) Pentachlorophenol	16.798	266	450080	54.470	ng	100
71) Phenanthrene	17.192	178	2277503	39.083	ng	100
72) Anthracene	17.280	178	2281838	39.142	ng	100
73) Carbazole	17.545	167	2105934	39.653	ng	100
74) Di-n-butylphthalate	18.127	149	2353514	40.728	ng	99
75) Fluoranthene	19.203	202	2422364	39.418	ng	98
77) Benzidine	19.386	184	1033142	35.698	ng	100
78) Pyrene	19.562	202	2610878	37.639	ng	100
80) Butylbenzylphthalate	20.474	149	866505	37.449	ng	97
81) Benzo(a)anthracene	21.362	228	2505653	38.465	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	749445	37.727	ng	98
83) Chrysene	21.421	228	2388286	38.543	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	1460030	40.966	ng	98
85) Di-n-octyl phthalate	22.450	149	2044079	38.650	ng	99
87) Indeno(1,2,3-cd)pyrene	27.732	276	2875354	41.913	ng	100
88) Benzo(b)fluoranthene	23.421	252	2450263	39.555	ng	99
89) Benzo(k)fluoranthene	23.485	252	2487954	39.343	ng	100
90) Benzo(a)pyrene	24.227	252	2330101	40.007	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	2295279	41.219	ng	100
92) Benzo(g,h,i)perylene	28.773	276	2372730	42.573	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

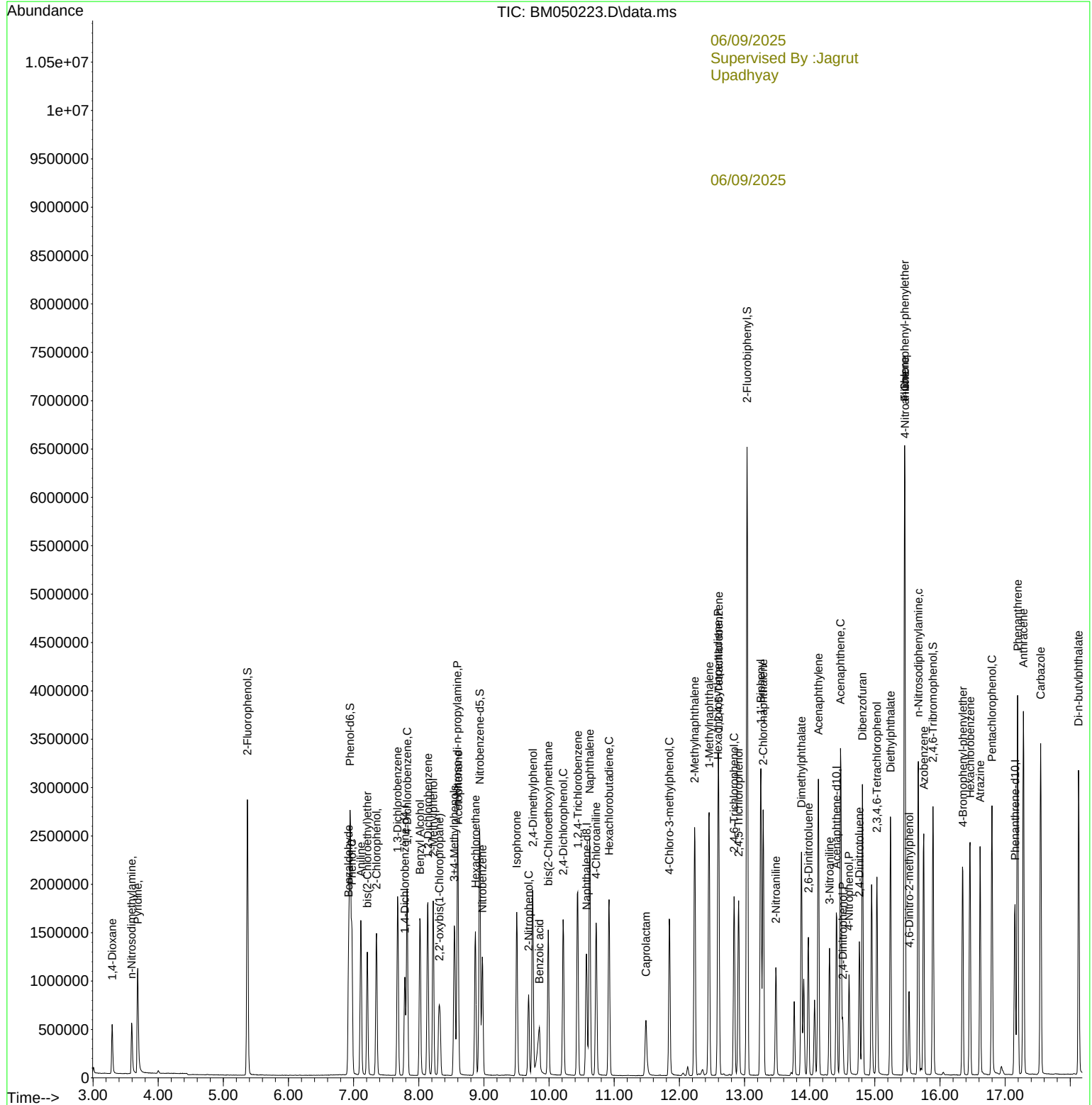
ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Rahul
 Chavli

Quant Time: Jun 07 01:35:54 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



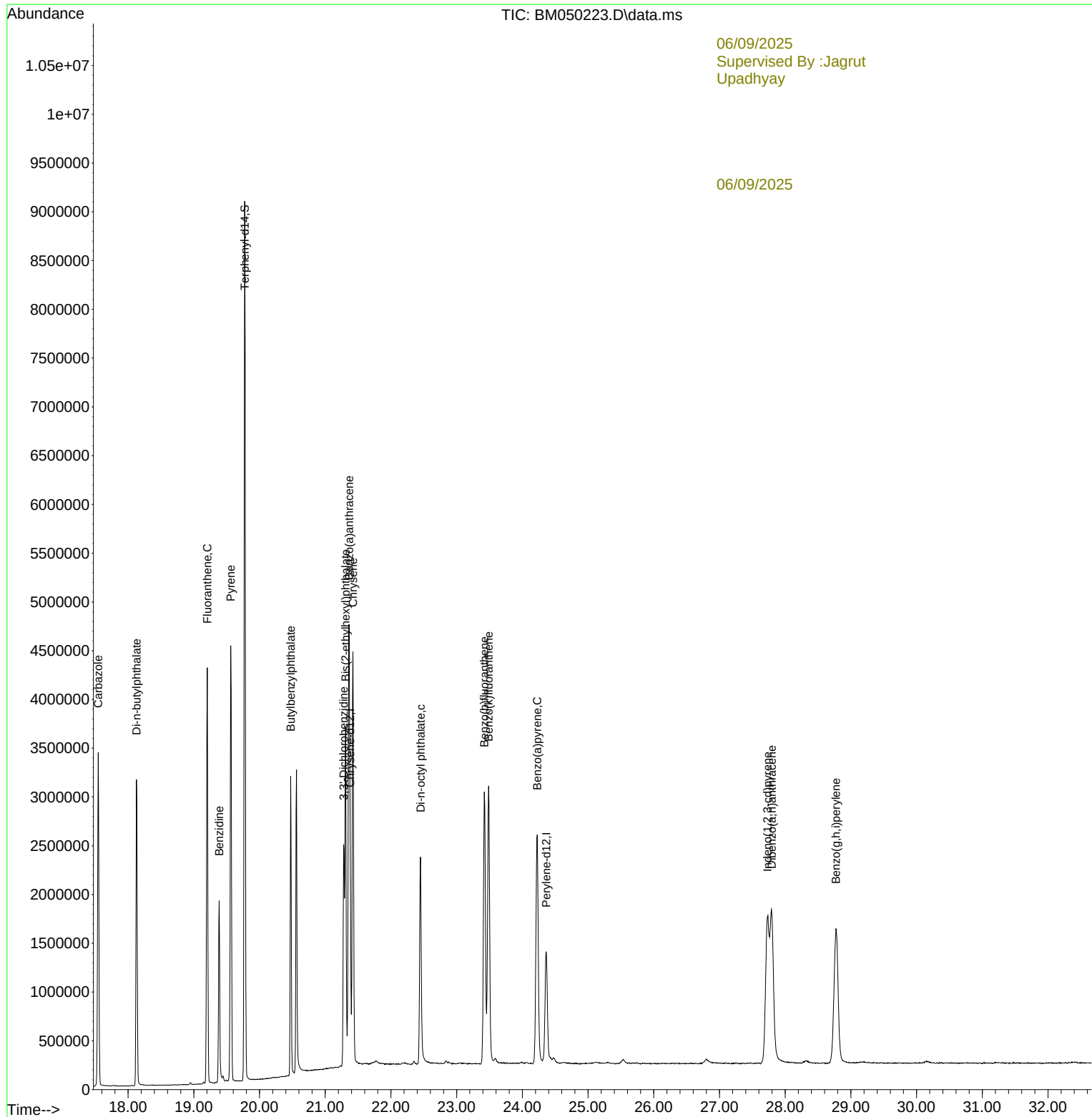
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Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

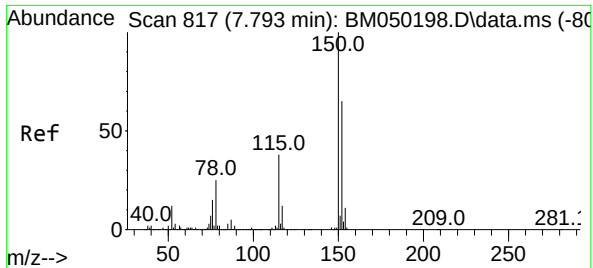
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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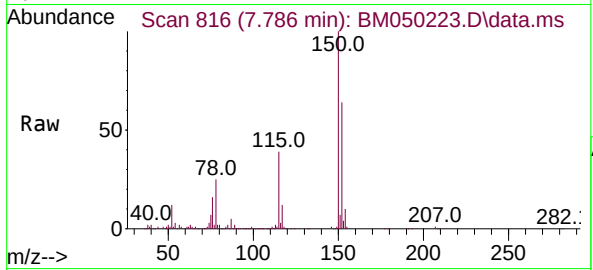
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

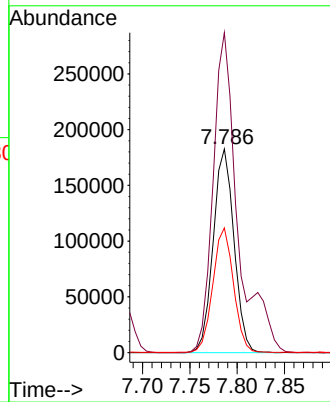
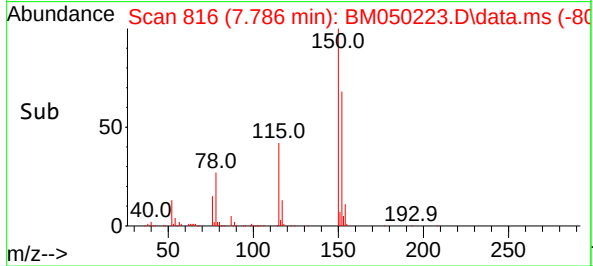
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 27932
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 61.3 46.3 69.5

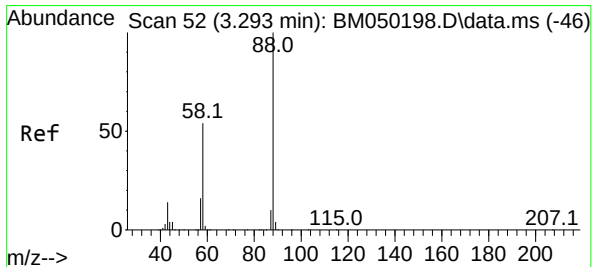
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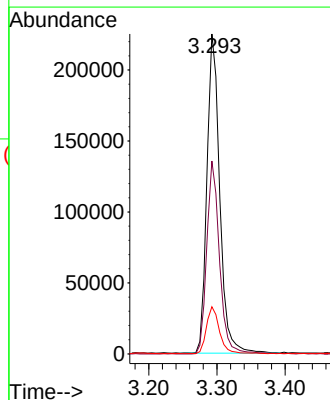
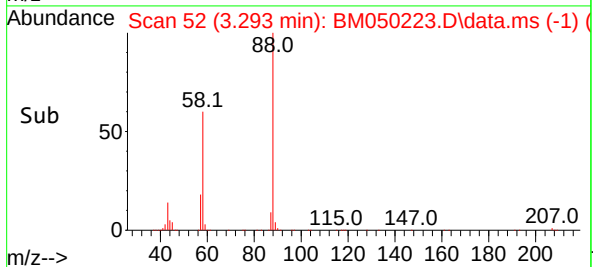
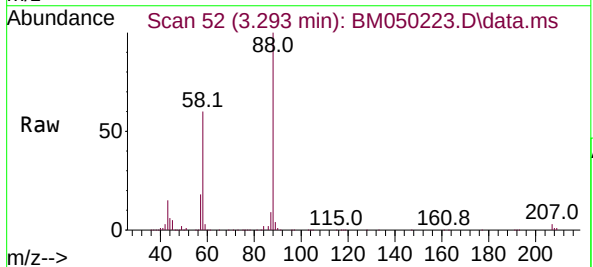
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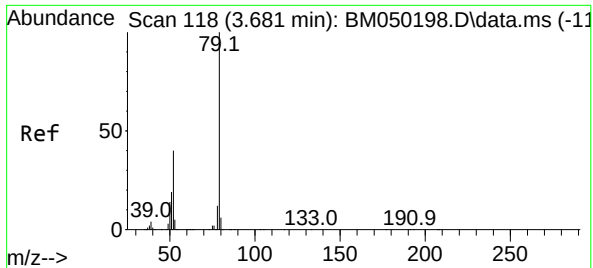
06/09/2025



#2
1,4-Dioxane
Concen: 40.075 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

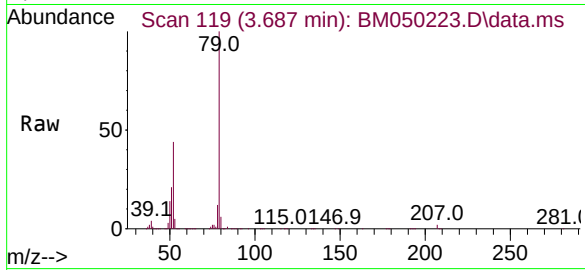
Tgt Ion: 88 Resp: 294143
Ion Ratio Lower Upper
88 100
58 60.3 42.9 64.3
43 14.8 11.0 16.6





#3
Pyridine
Concen: 40.706 ng
RT: 3.687 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

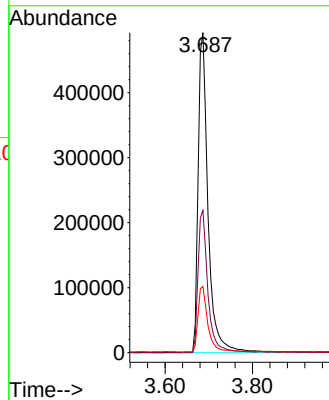
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 773714
Ion Ratio Lower Upper
79 100
52 44.5 32.1 48.1
51 20.7 15.4 23.0

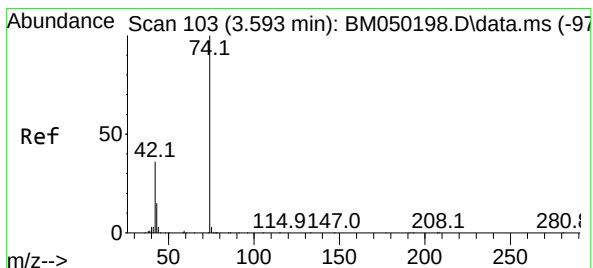
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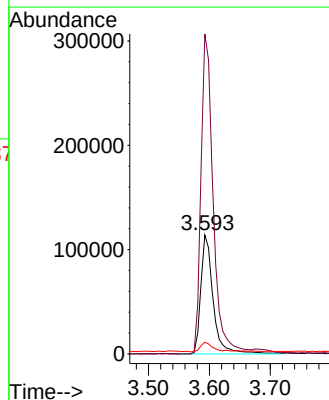
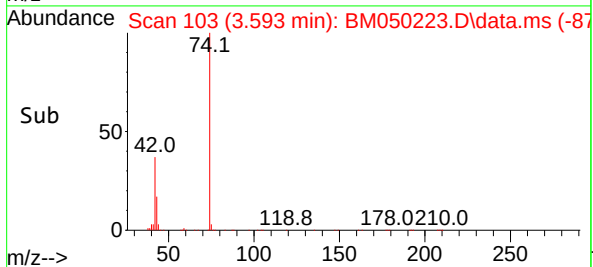
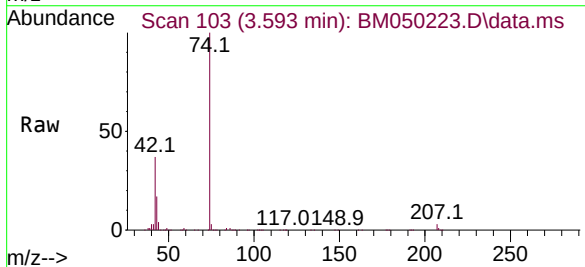
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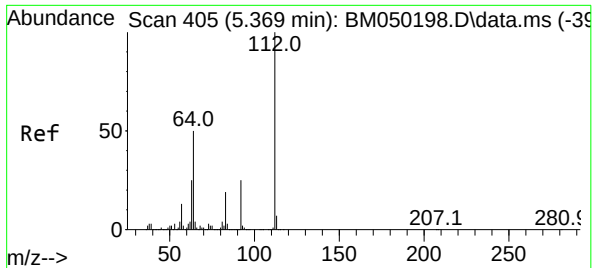
06/09/2025



#4
n-Nitrosodimethylamine
Concen: 40.783 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 42 Resp: 160297
Ion Ratio Lower Upper
42 100
74 269.1 222.0 333.0
44 9.7 7.0 10.6





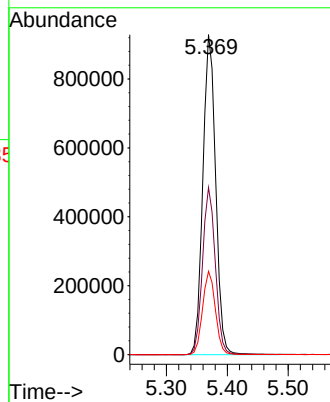
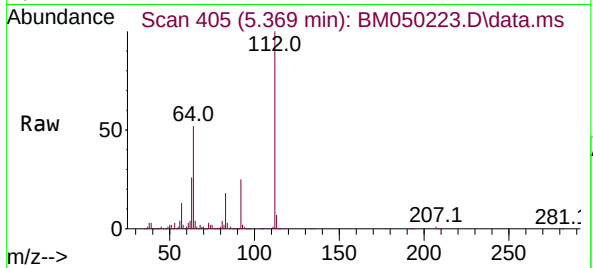
#5
2-Fluorophenol
Concen: 80.824 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 135335
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.6
63 26.0 19.8 29.8

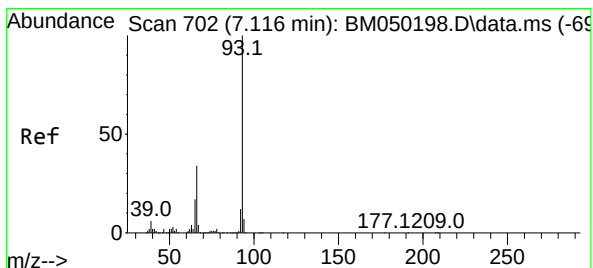
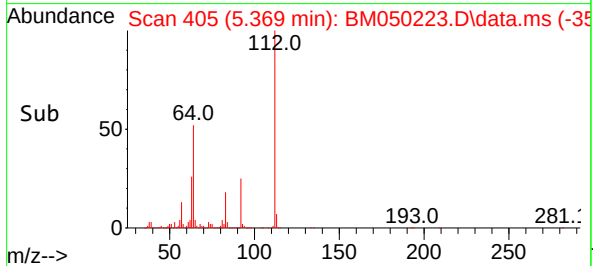
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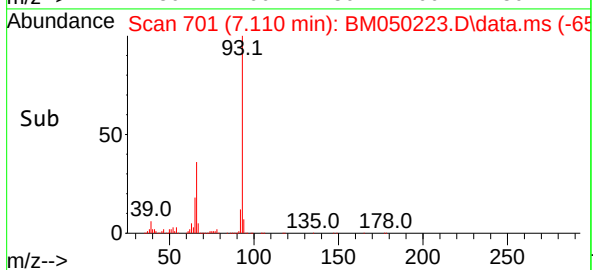
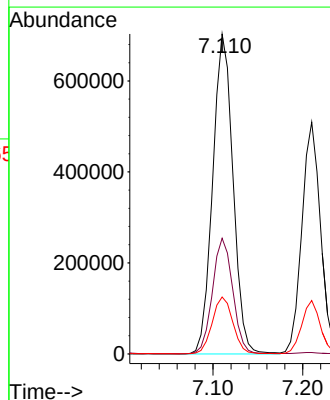
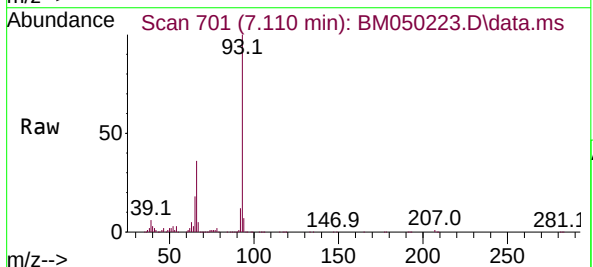
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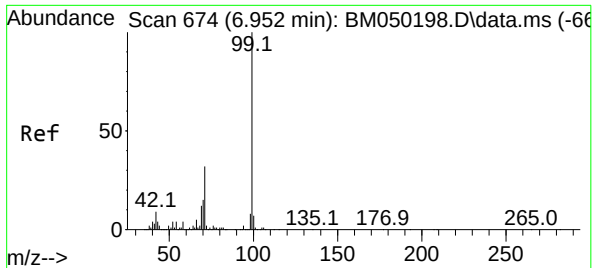
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#6
Aniline
Concen: 37.937 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

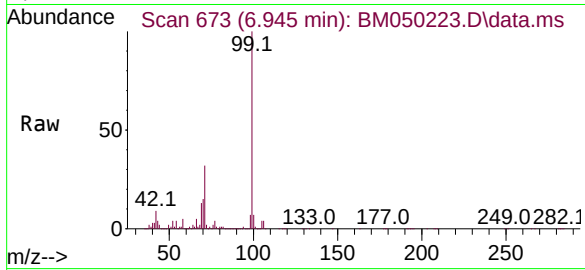
Tgt Ion: 93 Resp: 1105472
Ion Ratio Lower Upper
93 100
66 36.1 27.4 41.2
65 17.8 13.6 20.4





#7
Phenol-d6
Concen: 76.511 ng
RT: 6.945 min Scan# 673
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

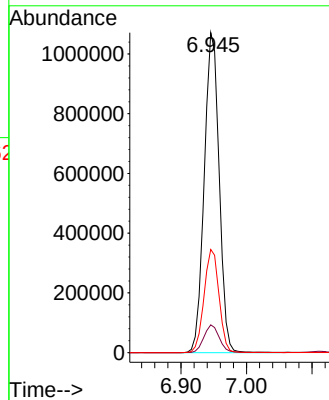
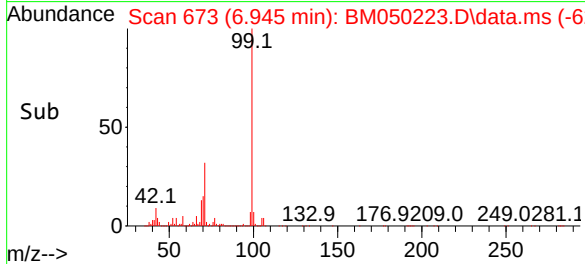
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 1686490
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.2 25.3 37.9

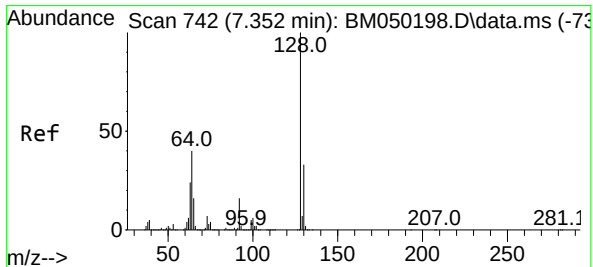
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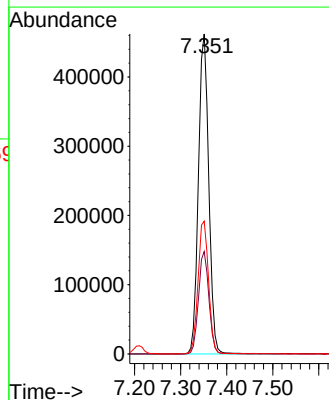
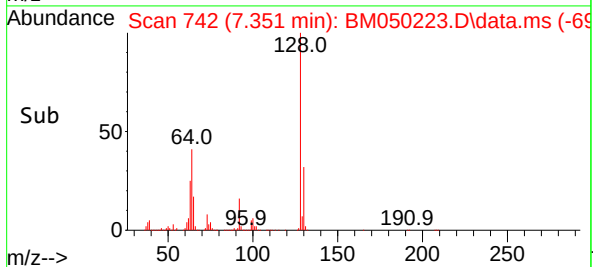
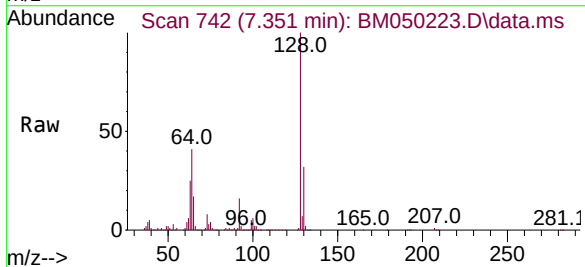
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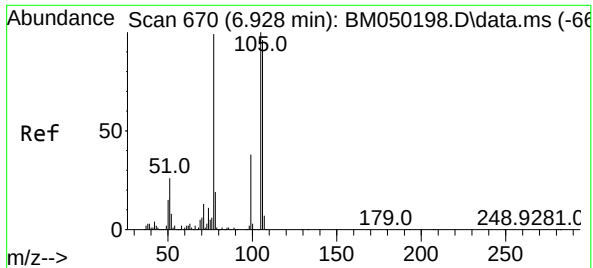
06/09/2025



#8
2-Chlorophenol
Concen: 38.929 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

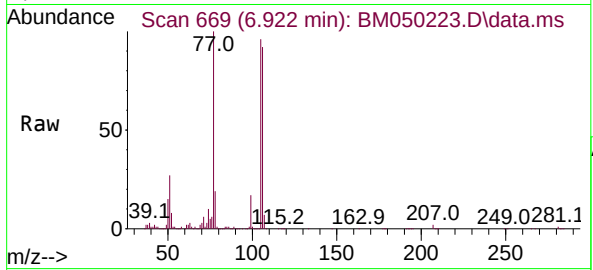
Tgt Ion:128 Resp: 717000
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 41.5 19.8 59.8





#9
Benzaldehyde
Concen: 34.066 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

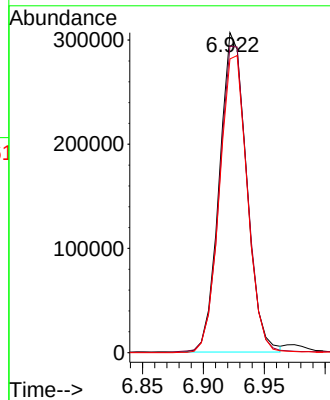
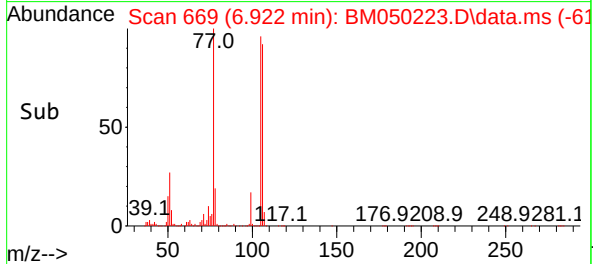
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 477419
Ion Ratio Lower Upper
77 100
105 95.8 80.9 120.9
106 91.8 77.1 117.1

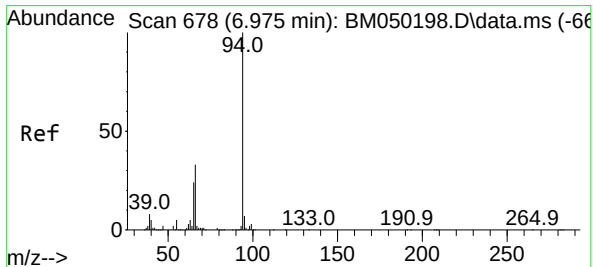
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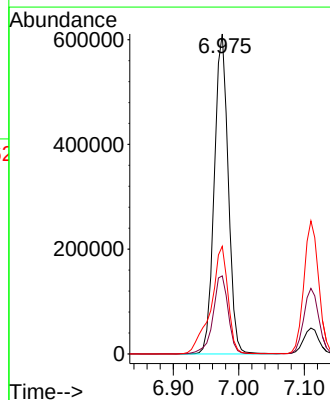
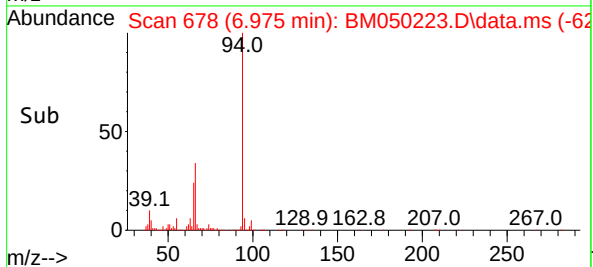
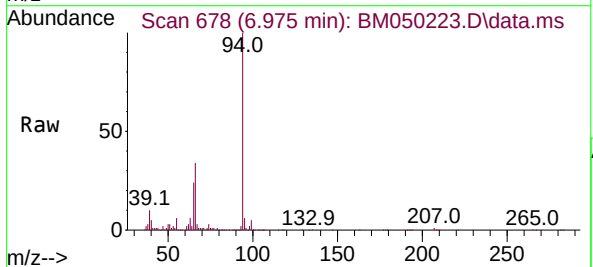
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Upadhyay

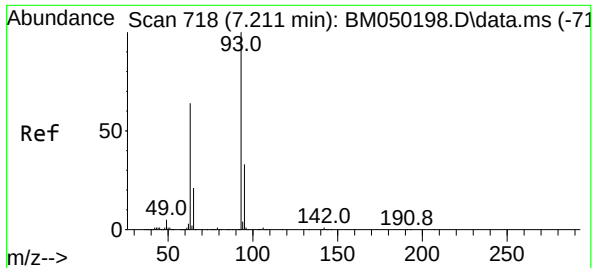
06/09/2025



#10
Phenol
Concen: 38.701 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion: 94 Resp: 902605
Ion Ratio Lower Upper
94 100
65 24.4 4.3 44.3
66 33.7 12.9 52.9





#11

bis(2-Chloroethyl)ether

Concen: 39.223 ng

RT: 7.210 min Scan# 718

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 735791

Ion Ratio Lower Upper

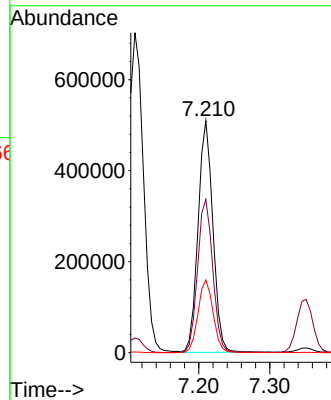
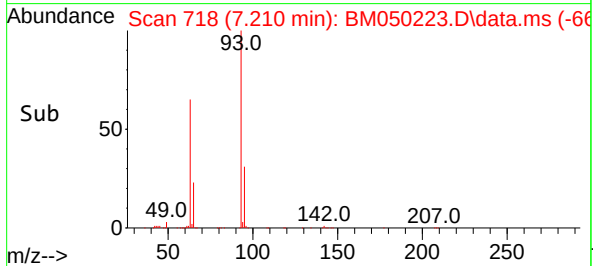
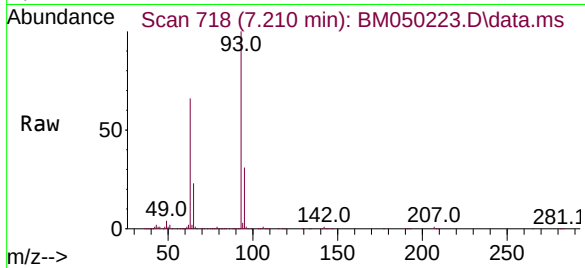
93 100

63 66.1 43.9 83.9

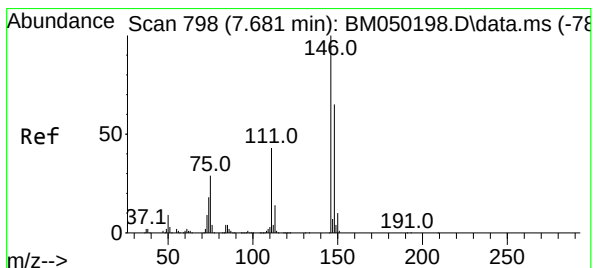
95 31.4 12.7 52.7

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Chavli06/09/2025
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Upadhyay

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#12

1,3-Dichlorobenzene

Concen: 38.507 ng

RT: 7.675 min Scan# 797

Delta R.T. -0.006 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

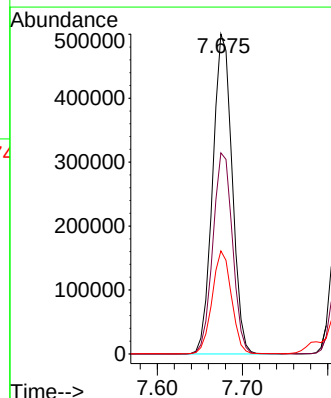
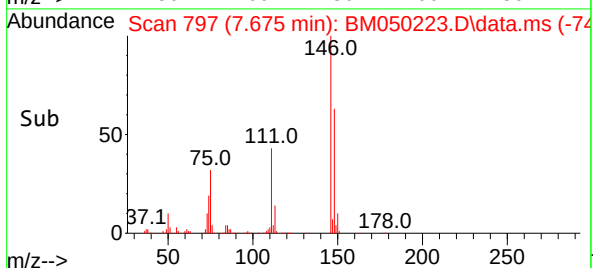
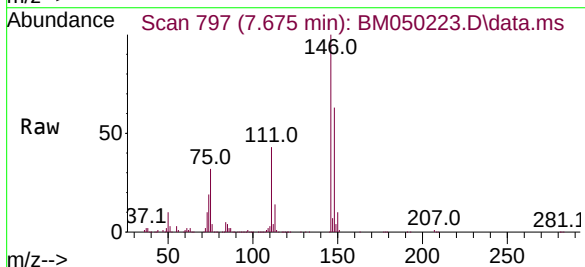
Tgt Ion:146 Resp: 792885

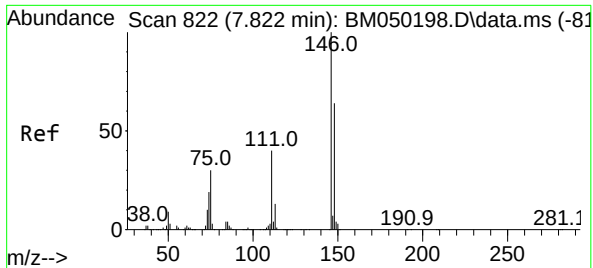
Ion Ratio Lower Upper

146 100

148 62.8 51.9 77.9

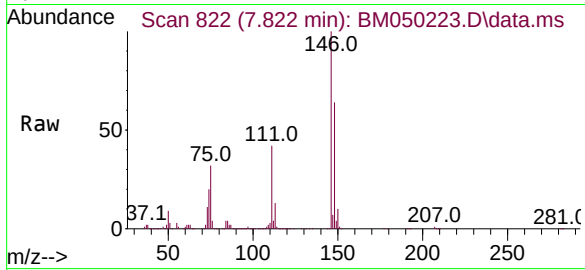
75 32.2 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 37.956 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

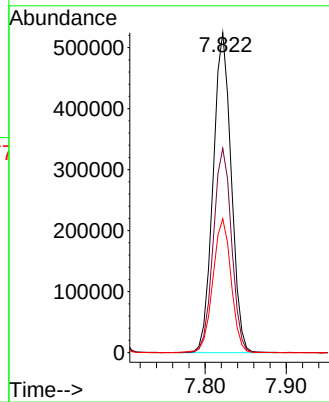
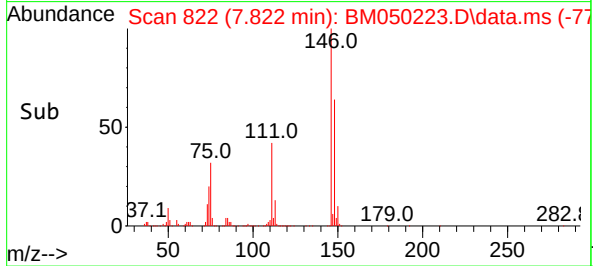
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 81314
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 41.8 32.3 48.5

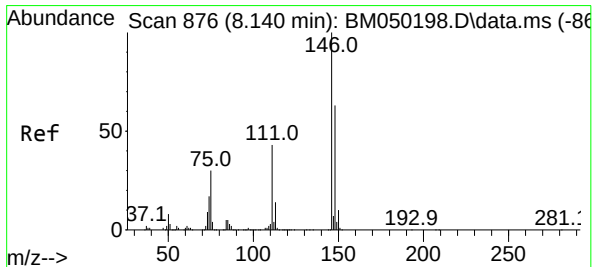
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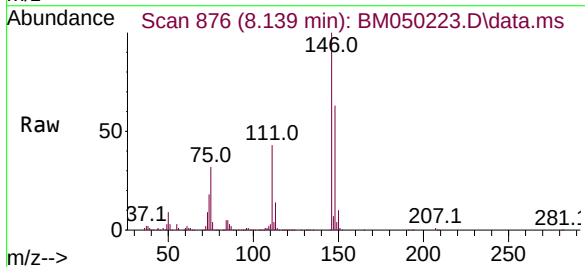


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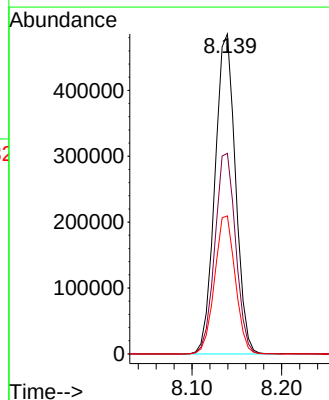
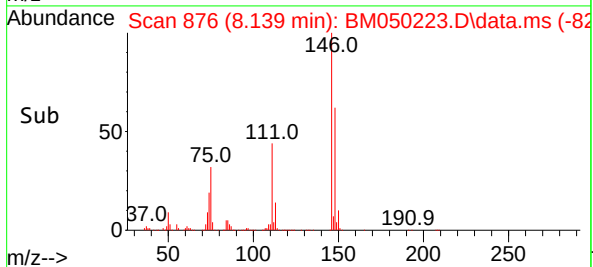
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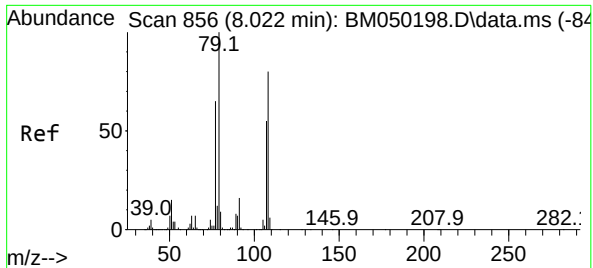


#14
1,2-Dichlorobenzene
Concen: 38.032 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



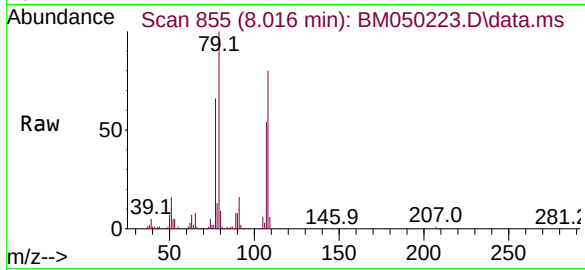
Tgt Ion:146 Resp: 776725
Ion Ratio Lower Upper
146 100
148 62.7 50.4 75.6
111 43.1 34.3 51.5





#15
Benzyl Alcohol
Concen: 36.610 ng
RT: 8.016 min Scan# 801
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

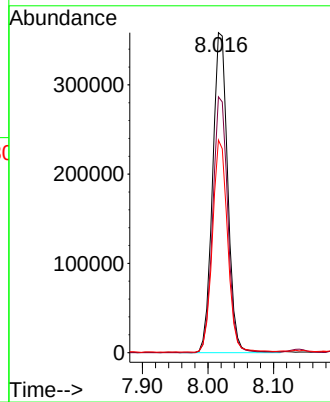
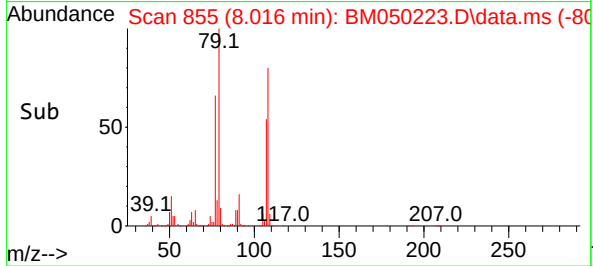
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 575561
Ion Ratio Lower Upper
79 100
108 79.9 64.0 96.0
77 66.4 52.2 78.2

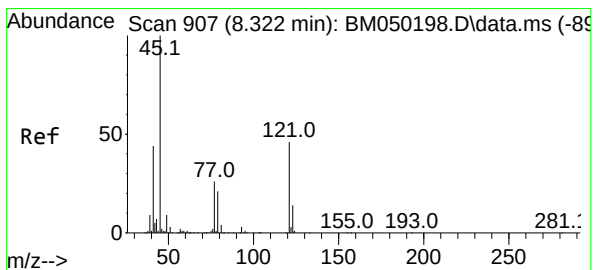
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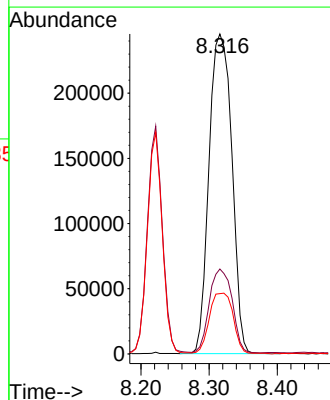
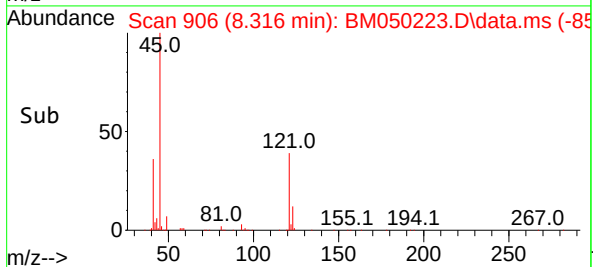
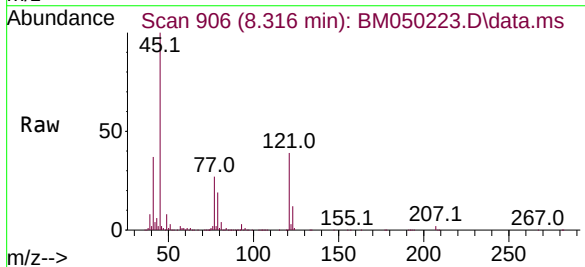
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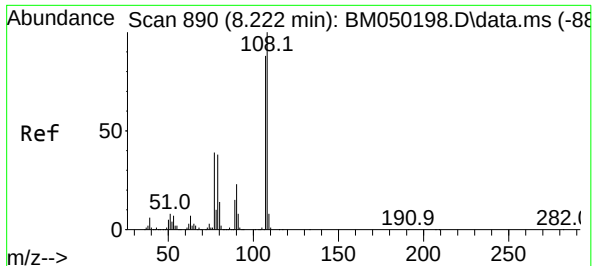
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.660 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

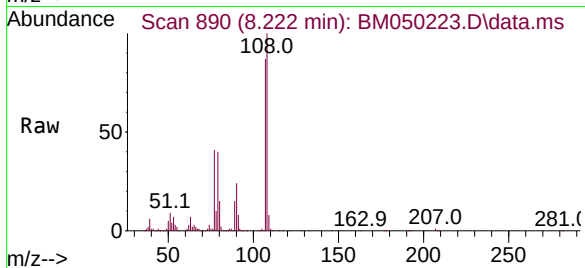
Tgt Ion: 45 Resp: 568952
Ion Ratio Lower Upper
45 100
77 26.5 8.7 48.7
79 18.8 2.7 42.7





#17
2-Methylphenol
Concen: 37.389 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

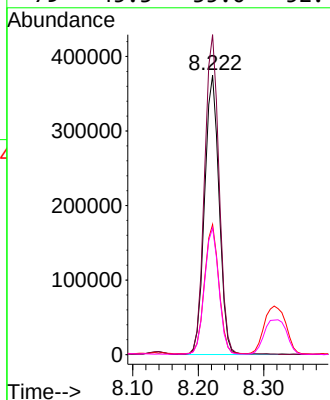
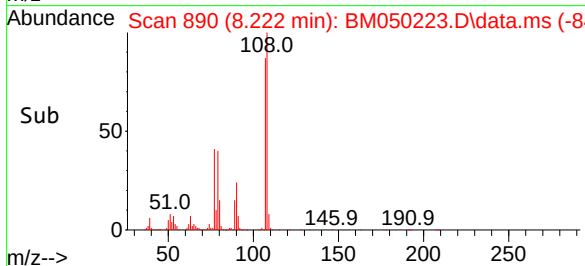
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:107 Resp: 575360
Ion Ratio Lower Upper
107 100
108 114.5 90.8 136.2
77 46.6 35.7 53.5
79 45.3 35.0 52.4

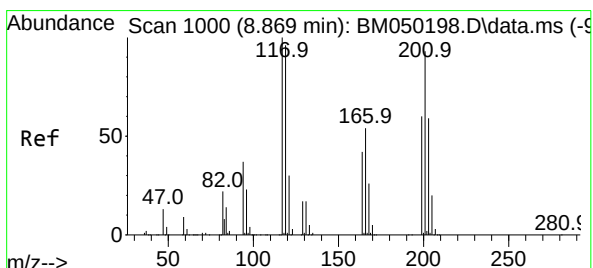
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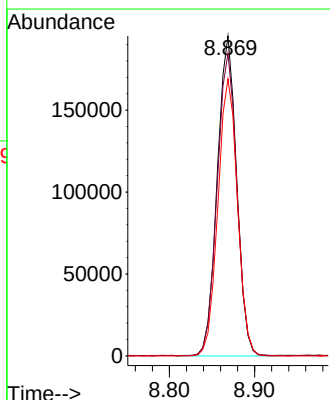
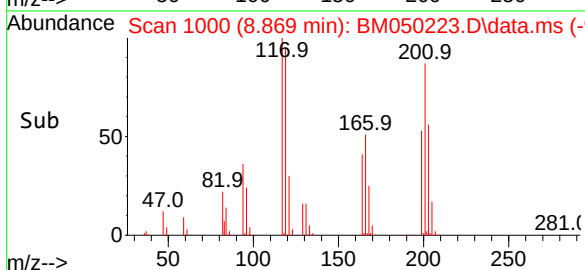
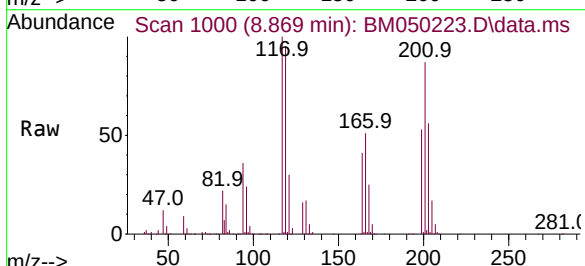
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Upadhyay

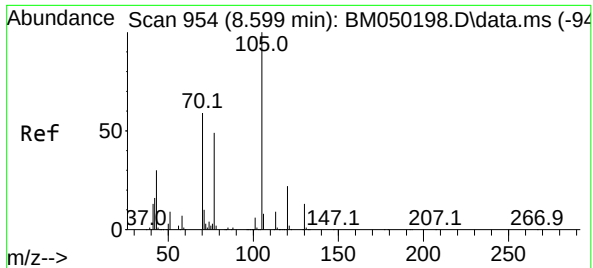
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#18
Hexachloroethane
Concen: 39.784 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

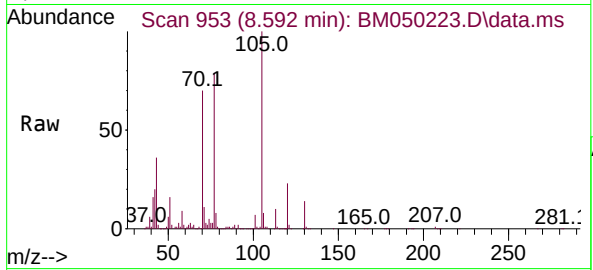
Tgt Ion:117 Resp: 308659
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.6
201 86.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.587 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

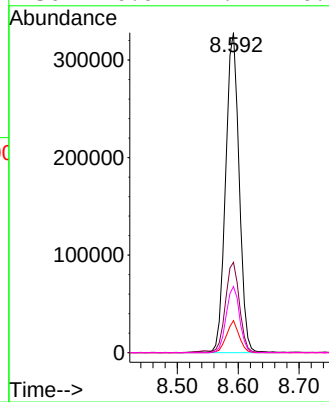
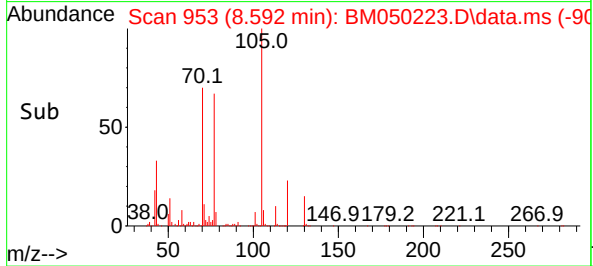
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 507008
Ion Ratio Lower Upper
70 100
42 28.2 22.6 33.8
101 10.0 8.3 12.5
130 20.6 17.4 26.2

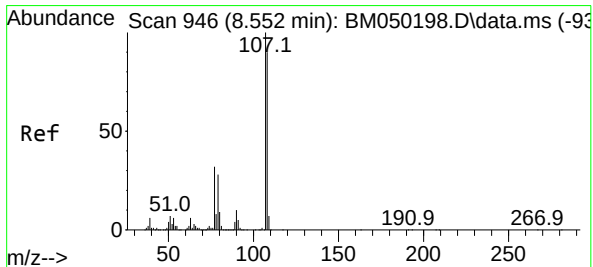
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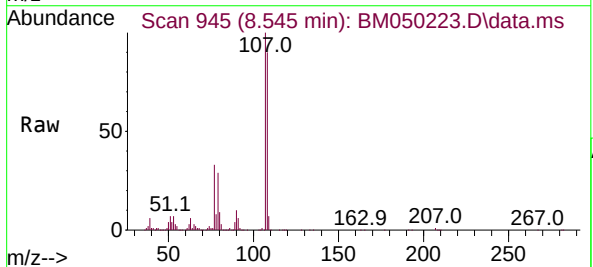


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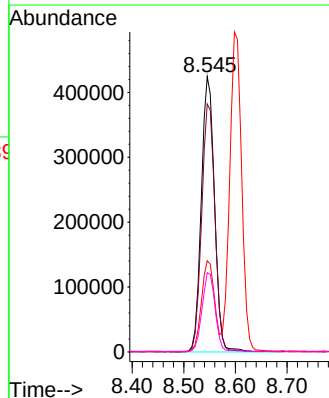
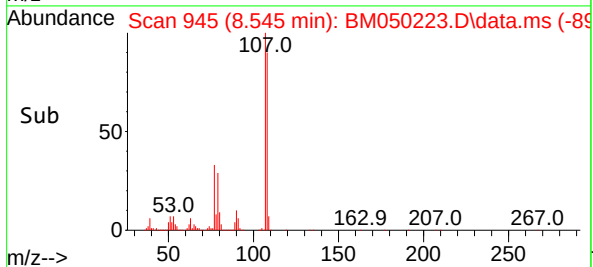
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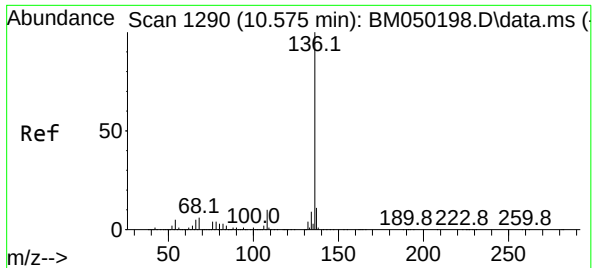


#20
3+4-Methylphenols
Concen: 36.639 ng
RT: 8.545 min Scan# 945
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



Tgt Ion:107 Resp: 754331
Ion Ratio Lower Upper
107 100
108 90.0 70.4 110.4
77 33.1 12.2 52.2
79 28.8 7.7 47.7





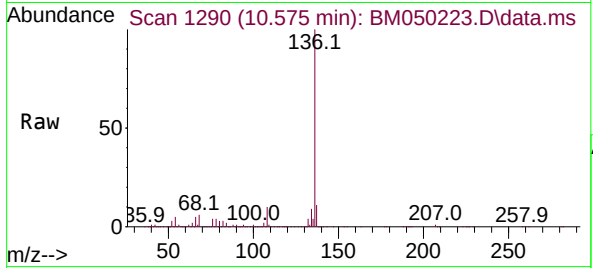
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

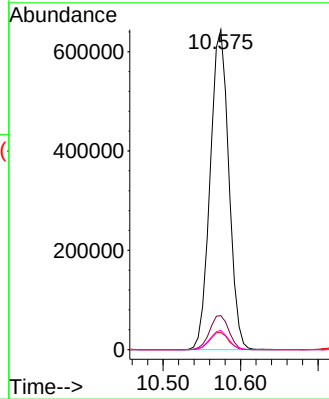
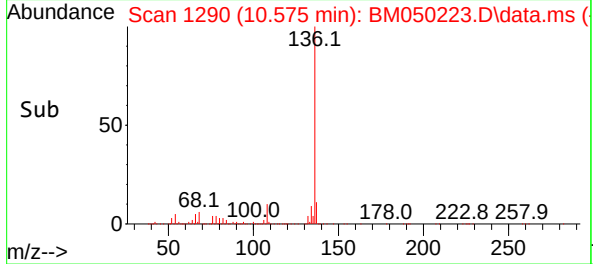
SSTDCCC040



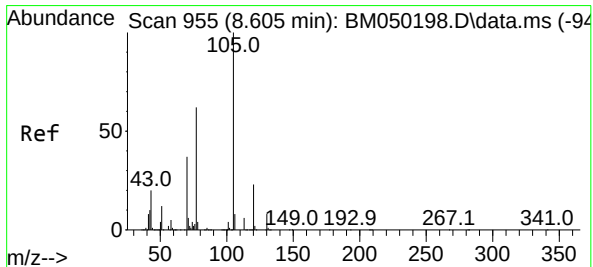
Tgt Ion:136 Resp: 1074646
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.3 3.8 5.8
68 6.0 4.9 7.3

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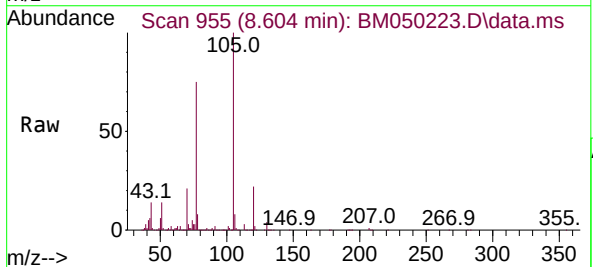
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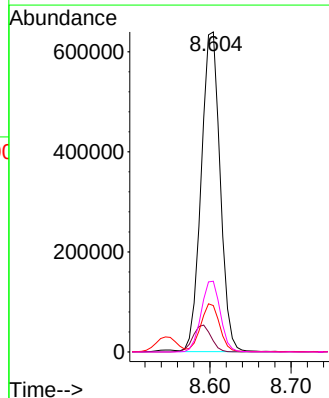
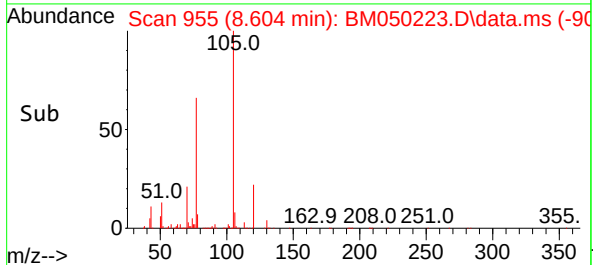
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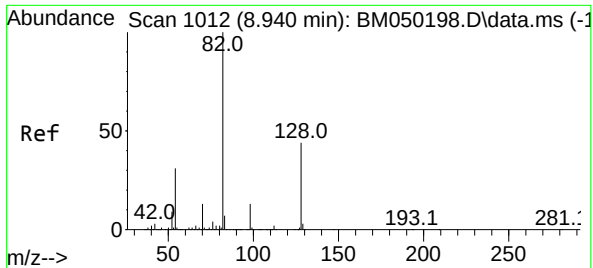


#22
Acetophenone
Concen: 38.593 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



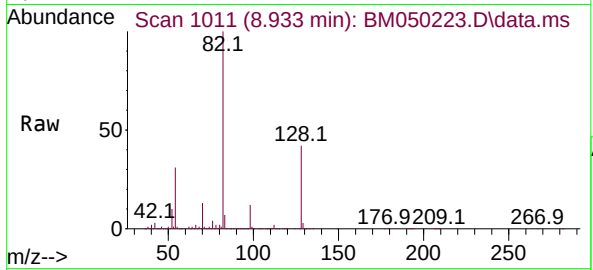
Tgt Ion:105 Resp: 1036133
Ion Ratio Lower Upper
105 100
71 3.4 5.0 7.4#
51 14.5 11.4 17.2
120 22.1 18.2 27.4





#23
Nitrobenzene-d5
Concen: 79.618 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

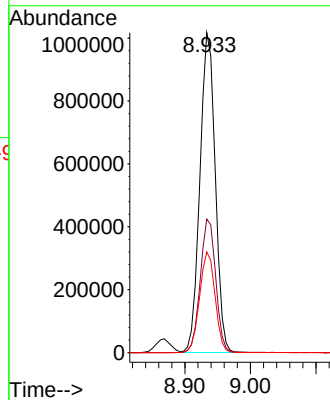
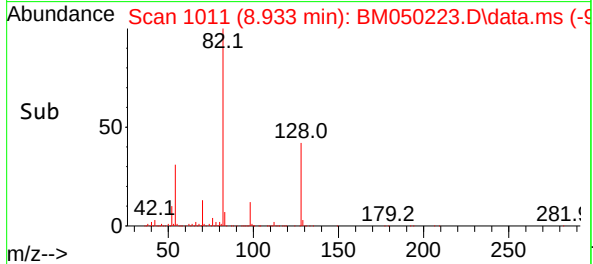
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 164514
Ion Ratio Lower Upper
82 100
128 41.7 35.2 52.8
54 31.5 24.5 36.7

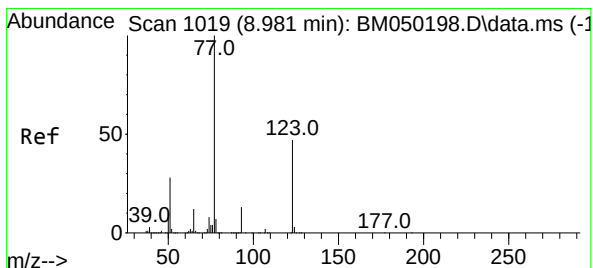
Manual Integrations
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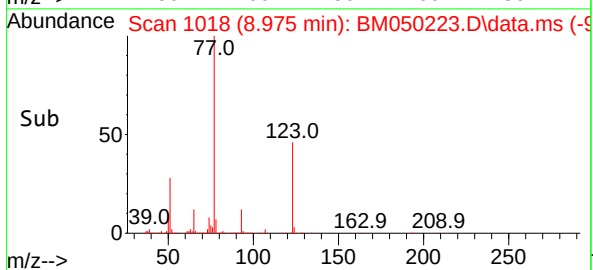
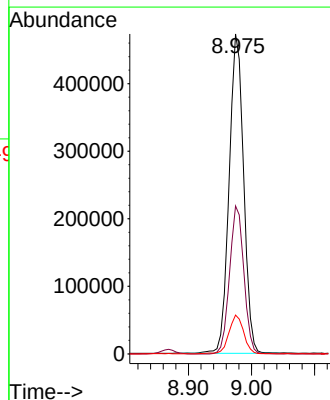
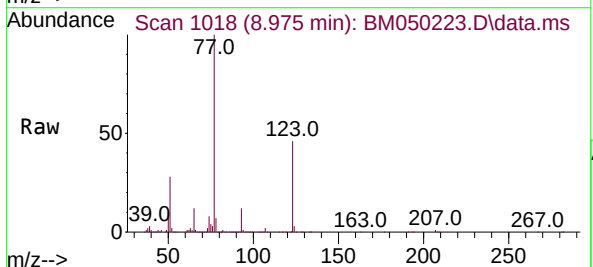
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Upadhyay

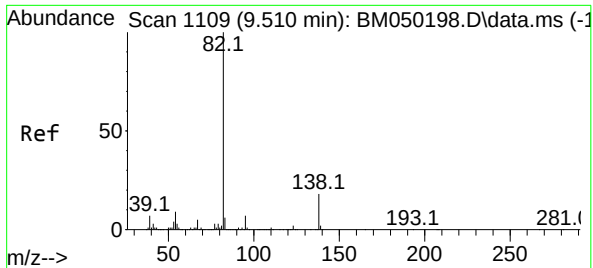
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#24
Nitrobenzene
Concen: 40.220 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

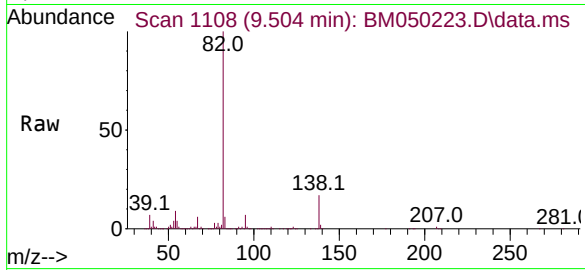
Tgt Ion: 77 Resp: 755843
Ion Ratio Lower Upper
77 100
123 46.2 38.2 57.2
65 12.1 9.5 14.3





#25
Isophorone
Concen: 37.515 ng
RT: 9.504 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

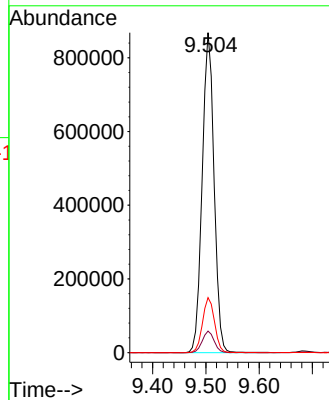
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1337935
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.2 14.2 21.2

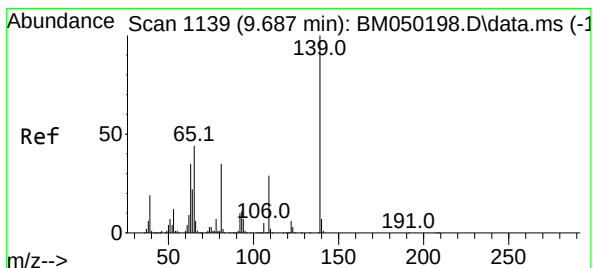
Manual Integrations
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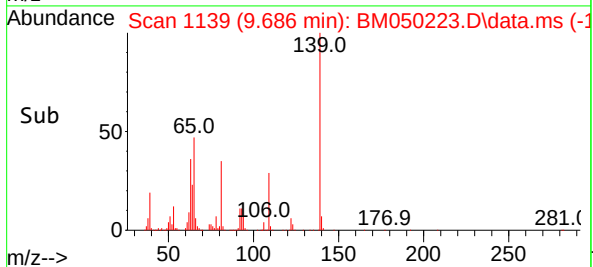
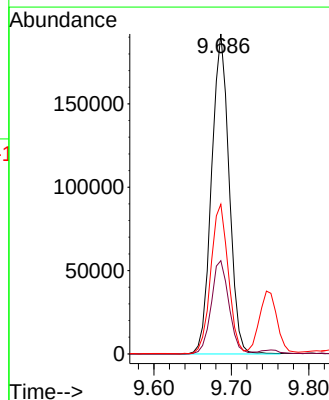
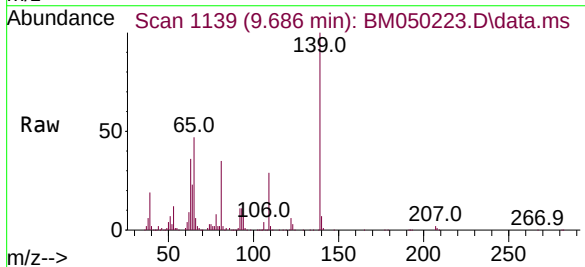
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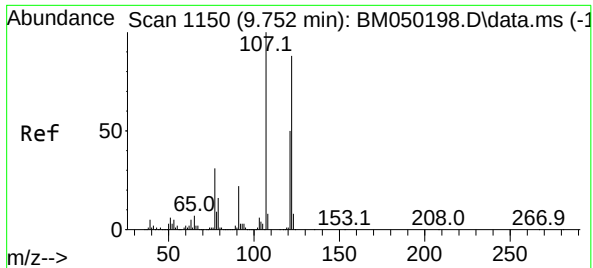
06/09/2025



#26
2-Nitrophenol
Concen: 37.096 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:139 Resp: 300923
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 46.8 35.2 52.8





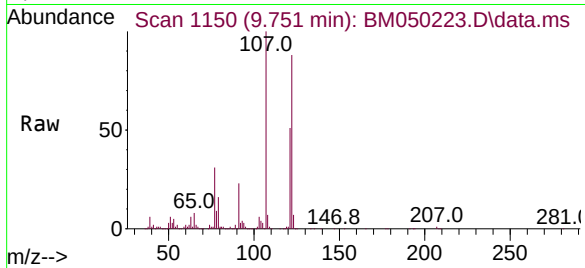
#27
2,4-Dimethylphenol
Concen: 37.501 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

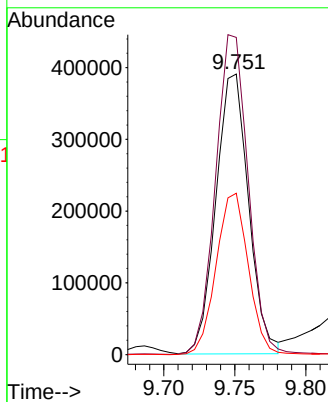
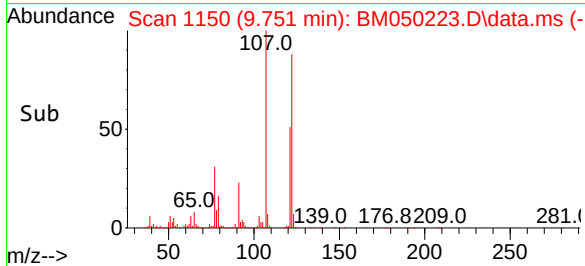


Tgt Ion:122 Resp: 625059
Ion Ratio Lower Upper
122 100
107 113.0 91.0 136.6
121 57.5 45.8 68.6

Manual Integrations

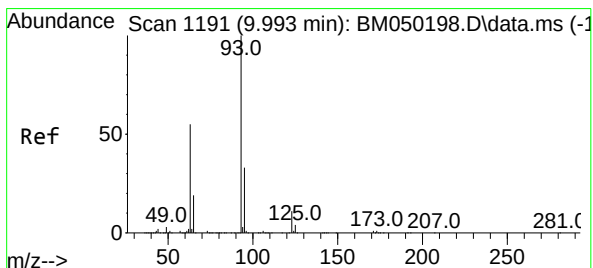
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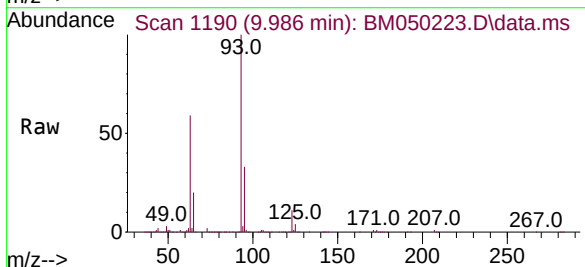


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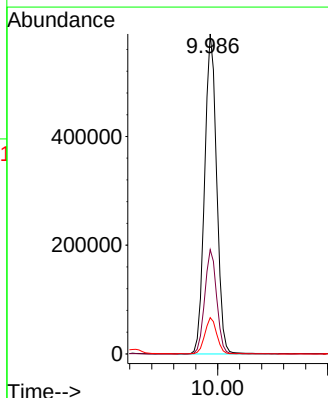
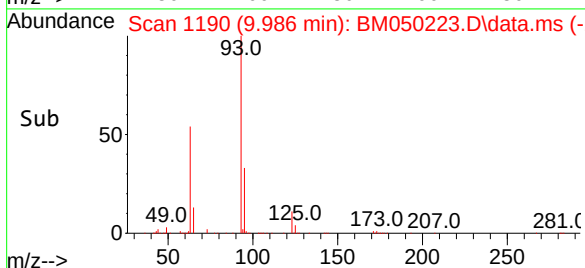
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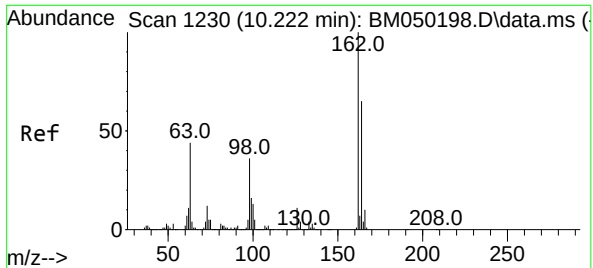


#28
bis(2-Chloroethoxy)methane
Concen: 38.359 ng
RT: 9.986 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



Tgt Ion: 93 Resp: 893708
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.4 8.9 13.3





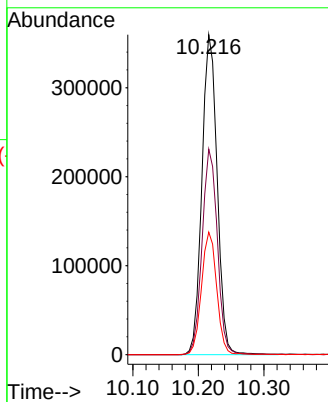
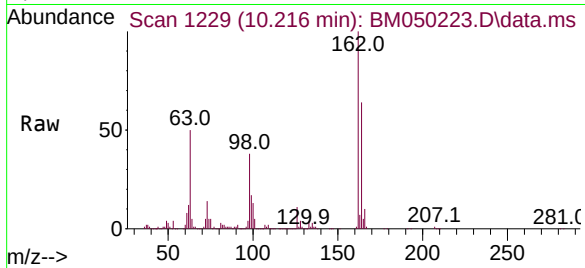
#29
2,4-Dichlorophenol
Concen: 37.529 ng
RT: 10.216 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 578845
Ion Ratio Lower Upper
162 100
164 64.2 45.0 85.0
98 38.3 16.3 56.3

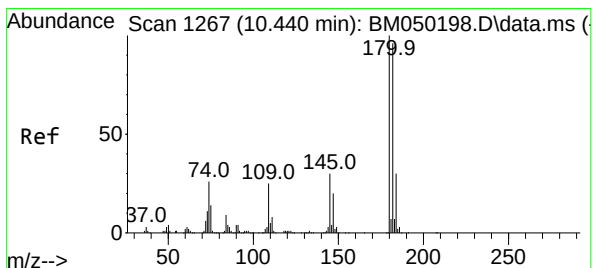
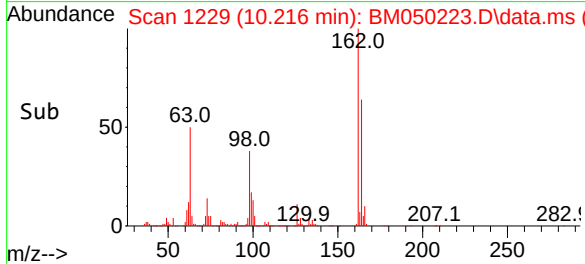
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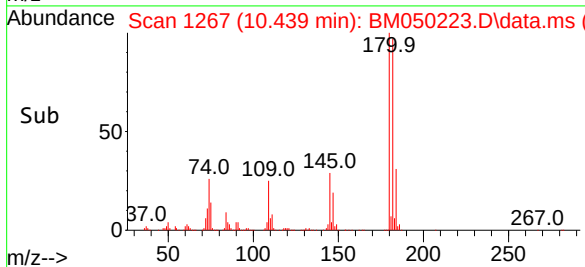
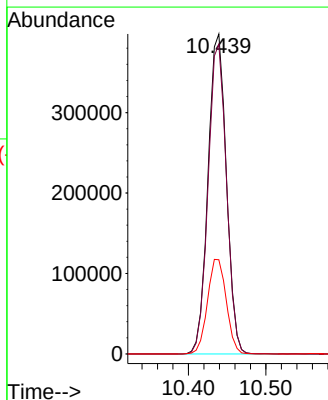
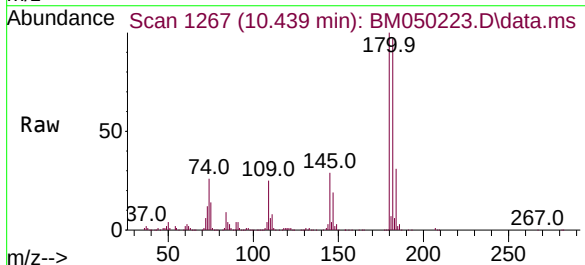
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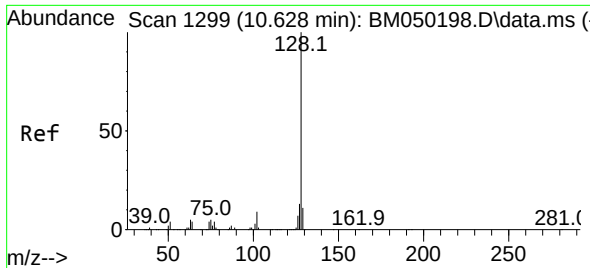
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#30
1,2,4-Trichlorobenzene
Concen: 38.131 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

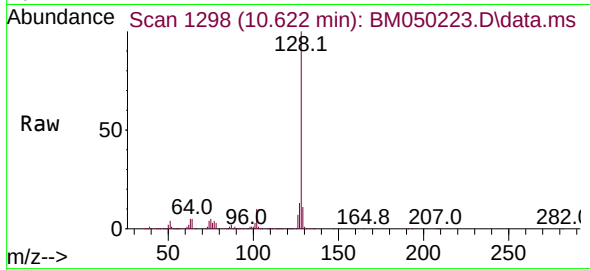
Tgt Ion:180 Resp: 654471
Ion Ratio Lower Upper
180 100
182 96.8 76.6 114.8
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 37.940 ng
RT: 10.622 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

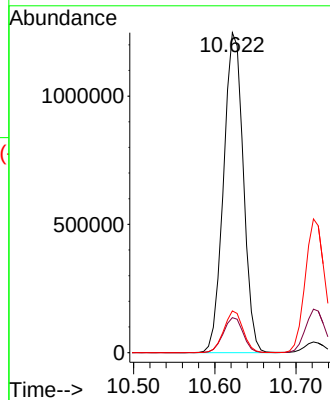
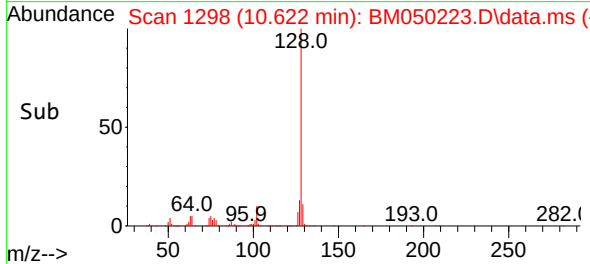
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2107998
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.2 15.4

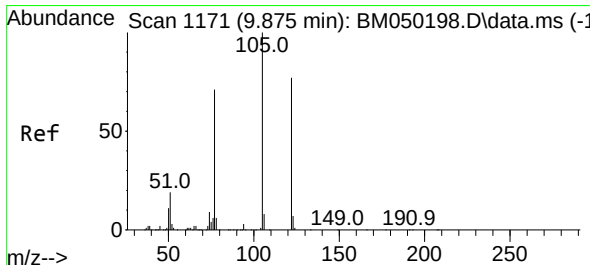
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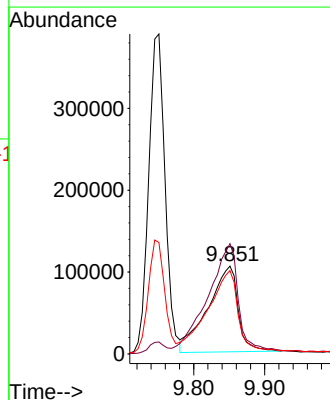
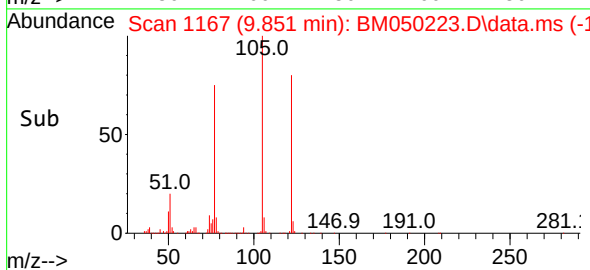
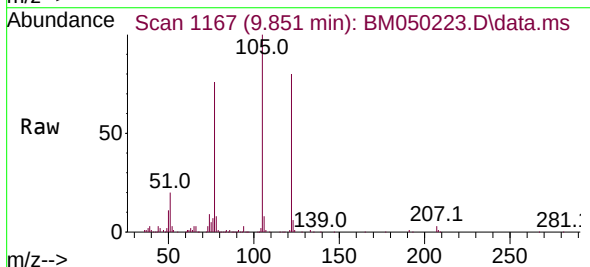
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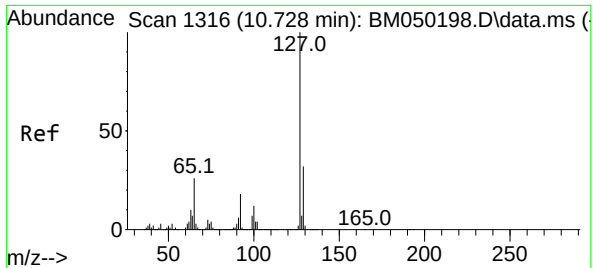
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#32
Benzoic acid
Concen: 29.702 ng
RT: 9.851 min Scan# 1167
Delta R.T. -0.065 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

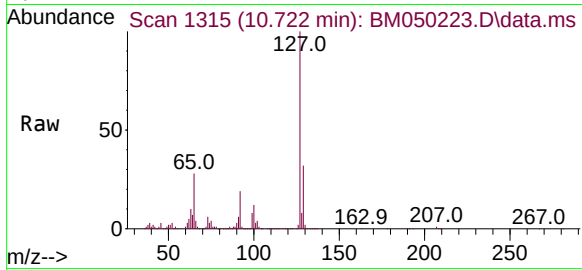
Tgt Ion:122 Resp: 311122
Ion Ratio Lower Upper
122 100
105 125.4 103.4 143.4
77 94.9 70.3 110.3





#33
4-Chloroaniline
Concen: 36.977 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

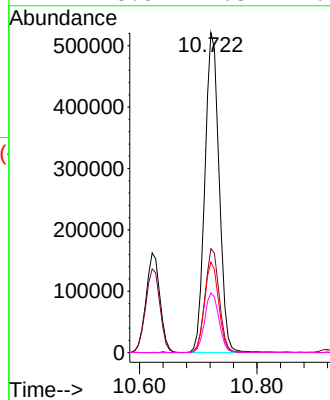
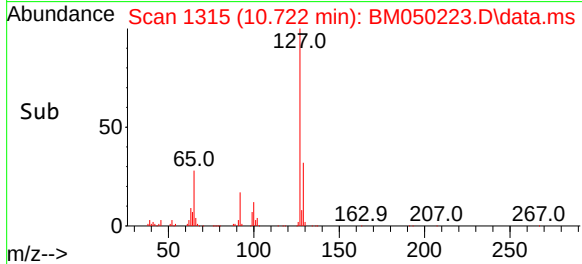
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 875911
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.0
65 28.3 21.0 31.4
92 18.6 14.8 22.2

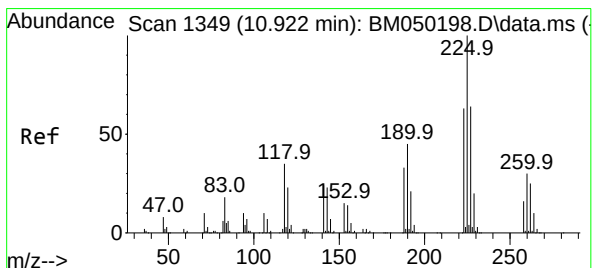
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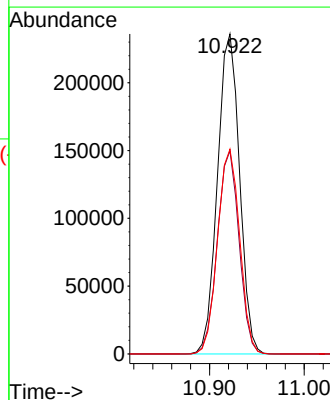
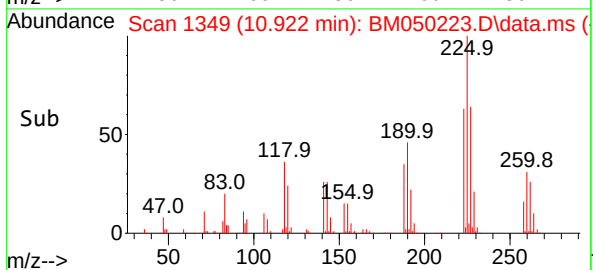
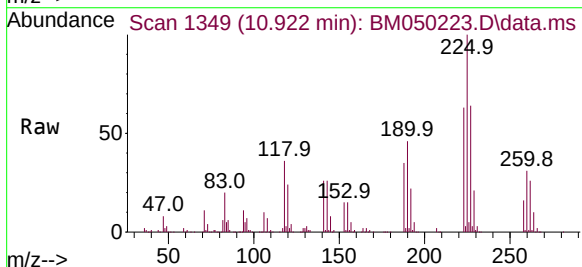
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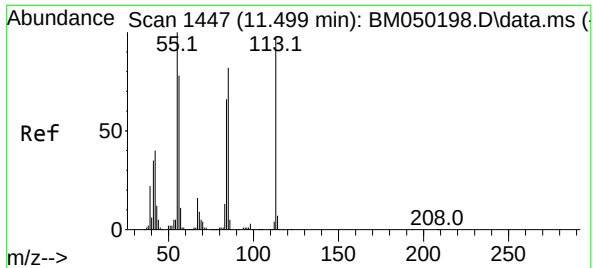
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#34
Hexachlorobutadiene
Concen: 37.408 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

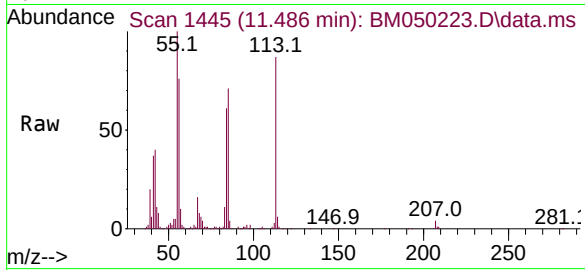
Tgt Ion:225 Resp: 381906
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 64.0 51.0 76.4





#35
Caprolactam
Concen: 33.806 ng
RT: 11.486 min Scan# 1447
Delta R.T. -0.036 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

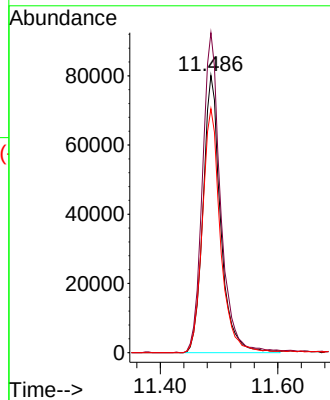
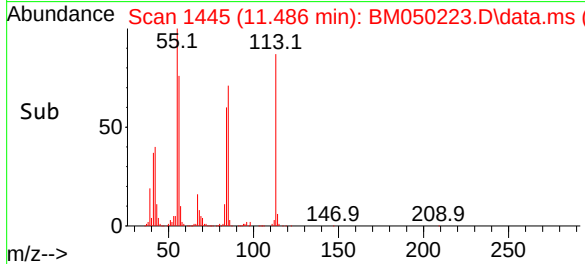
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:113 Resp: 16531
Ion Ratio Lower Upper
113 100
55 115.5 83.5 123.5
56 88.0 60.6 100.6

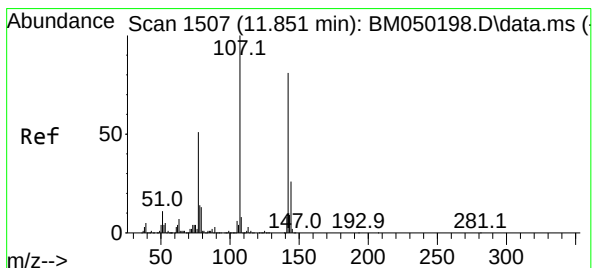
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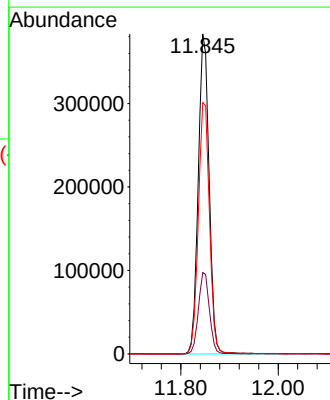
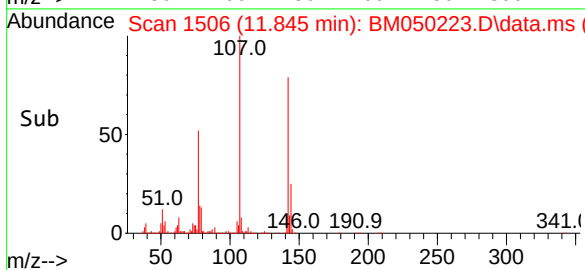
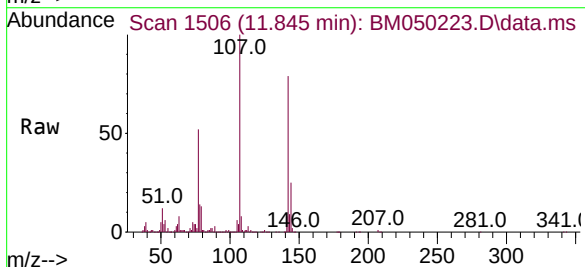
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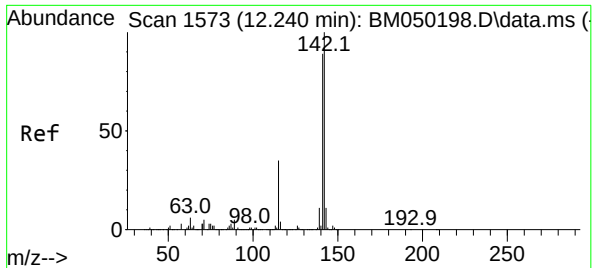
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#36
4-Chloro-3-methylphenol
Concen: 35.975 ng
RT: 11.845 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

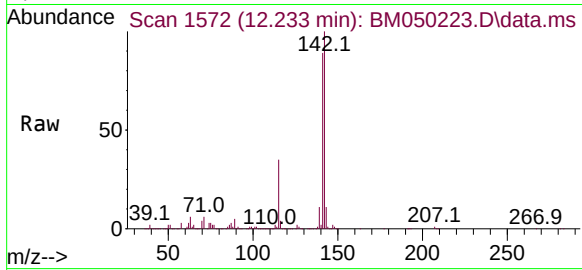
Tgt Ion:107 Resp: 592093
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.6
142 78.5 64.8 97.2





#37
2-Methylnaphthalene
Concen: 36.724 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

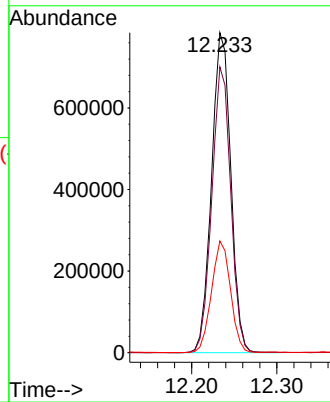
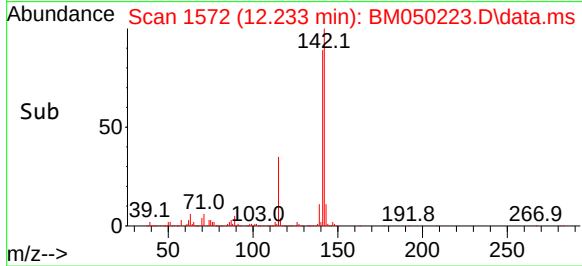
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1230954
Ion Ratio Lower Upper
142 100
141 89.3 71.5 107.3
115 34.9 27.8 41.8

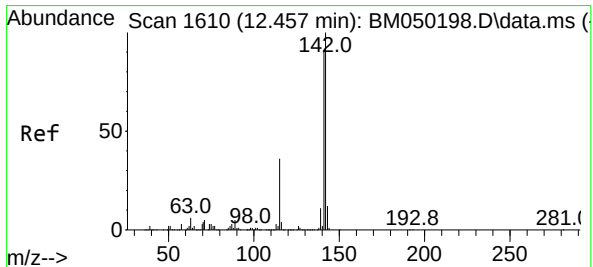
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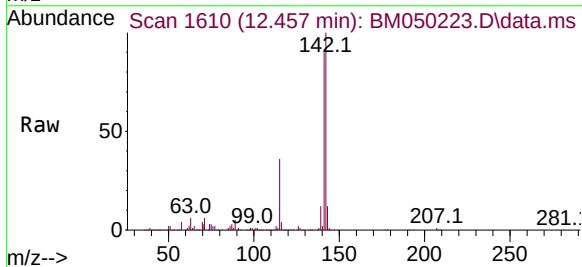


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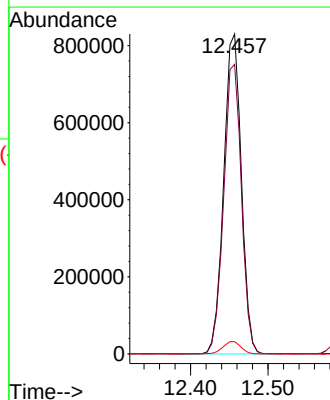
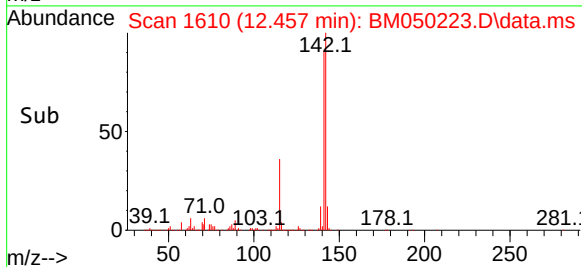
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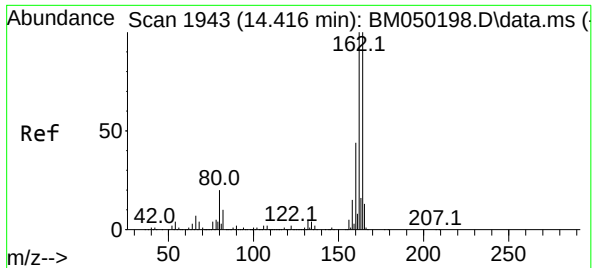


#38
1-Methylnaphthalene
Concen: 36.928 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



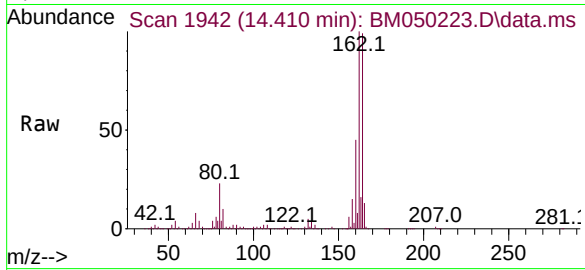
Tgt Ion:142 Resp: 1313757
Ion Ratio Lower Upper
142 100
141 90.5 72.9 109.3
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

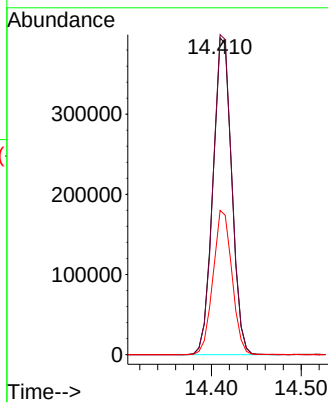
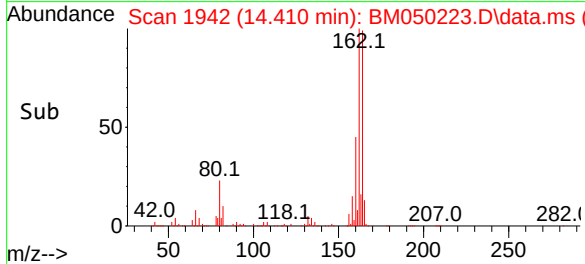
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 577654
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.4
160 45.5 35.7 53.5

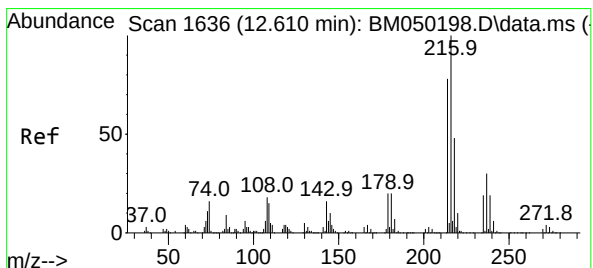
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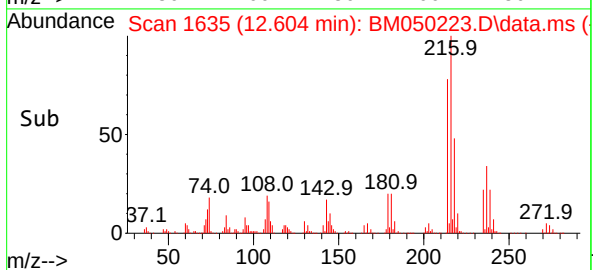
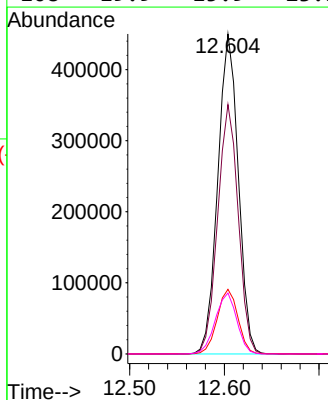
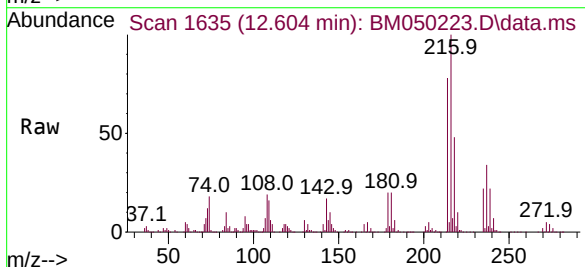
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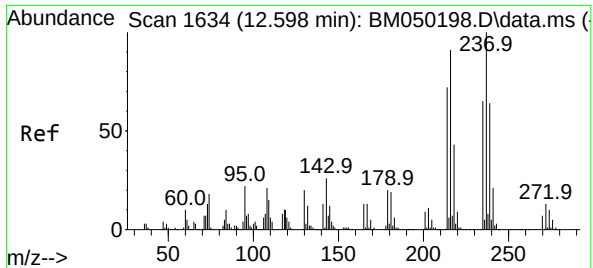
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.525 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

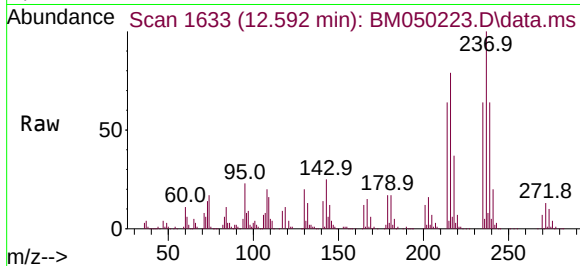
Tgt Ion:216 Resp: 675973
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.5 16.6 25.0
108 19.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 39.429 ng
RT: 12.592 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

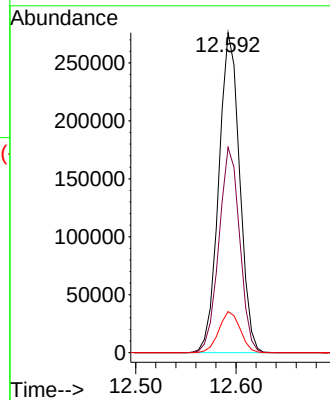
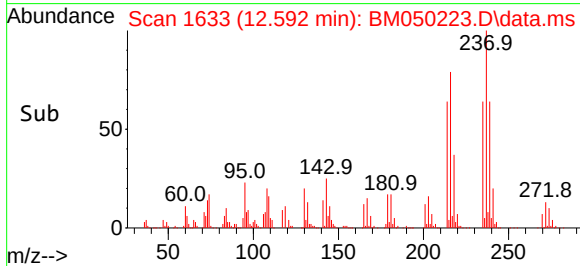
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 399414
Ion Ratio Lower Upper
237 100
235 64.1 44.6 84.6
272 12.8 0.0 33.1

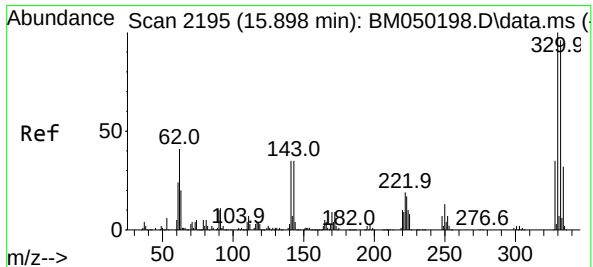
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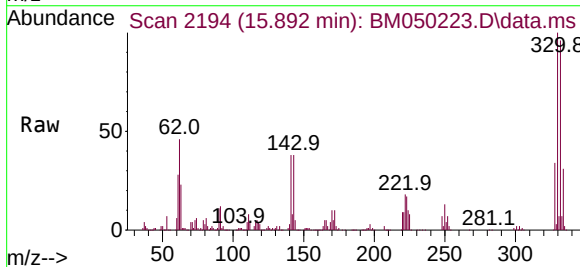


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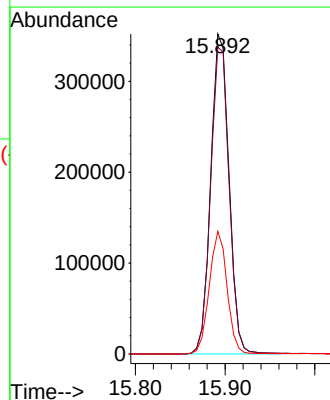
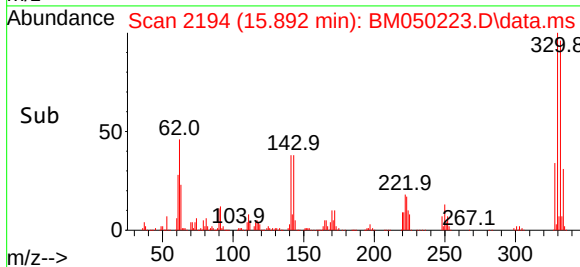
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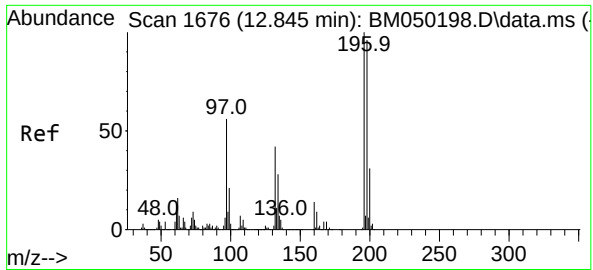


#42
2,4,6-Tribromophenol
Concen: 75.890 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



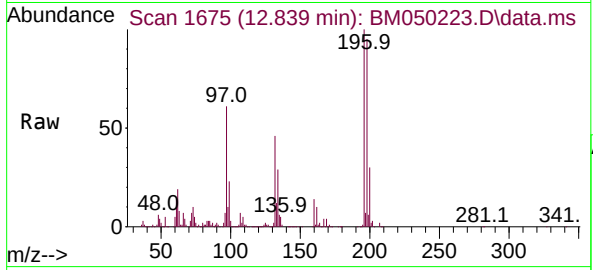
Tgt Ion: 330 Resp: 498629
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 37.4 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 38.762 ng
RT: 12.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

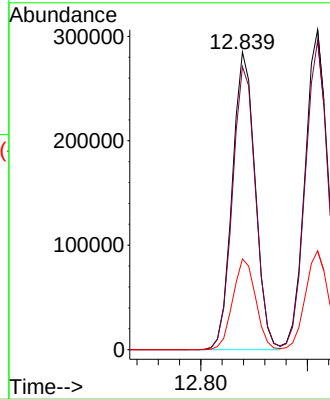
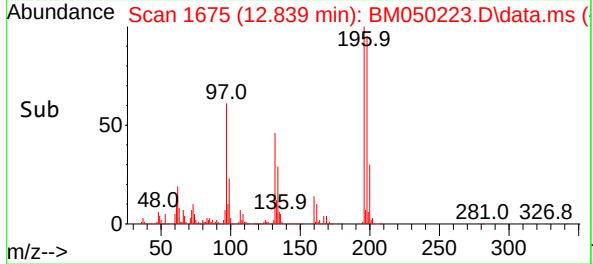
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 425186
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
200 30.5 24.5 36.7

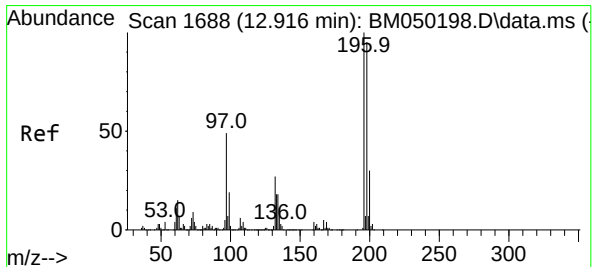
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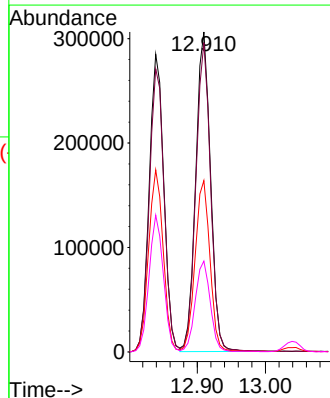
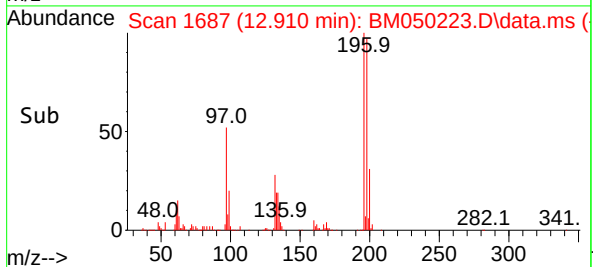
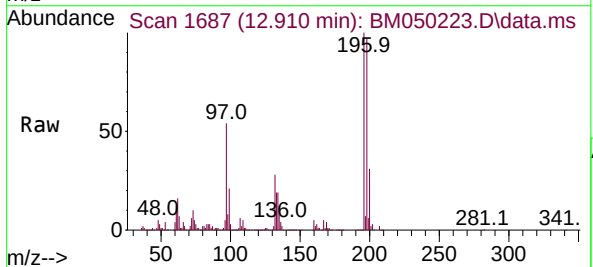
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Upadhyay

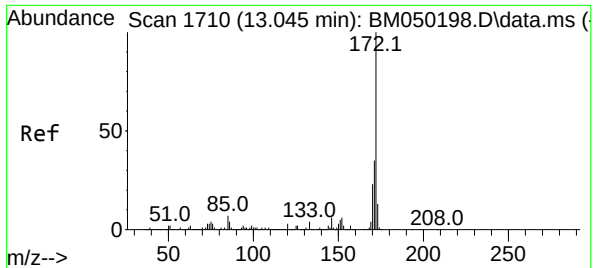
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#44
2,4,5-Trichlorophenol
Concen: 38.519 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:196 Resp: 463907
Ion Ratio Lower Upper
196 100
198 96.6 76.1 114.1
97 53.5 39.3 58.9
132 28.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 79.588 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

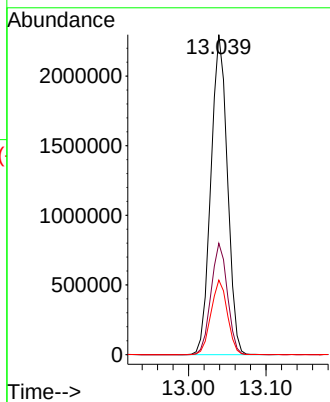
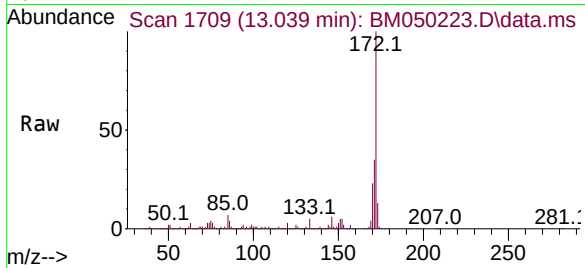
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 3395819
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.6 27.8

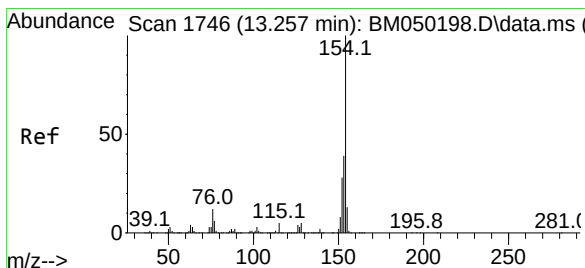
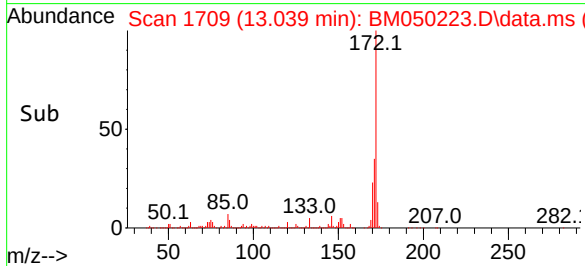
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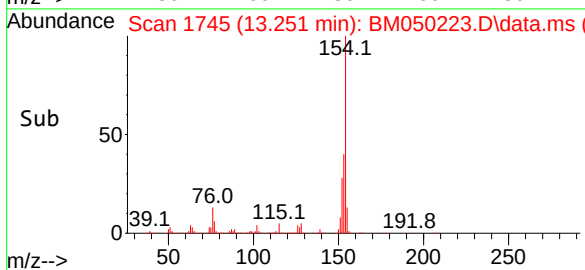
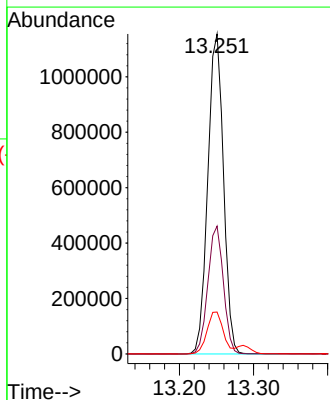
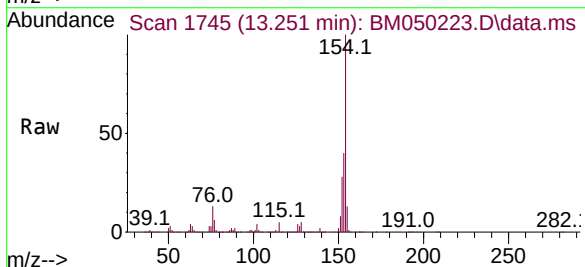
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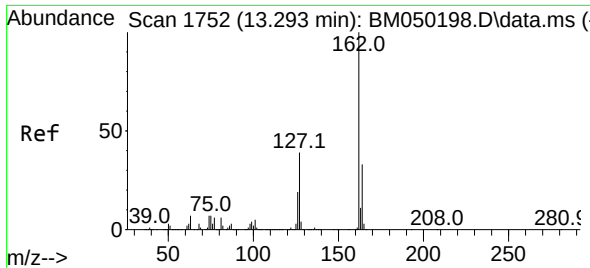
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#46
1,1'-Biphenyl
Concen: 39.167 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

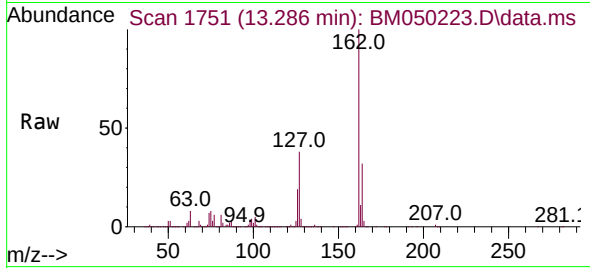
Tgt Ion:154 Resp: 1694151
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 13.1 0.0 32.0





#47
2-Chloronaphthalene
Concen: 39.493 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

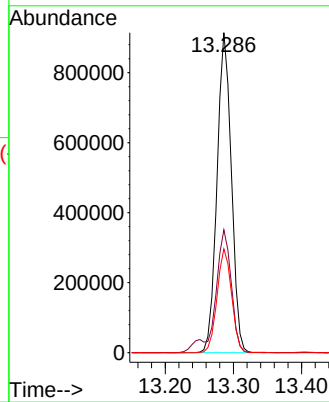
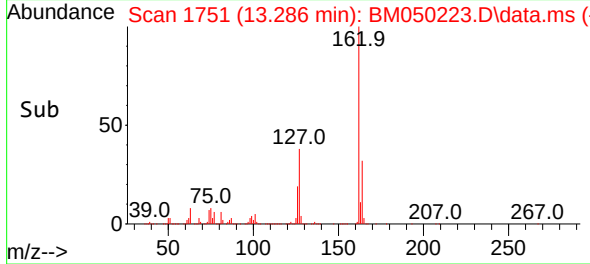
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 1328038
Ion Ratio Lower Upper
162 100
127 38.4 31.1 46.7
164 32.4 26.5 39.7

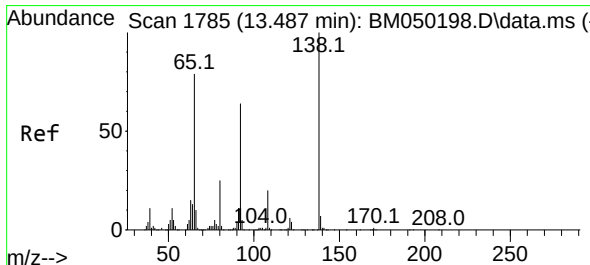
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Reviewed By :Rahul
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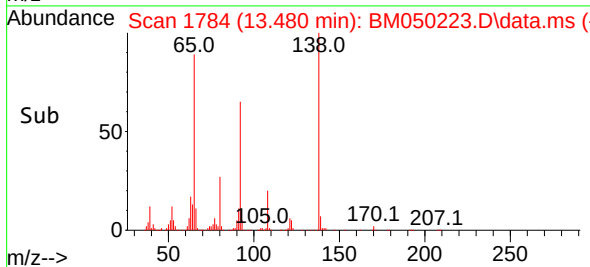
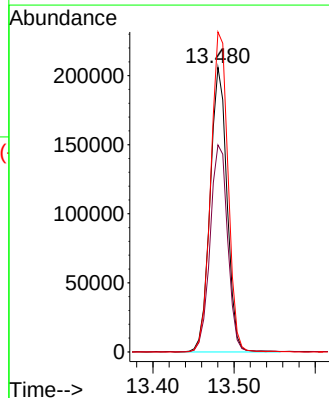
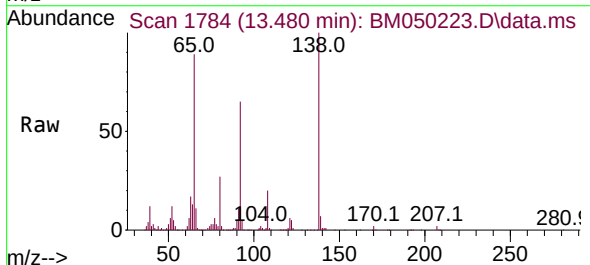
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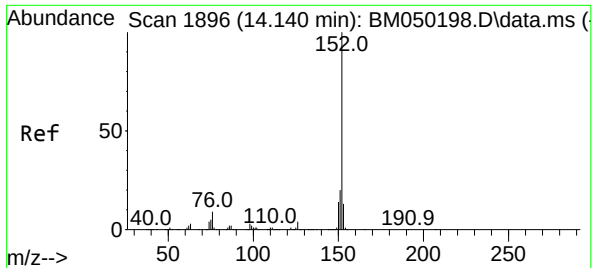
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#48
2-Nitroaniline
Concen: 40.350 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

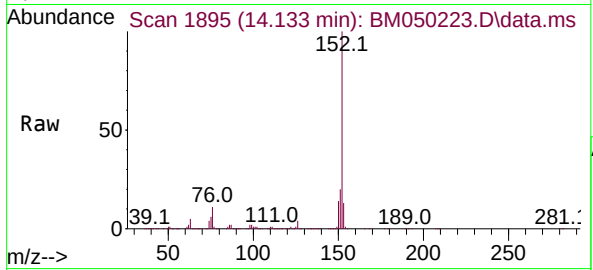
Tgt Ion: 65 Resp: 298598
Ion Ratio Lower Upper
65 100
92 72.8 64.2 96.4
138 112.5 101.0 151.4





#49
Acenaphthylene
Concen: 38.819 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

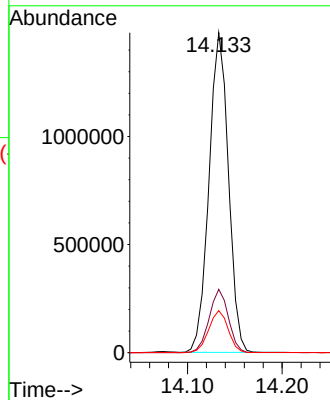
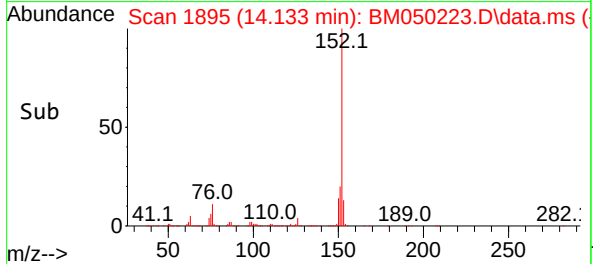
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 2111382
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.4 15.6

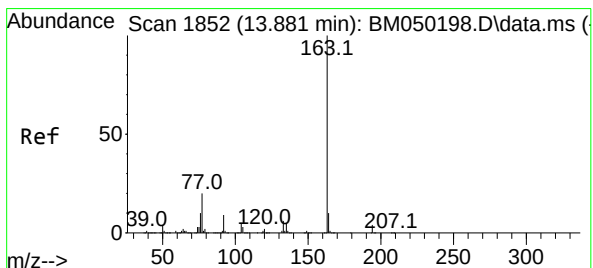
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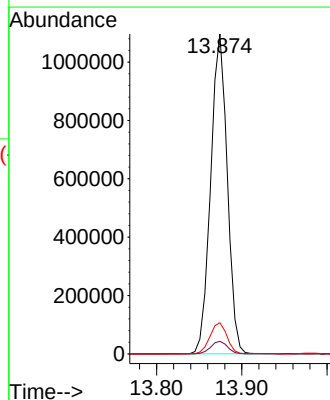
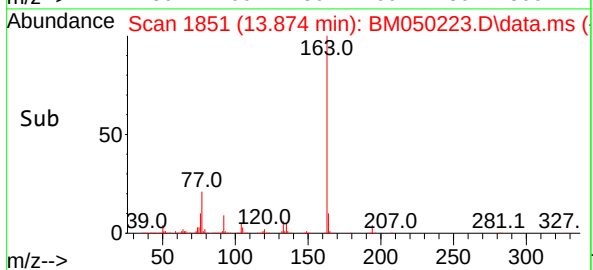
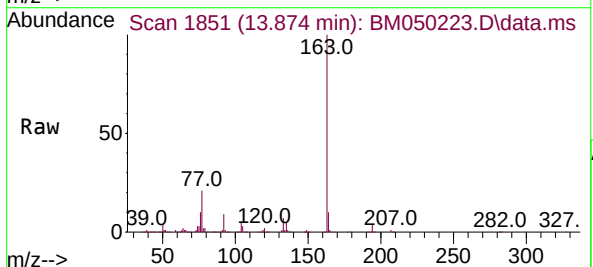
06/09/2025
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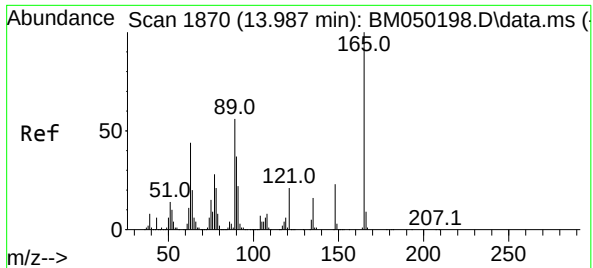
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#50
Dimethylphthalate
Concen: 37.931 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

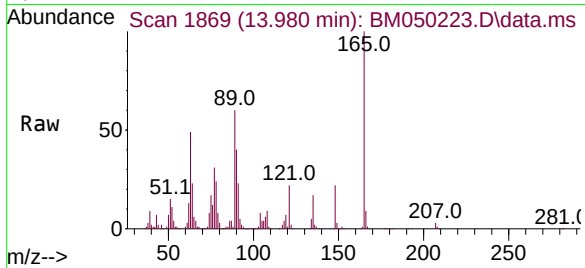
Tgt Ion:163 Resp: 1481820
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.033 ng
RT: 13.980 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

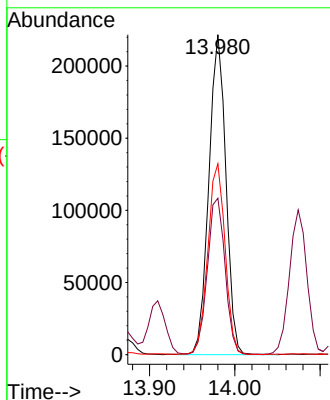
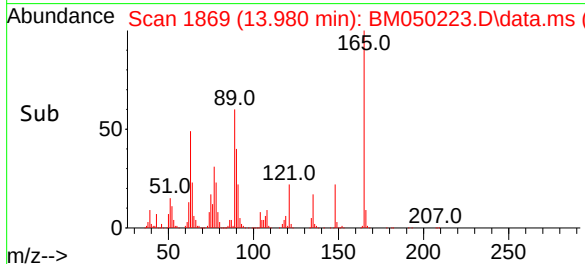
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 307517
Ion Ratio Lower Upper
165 100
63 48.9 35.8 53.6
89 59.6 44.8 67.2

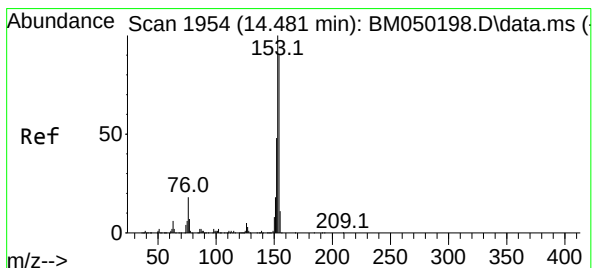
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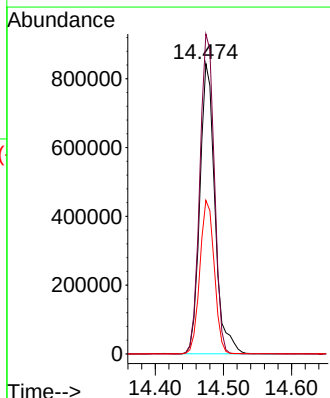
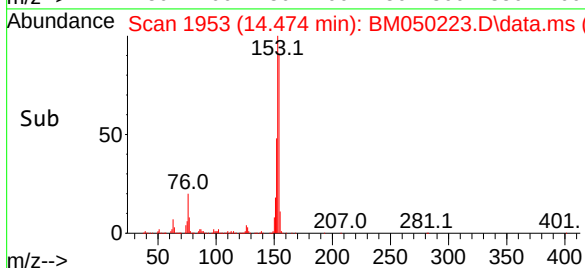
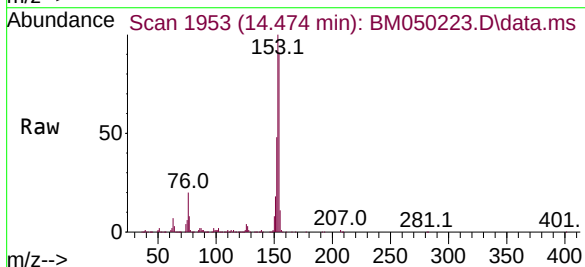
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Supervised By :Jagrut
Upadhyay

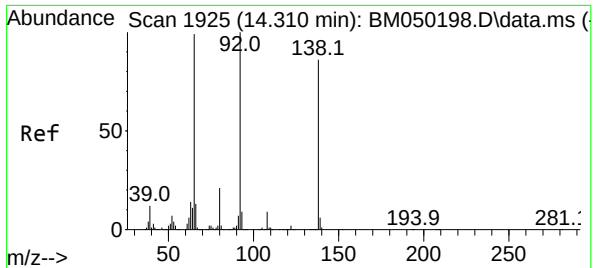
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#52
Acenaphthene
Concen: 38.066 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

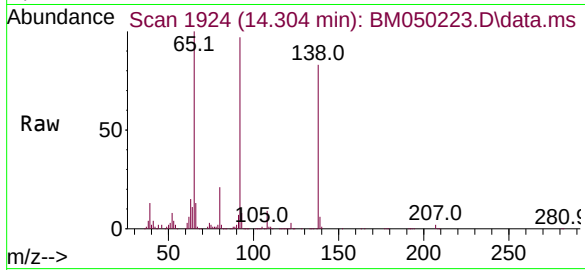
Tgt Ion:154 Resp: 1294998
Ion Ratio Lower Upper
154 100
153 110.2 88.7 133.1
152 52.9 42.6 63.8





#53
3-Nitroaniline
Concen: 38.510 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

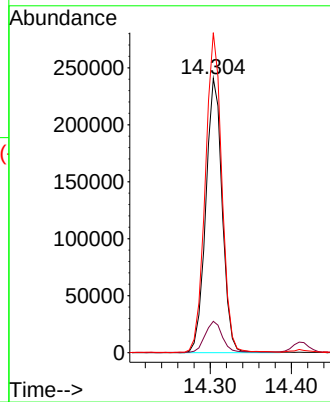
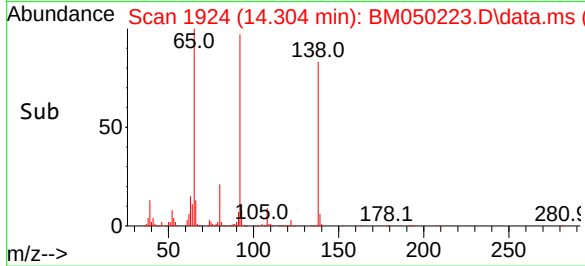
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 338138
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 116.7 92.9 139.3

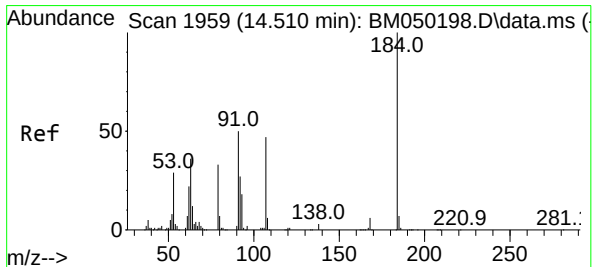
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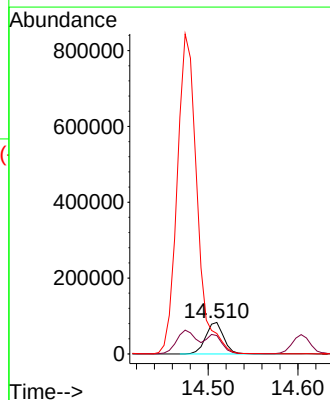
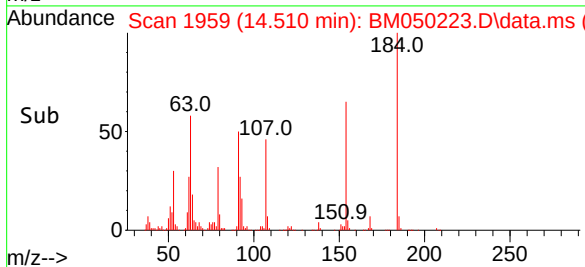
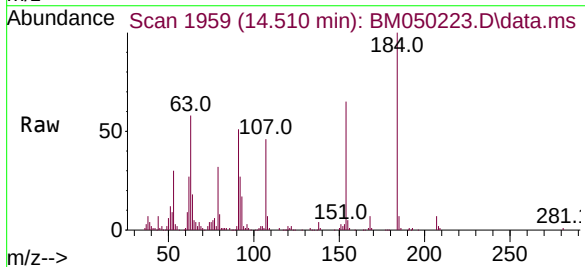
06/09/2025
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Upadhyay

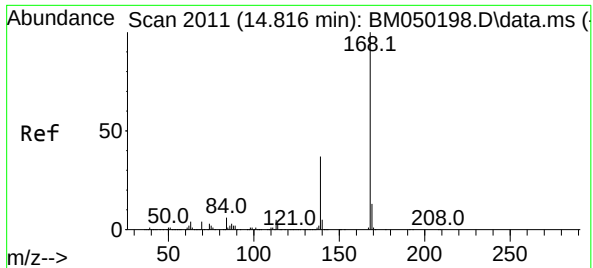
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#54
2,4-Dinitrophenol
Concen: 26.201 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

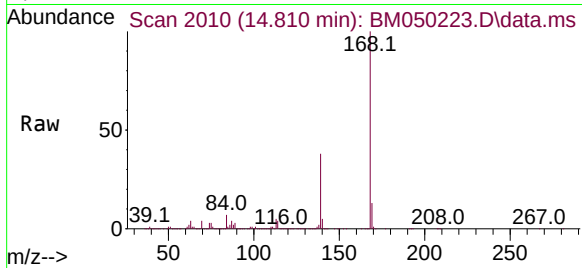
Tgt Ion:184 Resp: 115027
Ion Ratio Lower Upper
184 100
63 58.1 45.3 67.9
154 64.7 54.3 81.5





#55
Dibenzofuran
Concen: 38.304 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

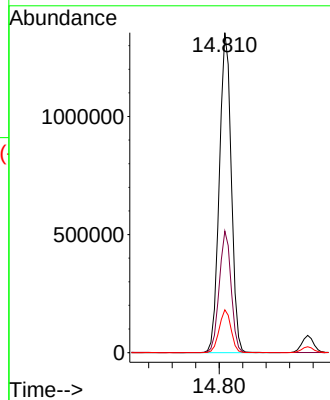
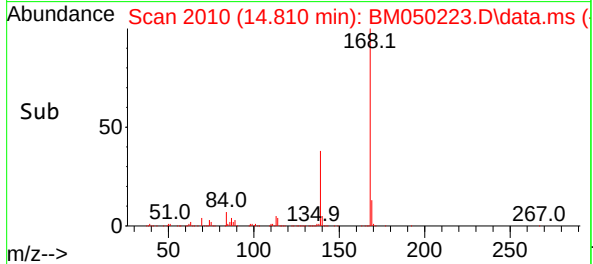
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1906439
Ion Ratio Lower Upper
168 100
139 38.0 29.9 44.9
169 13.4 10.6 16.0

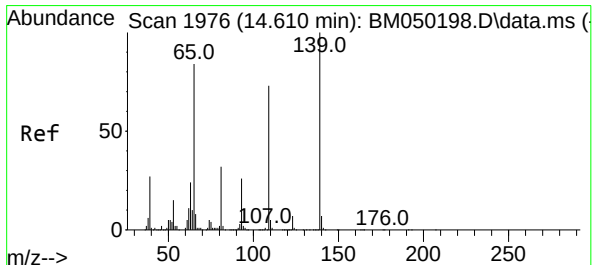
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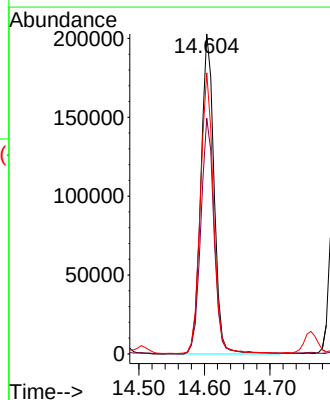
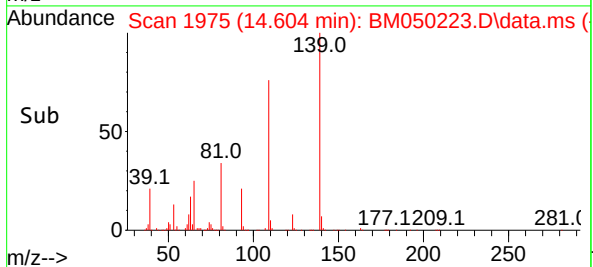
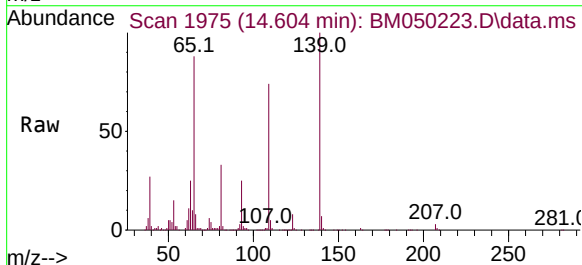
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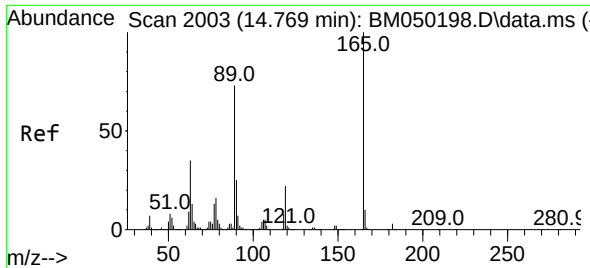
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#56
4-Nitrophenol
Concen: 37.564 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

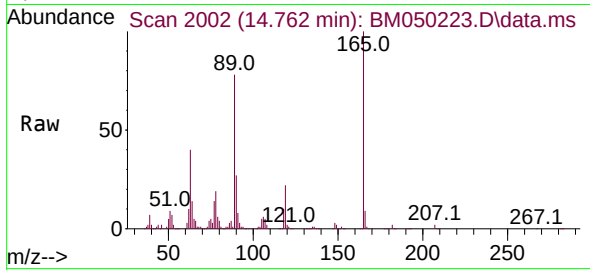
Tgt Ion:139 Resp: 280733
Ion Ratio Lower Upper
139 100
109 73.6 52.6 92.6
65 87.8 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 37.416 ng
RT: 14.762 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

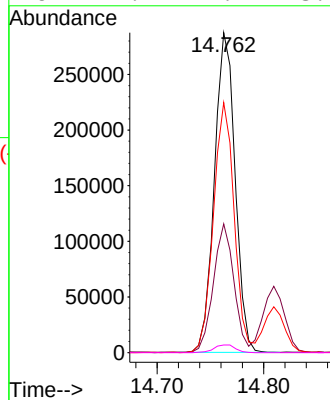
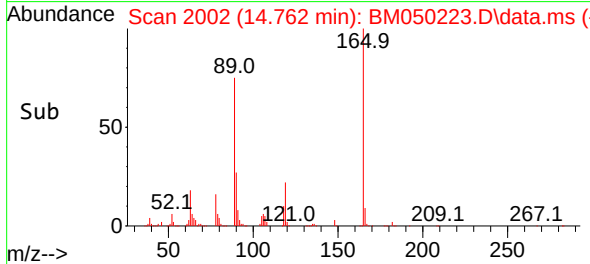
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 388856
Ion Ratio Lower Upper
165 100
63 40.2 28.4 42.6
89 78.1 58.0 87.0
182 2.4 2.2 3.2

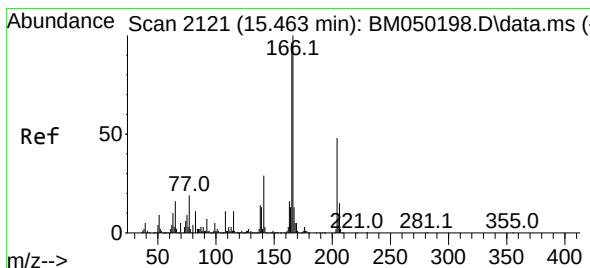
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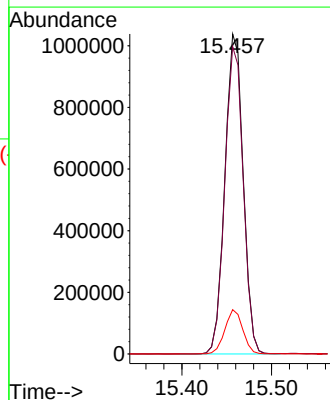
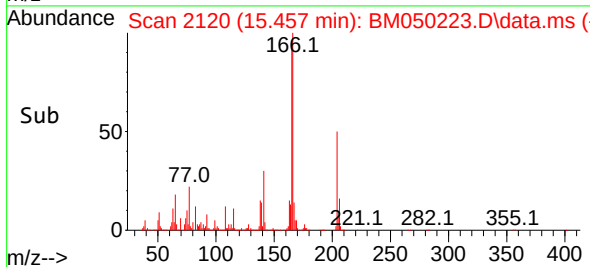
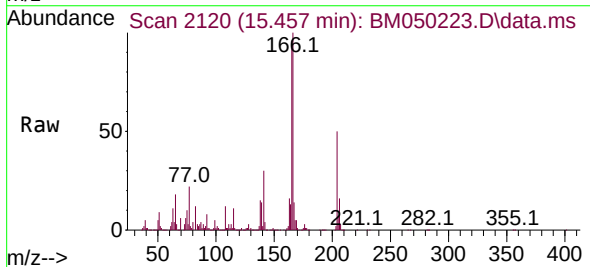
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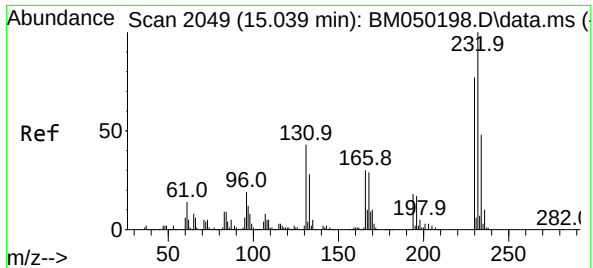
06/09/2025



#58
Fluorene
Concen: 38.758 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

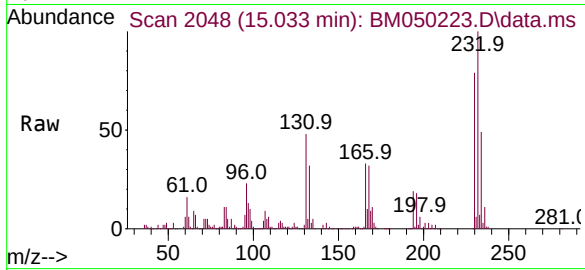
Tgt Ion:166 Resp: 1477480
Ion Ratio Lower Upper
166 100
165 96.0 77.0 115.4
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.512 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

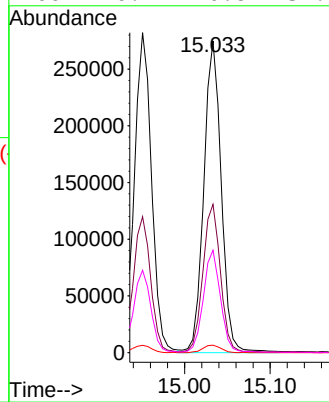
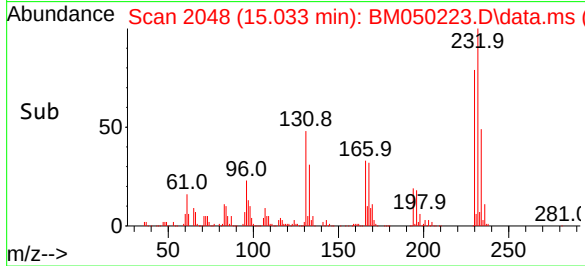
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 390874
Ion Ratio Lower Upper
232 100
131 43.1 32.9 49.3
130 2.5 1.8 2.8
166 26.1 20.8 31.2

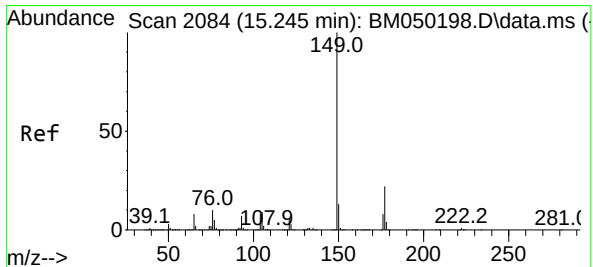
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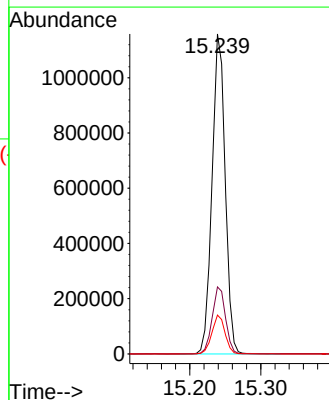
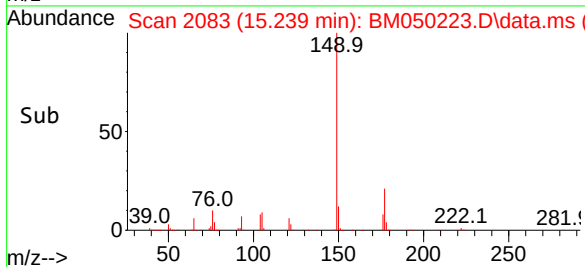
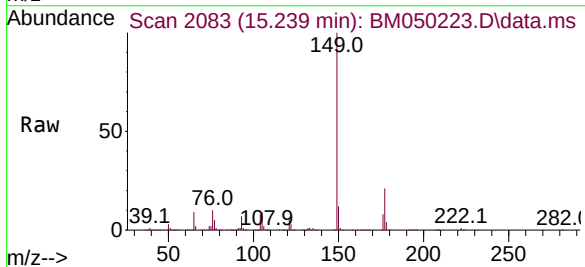
06/09/2025
Supervised By :Jagrut
Upadhyay

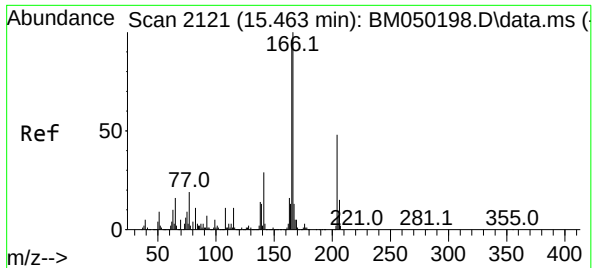
06/09/2025



#60
Diethylphthalate
Concen: 38.367 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

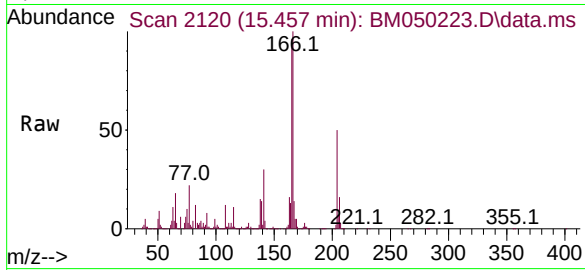
Tgt Ion:149 Resp: 1487176
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.846 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

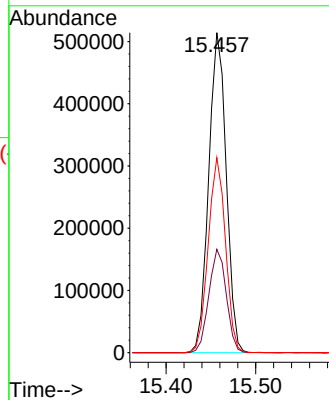
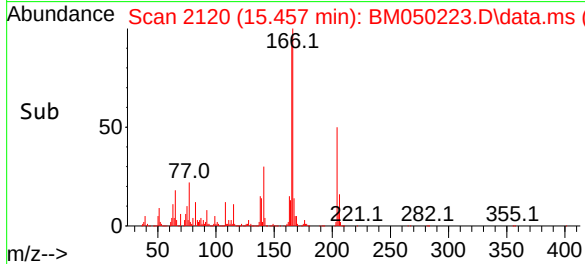
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 69725
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 60.9 47.9 71.9

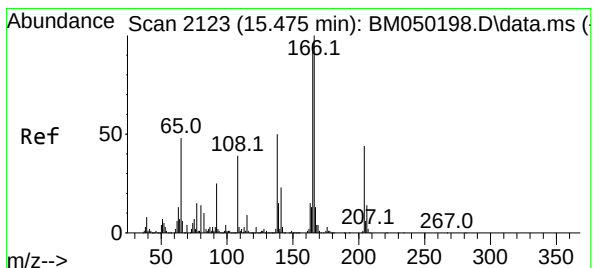
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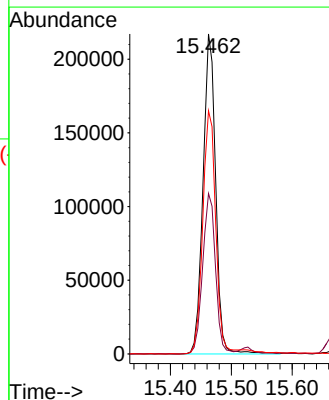
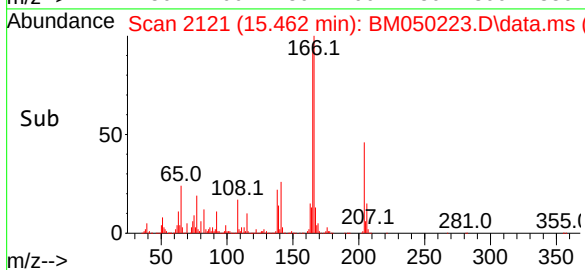
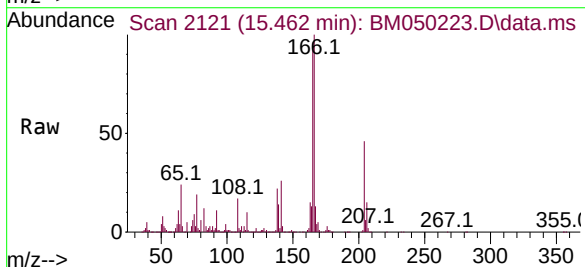
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Upadhyay

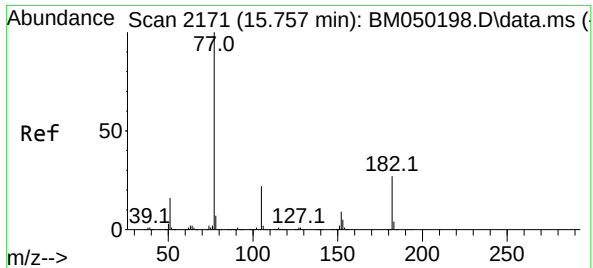
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#62
4-Nitroaniline
Concen: 37.897 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

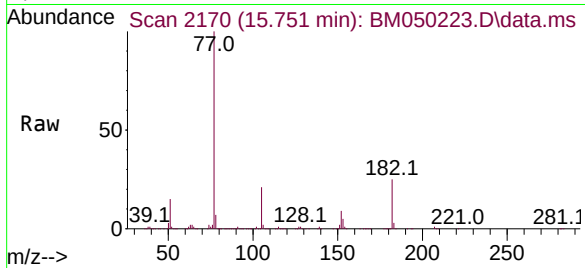
Tgt Ion:138 Resp: 311884
Ion Ratio Lower Upper
138 100
92 50.1 28.8 68.8
108 76.0 58.1 98.1





#63
Azobenzene
Concen: 39.793 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

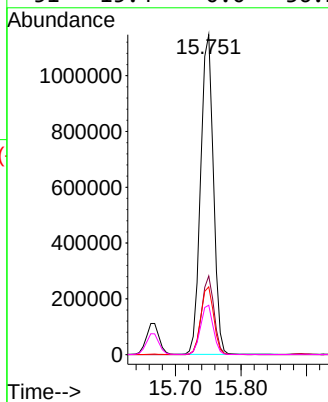
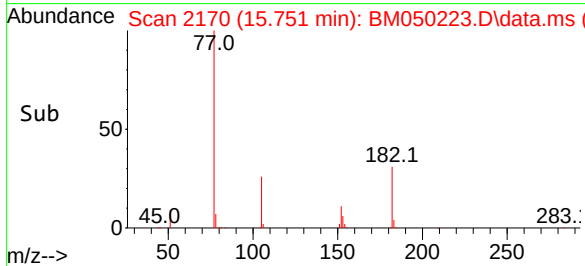
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1541719
Ion Ratio Lower Upper
77 100
182 24.6 6.8 46.8
105 21.2 1.7 41.7
51 15.4 0.0 36.2

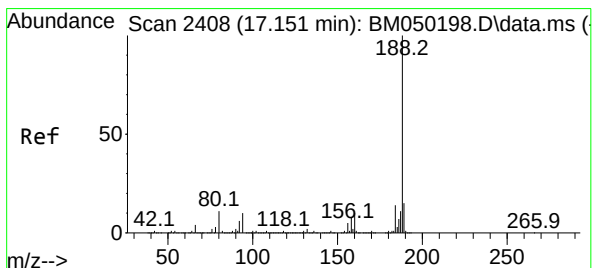
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Reviewed By :Rahul
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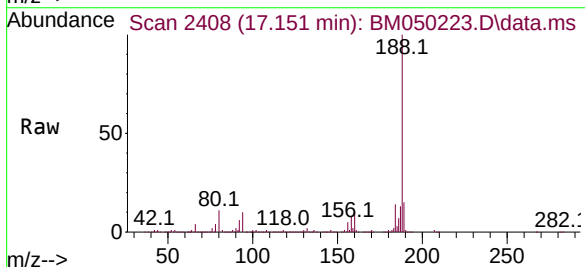


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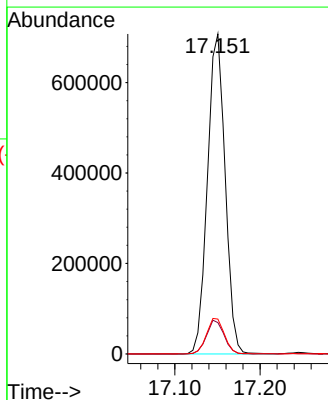
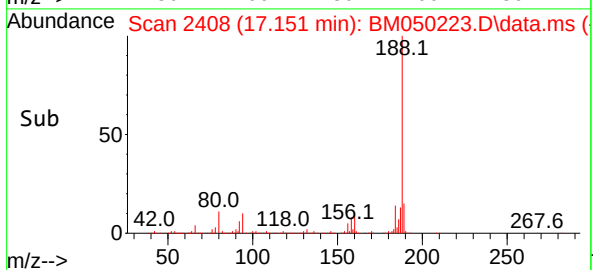
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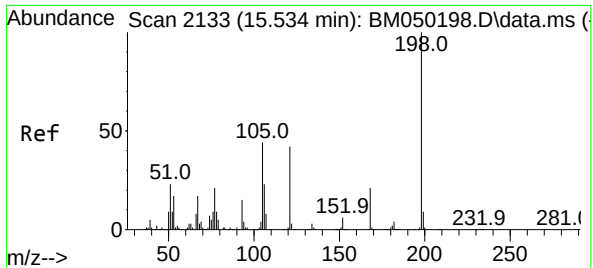


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



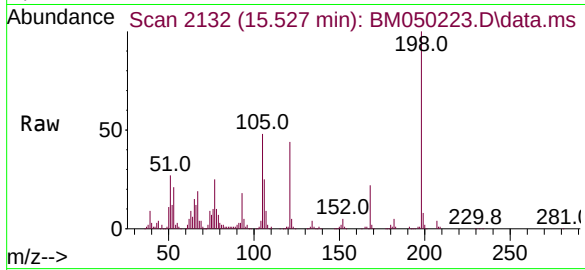
Tgt Ion:188 Resp: 1020063
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.9 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 33.760 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

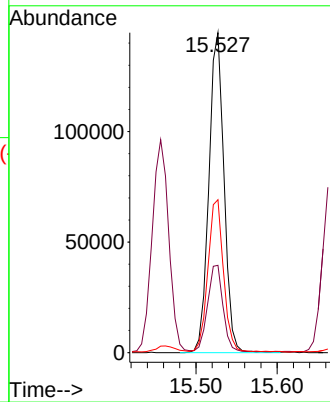
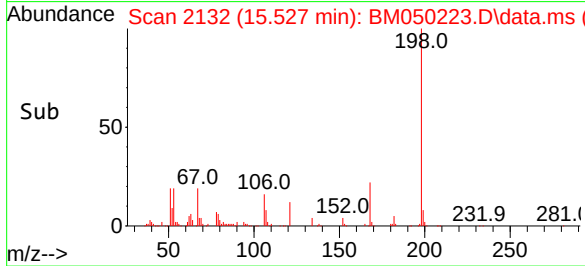
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 188089
Ion Ratio Lower Upper
198 100
51 27.3 4.5 44.5
105 47.8 24.9 64.9

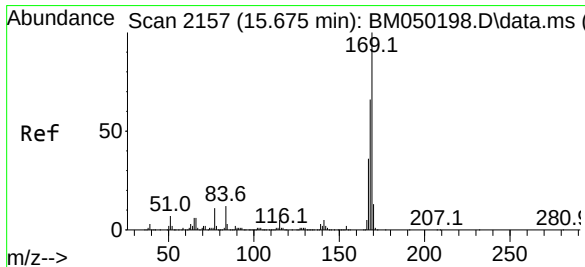
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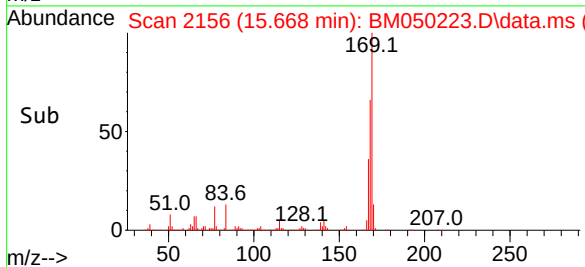
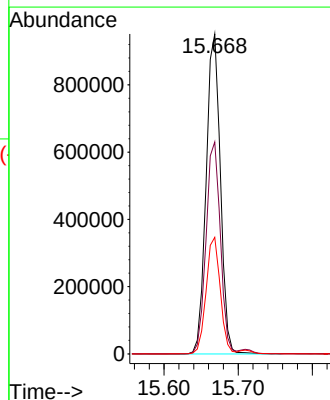
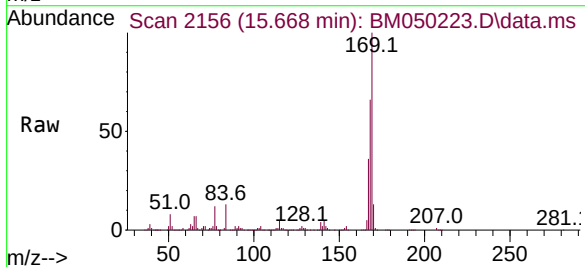
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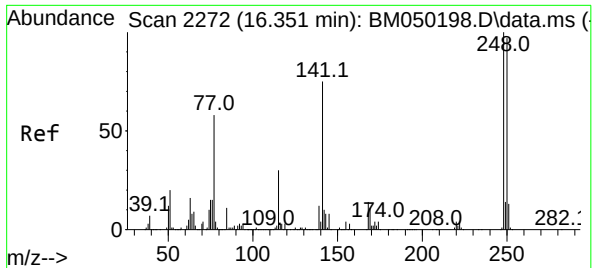
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#66
n-Nitrosodiphenylamine
Concen: 39.604 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

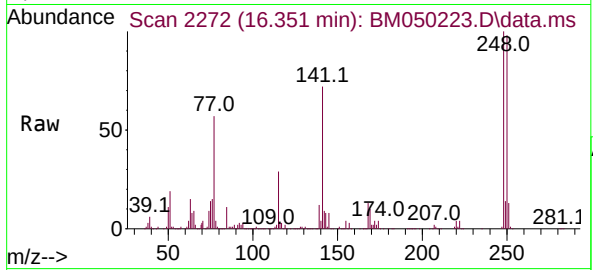
Tgt Ion:169 Resp: 1269360
Ion Ratio Lower Upper
169 100
168 66.2 53.1 79.7
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.649 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

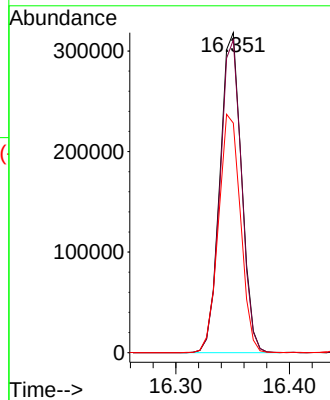
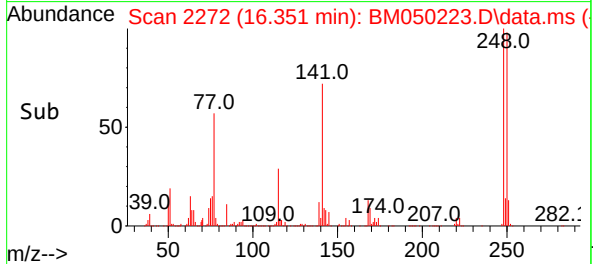
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 420416
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 71.7 60.1 90.1

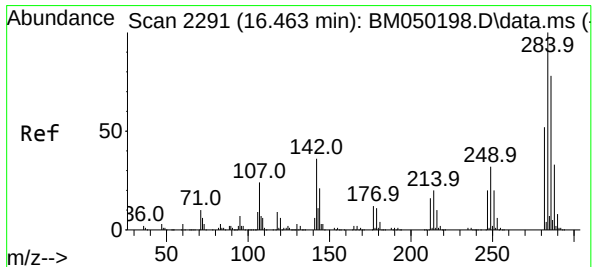
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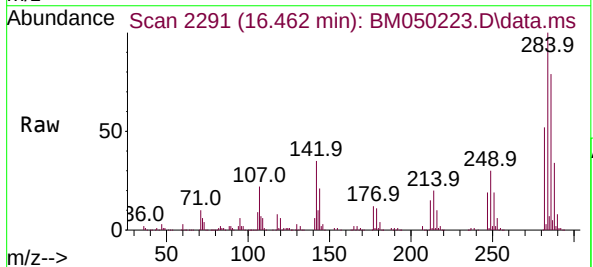


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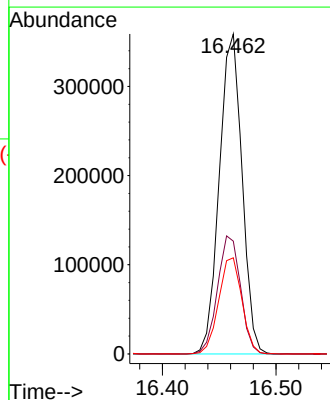
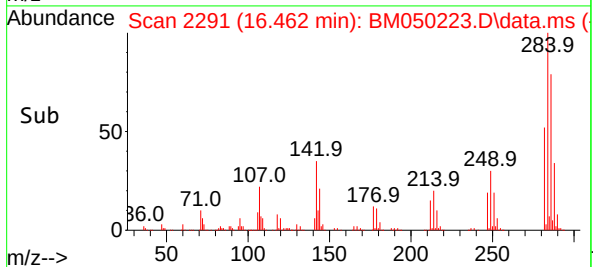
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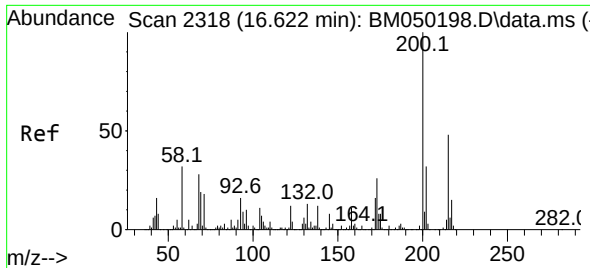


#68
Hexachlorobenzene
Concen: 39.187 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



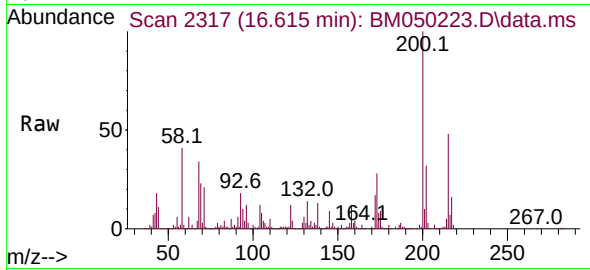
Tgt Ion:284 Resp: 498038
Ion Ratio Lower Upper
284 100
142 35.2 28.8 43.2
249 30.0 25.8 38.6





#69
Atrazine
Concen: 38.856 ng
RT: 16.615 min Scan# 2317
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

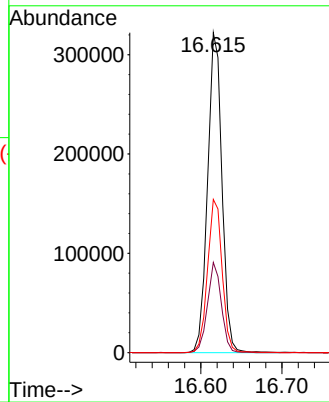
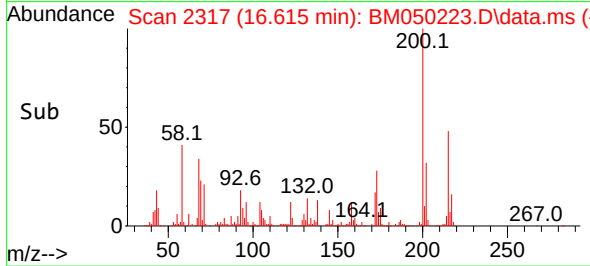
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 396810
Ion Ratio Lower Upper
200 100
173 28.2 6.0 46.0
215 47.9 28.1 68.1

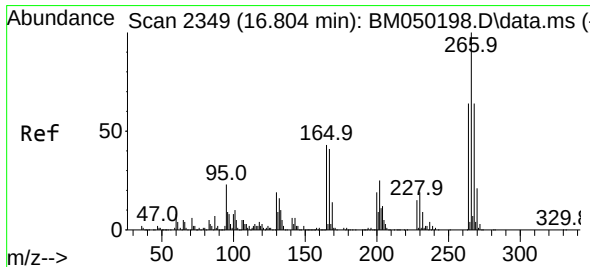
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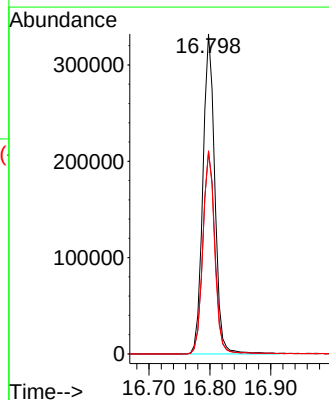
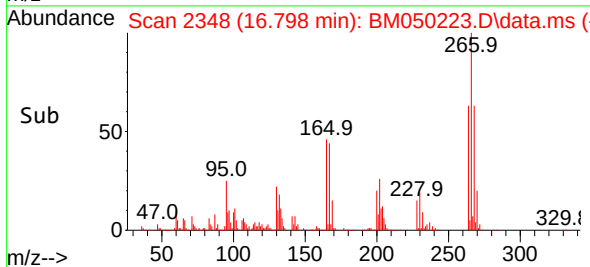
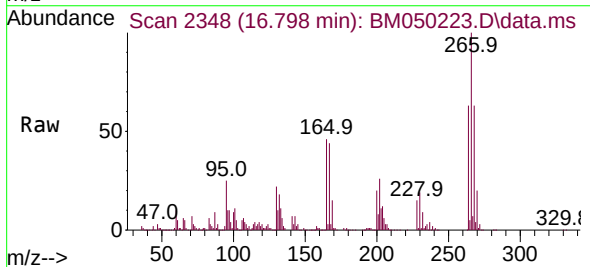
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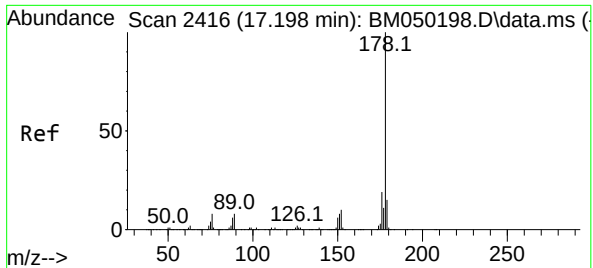
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#70
Pentachlorophenol
Concen: 54.470 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:266 Resp: 450080
Ion Ratio Lower Upper
266 100
268 63.1 51.0 76.6
264 63.5 50.8 76.2





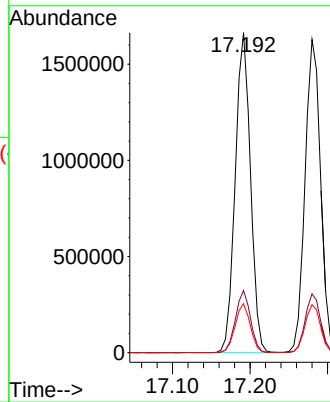
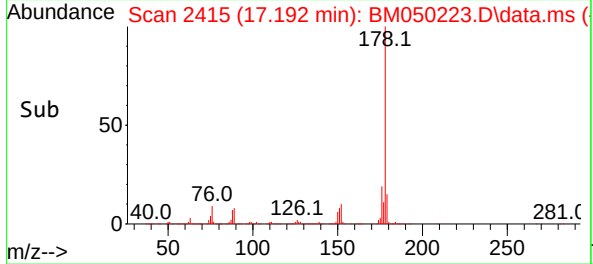
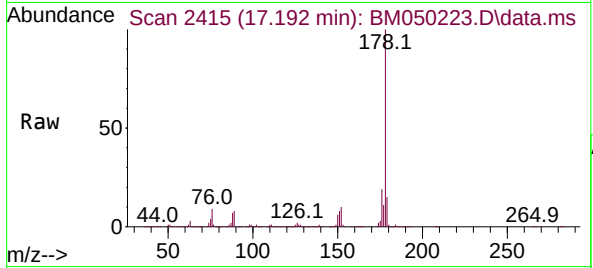
#71
Phenanthrene
Concen: 39.083 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2277503
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.3 12.3 18.5

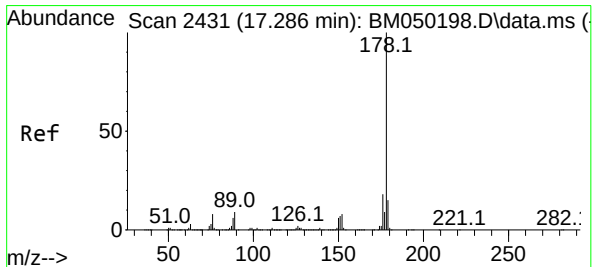
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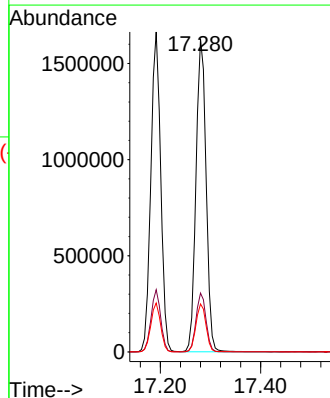
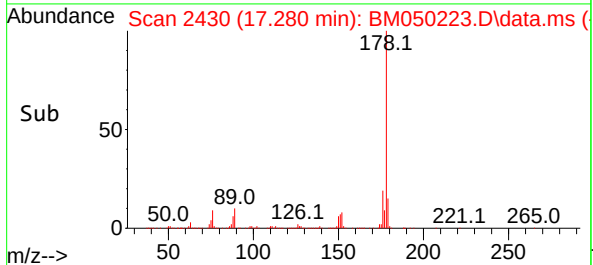
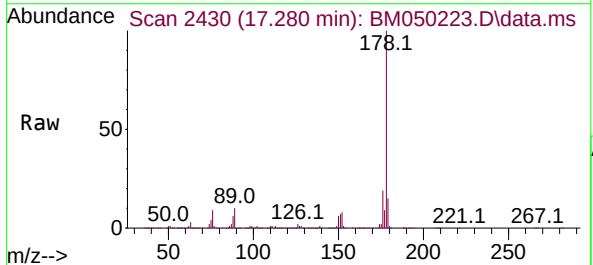
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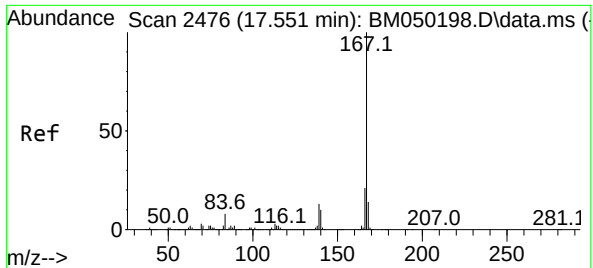
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#72
Anthracene
Concen: 39.142 ng
RT: 17.280 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

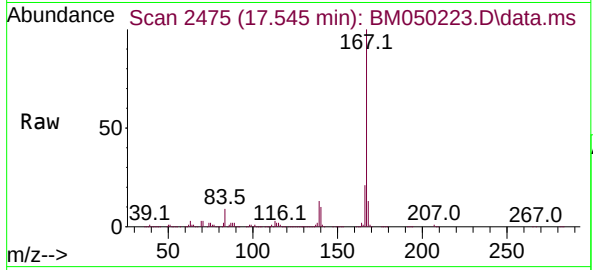
Tgt Ion:178 Resp: 2281838
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.3 18.5





#73
Carbazole
Concen: 39.653 ng
RT: 17.545 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

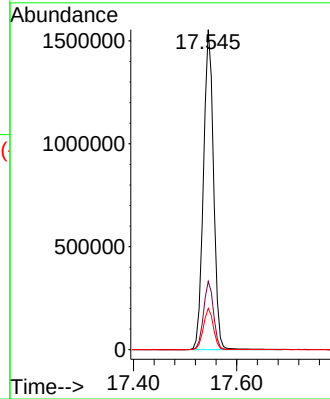
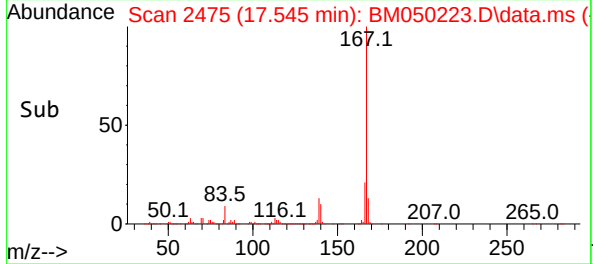
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 2105934
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.9 10.2 15.4

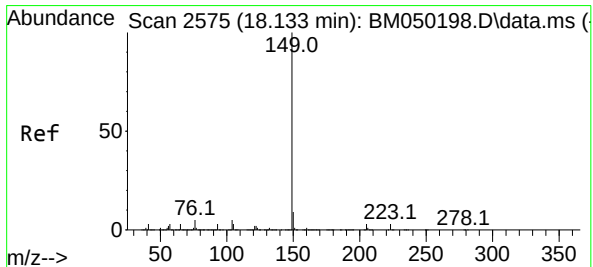
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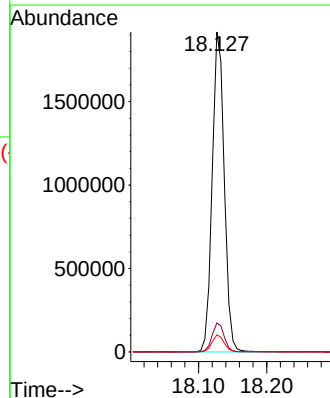
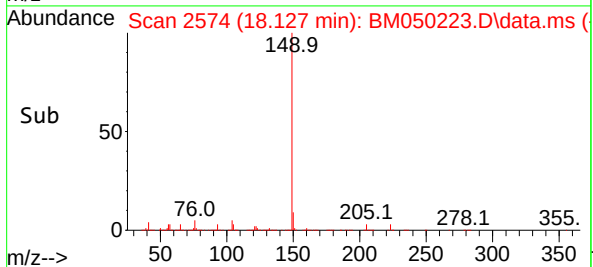
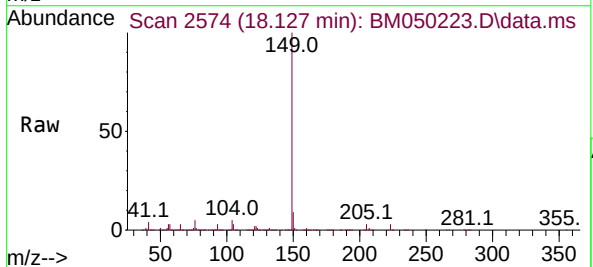
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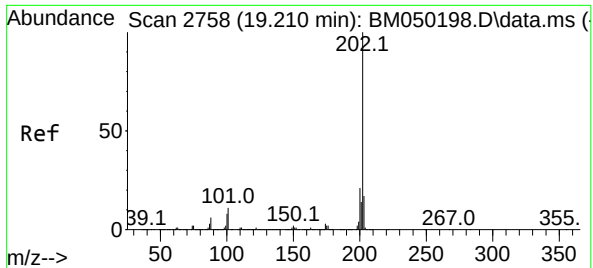
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#74
Di-n-butylphthalate
Concen: 40.728 ng
RT: 18.127 min Scan# 2574
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

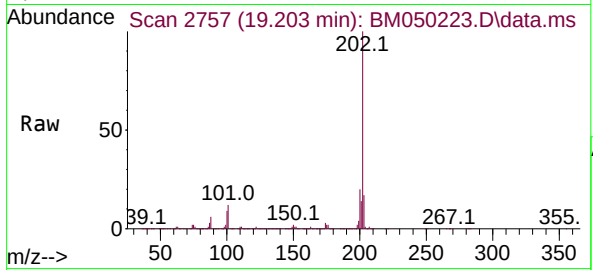
Tgt Ion:149 Resp: 2353514
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 39.418 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

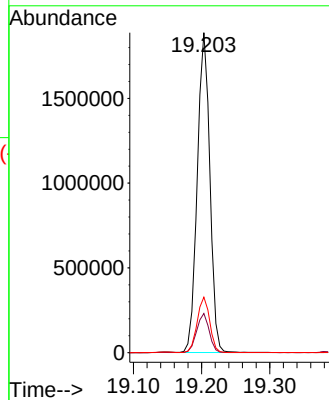
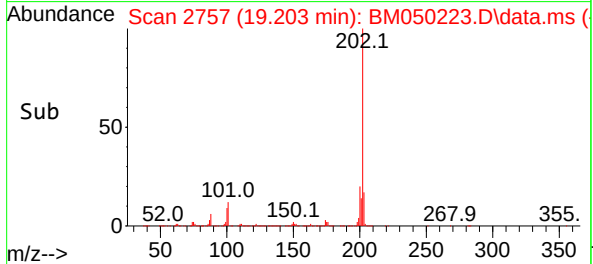
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 2422364
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.1
203 17.4 0.0 37.0

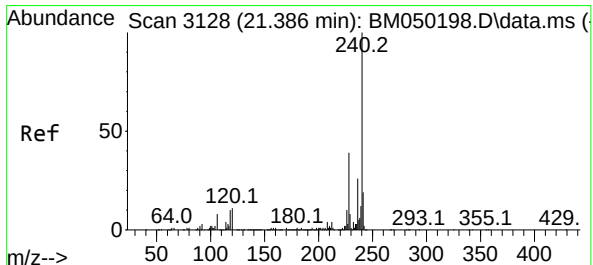
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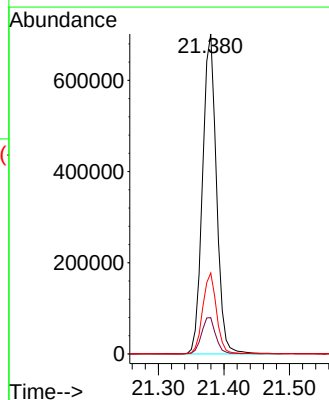
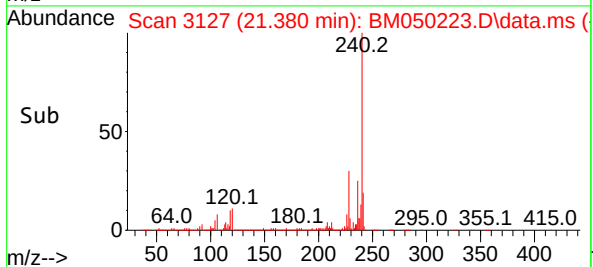
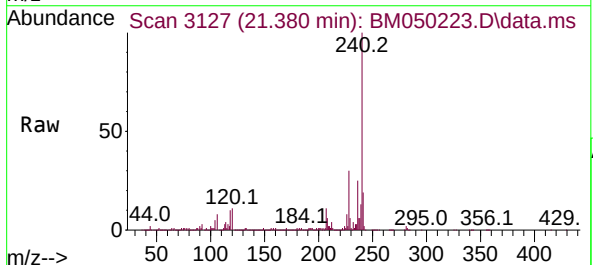
06/09/2025
Supervised By :Jagrut
Upadhyay

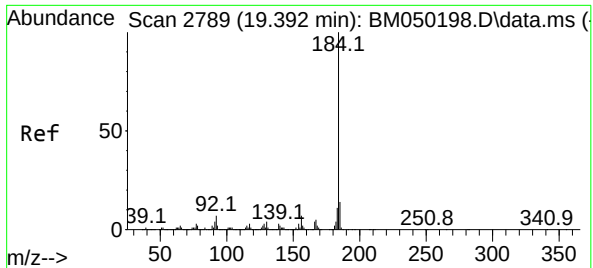
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

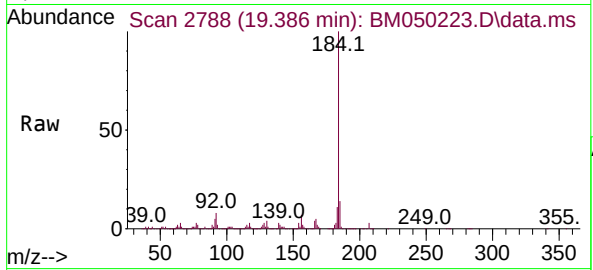
Tgt Ion:240 Resp: 1029161
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.3 20.7 31.1





#77
Benzidine
Concen: 35.698 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

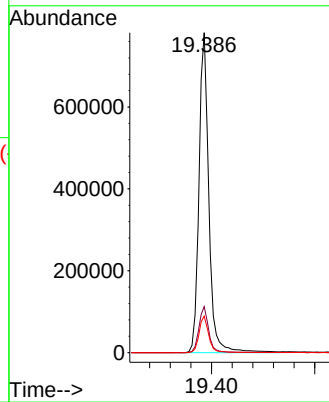
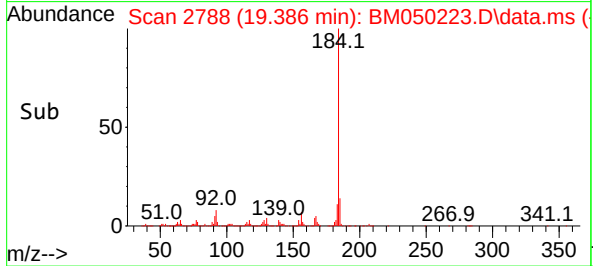
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1033142
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.4 9.0 13.4

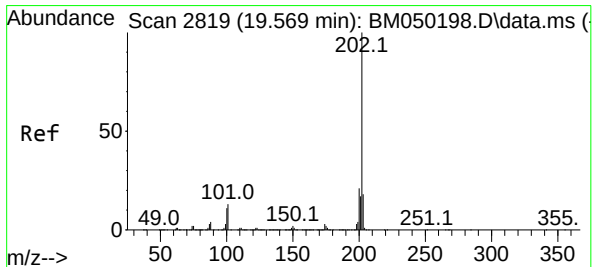
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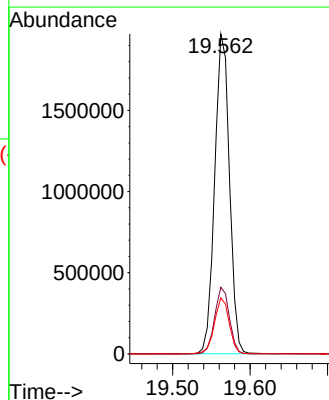
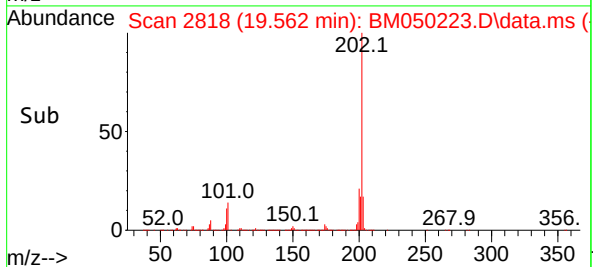
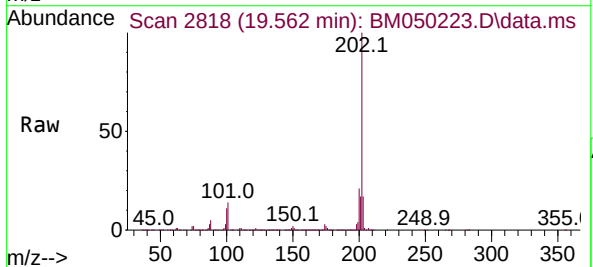
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Supervised By :Jagrut
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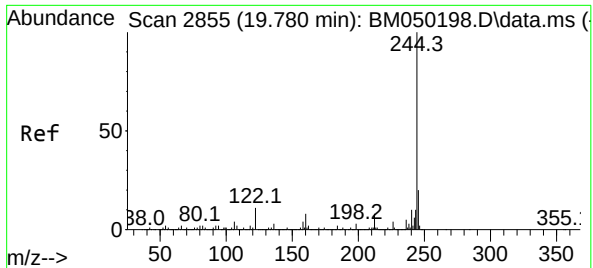
06/09/2025



#78
Pyrene
Concen: 37.639 ng
RT: 19.562 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:202 Resp: 2610878
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.5 14.1 21.1





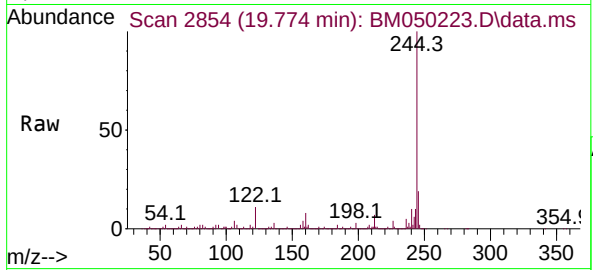
#79
Terphenyl-d14
Concen: 77.270 ng
RT: 19.774 min Scan# 2855
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

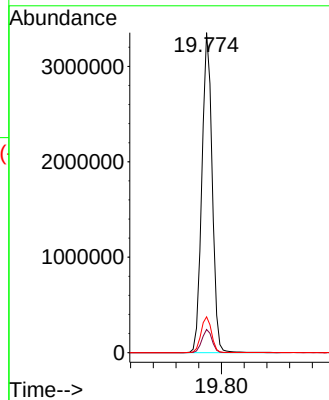
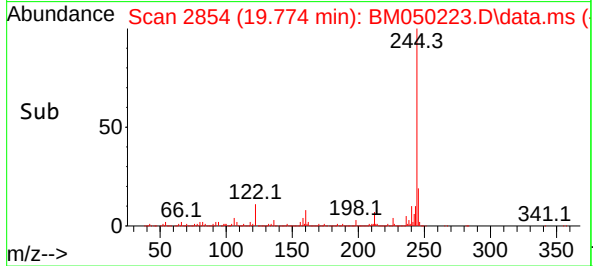
SSTDCCC040



Tgt Ion:244 Resp: 4196425
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.2 8.6 12.8

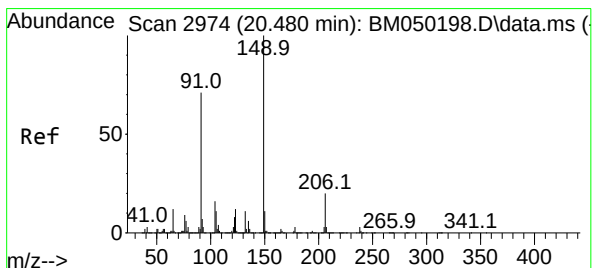
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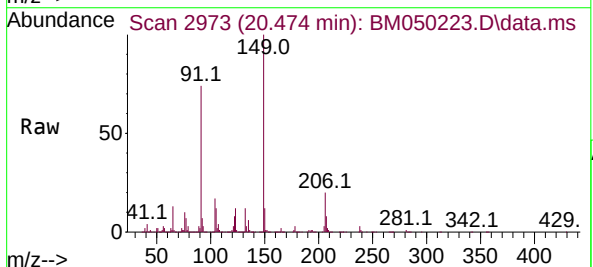


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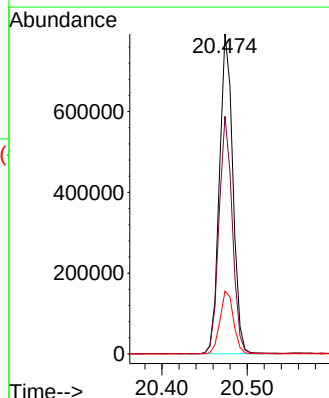
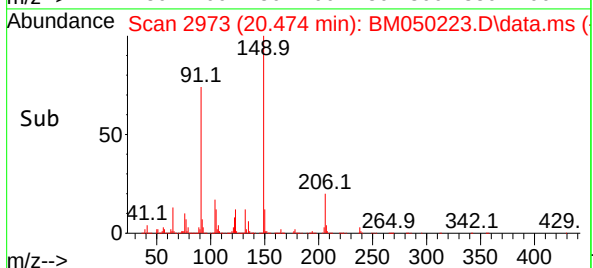
06/09/2025

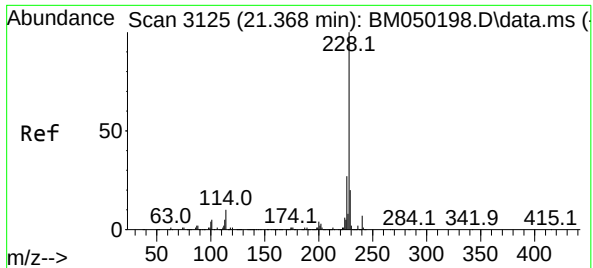


#80
Butylbenzylphthalate
Concen: 37.449 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



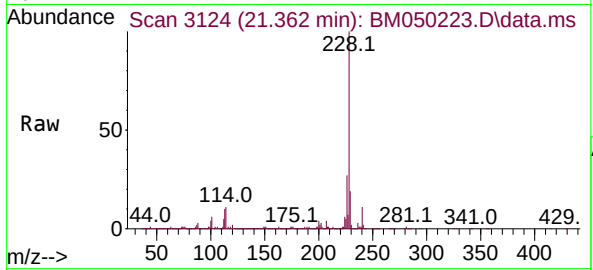
Tgt Ion:149 Resp: 866505
Ion Ratio Lower Upper
149 100
91 74.2 56.9 85.3
206 19.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 38.465 ng
RT: 21.362 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

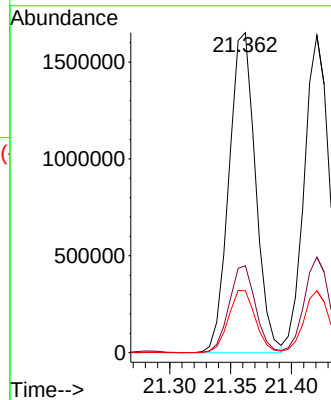
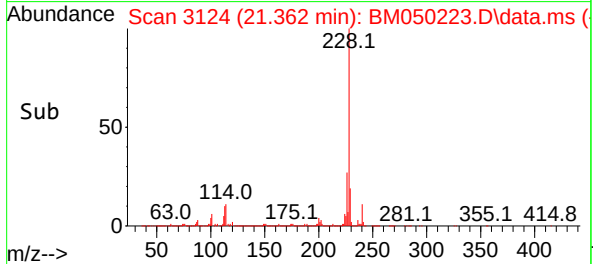
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 250565
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.3 15.7 23.5

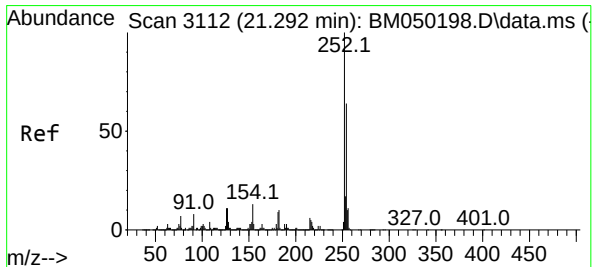
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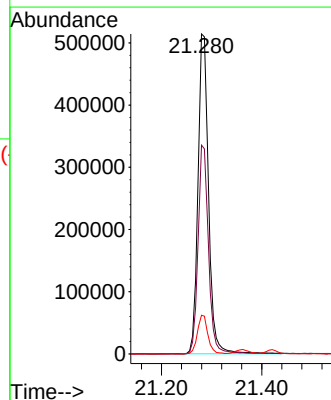
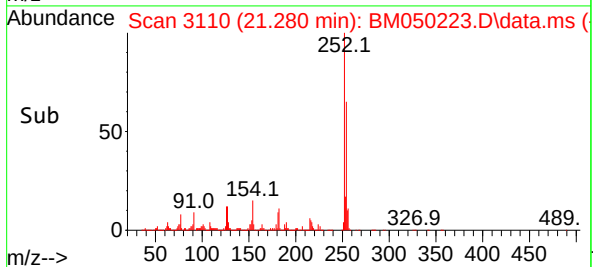
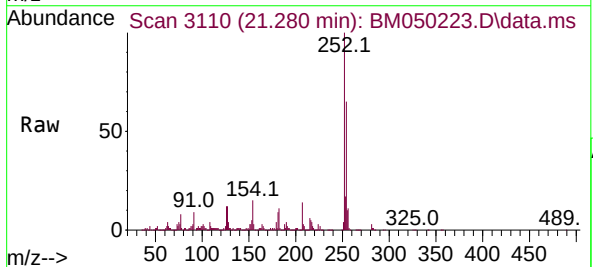
06/09/2025
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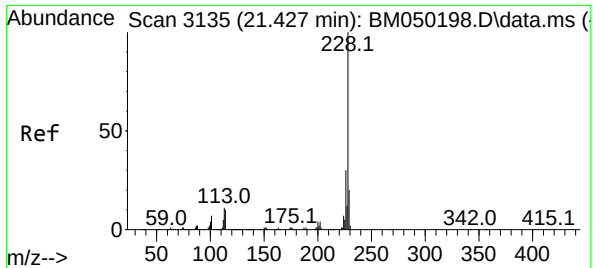
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#82
3,3'-Dichlorobenzidine
Concen: 37.727 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

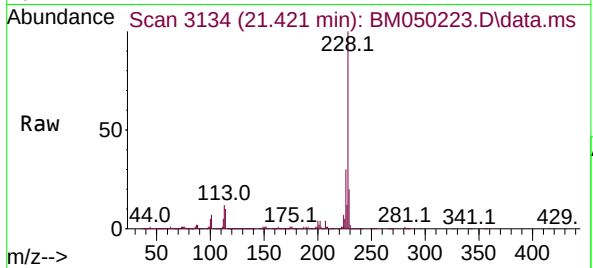
Tgt Ion:252 Resp: 749445
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 12.1 8.6 12.8





#83
Chrysene
Concen: 38.543 ng
RT: 21.421 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

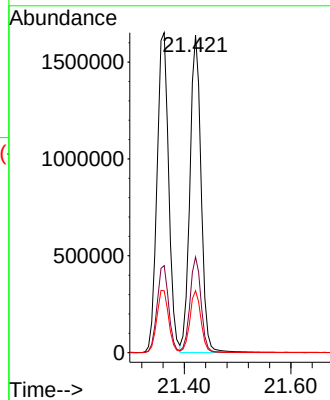
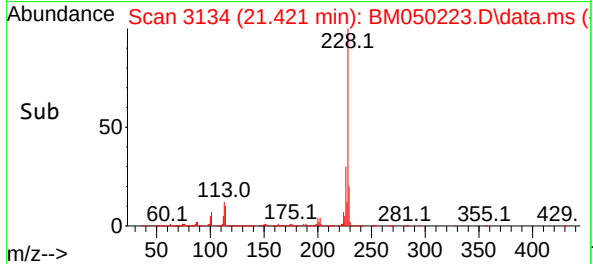
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 2388286
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.5 15.8 23.8

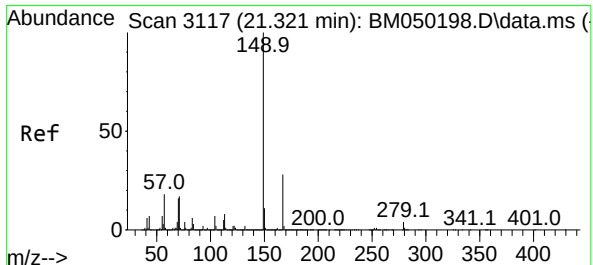
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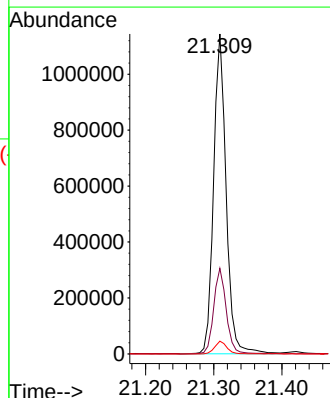
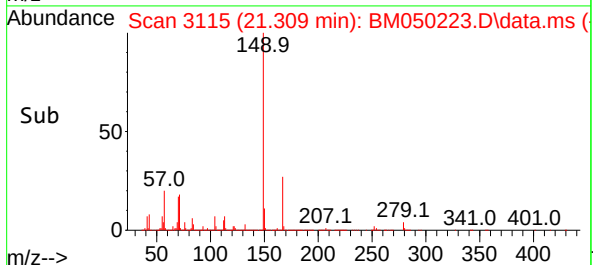
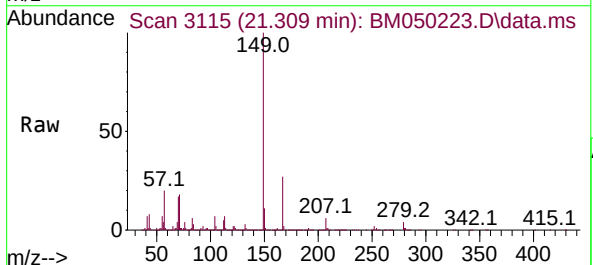
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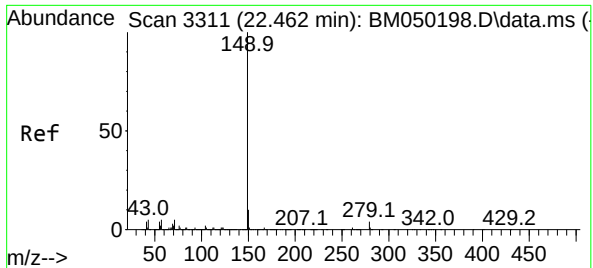
06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.966 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

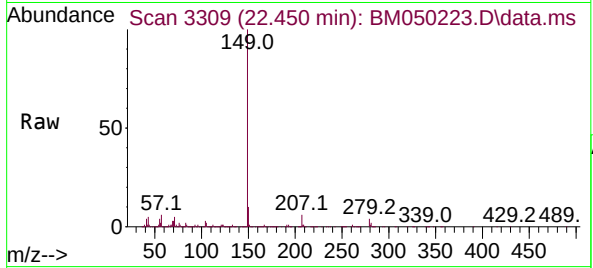
Tgt Ion:149 Resp: 1460030
Ion Ratio Lower Upper
149 100
167 26.7 22.3 33.5
279 4.0 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 38.650 ng
RT: 22.450 min Scan# 3311
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

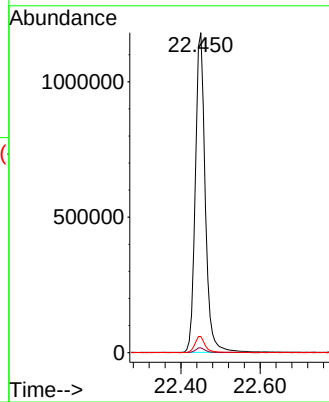
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 2044079
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.3 3.8 5.8

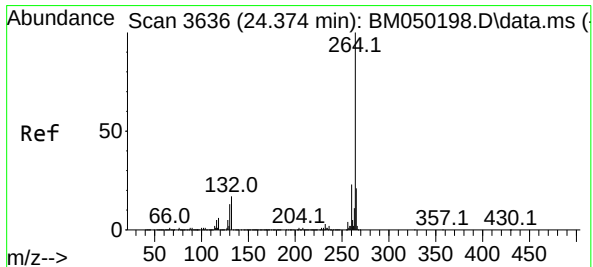
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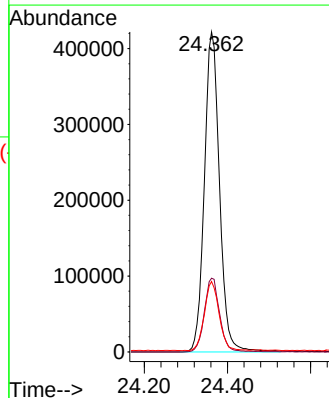
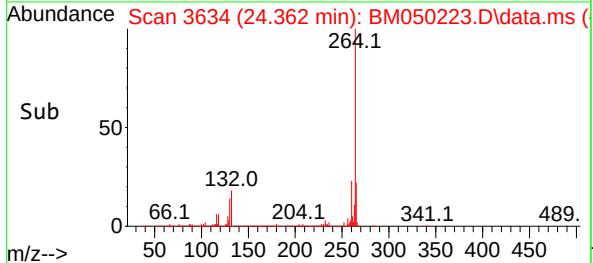
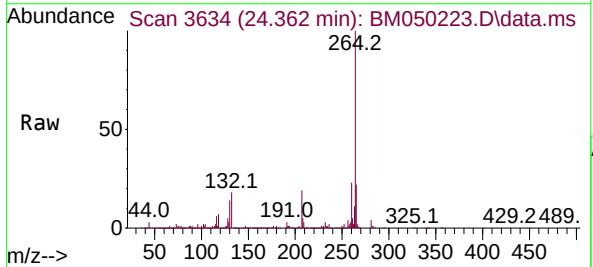
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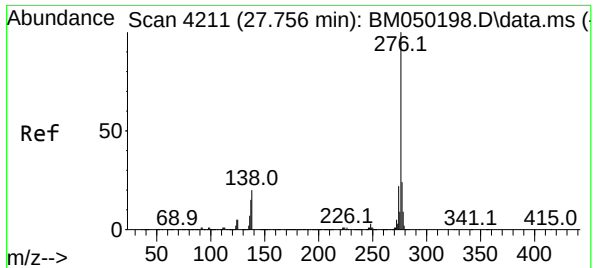
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.362 min Scan# 3634
Delta R.T. -0.012 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

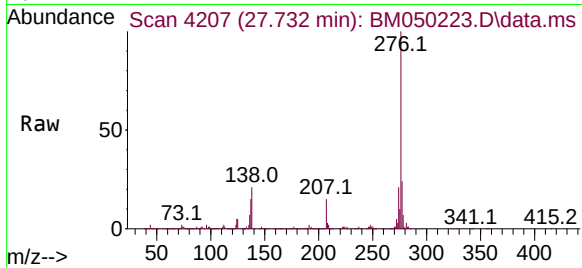
Tgt Ion:264 Resp: 1065458
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 22.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.913 ng
RT: 27.732 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

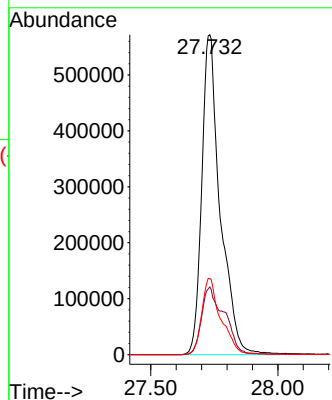
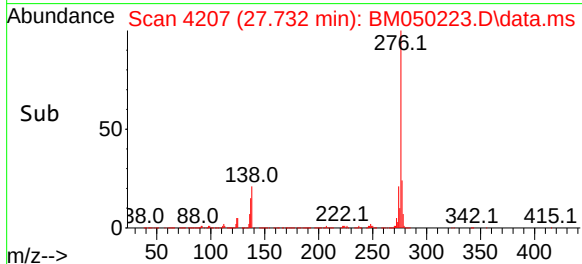
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 2875354
Ion Ratio Lower Upper
276 100
138 26.1 20.6 30.8
277 24.7 19.8 29.6

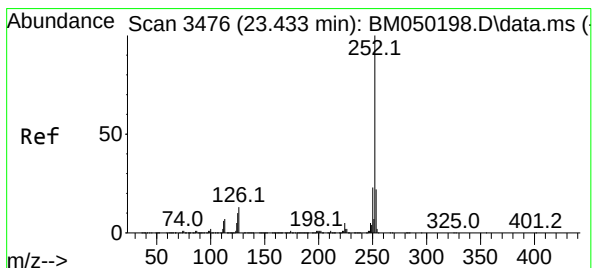
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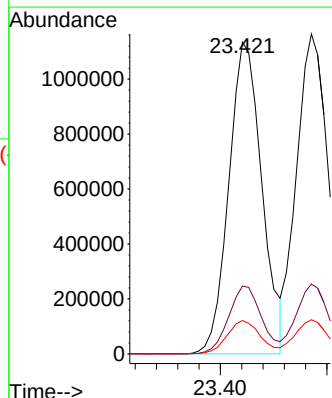
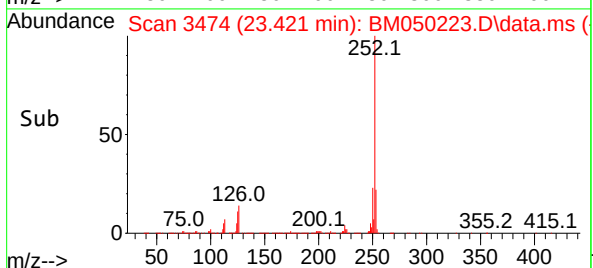
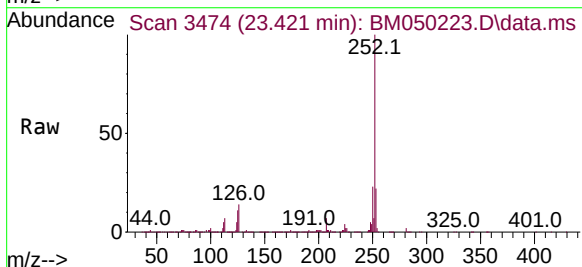
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Upadhyay

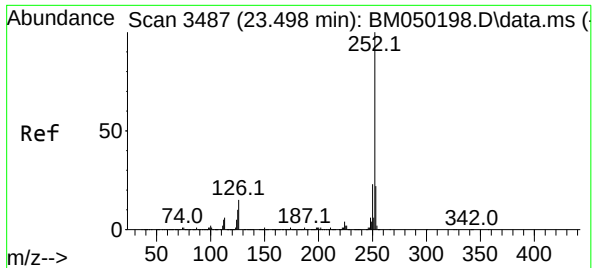
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#88
Benzo(b)fluoranthene
Concen: 39.555 ng
RT: 23.421 min Scan# 3474
Delta R.T. -0.018 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

Tgt Ion:252 Resp: 2450263
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 39.343 ng

RT: 23.485 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 2487954

Ion Ratio Lower Upper

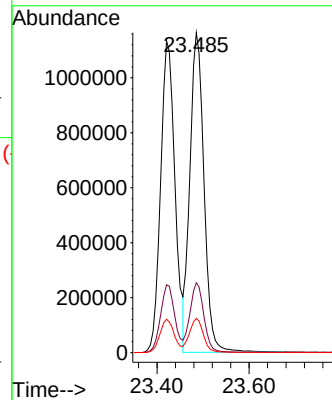
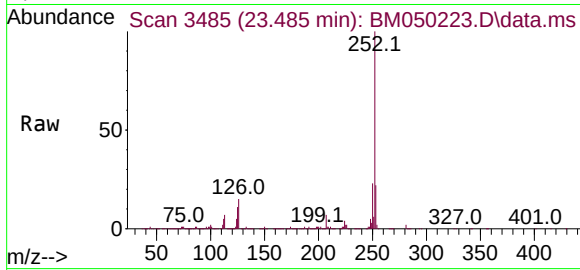
252 100

253 21.8 17.4 26.2

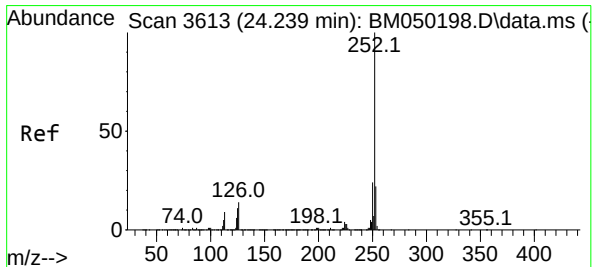
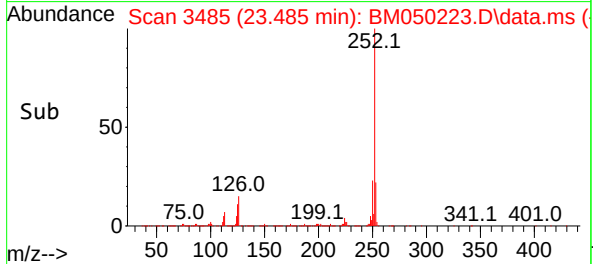
125 10.7 8.2 12.4

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Upadhyay

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#90

Benzo(a)pyrene

Concen: 40.007 ng

RT: 24.227 min Scan# 3611

Delta R.T. -0.012 min

Lab File: BM050223.D

Acq: 06 Jun 2025 21:23

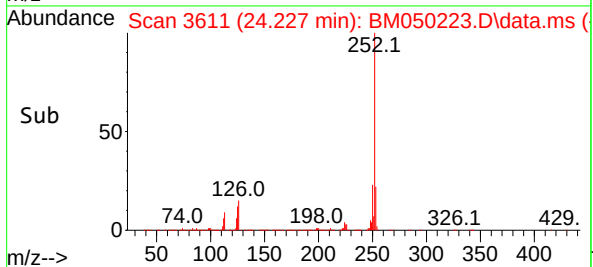
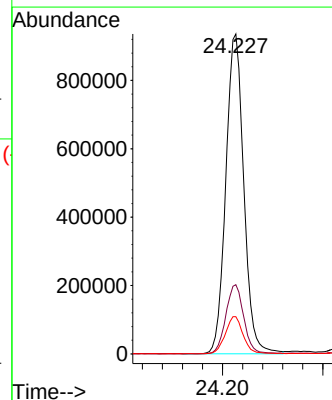
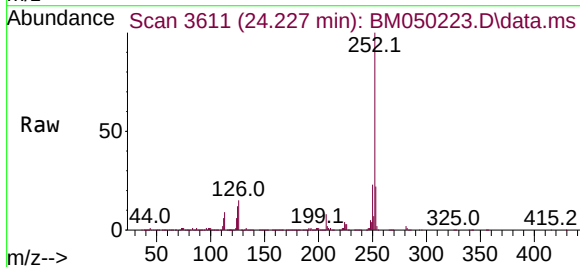
Tgt Ion:252 Resp: 2330101

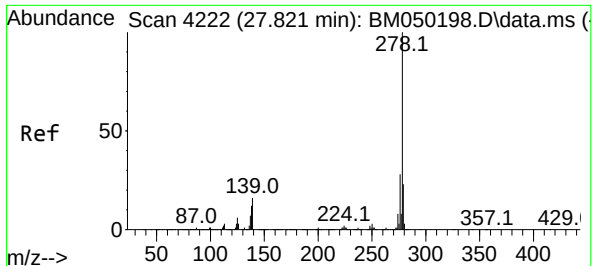
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

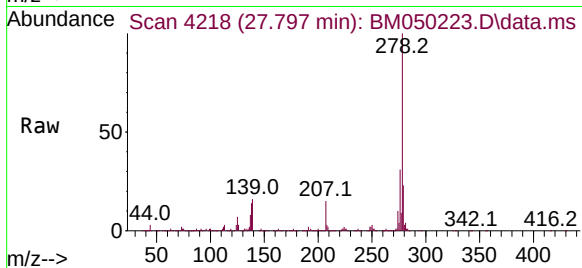
125 11.6 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 41.219 ng
RT: 27.797 min Scan# 4218
Delta R.T. -0.024 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23

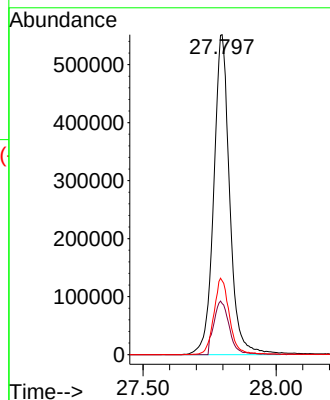
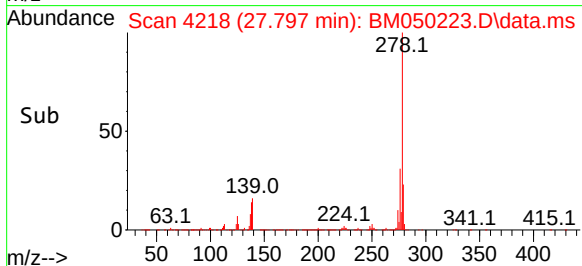
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 2295279
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.1 18.6 28.0

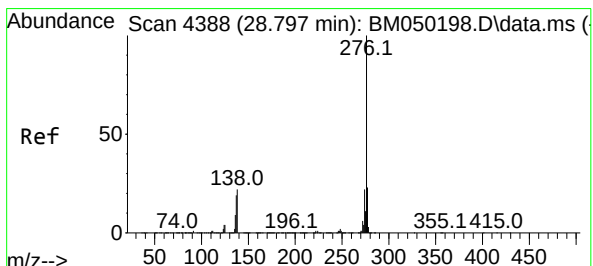
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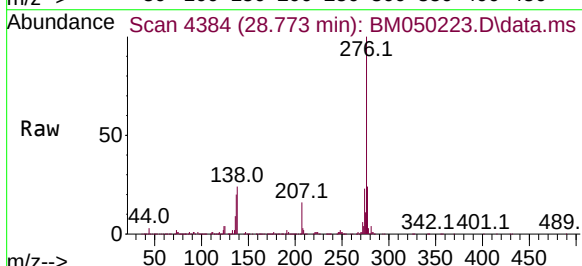


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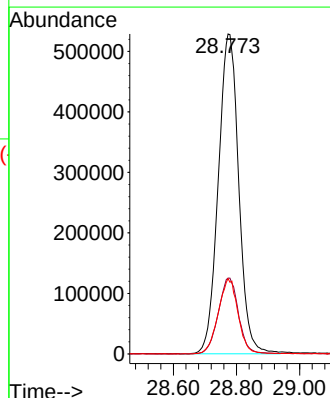
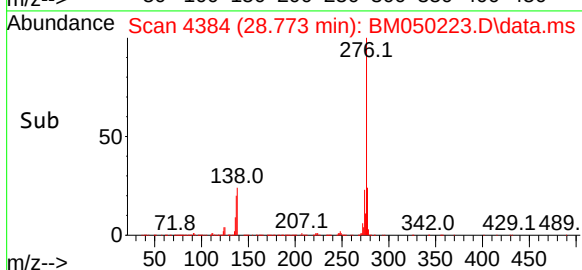
06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 42.573 ng
RT: 28.773 min Scan# 4384
Delta R.T. -0.041 min
Lab File: BM050223.D
Acq: 06 Jun 2025 21:23



Tgt Ion:276 Resp: 2372730
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 23.6 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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	90	0.00
2	1,4-Dioxane	0.526	0.527	-0.2	99	0.00
3	Pyridine	1.361	1.385	-1.8	96	0.00
4	n-Nitrosodimethylamine	0.281	0.287	-2.1	96	0.00
5 S	2-Fluorophenol	1.199	1.211	-1.0	96	0.00
6	Aniline	2.086	1.979	5.1	87	-0.01
7 S	Phenol-d6	1.578	1.509	4.4	87	-0.01
8	2-Chlorophenol	1.319	1.283	2.7	90	0.00
9	Benzaldehyde	1.003	0.855	14.8	88	0.00
10 C	Phenol	1.670	1.616	3.2	89	0.00
11	bis(2-Chloroethyl)ether	1.343	1.317	1.9	91	0.00
12	1,3-Dichlorobenzene	1.474	1.419	3.7	91	0.00
13 C	1,4-Dichlorobenzene	1.534	1.456	5.1	91	0.00
14	1,2-Dichlorobenzene	1.462	1.390	4.9	90	0.00
15	Benzyl Alcohol	1.126	1.030	8.5	82	-0.01
16	2,2'-oxybis(1-Chloropropane	0.933	1.018	-9.1	101	0.00
17	2-Methylphenol	1.102	1.030	6.5	84	0.00
18	Hexachloroethane	0.556	0.553	0.5	94	0.00
19 P	n-Nitroso-di-n-propylamine	0.966	0.908	6.0	82	-0.01
20	3+4-Methylphenols	1.474	1.350	8.4	81	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	82	0.00
22	Acetophenone	0.500	0.482	3.6	83	0.00
23 S	Nitrobenzene-d5	0.385	0.383	0.5	83	-0.01
24	Nitrobenzene	0.350	0.352	-0.6	85	-0.01
25	Isophorone	0.664	0.623	6.2	77	-0.01
26 C	2-Nitrophenol	0.151	0.140	7.3	74	0.00
27	2,4-Dimethylphenol	0.310	0.291	6.1	78	0.00
28	bis(2-Chloroethoxy)methane	0.434	0.416	4.1	80	-0.01
29 C	2,4-Dichlorophenol	0.287	0.269	6.3	77	-0.01
30	1,2,4-Trichlorobenzene	0.319	0.305	4.4	81	0.00
31	Naphthalene	1.034	0.981	5.1	82	0.00
32	Benzoic acid	0.195	0.145	25.6#	58	-0.06
33	4-Chloroaniline	0.441	0.408	7.5	77	-0.01
34 C	Hexachlorobutadiene	0.190	0.178	6.3	80	0.00
35	Caprolactam	0.091	0.077	15.4	64	-0.04
36 C	4-Chloro-3-methylphenol	0.306	0.275	10.1	72	-0.01
37	2-Methylnaphthalene	0.624	0.573	8.2	76	0.00
38	1-Methylnaphthalene	0.662	0.611	7.7	77	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	71	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.585	-1.2	76	0.00
41 P	Hexachlorocyclopentadiene	0.351	0.346	1.4	71	0.00
42 S	2,4,6-Tribromophenol	0.227	0.216	4.8	66	-0.01
43 C	2,4,6-Trichlorophenol	0.380	0.368	3.2	69	0.00
44	2,4,5-Trichlorophenol	0.417	0.402	3.6	68	0.00
45 S	2-Fluorobiphenyl	1.477	1.470	0.5	75	-0.01
46	1,1'-Biphenyl	1.498	1.466	2.1	74	0.00
47	2-Chloronaphthalene	1.164	1.150	1.2	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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	68	0.00
49	Acenaphthylene	1.883	1.828	2.9	71	0.00
50	Dimethylphthalate	1.353	1.283	5.2	67	-0.01
51	2,6-Dinitrotoluene	0.273	0.266	2.6	65	0.00
52 C	Acenaphthene	1.178	1.121	4.8	70	-0.01
53	3-Nitroaniline	0.304	0.293	3.6	64	-0.01
54 P	2,4-Dinitrophenol	0.146	0.100	31.5#	46#	0.00
55	Dibenzofuran	1.723	1.650	4.2	70	0.00
56 P	4-Nitrophenol	0.259	0.243	6.2	62	-0.01
57	2,4-Dinitrotoluene	0.360	0.337	6.4	60	-0.01
58	Fluorene	1.320	1.279	3.1	71	0.00
59	2,3,4,6-Tetrachlorophenol	0.361	0.338	6.4	65	0.00
60	Diethylphthalate	1.342	1.287	4.1	67	-0.01
61	4-Chlorophenyl-phenylether	0.638	0.604	5.3	70	0.00
62	4-Nitroaniline	0.285	0.270	5.3	62	-0.02
63	Azobenzene	1.341	1.334	0.5	72	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	64	0.00
65	4,6-Dinitro-2-methylphenol	0.109	0.092	15.6	53	0.00
66 c	n-Nitrosodiphenylamine	0.628	0.622	1.0	67	0.00
67	4-Bromophenyl-phenylether	0.213	0.206	3.3	65	0.00
68	Hexachlorobenzene	0.249	0.244	2.0	66	0.00
69	Atrazine	0.200	0.195	2.5	61	-0.01
70 C	Pentachlorophenol	0.162	0.221	-36.4#	86	0.00
71	Phenanthrene	1.143	1.116	2.4	67	0.00
72	Anthracene	1.143	1.118	2.2	66	0.00
73	Carbazole	1.041	1.032	0.9	66	0.00
74	Di-n-butylphthalate	1.133	1.154	-1.9	64	0.00
75 C	Fluoranthene	1.205	1.187	1.5	65	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	69	0.00
77	Benzydine	0.562	0.502	10.7	56	0.00
78	Pyrene	1.348	1.268	5.9	66	0.00
79 S	Terphenyl-d14	1.055	1.019	3.4	70	-0.01
80	Butylbenzylphthalate	0.450	0.421	6.4	60	0.00
81	Benzo(a)anthracene	1.266	1.217	3.9	69	0.00
82	3,3'-Dichlorobenzidine	0.386	0.364	5.7	61	-0.01
83	Chrysene	1.204	1.160	3.7	70	-0.01
84	Bis(2-ethylhexyl)phthalate	0.693	0.709	-2.3	66	-0.01
85 c	Di-n-octyl phthalate	1.028	0.993	3.4	62	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	76	-0.01
87	Indeno(1,2,3-cd)pyrene	1.288	1.349	-4.7	86	-0.03
88	Benzo(b)fluoranthene	1.163	1.150	1.1	74	-0.02
89	Benzo(k)fluoranthene	1.187	1.168	1.6	76	-0.02
90 C	Benzo(a)pyrene	1.093	1.093	0.0	76	-0.01
91	Dibenzo(a,h)anthracene	1.045	1.077	-3.1	84	-0.02
92	Benzo(g,h,i)perylene	1.046	1.113	-6.4	88	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050223.D
Acq On : 06 Jun 2025 21:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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 = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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	90	0.00
2	1,4-Dioxane	40.000	40.075	-0.2	99	0.00
3	Pyridine	40.000	40.706	-1.8	96	0.00
4	n-Nitrosodimethylamine	40.000	40.783	-2.0	96	0.00
5 S	2-Fluorophenol	80.000	80.824	-1.0	96	0.00
6	Aniline	40.000	37.937	5.2	87	-0.01
7 S	Phenol-d6	80.000	76.511	4.4	87	-0.01
8	2-Chlorophenol	40.000	38.929	2.7	90	0.00
9	Benzaldehyde	40.000	34.066	14.8	88	0.00
10 C	Phenol	40.000	38.701	3.2	89	0.00
11	bis(2-Chloroethyl)ether	40.000	39.223	1.9	91	0.00
12	1,3-Dichlorobenzene	40.000	38.507	3.7	91	0.00
13 C	1,4-Dichlorobenzene	40.000	37.956	5.1	91	0.00
14	1,2-Dichlorobenzene	40.000	38.032	4.9	90	0.00
15	Benzyl Alcohol	40.000	36.610	8.5	82	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	43.660	-9.1	101	0.00
17	2-Methylphenol	40.000	37.389	6.5	84	0.00
18	Hexachloroethane	40.000	39.784	0.5	94	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.587	6.0	82	-0.01
20	3+4-Methylphenols	40.000	36.639	8.4	81	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	82	0.00
22	Acetophenone	40.000	38.593	3.5	83	0.00
23 S	Nitrobenzene-d5	80.000	79.618	0.5	83	-0.01
24	Nitrobenzene	40.000	40.220	-0.5	85	-0.01
25	Isophorone	40.000	37.515	6.2	77	-0.01
26 C	2-Nitrophenol	40.000	37.096	7.3	74	0.00
27	2,4-Dimethylphenol	40.000	37.501	6.2	78	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.359	4.1	80	-0.01
29 C	2,4-Dichlorophenol	40.000	37.529	6.2	77	-0.01
30	1,2,4-Trichlorobenzene	40.000	38.131	4.7	81	0.00
31	Naphthalene	40.000	37.940	5.2	82	0.00
32	Benzoic acid	40.000	29.702	25.7#	58	-0.06
33	4-Chloroaniline	40.000	36.977	7.6	77	-0.01
34 C	Hexachlorobutadiene	40.000	37.408	6.5	80	0.00
35	Caprolactam	40.000	33.806	15.5	64	-0.04
36 C	4-Chloro-3-methylphenol	40.000	35.975	10.1	72	-0.01
37	2-Methylnaphthalene	40.000	36.724	8.2	76	0.00
38	1-Methylnaphthalene	40.000	36.928	7.7	77	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	71	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.525	-1.3	76	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.429	1.4	71	0.00
42 S	2,4,6-Tribromophenol	80.000	75.890	5.1	66	-0.01
43 C	2,4,6-Trichlorophenol	40.000	38.762	3.1	69	0.00
44	2,4,5-Trichlorophenol	40.000	38.519	3.7	68	0.00
45 S	2-Fluorobiphenyl	80.000	79.588	0.5	75	-0.01
46	1,1'-Biphenyl	40.000	39.167	2.1	74	0.00
47	2-Chloronaphthalene	40.000	39.493	1.3	75	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050223.D
 Acq On : 06 Jun 2025 21:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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	40.350	-0.9	68	0.00
49	Acenaphthylene	40.000	38.819	3.0	71	0.00
50	Dimethylphthalate	40.000	37.931	5.2	67	-0.01
51	2,6-Dinitrotoluene	40.000	39.033	2.4	65	0.00
52 C	Acenaphthene	40.000	38.066	4.8	70	-0.01
53	3-Nitroaniline	40.000	38.510	3.7	64	-0.01
54 P	2,4-Dinitrophenol	40.000	26.201	34.5#	46	0.00
55	Dibenzofuran	40.000	38.304	4.2	70	0.00
56 P	4-Nitrophenol	40.000	37.564	6.1	62	-0.01
57	2,4-Dinitrotoluene	40.000	37.416	6.5	60	-0.01
58	Fluorene	40.000	38.758	3.1	71	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.512	6.2	65	0.00
60	Diethylphthalate	40.000	38.367	4.1	67	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.846	5.4	70	0.00
62	4-Nitroaniline	40.000	37.897	5.3	62	-0.02
63	Azobenzene	40.000	39.793	0.5	72	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	64	0.00
65	4,6-Dinitro-2-methylphenol	40.000	33.760	15.6	53	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.604	1.0	67	0.00
67	4-Bromophenyl-phenylether	40.000	38.649	3.4	65	0.00
68	Hexachlorobenzene	40.000	39.187	2.0	66	0.00
69	Atrazine	40.000	38.856	2.9	61	-0.01
70 C	Pentachlorophenol	40.000	54.470	-36.2#	86	0.00
71	Phenanthrene	40.000	39.083	2.3	67	0.00
72	Anthracene	40.000	39.142	2.1	66	0.00
73	Carbazole	40.000	39.653	0.9	66	0.00
74	Di-n-butylphthalate	40.000	40.728	-1.8	64	0.00
75 C	Fluoranthene	40.000	39.418	1.5	65	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	69	0.00
77	Benzidine	40.000	35.698	10.8	56	0.00
78	Pyrene	40.000	37.639	5.9	66	0.00
79 S	Terphenyl-d14	80.000	77.270	3.4	70	-0.01
80	Butylbenzylphthalate	40.000	37.449	6.4	60	0.00
81	Benzo(a)anthracene	40.000	38.465	3.8	69	0.00
82	3,3'-Dichlorobenzidine	40.000	37.727	5.7	61	-0.01
83	Chrysene	40.000	38.543	3.6	70	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.966	-2.4	66	-0.01
85 c	Di-n-octyl phthalate	40.000	38.650	3.4	62	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	76	-0.01
87	Indeno(1,2,3-cd)pyrene	40.000	41.913	-4.8	86	-0.03
88	Benzo(b)fluoranthene	40.000	39.555	1.1	74	-0.02
89	Benzo(k)fluoranthene	40.000	39.343	1.6	76	-0.02
90 C	Benzo(a)pyrene	40.000	40.007	-0.0	76	-0.01
91	Dibenzo(a,h)anthracene	40.000	41.219	-3.0	84	-0.02
92	Benzo(g,h,i)perylene	40.000	42.573	-6.4	88	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050223.D
Acq On : 06 Jun 2025 21:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 07 01:35:54 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

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 = 1



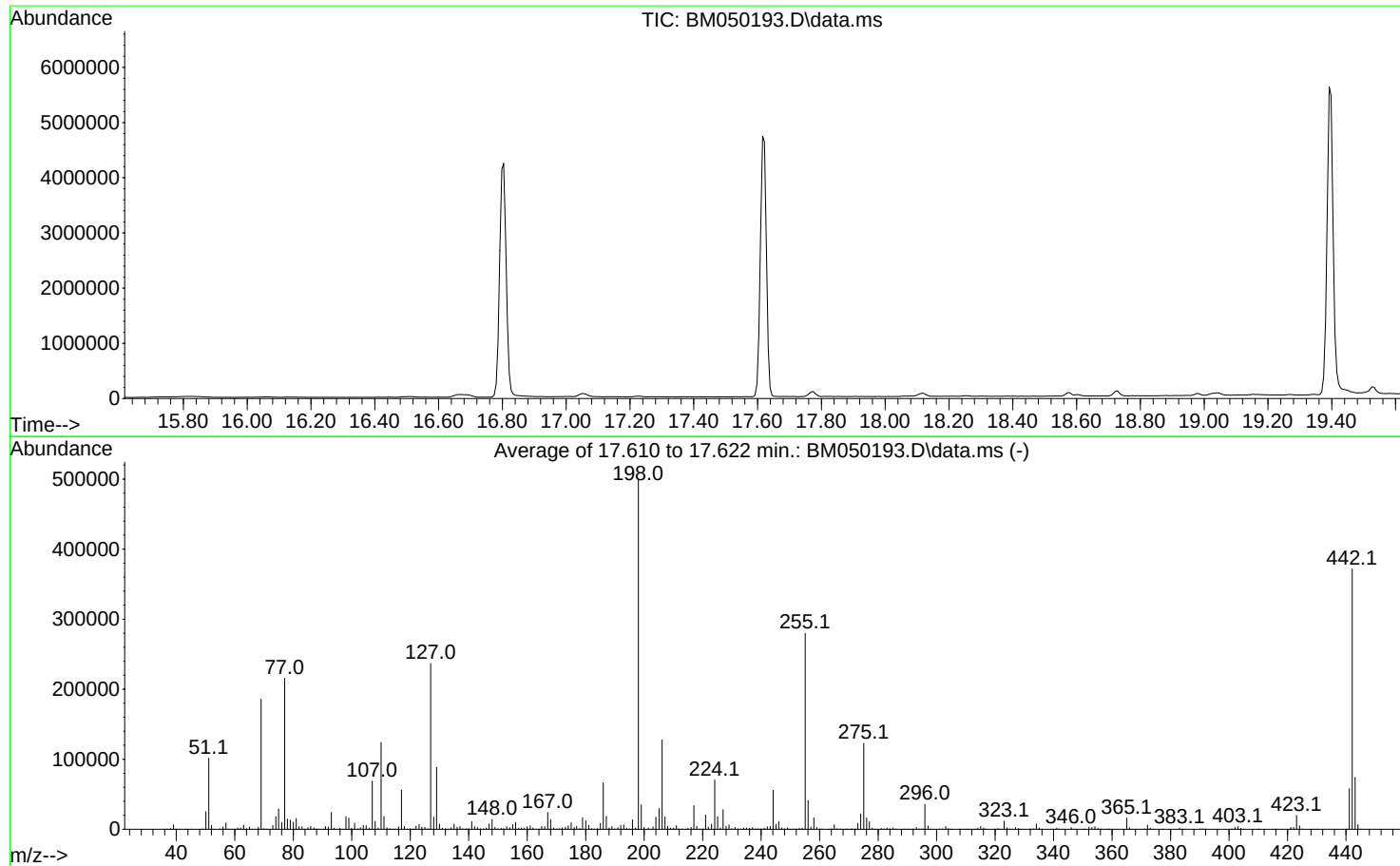
QC SAMPLE DATA

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



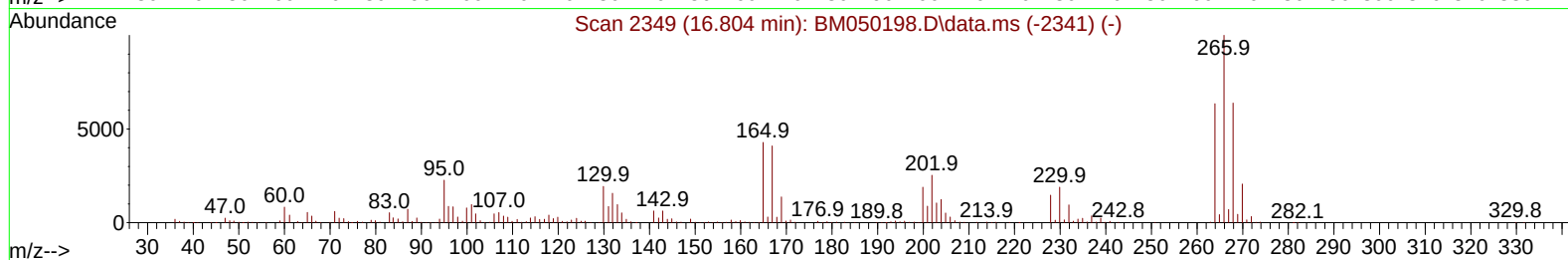
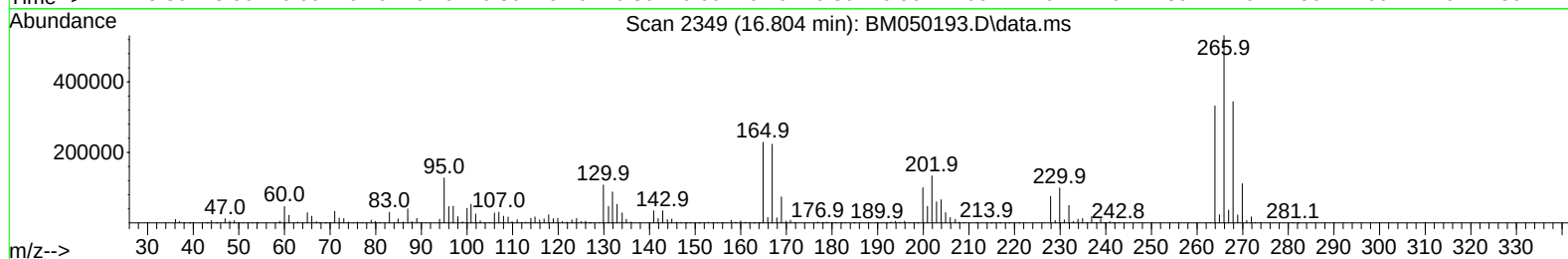
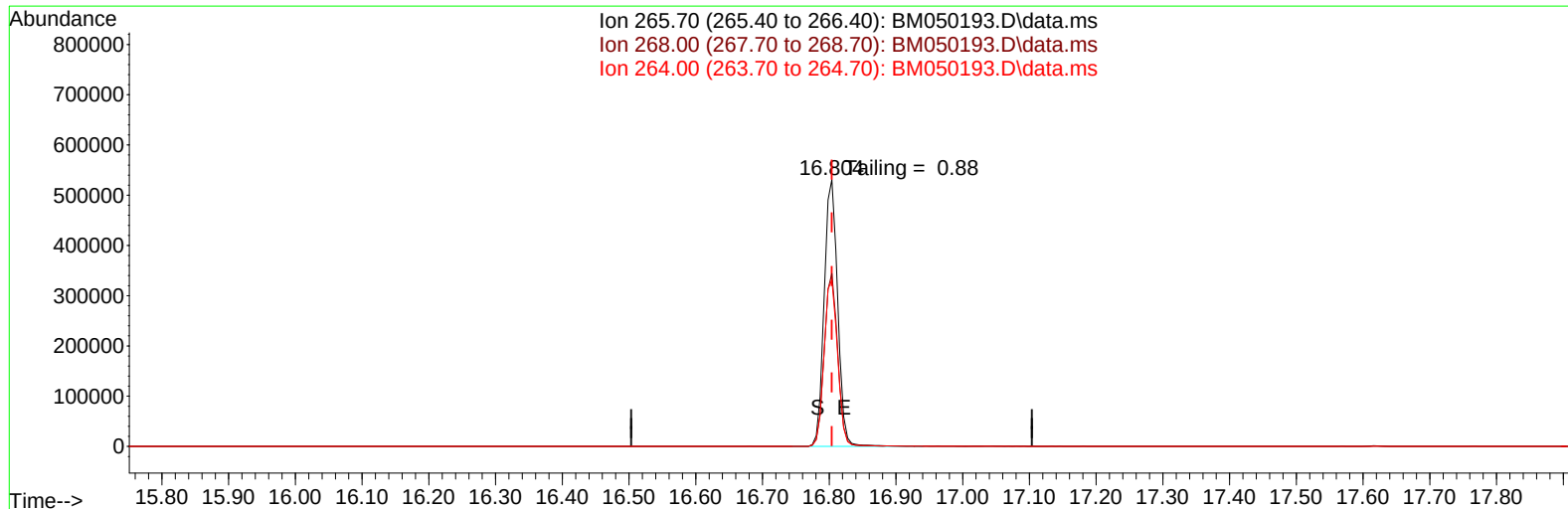
AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2479

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

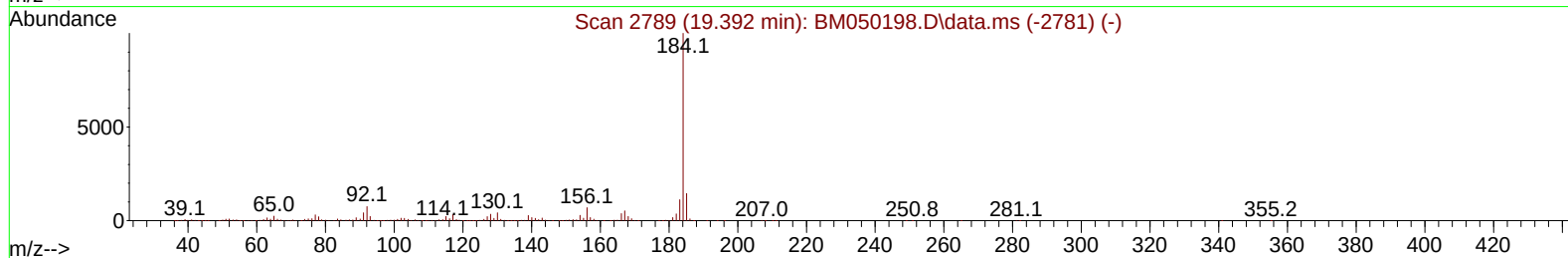
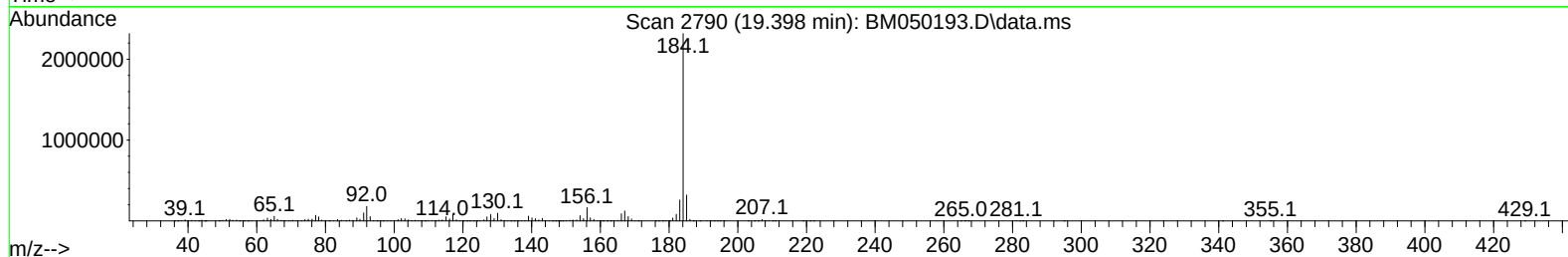
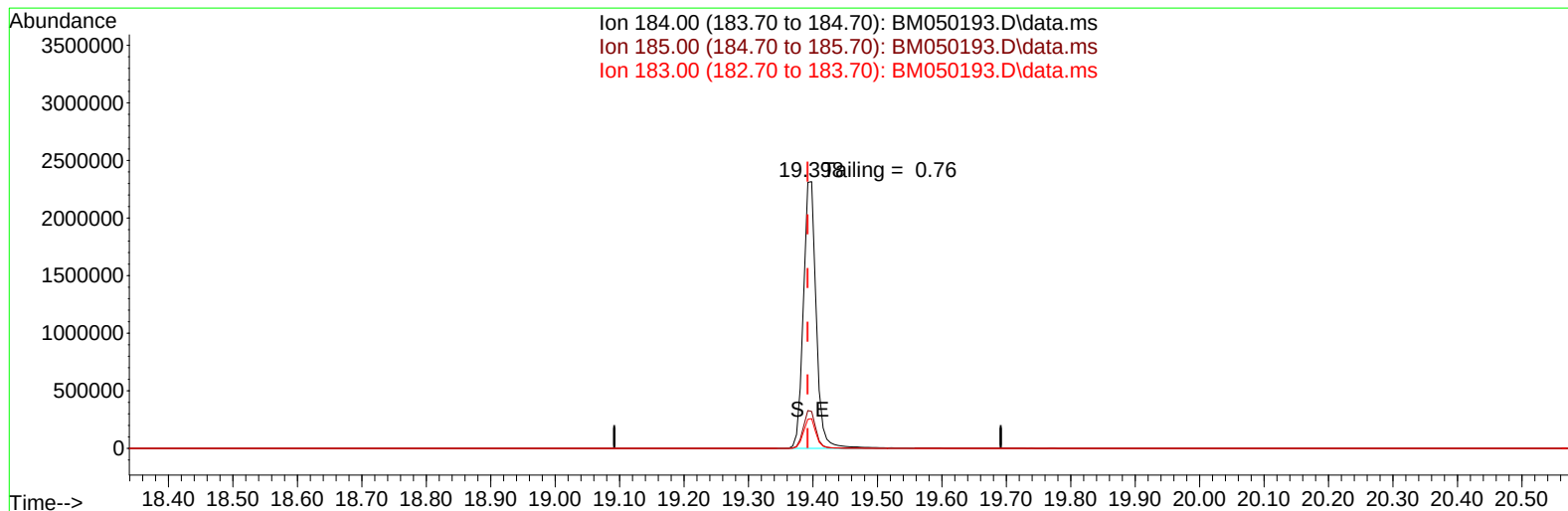
response 747502

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

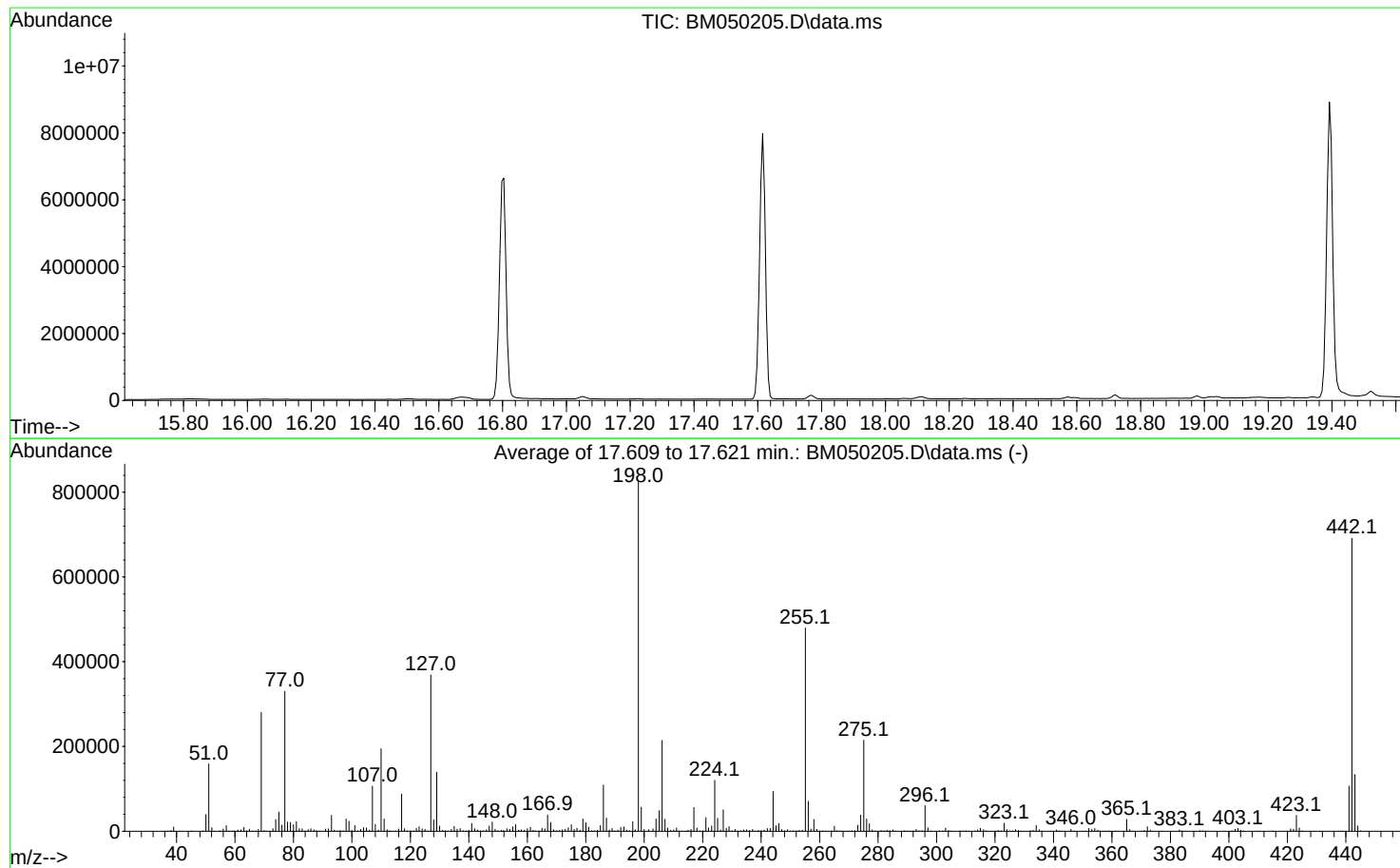
Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050205.D
Acq On : 06 Jun 2025 08:50
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



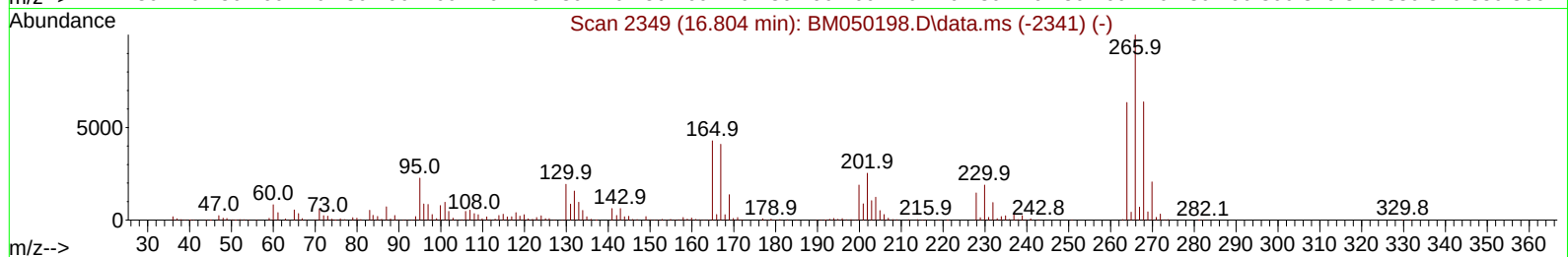
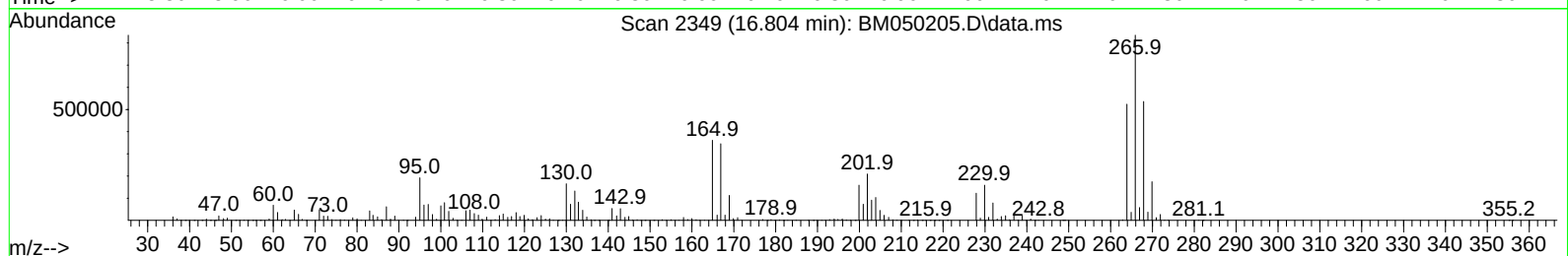
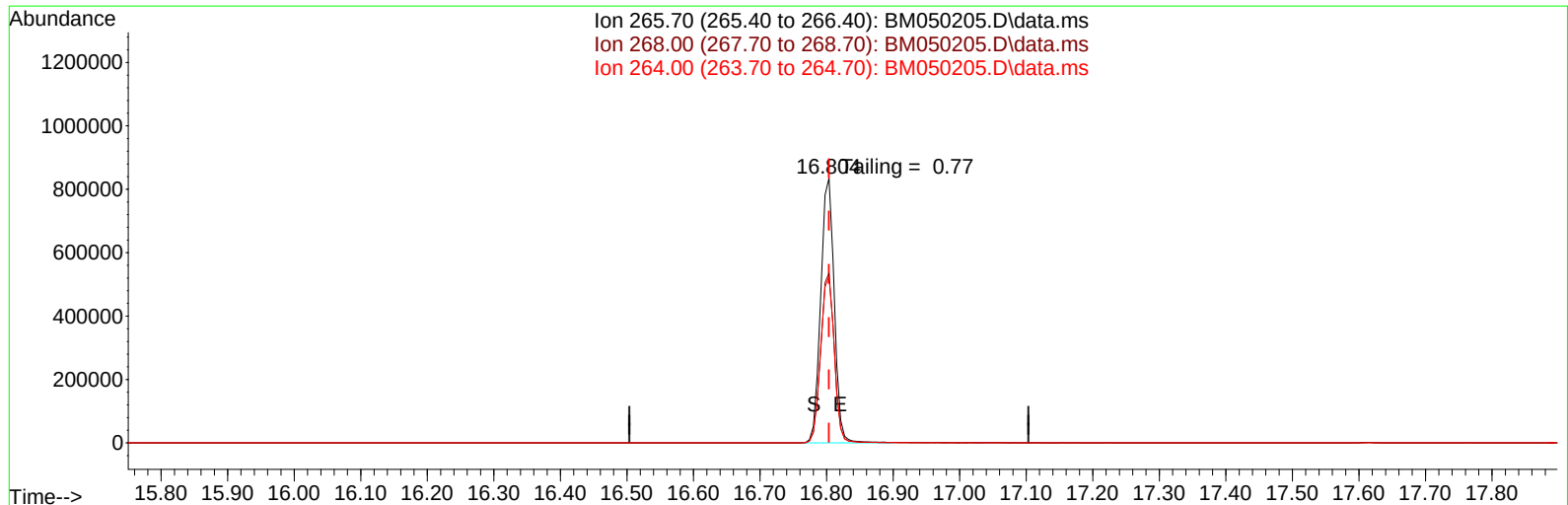
AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2478

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	19.3	158878	PASS
68	69	0.00	2	1.5	4204	PASS
69	198	0.00	100	34.0	280427	PASS
70	69	0.00	2	0.6	1554	PASS
127	198	10	80	44.7	369024	PASS
197	198	0.00	2	0.4	3387	PASS
198	198	100	100	100.0	825301	PASS
199	198	5	9	6.8	56509	PASS
275	198	10	60	26.0	214848	PASS
365	198	1	100	3.4	27976	PASS
441	198	0.01	100	12.9	106333	PASS
442	442	50	100	100.0	691392	PASS
443	442	15	24	19.4	133885	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050205.D
Acq On : 06 Jun 2025 08:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 06 10:51:55 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: BM050205.D\data.ms

(70) Pentachlorophenol (C)

16.804min (-0.000) 651895.98 ng

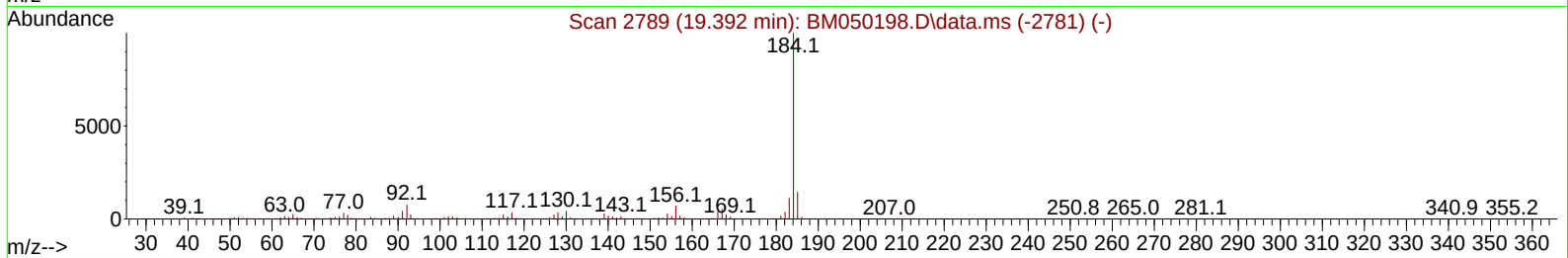
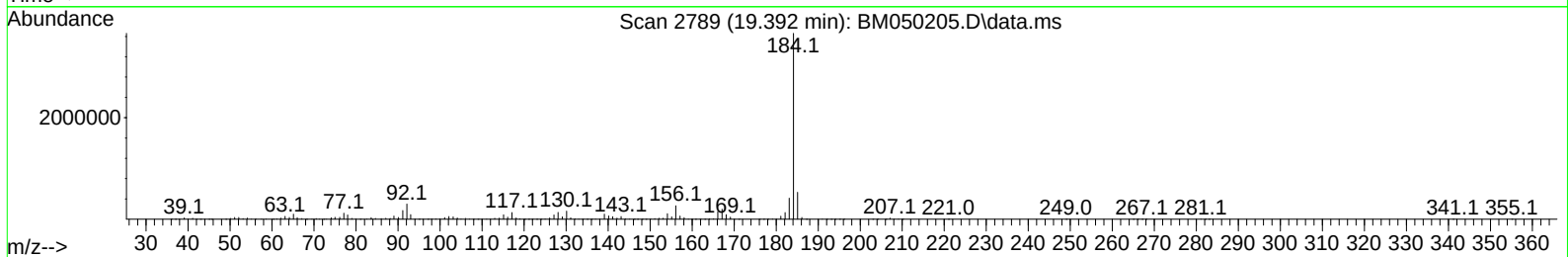
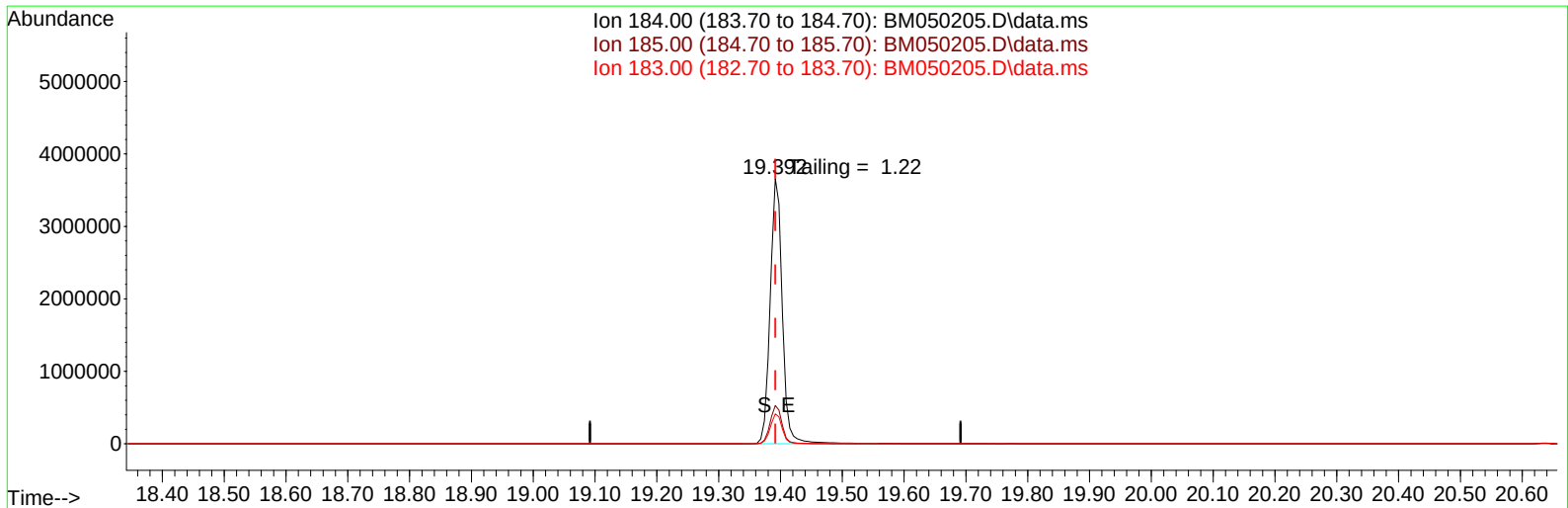
response 1182854

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.16
264.00	63.50	62.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050205.D
Acq On : 06 Jun 2025 08:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 06 10:51:55 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: BM050205.D\data.ms

(77) Benzidine

19.392min (-0.000) 12050.92 ng

response 5030019

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.46
183.00	11.20	11.31
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/6/2025	BNA_M	<u>BM050205.D</u>
Compound Name	Response	Retention Time
DDT	2500193	20.639
DDD	30877	20.25
DDE	2038	19.686
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
32915	2533108	1.30

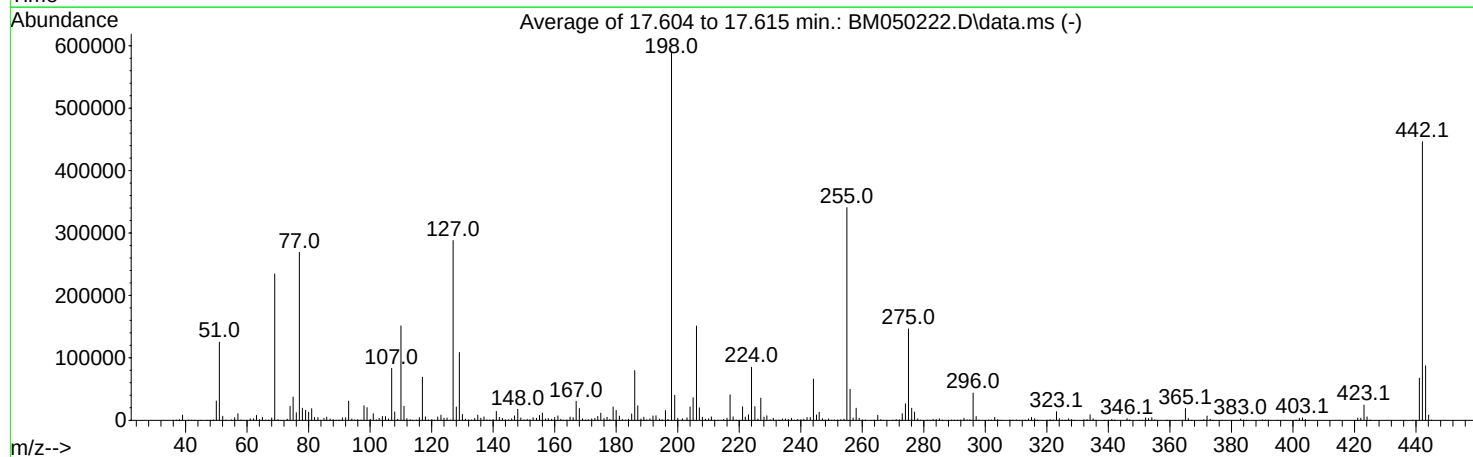
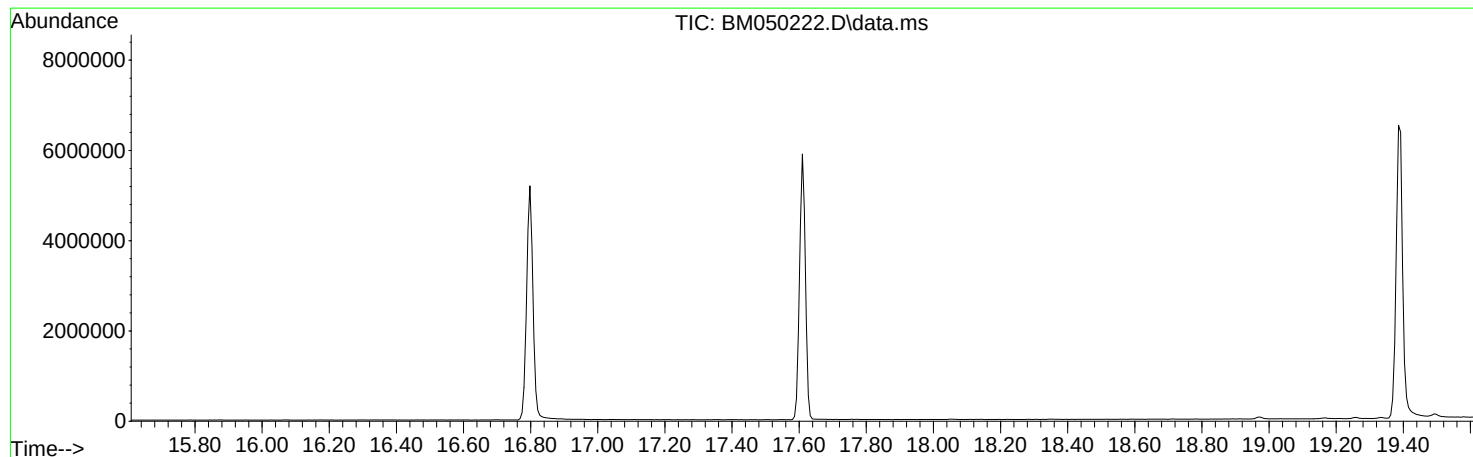
Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050222.D
Acq On : 06 Jun 2025 20:43
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



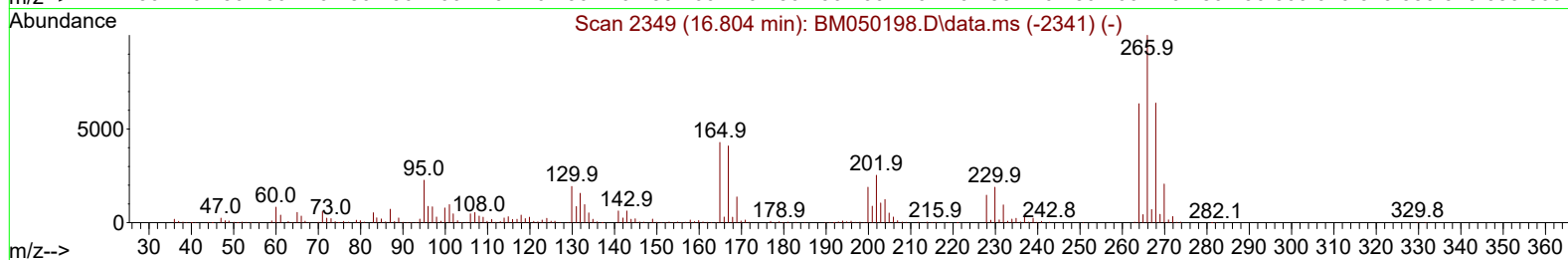
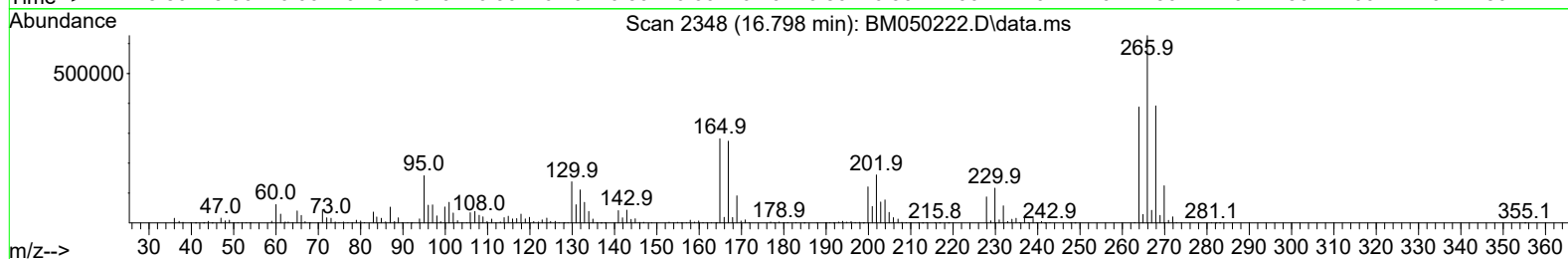
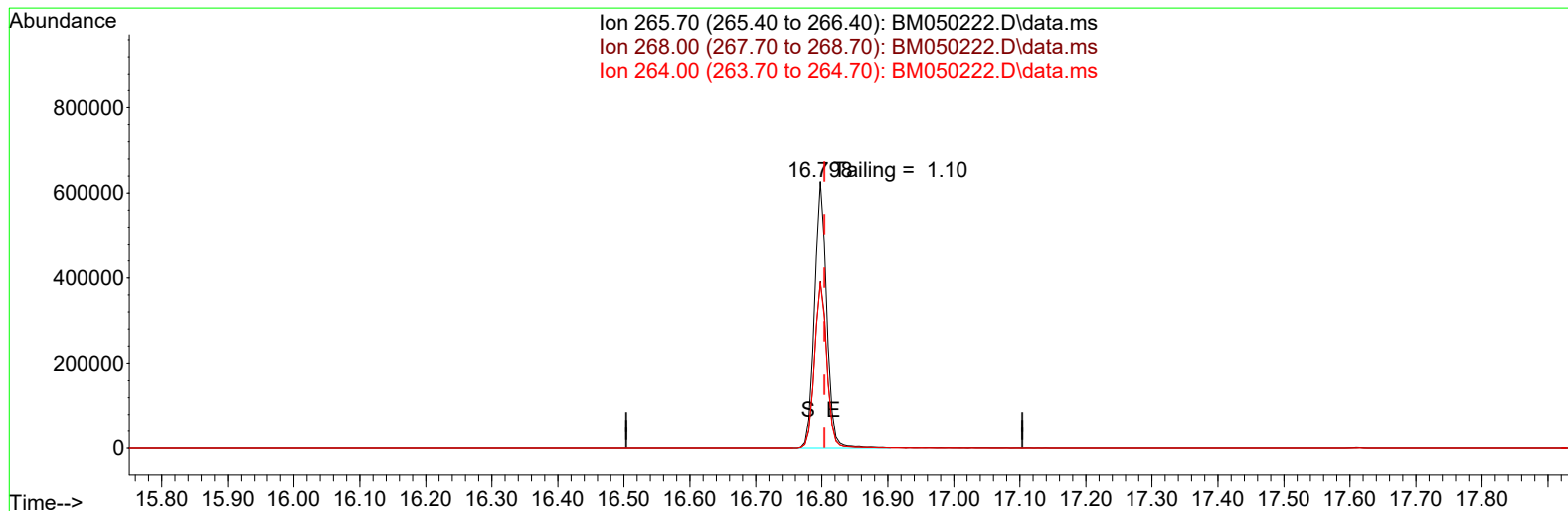
AutoFind: Scans 2485, 2486, 2487; Background Corrected with Scan 2478

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	21.3	125338	PASS
68	69	0.00	2	1.5	3622	PASS
69	198	0.00	100	39.8	234283	PASS
70	69	0.00	2	0.5	1197	PASS
127	198	10	80	48.9	288000	PASS
197	198	0.00	2	0.2	1321	PASS
198	198	100	100	100.0	589269	PASS
199	198	5	9	6.8	40152	PASS
275	198	10	60	24.9	146557	PASS
365	198	1	100	3.2	18967	PASS
441	198	0.01	100	11.5	67659	PASS
442	442	50	100	100.0	446229	PASS
443	442	15	24	19.5	87179	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050222.D
Acq On : 06 Jun 2025 20:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 07 01:24:27 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 16:20:25 2025
Response via : Initial Calibration



TIC: BM050222.D\data.ms

(70) Pentachlorophenol (C)

16.798min (-0.006) 257431.30 ng

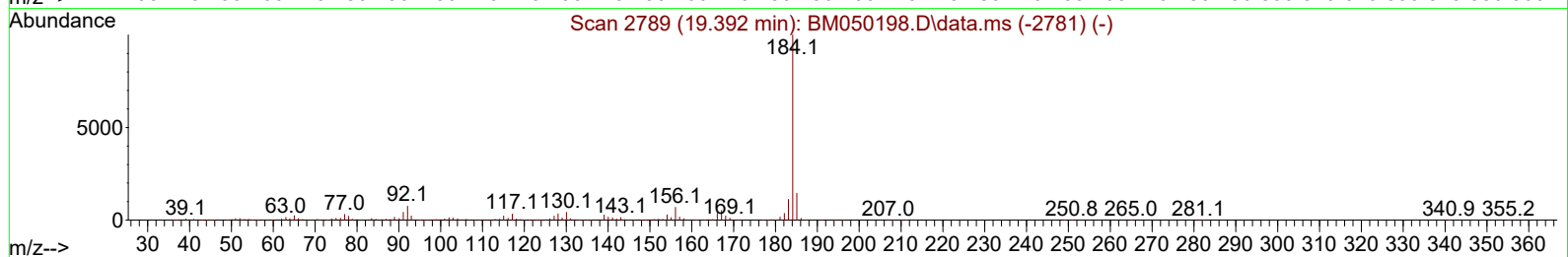
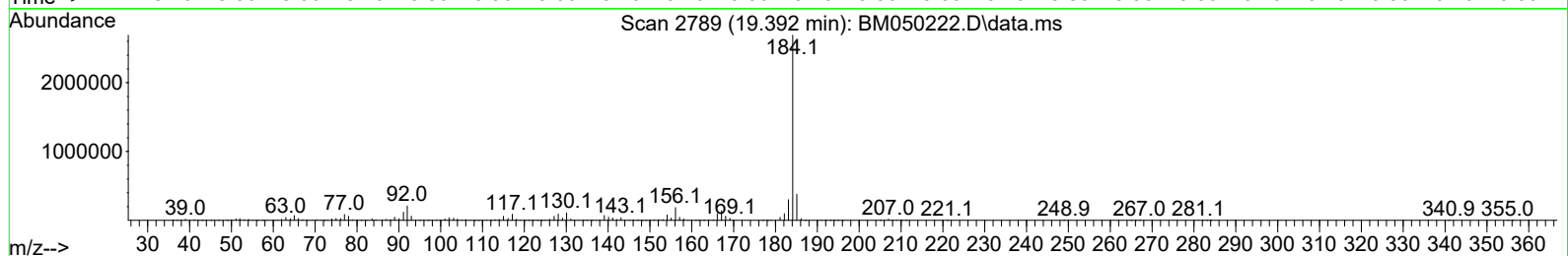
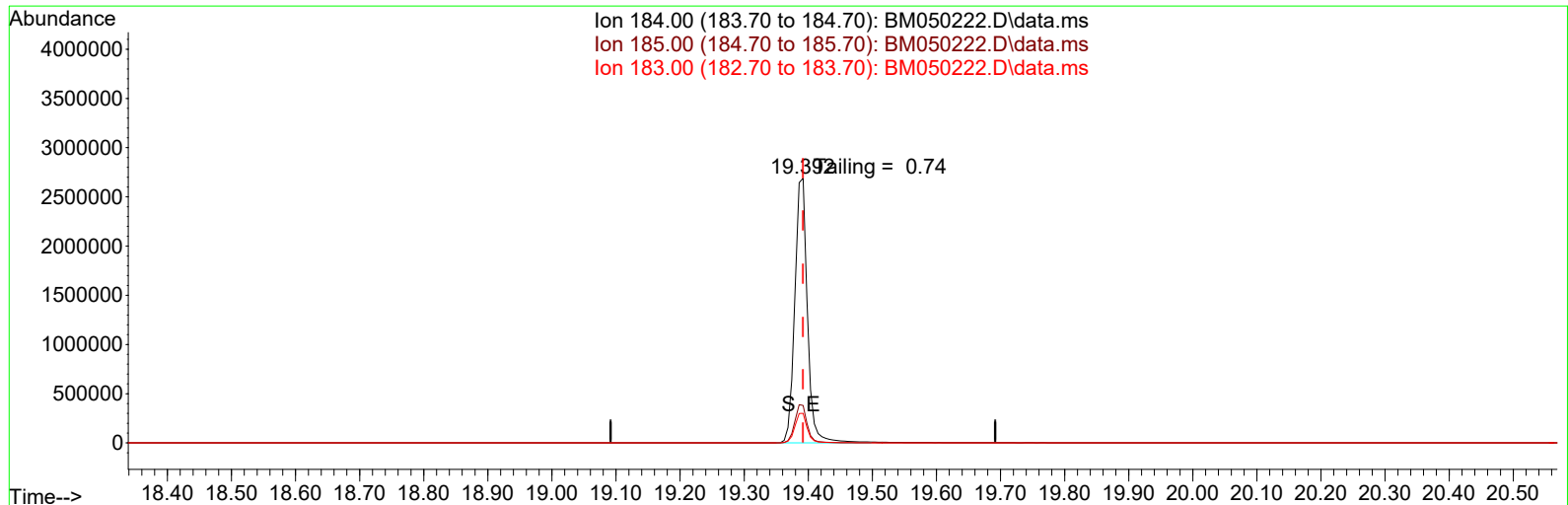
response 809092

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.48
264.00	63.50	61.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050222.D
Acq On : 06 Jun 2025 20:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 07 01:24:27 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 16:20:25 2025
Response via : Initial Calibration



TIC: BM050222.D\data.ms

(77) Benzidine

19.392min (-0.000) 152757.03 ng

response 3707147

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.14
183.00	11.20	11.19
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/6/2025	BNA_M	<u>BM050222.D</u>
Compound Name	Response	Retention Time
DDT	1821774	20.627
DDD	19213	20.174
DDE	1595	19.686
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
20808	1842582	1.13

Instrument :
BNA_M
ClientSampleId :
DFTPP

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168269BL	SDG No.:	Q2177
Lab Sample ID:	PB168269BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050207.D	1	06/04/25 08:30	06/06/25 10:08	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	137		15 (23) - 110 (138)	91%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.4		30 (67) - 130 (132)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.9		30 (52) - 130 (132)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	83.7		30 (42) - 130 (152)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	307000	7.787			
1146-65-2	Naphthalene-d8	1140000	10.575			
15067-26-2	Acenaphthene-d10	634000	14.41			
1517-22-2	Phenanthrene-d10	1130000	17.151			
1719-03-5	Chrysene-d12	982000	21.38			
1520-96-3	Perylene-d12	1020000	24.368			

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	
Client Sample ID:	PB168269BL		SDG No.:	Q2177
Lab Sample ID:	PB168269BL		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
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
BM050207.D	1	06/04/25 08:30	06/06/25 10:08	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
Data File : BM050207.D
Acq On : 06 Jun 2025 10:08
Operator : RC/JU
Sample : PB168269BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168269BL

Quant Time: Jun 06 10:53:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	307416	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1142669	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	634427	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1133741	20.000	ng	0.00
76) Chrysene-d12	21.380	240	982238	20.000	ng	0.00
86) Perylene-d12	24.368	264	1022855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2527466	137.149	ng	0.00
7) Phenol-d6	6.951	99	3136982	129.309	ng	0.00
23) Nitrobenzene-d5	8.934	82	1832446	83.403	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	906461	125.615	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3884866	82.902	ng	-0.01
79) Terphenyl-d14	19.780	244	4336326	83.660	ng	0.00

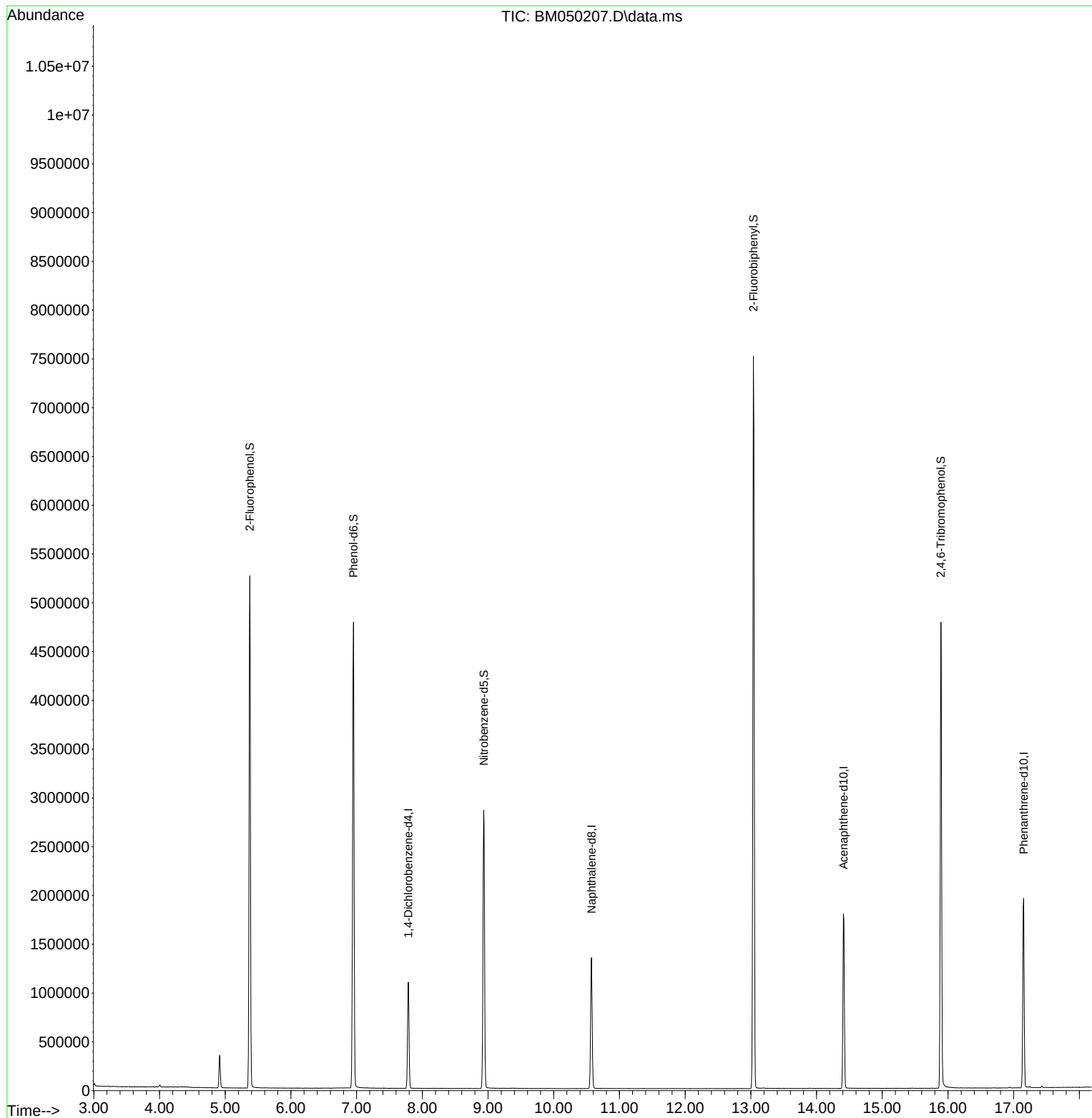
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050207.D
Acq On : 06 Jun 2025 10:08
Operator : RC/JU
Sample : PB168269BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168269BL

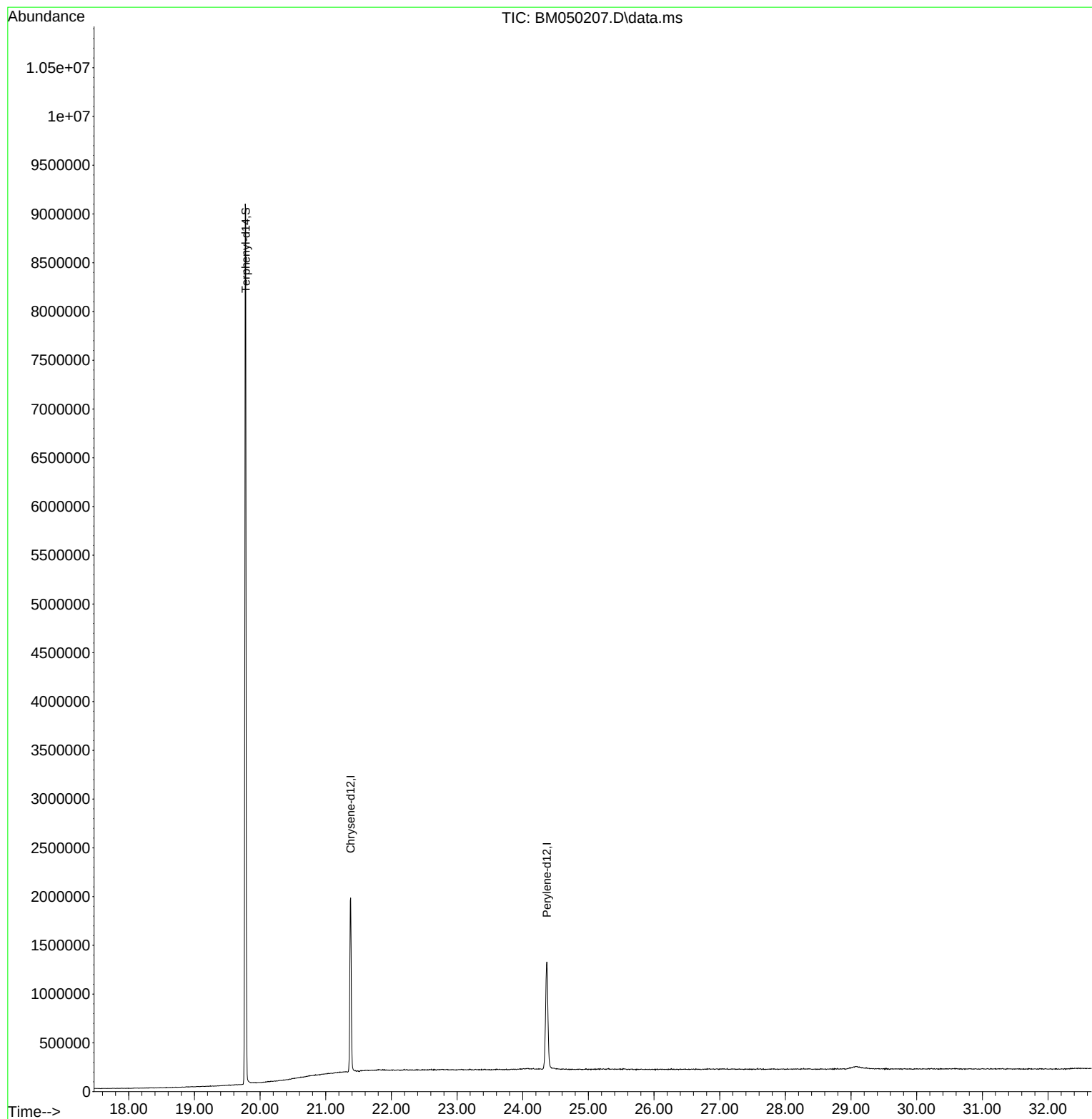
Quant Time: Jun 06 10:53:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

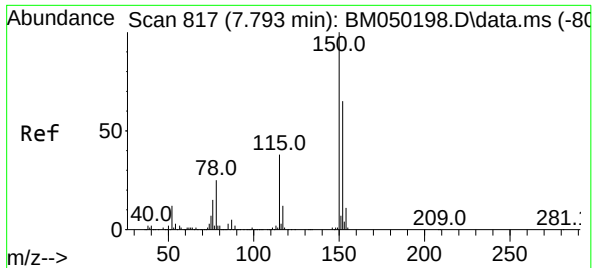


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050207.D
Acq On : 06 Jun 2025 10:08
Operator : RC/JU
Sample : PB168269BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168269BL

Quant Time: Jun 06 10:53:13 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

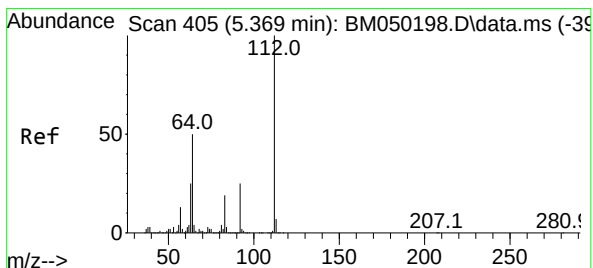
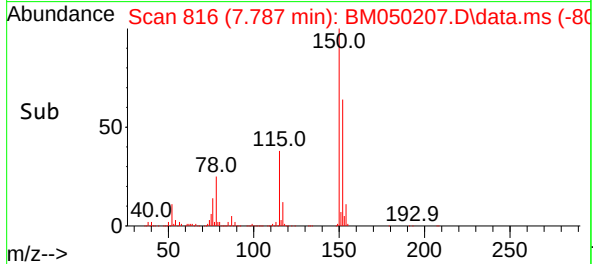
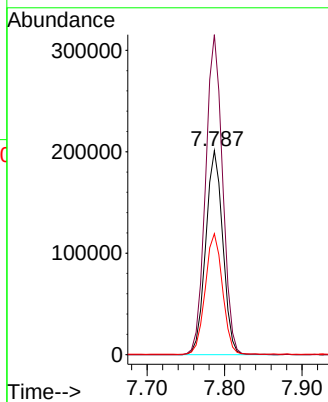
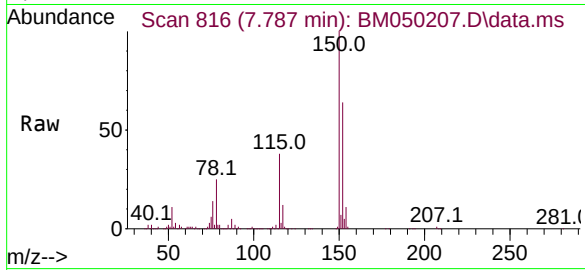




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

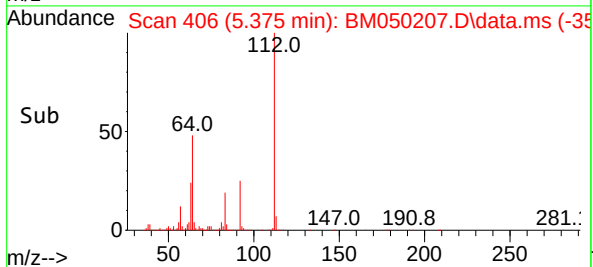
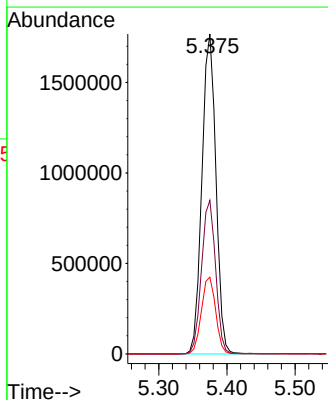
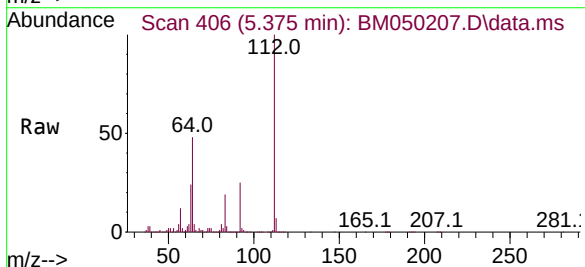
Instrument :
BNA_M
ClientSampleId :
PB168269BL

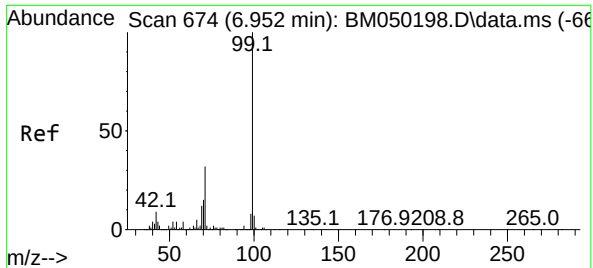
Tgt Ion:152 Resp: 307416
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 137.149 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:112 Resp: 2527466
Ion Ratio Lower Upper
112 100
64 48.0 39.8 59.6
63 24.0 19.8 29.8

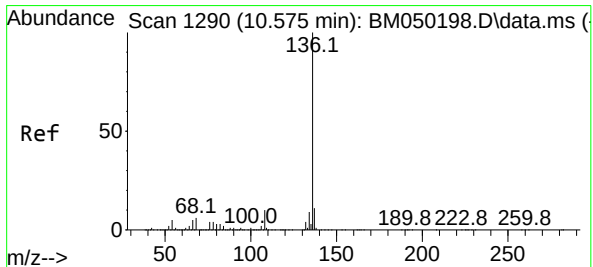
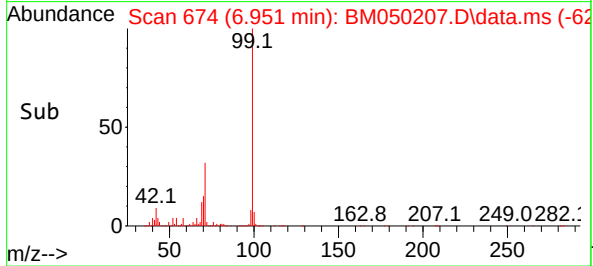
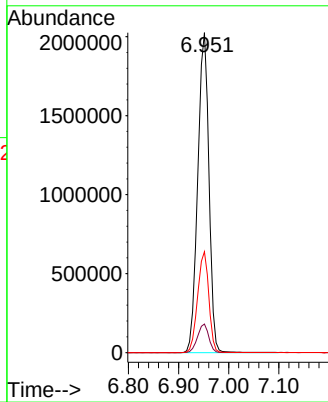
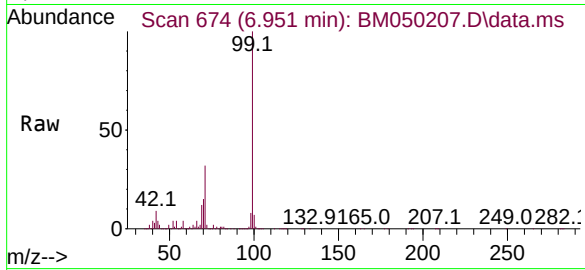




#7
Phenol-d6
Concen: 129.309 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

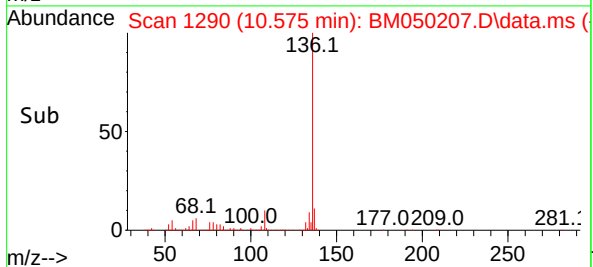
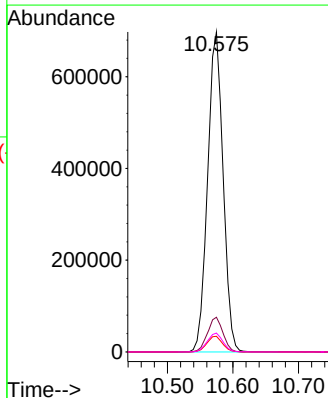
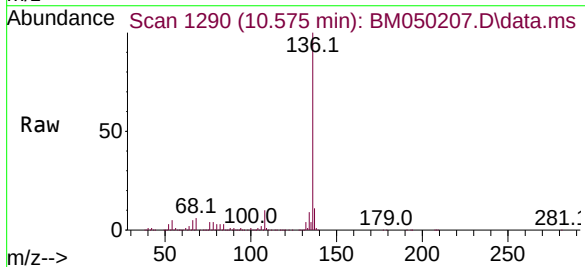
Instrument :
BNA_M
ClientSampleId :
PB168269BL

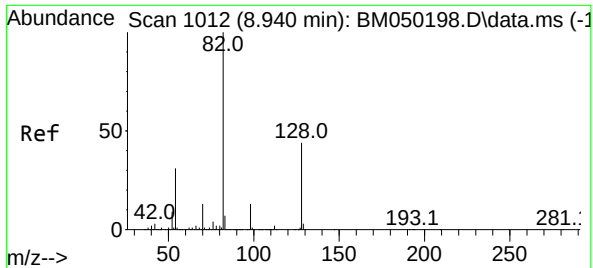
Tgt Ion: 99 Resp: 3136982
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion: 136 Resp: 1142669
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.403 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050207.D

Acq: 06 Jun 2025 10:08

Instrument :

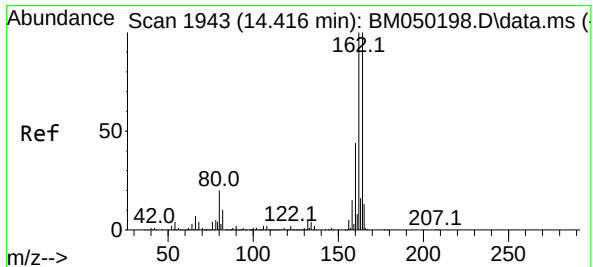
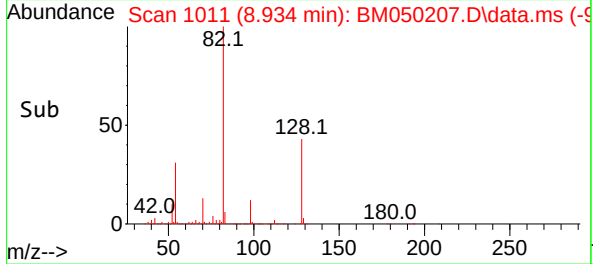
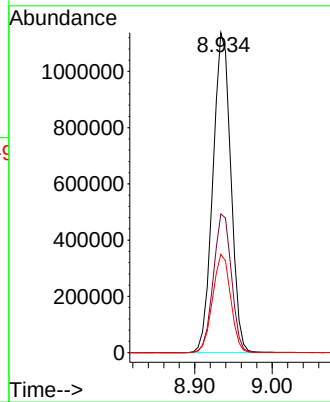
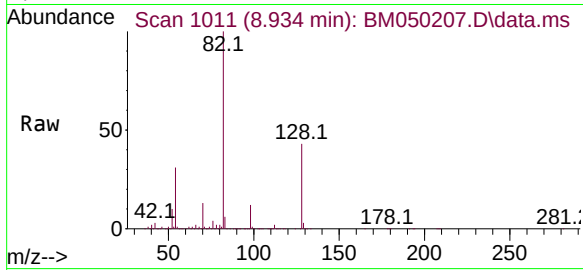
BNA_M

ClientSampleId :

PB168269BL

Tgt Ion: 82 Resp: 1832446

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.2	52.8
54	30.7	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

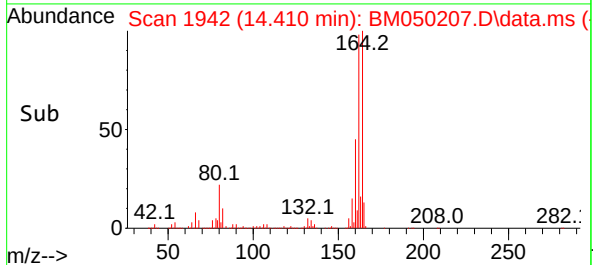
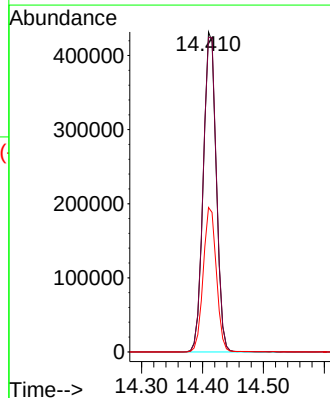
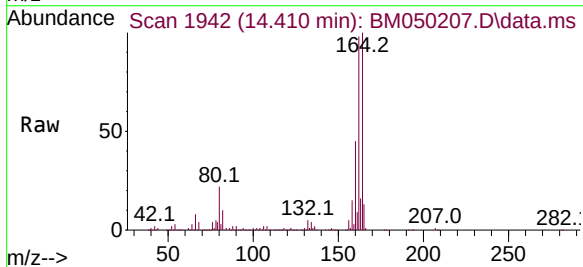
Delta R.T. -0.006 min

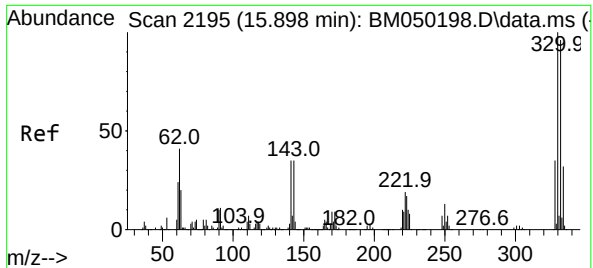
Lab File: BM050207.D

Acq: 06 Jun 2025 10:08

Tgt Ion:164 Resp: 634427

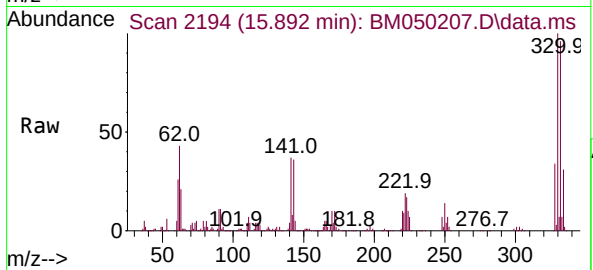
Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.4
160	45.1	35.7	53.5



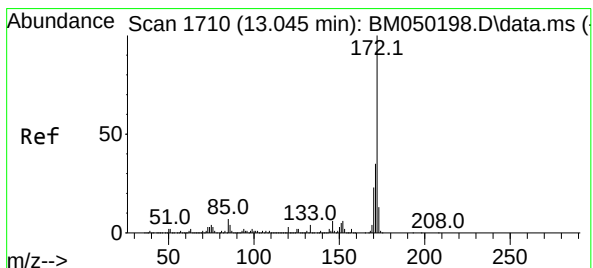
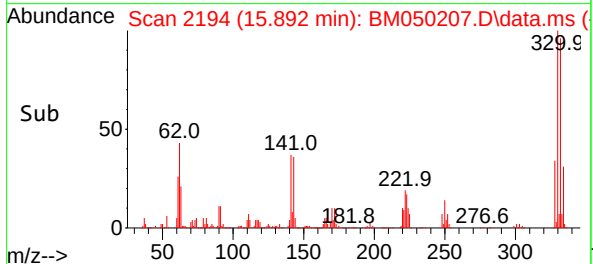
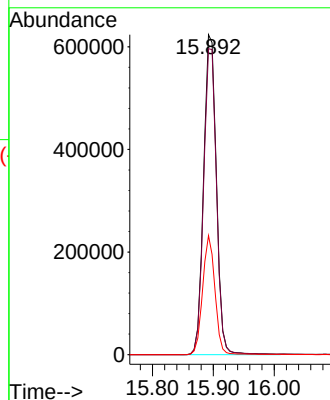


#42
2,4,6-Tribromophenol
Concen: 125.615 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Instrument :
BNA_M
ClientSampleId :
PB168269BL

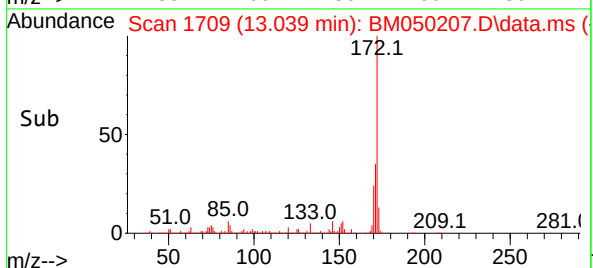
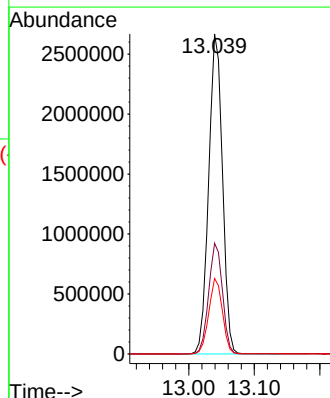
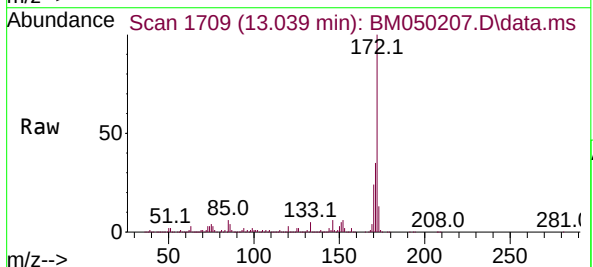


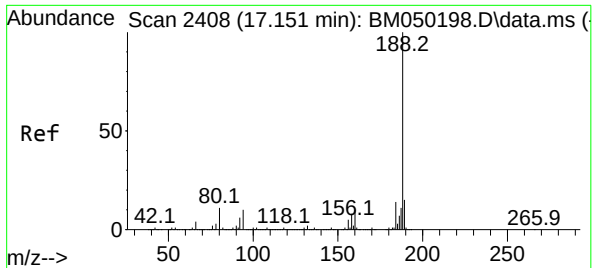
Tgt Ion:330 Resp: 906461
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 35.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 82.902 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:172 Resp: 3884866
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.6 18.6 27.8

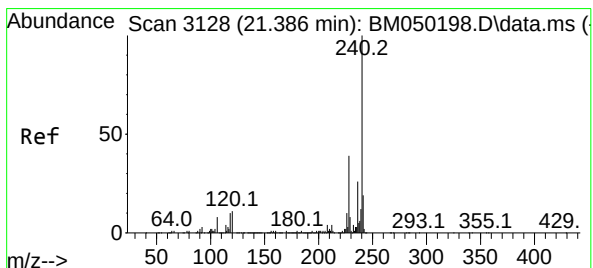
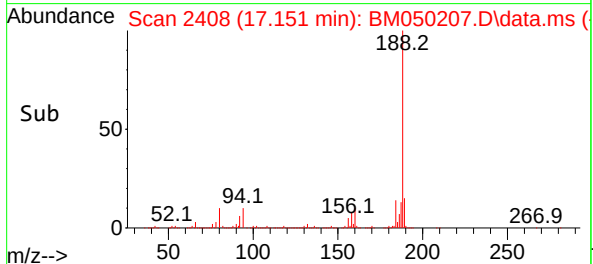
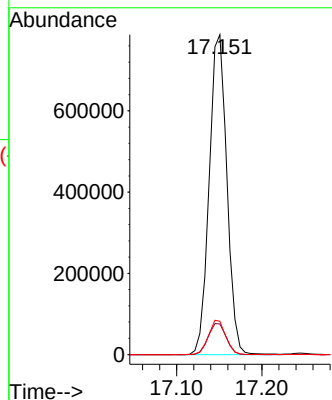
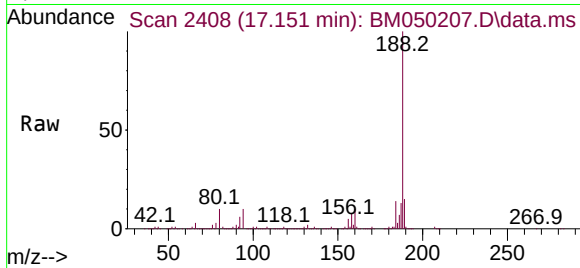




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

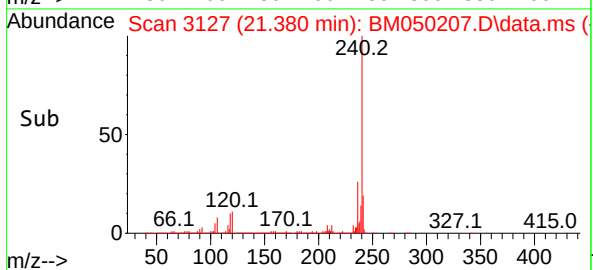
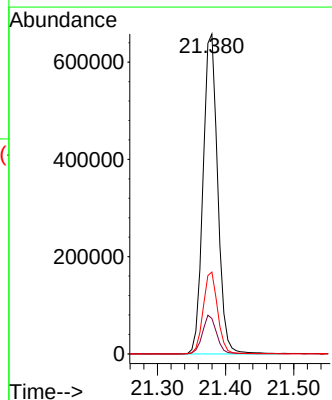
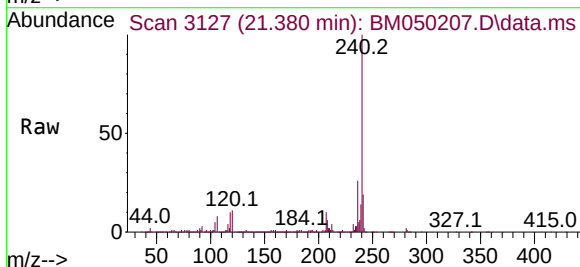
Instrument :
BNA_M
ClientSampleId :
PB168269BL

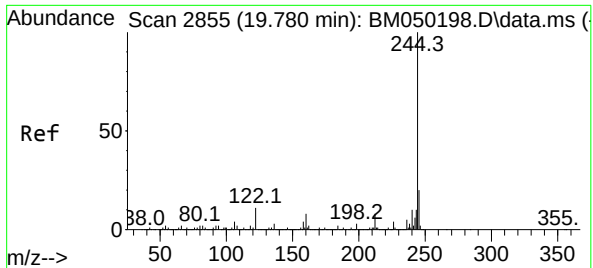
Tgt Ion:188 Resp: 1133741
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:240 Resp: 982238
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.6 20.7 31.1

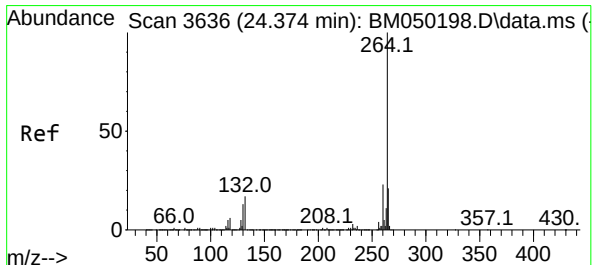
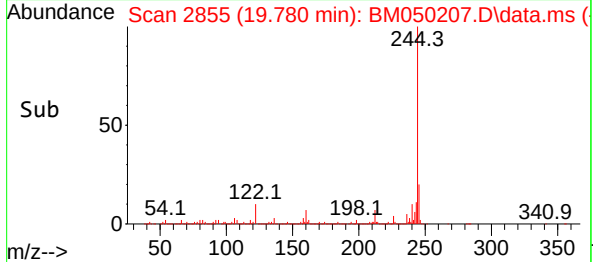
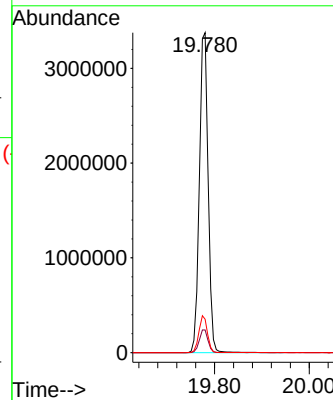
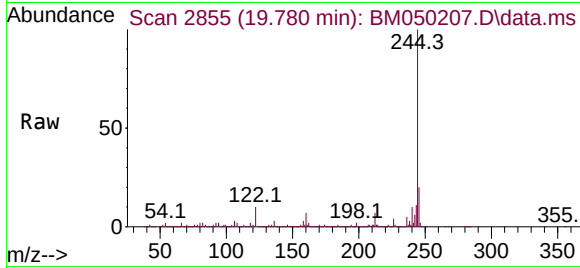




#79
Terphenyl-d14
Concen: 83.660 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

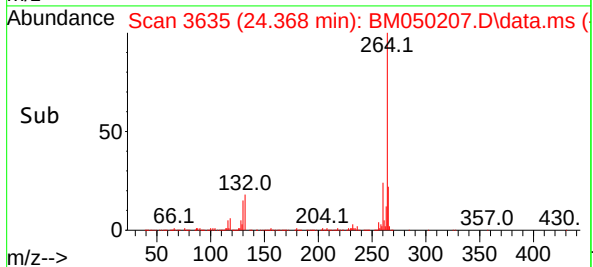
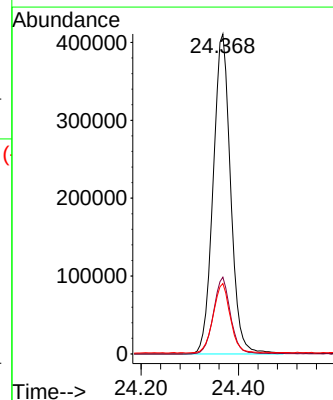
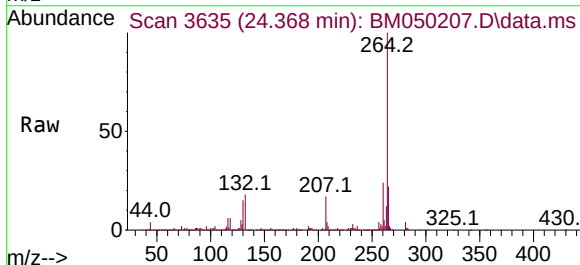
Instrument :
BNA_M
ClientSampleId :
PB168269BL

Tgt Ion:244 Resp: 4336326
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:264 Resp: 1022855
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.0 16.8 25.2



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168269BS	SDG No.:	Q2177
Lab Sample ID:	PB168269BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050208.D	1	06/04/25 08:30	06/06/25 10:47	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	40.6		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	44.3		0.53	5.00	ug/L
95-48-7	2-Methylphenol	43.4		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.7		1.10	10.0	ug/L
67-72-1	Hexachloroethane	46.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.8		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.0		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	47.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.4		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.4		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	47.6		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	98.6	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.8		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	79.3		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	328000		7.786		
1146-65-2	Naphthalene-d8	1230000		10.575		
15067-26-2	Acenaphthene-d10	656000		14.415		
1517-22-2	Phenanthrene-d10	1120000		17.151		
1719-03-5	Chrysene-d12	1060000		21.38		
1520-96-3	Perylene-d12	1190000		24.368		

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168269BS	SDG No.:	Q2177
Lab Sample ID:	PB168269BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050208.D	1	06/04/25 08:30	06/06/25 10:47	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
 Data File : BM050208.D
 Acq On : 06 Jun 2025 10:47
 Operator : RC/JU
 Sample : PB168269BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 11:23:44 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 16:20:25 2025

Response via : Initial Calibration

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

Internal Standards

1) 1,4-Dichlorobenzene-d4	7.786	152	327776	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1233278	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	655553	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1123564	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1060555	20.000	ng	0.00
86) Perylene-d12	24.368	264	1186020	20.000	ng	0.00

06/09/2025

Supervised By :Jagrut Upadhyay

System Monitoring Compounds

5) 2-Fluorophenol	5.375	112	2567295	130.657	ng	0.00
7) Phenol-d6	6.951	99	3136308	121.251	ng	0.00
23) Nitrobenzene-d5	8.939	82	1892430	79.805	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	914951	122.706	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3882156	80.174	ng	0.00
79) Terphenyl-d14	19.780	244	4436403	79.271	ng	0.00

06/09/2025

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.293	88	325321	37.771	ng	99
3) Pyridine	3.681	79	904757	40.563	ng	100
4) n-Nitrosodimethylamine	3.593	42	208634	45.234	ng	99
6) Aniline	7.110	93	837259	24.485	ng	98
8) 2-Chlorophenol	7.351	128	992699	45.930	ng	100
9) Benzaldehyde	6.922	77	542414	32.983	ng	99
10) Phenol	6.981	94	1215351	44.407	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	981243	44.575	ng	99
12) 1,3-Dichlorobenzene	7.681	146	1093012	45.236	ng	100
13) 1,4-Dichlorobenzene	7.822	146	1114691	44.340	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1068631	44.590	ng	99
15) Benzyl Alcohol	8.022	79	794202	43.049	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	679997	44.467	ng	99
17) 2-Methylphenol	8.222	107	782986	43.360	ng	99
18) Hexachloroethane	8.869	117	420967	46.239	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	663797	41.936	ng	98
20) 3+4-Methylphenols	8.551	107	1032399	42.732	ng	99
22) Acetophenone	8.604	105	1394781	45.269	ng	# 98
24) Nitrobenzene	8.980	77	1008774	46.775	ng	99
25) Isophorone	9.510	82	1809915	44.221	ng	99
26) 2-Nitrophenol	9.686	139	452068	48.560	ng	99
27) 2,4-Dimethylphenol	9.751	122	860580	44.991	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1192528	44.601	ng	99
29) 2,4-Dichlorophenol	10.222	162	815245	46.057	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	918180	46.614	ng	99
31) Naphthalene	10.627	128	2842640	44.581	ng	100
32) Benzoic acid	9.869	122	514873	42.831	ng	99
33) 4-Chloroaniline	10.727	127	288124	10.599	ng	98
34) Hexachlorobutadiene	10.922	225	550713	47.004	ng	99
35) Caprolactam	11.492	113	228114	40.649	ng	93
36) 4-Chloro-3-methylphenol	11.851	107	803016	42.515	ng	100
37) 2-Methylnaphthalene	12.239	142	1697571	44.131	ng	99
38) 1-Methylnaphthalene	12.457	142	1765176	43.235	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	919860	48.593	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1246647	108.441	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	596512	47.918	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050208.D
 Acq On : 06 Jun 2025 10:47
 Operator : RC/JU
 Sample : PB168269BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168269BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 11:23:44 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 16:20:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	648023	47.413	ng	98
46) 1,1'-Biphenyl	13.251	154	2302794	46.912	ng	100
47) 2-Chloronaphthalene	13.292	162	1775566	46.527	ng	99
48) 2-Nitroaniline	13.486	65	406112	48.358	ng	99
49) Acenaphthylene	14.133	152	2844003	46.075	ng	99
50) Dimethylphthalate	13.874	163	1978120	44.618	ng	99
51) 2,6-Dinitrotoluene	13.980	165	425559	47.597	ng	95
52) Acenaphthene	14.480	154	1905934	49.367	ng	99
53) 3-Nitroaniline	14.304	138	180262	18.090	ng	94
54) 2,4-Dinitrophenol	14.510	184	466278	90.070	ng	96
55) Dibenzofuran	14.815	168	2529176	44.778	ng	99
56) 4-Nitrophenol	14.610	139	818441	96.500	ng	100
57) 2,4-Dinitrotoluene	14.768	165	582583	49.396	ng	99
58) Fluorene	15.462	166	1923441	44.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	539527m	45.625	ng	
60) Diethylphthalate	15.245	149	1933121	43.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	928607	44.414	ng	98
62) 4-Nitroaniline	15.468	138	395494	42.346	ng	99
63) Azobenzene	15.751	77	1951359	44.381	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	292506	47.665	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1684849	47.725	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	573472	47.863	ng	99
68) Hexachlorobenzene	16.462	284	665920	47.570	ng	98
69) Atrazine	16.621	200	556402	49.464	ng	100
70) Pentachlorophenol	16.804	266	897621	98.626	ng	99
71) Phenanthrene	17.192	178	2959230	46.104	ng	100
72) Anthracene	17.286	178	3004594	46.793	ng	100
73) Carbazole	17.551	167	2762804	47.230	ng	99
74) Di-n-butylphthalate	18.133	149	3068125	48.203	ng	100
75) Fluoranthene	19.203	202	3170134	46.834	ng	98
77) Benzidine	19.386	184	762450	25.565	ng	100
78) Pyrene	19.568	202	3317752	46.414	ng	99
80) Butylbenzylphthalate	20.480	149	1200885	50.365	ng	97
81) Benzo(a)anthracene	21.362	228	3170963	47.237	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	487751	23.827	ng	100
83) Chrysene	21.427	228	3030852	47.465	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1865304	50.788	ng	98
85) Di-n-octyl phthalate	22.456	149	3032564	55.644	ng	100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4171594	54.627	ng	# 93
88) Benzo(b)fluoranthene	23.427	252	3291254	47.730	ng	100
89) Benzo(k)fluoranthene	23.491	252	3268507	46.432	ng	99
90) Benzo(a)pyrene	24.227	252	3181588	49.074	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3373519	54.424	ng	98
92) Benzo(g,h,i)perylene	28.791	276	3433734	55.347	ng	100

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

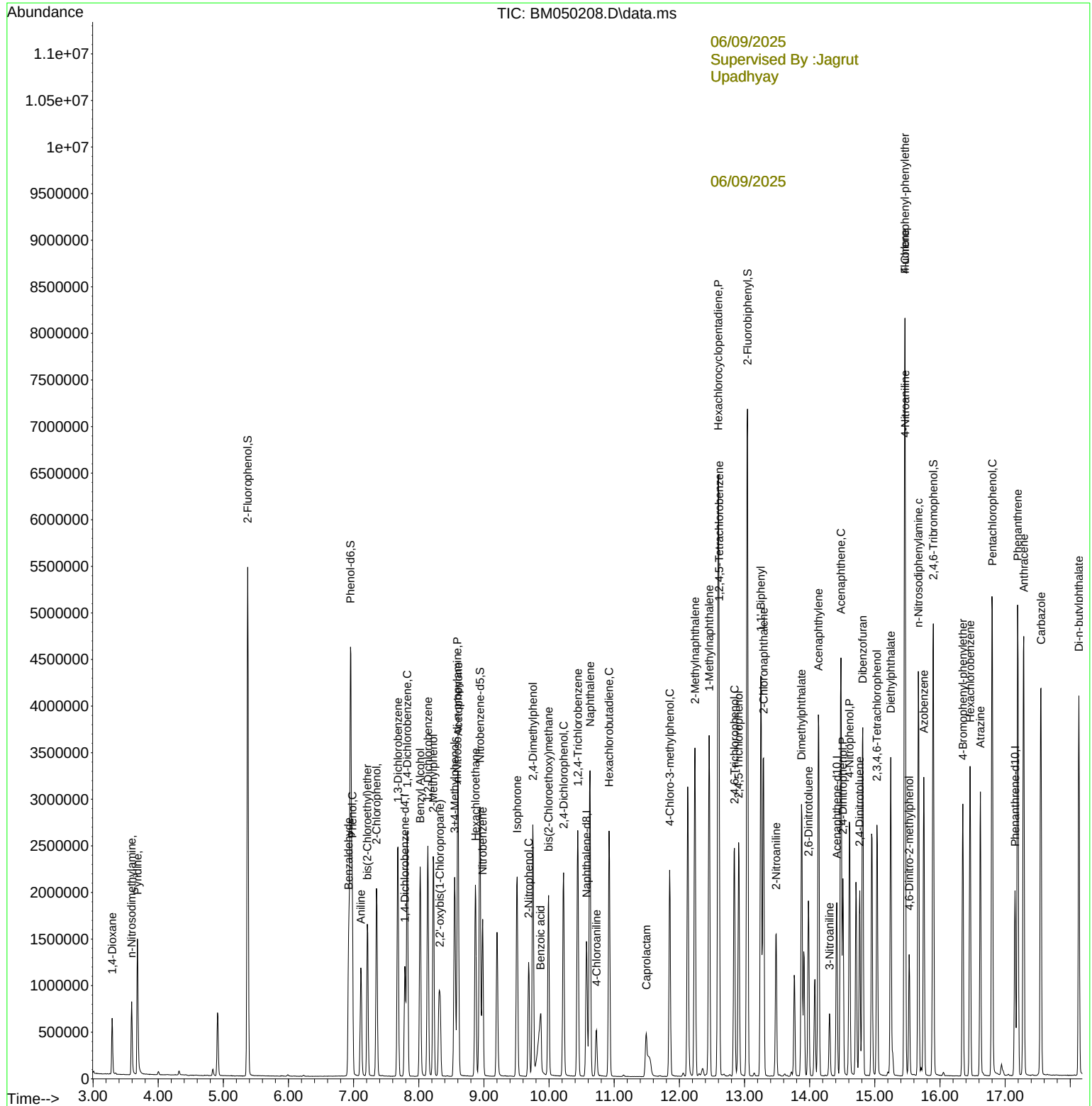
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Data File : BM050208.D
Acq On : 06 Jun 2025 10:47
Operator : RC/JU
Sample : PB168269BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168269BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 11:23:44 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 16:20:25 2025
Response via : Initial Calibration



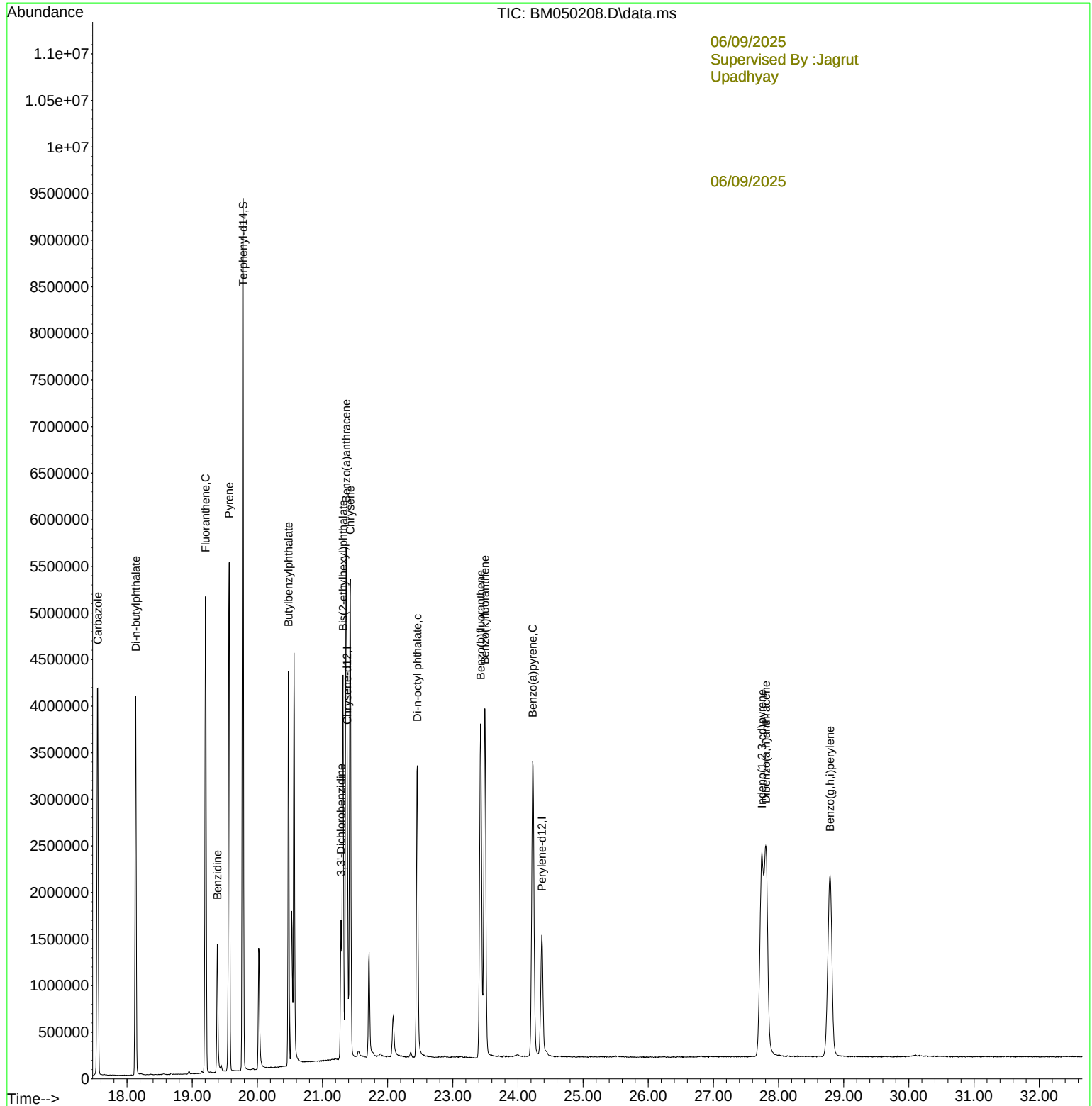
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Sample : PB168269BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

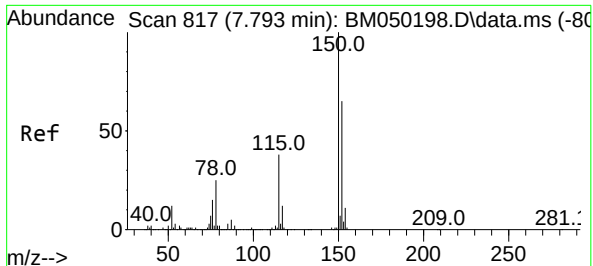
Instrument :
BNA_M
ClientSampleId :
PB168269BS

Manual Integrations
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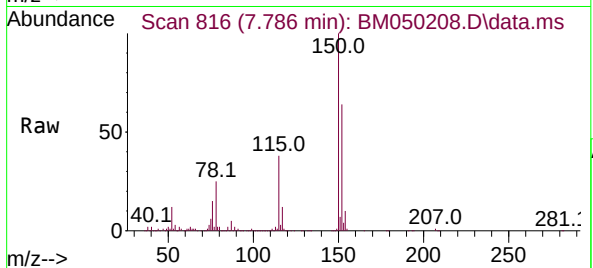
Quant Time: Jun 06 11:23:44 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

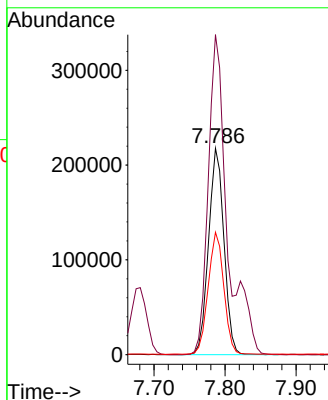
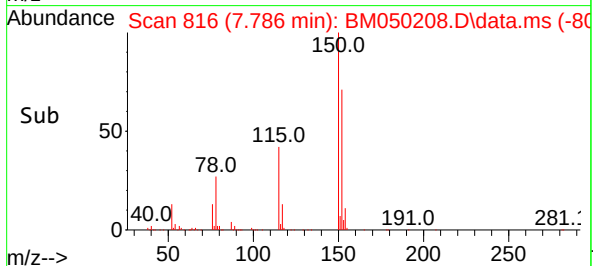
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 152 Resp: 327776
Ion Ratio Lower Upper
152 100
150 155.1 122.2 183.4
115 59.3 46.3 69.5

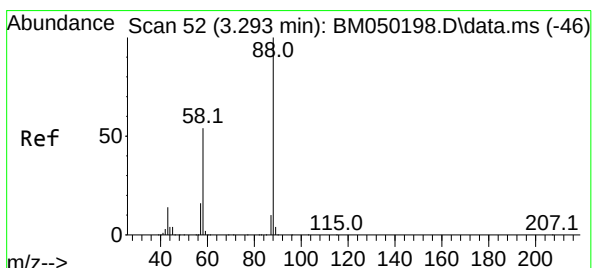
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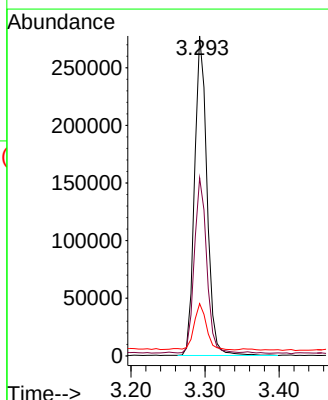
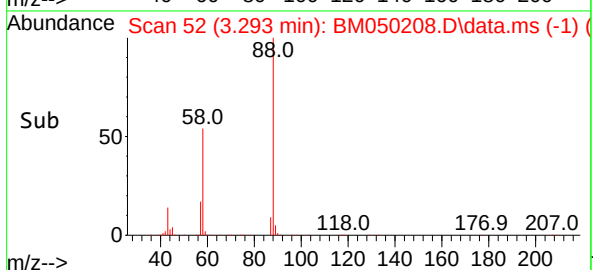
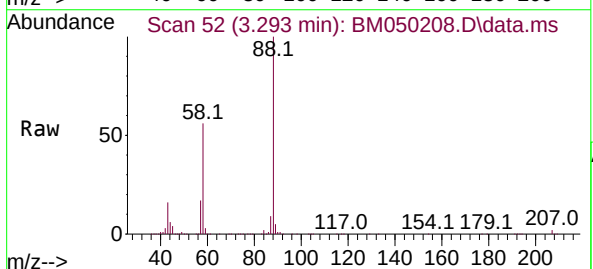
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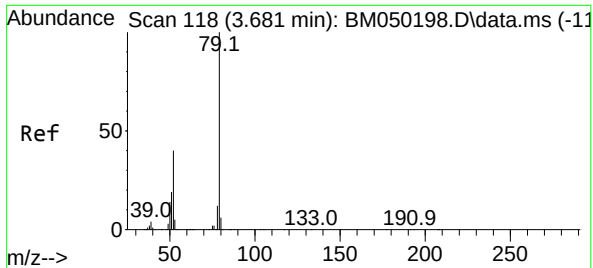
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#2
1,4-Dioxane
Concen: 37.771 ng
RT: 3.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

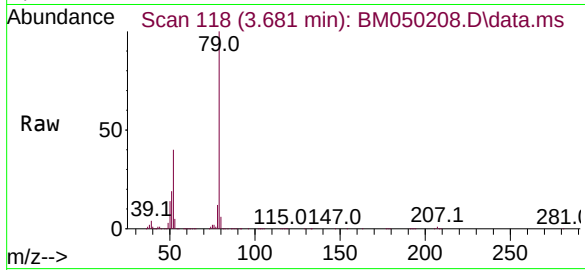
Tgt Ion: 88 Resp: 325321
Ion Ratio Lower Upper
88 100
58 54.1 42.9 64.3
43 14.5 11.0 16.6





#3
Pyridine
Concen: 40.563 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

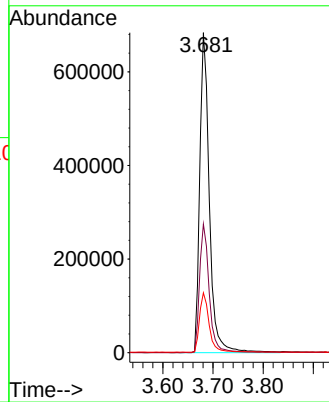
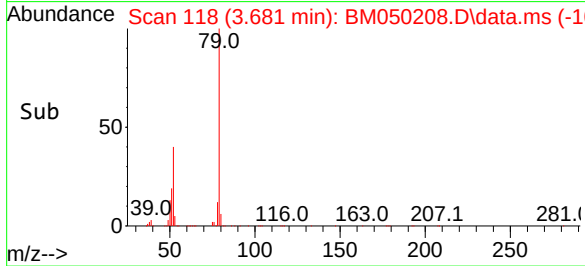
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 79 Resp: 904752
Ion Ratio Lower Upper
79 100
52 40.2 32.1 48.1
51 18.7 15.4 23.0

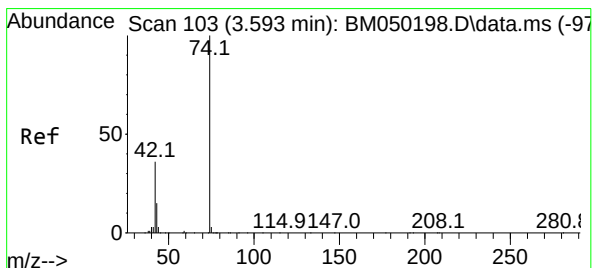
Manual Integrations
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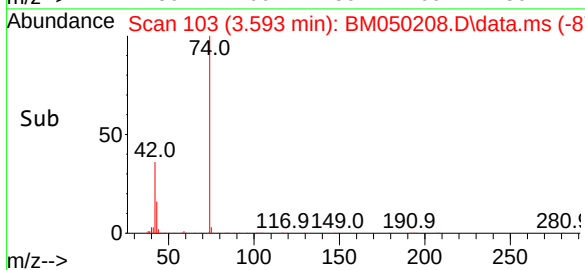
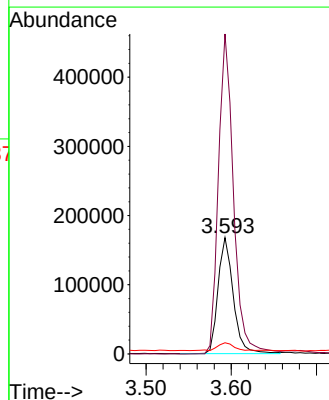
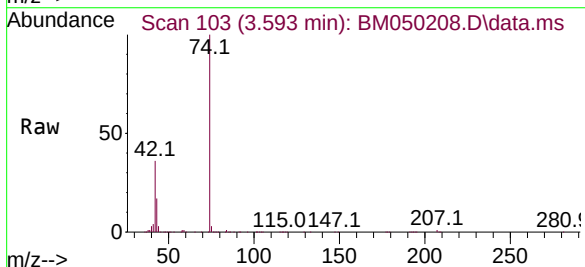
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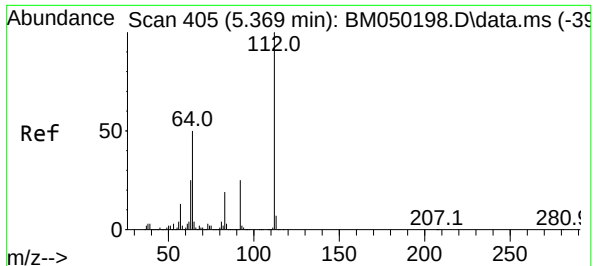
06/09/2025



#4
n-Nitrosodimethylamine
Concen: 45.234 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

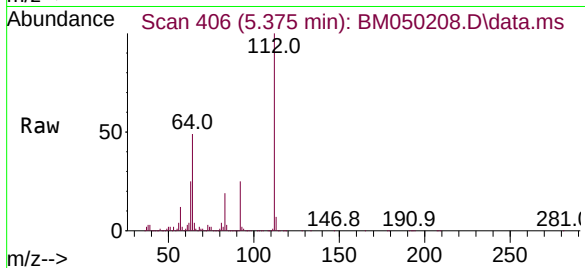
Tgt Ion: 42 Resp: 208634
Ion Ratio Lower Upper
42 100
74 275.4 222.0 333.0
44 9.6 7.0 10.6





#5
2-Fluorophenol
Concen: 130.657 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

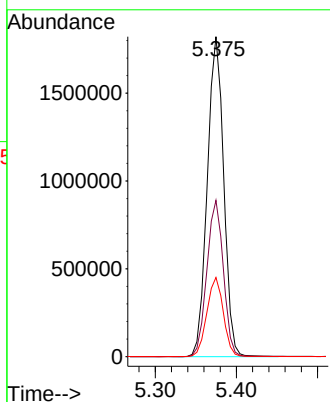
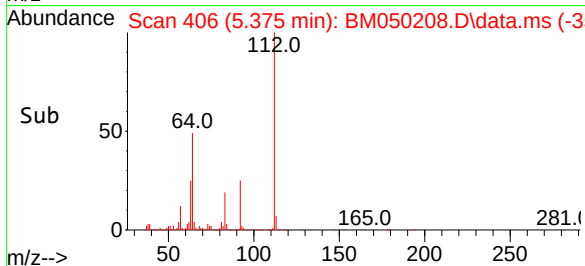
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 112 Resp: 2567295
Ion Ratio Lower Upper
112 100
64 48.8 39.8 59.6
63 24.7 19.8 29.8

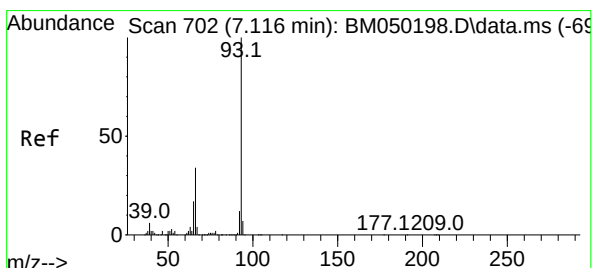
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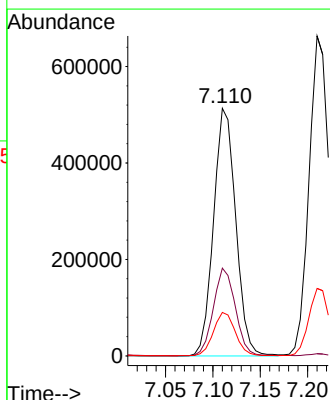
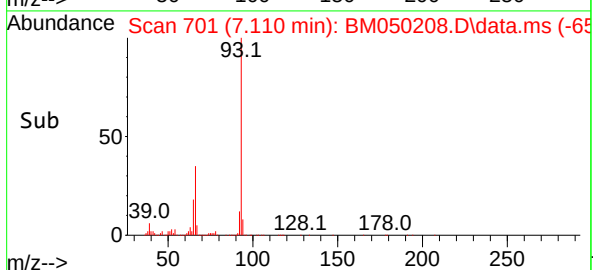
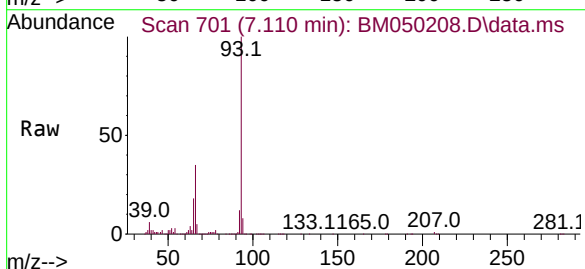
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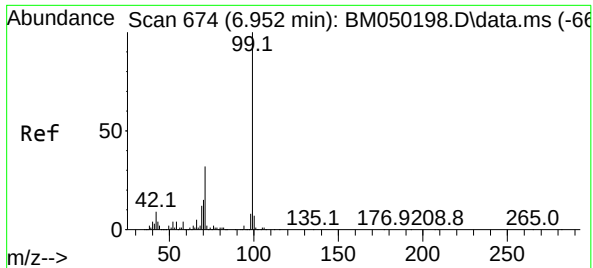
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#6
Aniline
Concen: 24.485 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

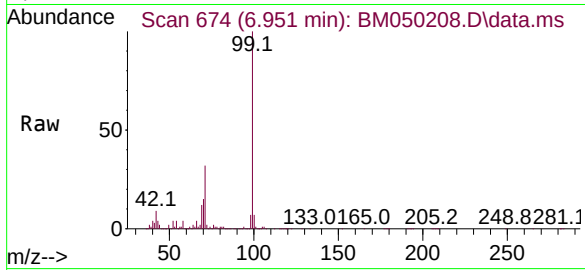
Tgt Ion: 93 Resp: 837259
Ion Ratio Lower Upper
93 100
66 35.4 27.4 41.2
65 17.6 13.6 20.4





#7
Phenol-d6
Concen: 121.251 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

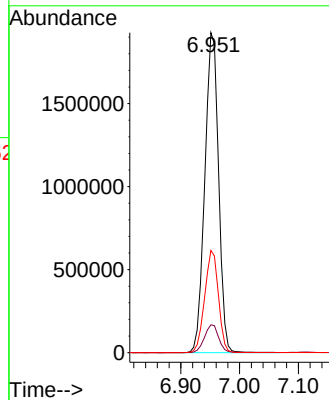
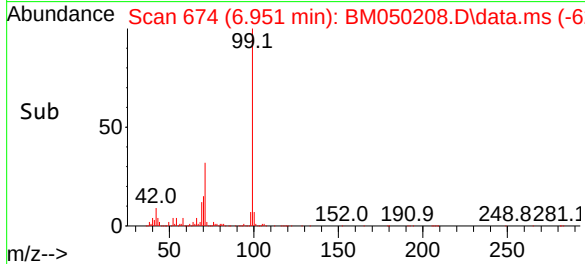
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 99 Resp: 3136308
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.9 25.3 37.9

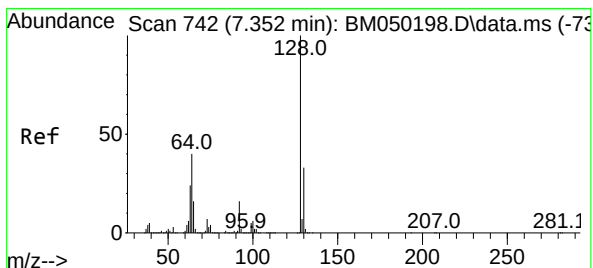
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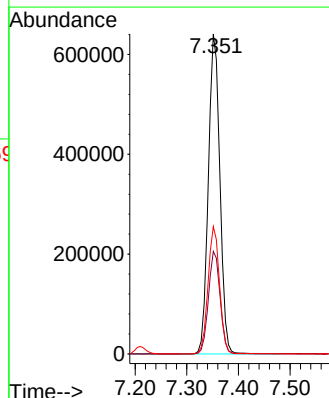
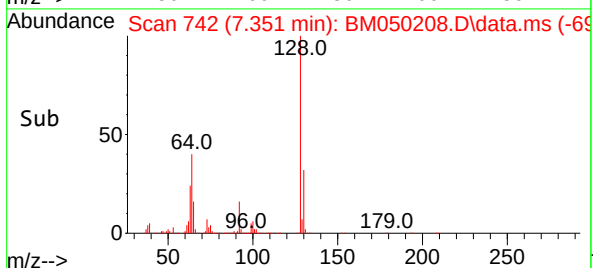
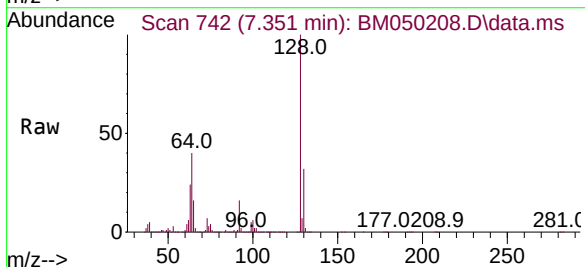
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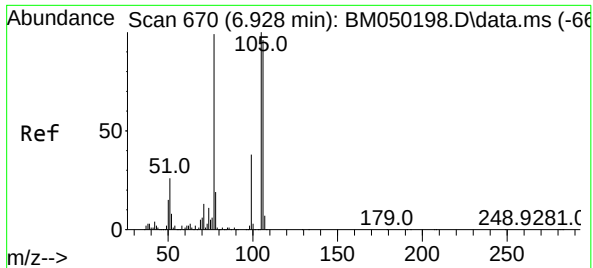
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#8
2-Chlorophenol
Concen: 45.930 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

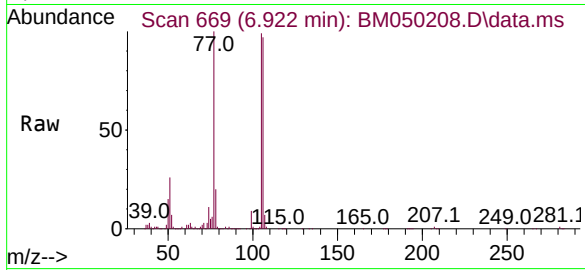
Tgt Ion:128 Resp: 992699
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 39.8 19.8 59.8





#9
Benzaldehyde
Concen: 32.983 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

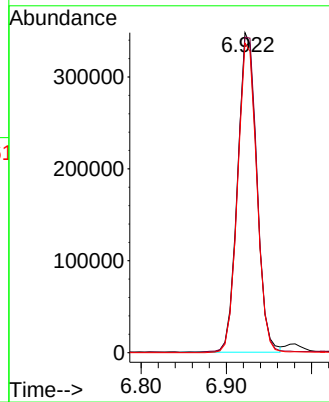
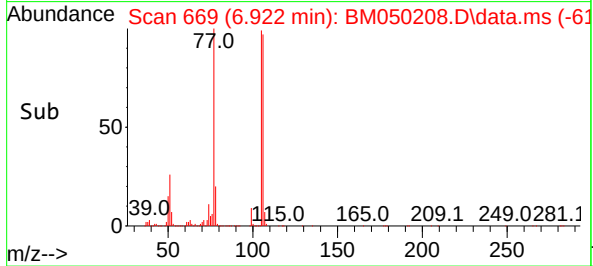
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 77 Resp: 542414
Ion Ratio Lower Upper
77 100
105 98.6 80.9 120.9
106 96.7 77.1 117.1

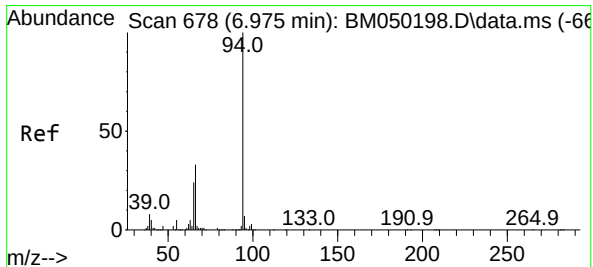
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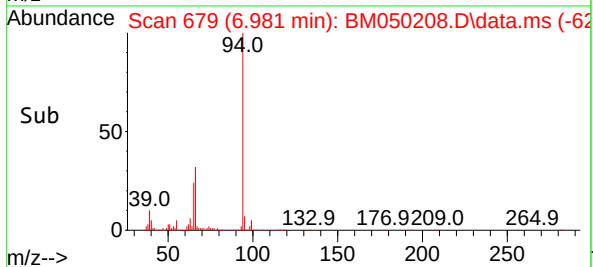
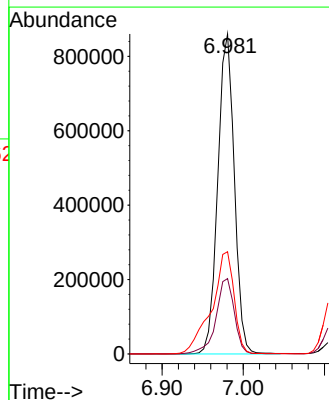
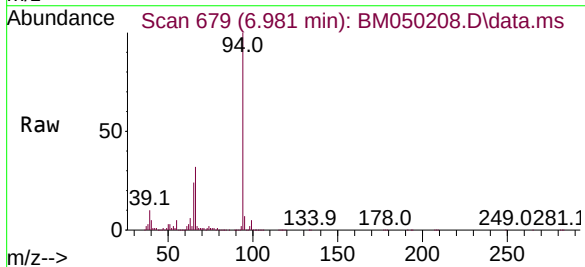
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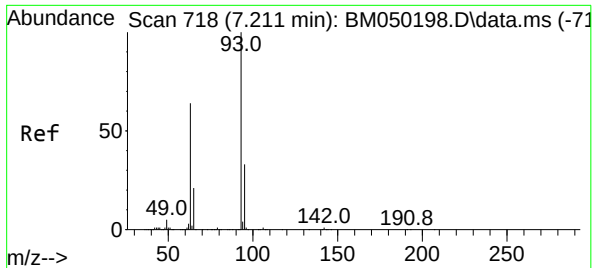
06/09/2025



#10
Phenol
Concen: 44.407 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion: 94 Resp: 1215351
Ion Ratio Lower Upper
94 100
65 23.5 4.3 44.3
66 31.9 12.9 52.9





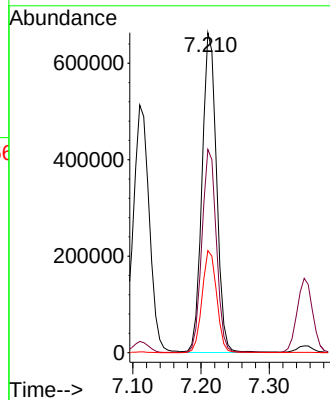
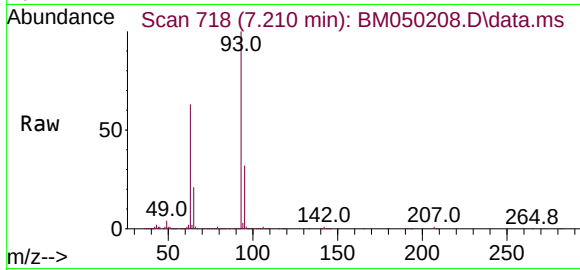
#11
bis(2-Chloroethyl)ether
Concen: 44.575 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS

Tgt Ion: 93 Resp: 981243
Ion Ratio Lower Upper
93 100
63 63.5 43.9 83.9
95 31.9 12.7 52.7

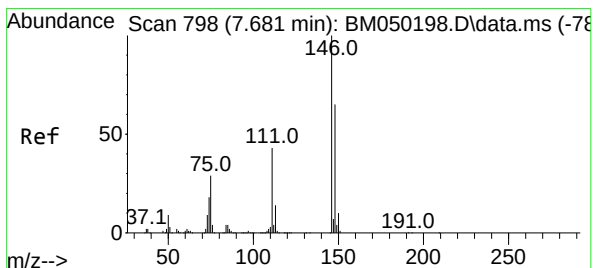
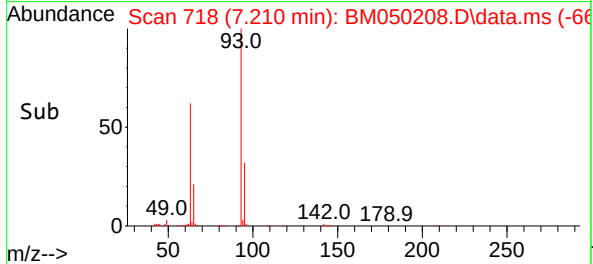
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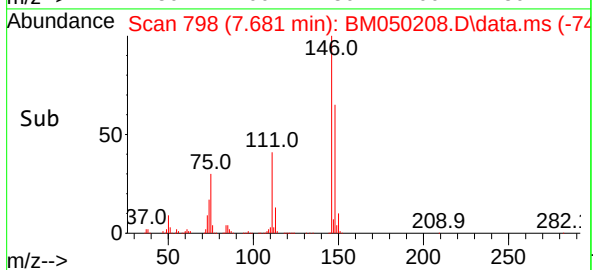
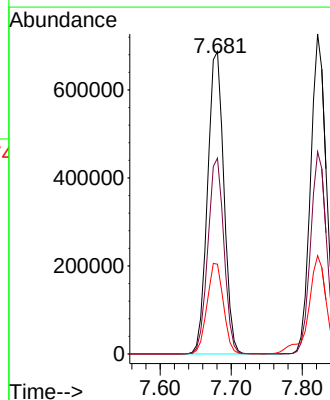
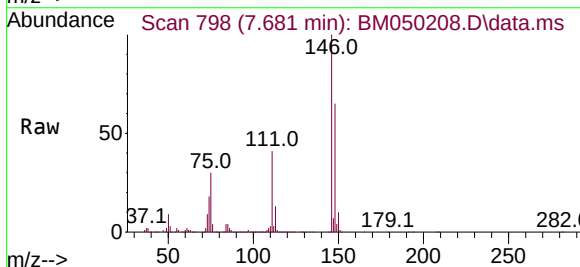
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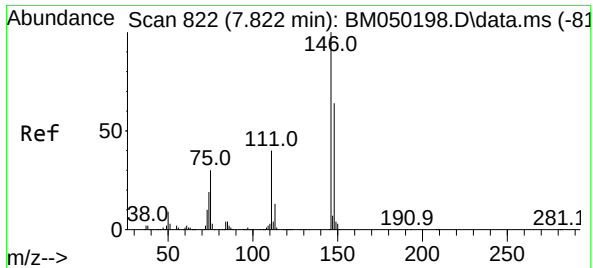
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#12
1,3-Dichlorobenzene
Concen: 45.236 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

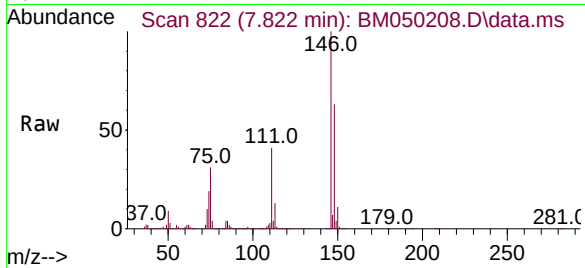
Tgt Ion:146 Resp: 1093012
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 29.7 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 44.340 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

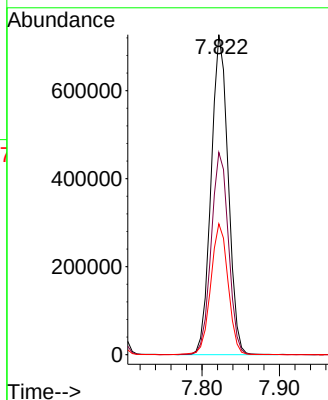
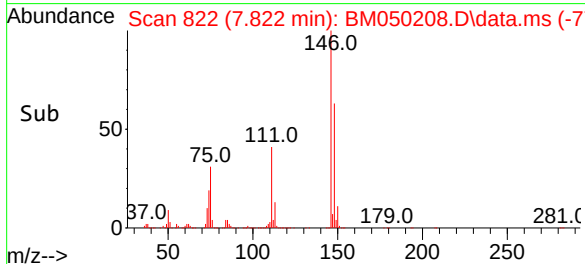
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:146 Resp: 1114691
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
111 40.9 32.3 48.5

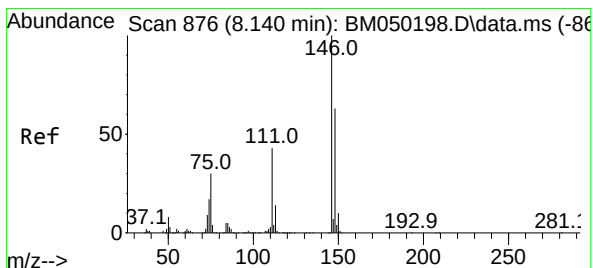
Manual Integrations
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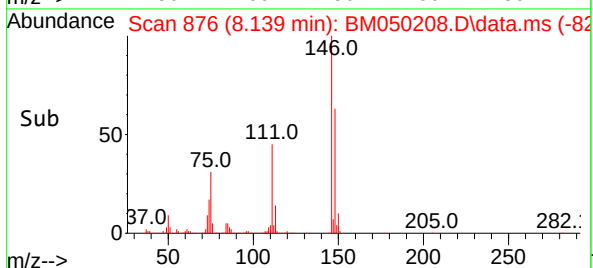
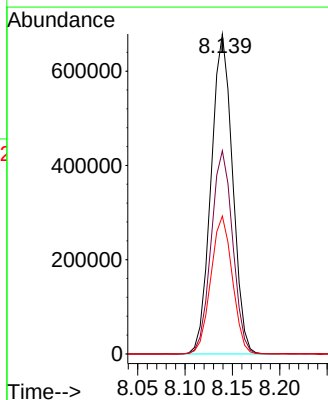
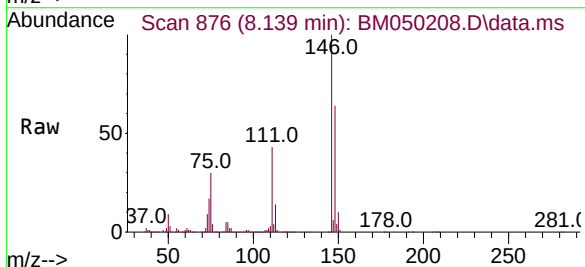
06/09/2025
Supervised By :Jagrut
Upadhyay

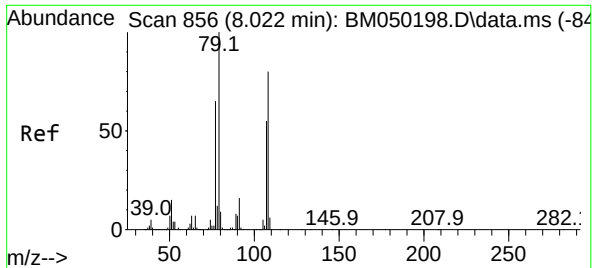
06/09/2025



#14
1,2-Dichlorobenzene
Concen: 44.590 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

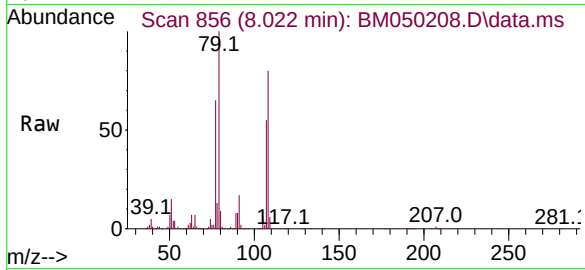
Tgt Ion:146 Resp: 1068631
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.1 34.3 51.5





#15
Benzyl Alcohol
Concen: 43.049 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

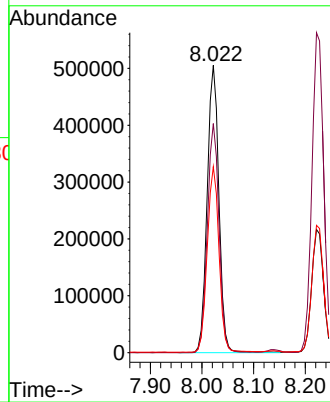
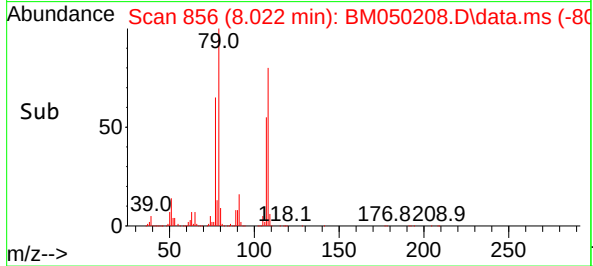
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 79 Resp: 794202
Ion Ratio Lower Upper
79 100
108 79.7 64.0 96.0
77 64.7 52.2 78.2

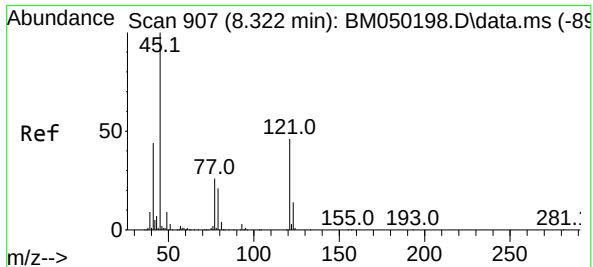
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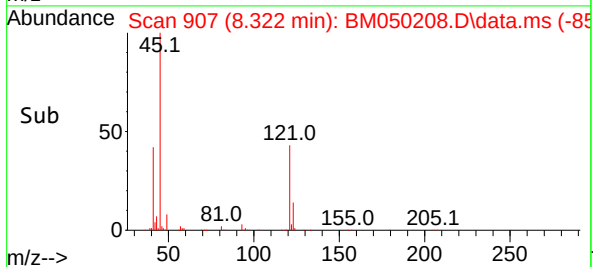
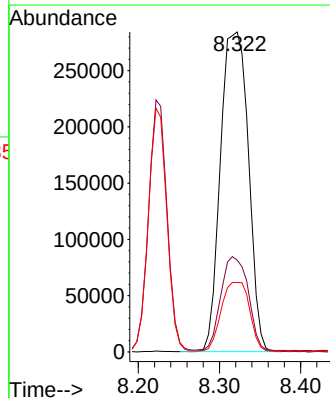
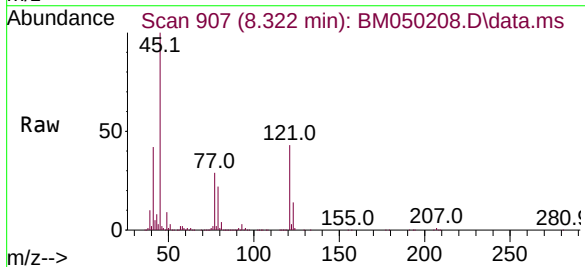
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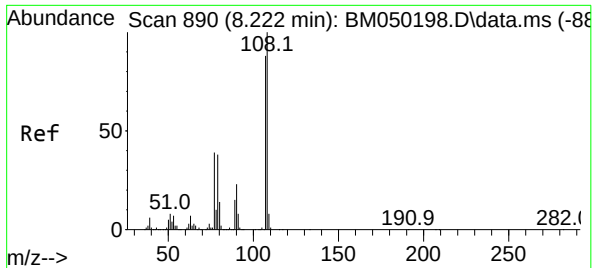
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.467 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

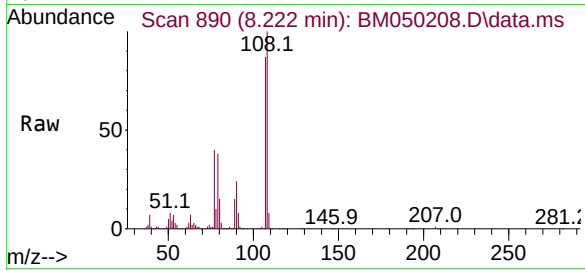
Tgt Ion: 45 Resp: 679997
Ion Ratio Lower Upper
45 100
77 28.7 8.7 48.7
79 21.7 2.7 42.7





#17
2-Methylphenol
Concen: 43.360 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

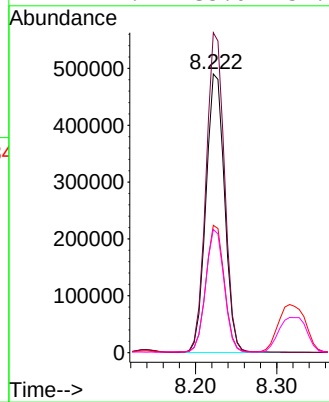
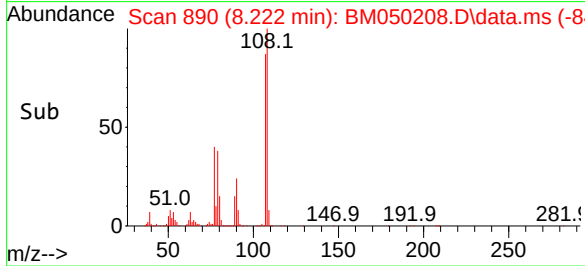
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:107 Resp: 782986
Ion Ratio Lower Upper
107 100
108 114.8 90.8 136.2
77 45.7 35.7 53.5
79 44.2 35.0 52.4

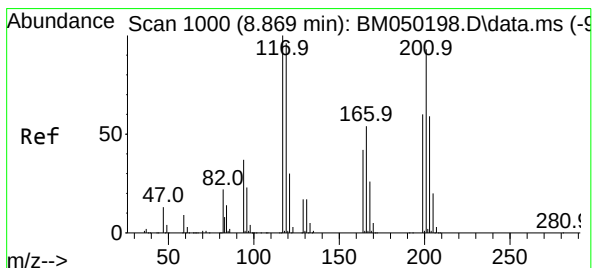
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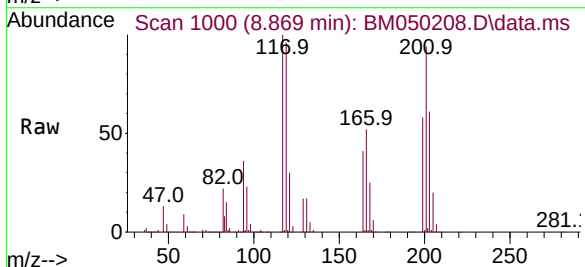


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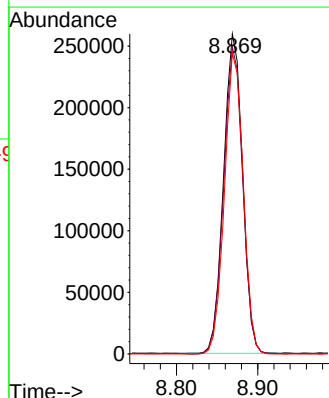
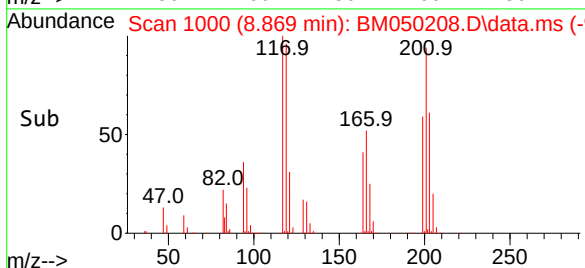
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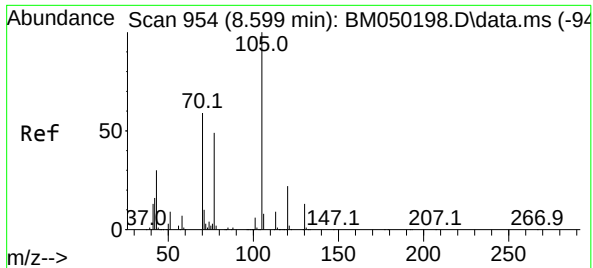


#18
Hexachloroethane
Concen: 46.239 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



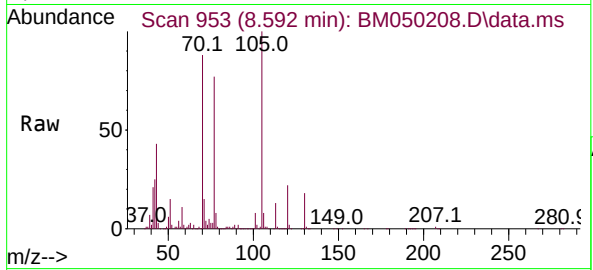
Tgt Ion:117 Resp: 420967
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6
201 93.9 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.936 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

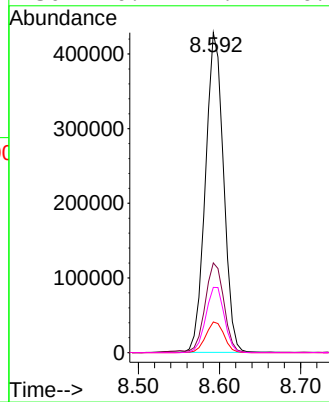
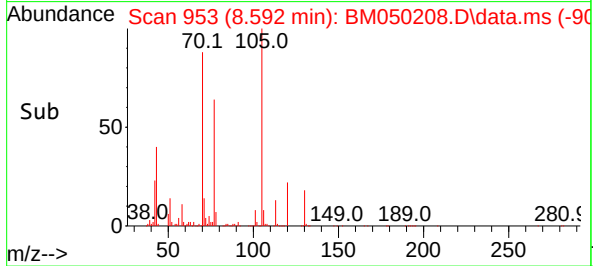
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 70 Resp: 66379
Ion Ratio Lower Upper
70 100
42 28.0 22.6 33.8
101 9.6 8.3 12.5
130 20.4 17.4 26.2

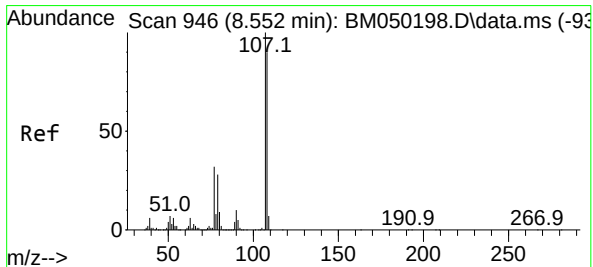
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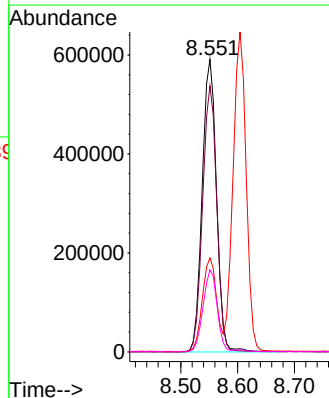
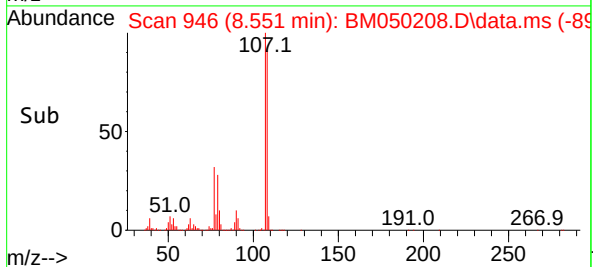
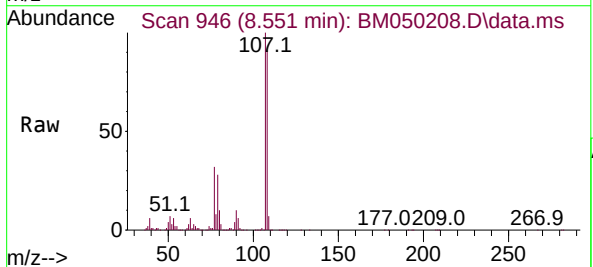
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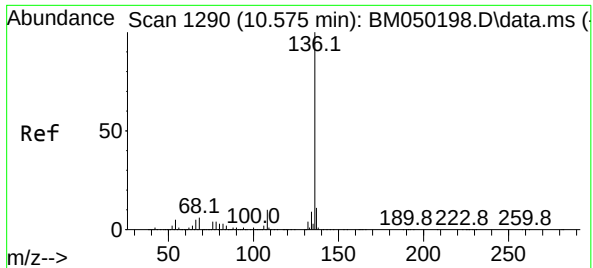
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#20
3+4-Methylphenols
Concen: 42.732 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

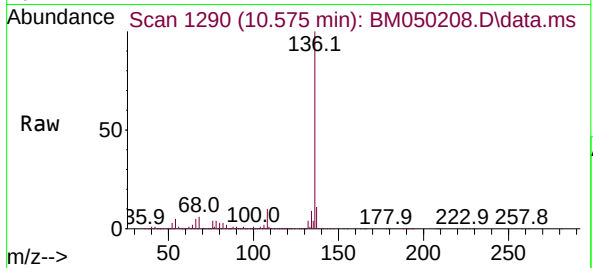
Tgt Ion:107 Resp: 1032399
Ion Ratio Lower Upper
107 100
108 91.0 70.4 110.4
77 32.1 12.2 52.2
79 28.0 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

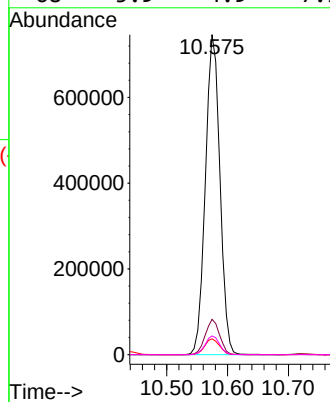
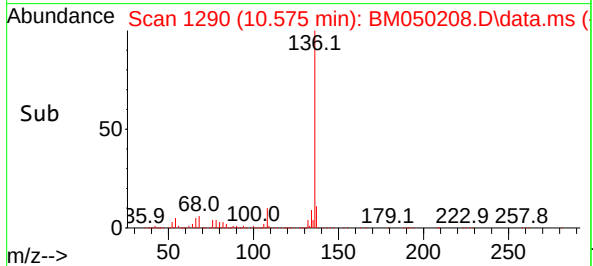
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:136 Resp: 1233278
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3

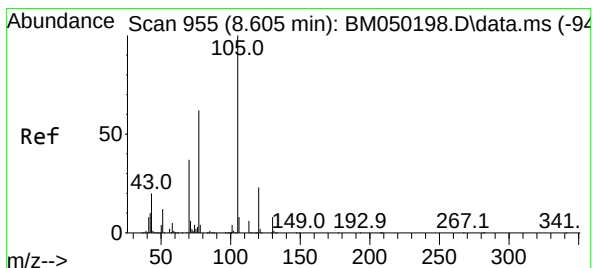
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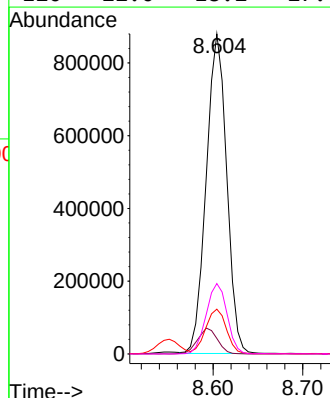
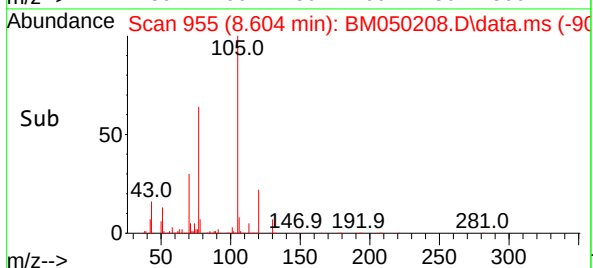
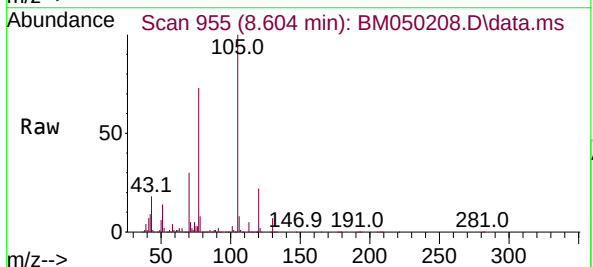
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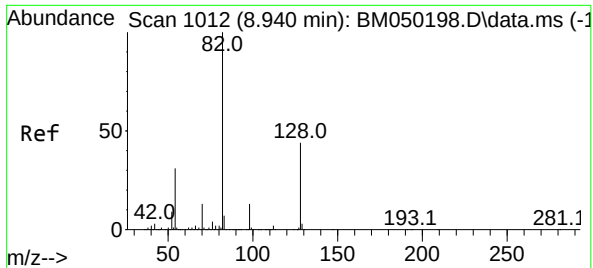
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#22
Acetophenone
Concen: 45.269 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

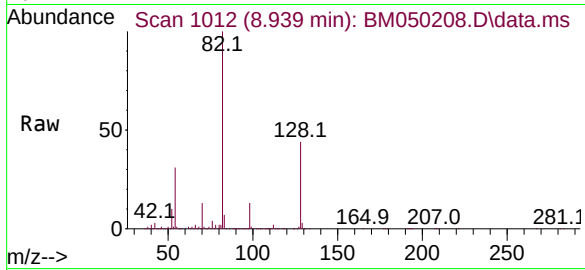
Tgt Ion:105 Resp: 1394781
Ion Ratio Lower Upper
105 100
71 4.8 5.0 7.4#
51 14.0 11.4 17.2
120 22.0 18.2 27.4





#23
Nitrobenzene-d5
Concen: 79.805 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

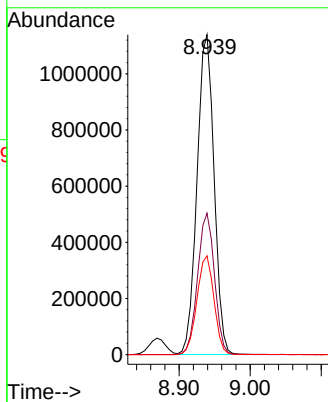
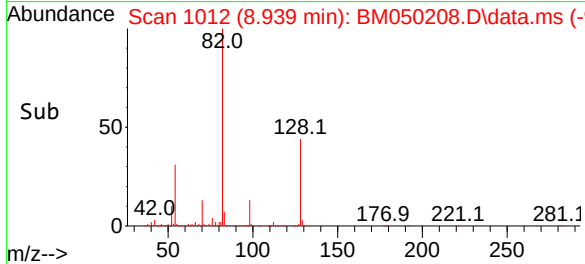
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 82 Resp: 1892436
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.9 24.5 36.7

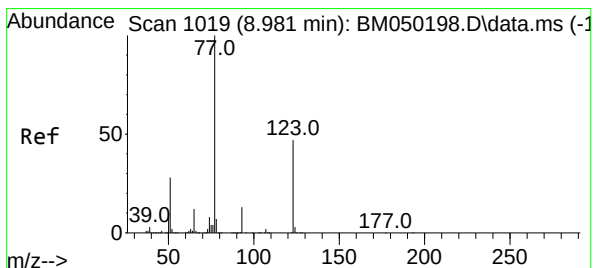
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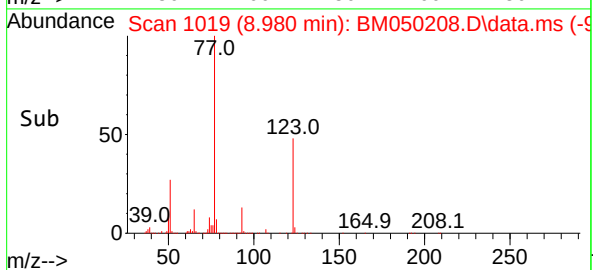
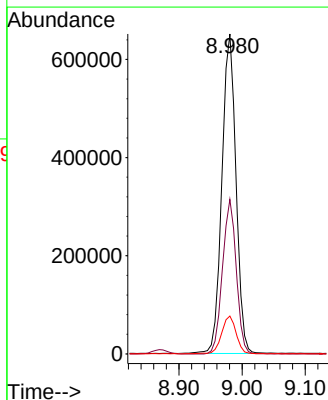
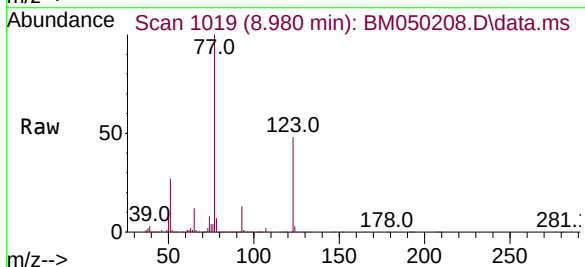
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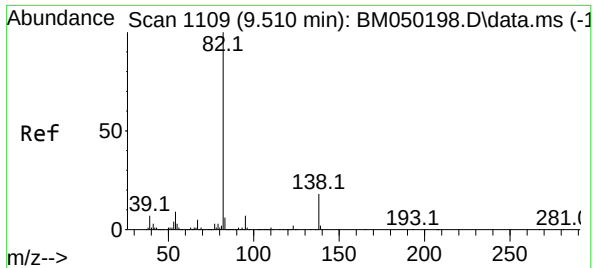
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#24
Nitrobenzene
Concen: 46.775 ng
RT: 8.980 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

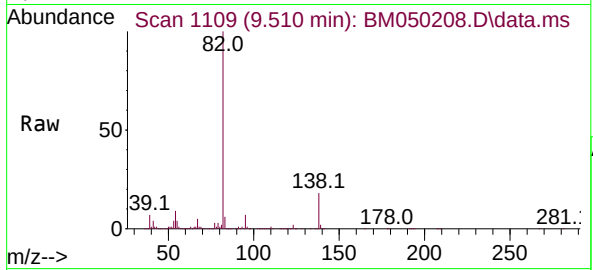
Tgt Ion: 77 Resp: 1008774
Ion Ratio Lower Upper
77 100
123 48.3 38.2 57.2
65 11.8 9.5 14.3





#25
Isophorone
Concen: 44.221 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

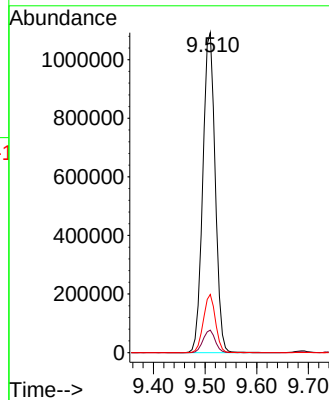
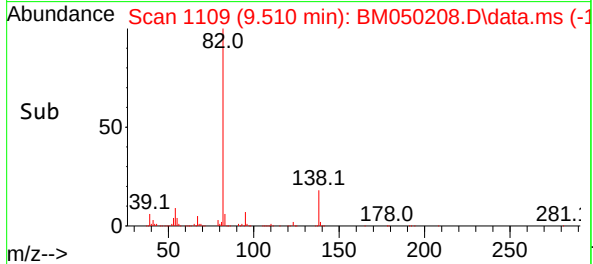
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 82 Resp: 1809915
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.2 21.2

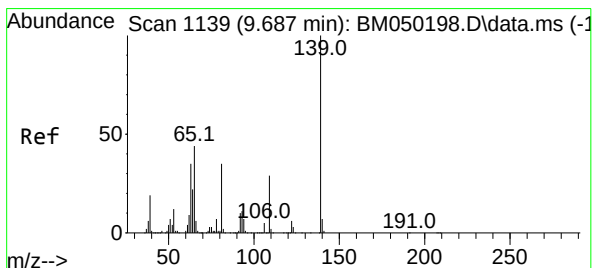
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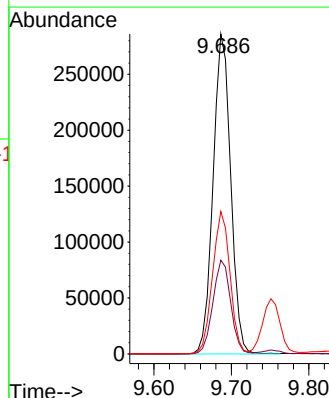
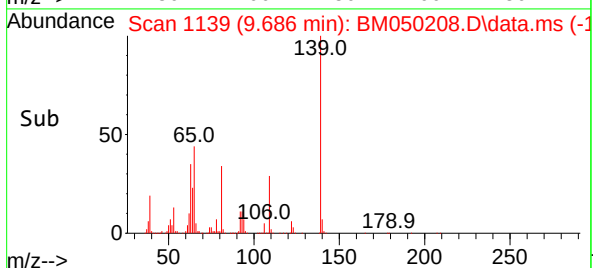
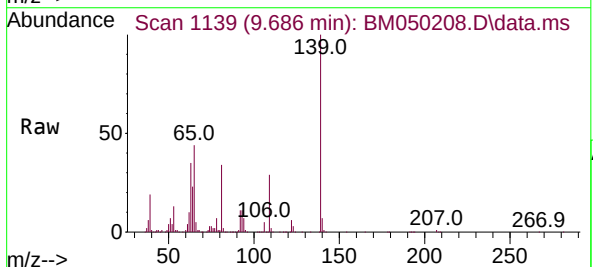
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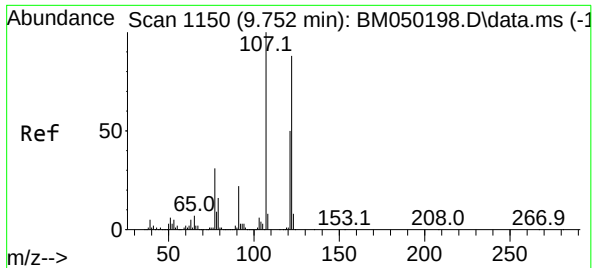
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#26
2-Nitrophenol
Concen: 48.560 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:139 Resp: 452068
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 44.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 44.991 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM050208.D

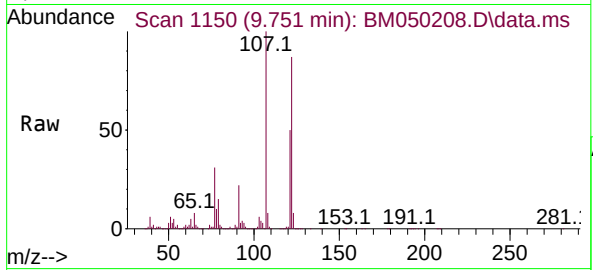
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:122 Resp: 860580

Ion Ratio Lower Upper

122 100

107 114.8 91.0 136.6

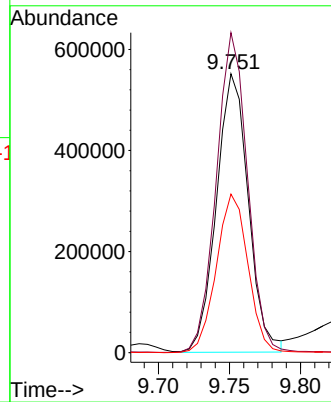
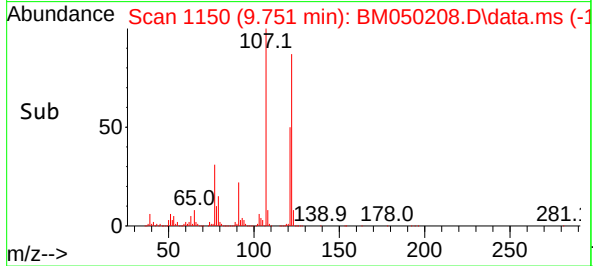
121 56.8 45.8 68.6

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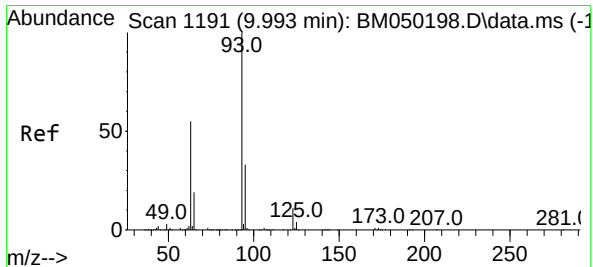
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#28

bis(2-Chloroethoxy)methane

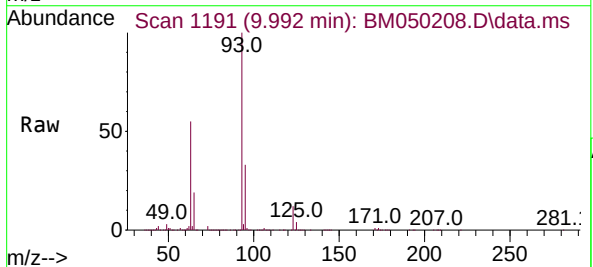
Concen: 44.601 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47



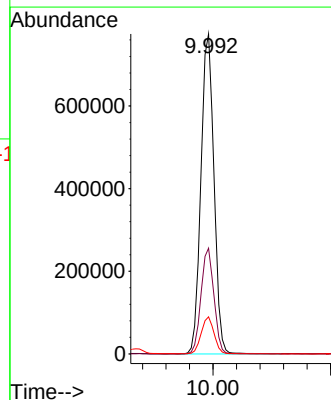
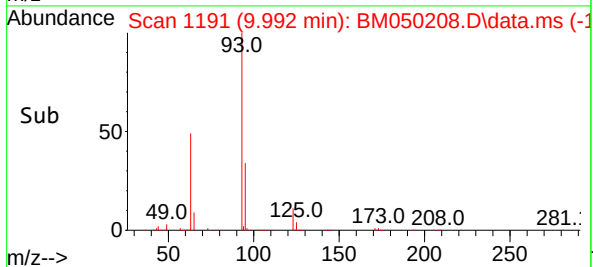
Tgt Ion: 93 Resp: 1192528

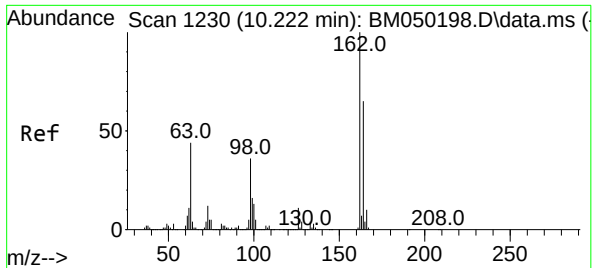
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

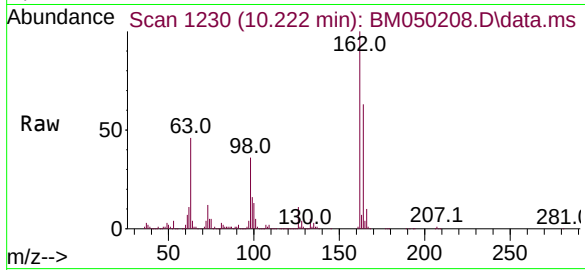
123 11.6 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 46.057 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

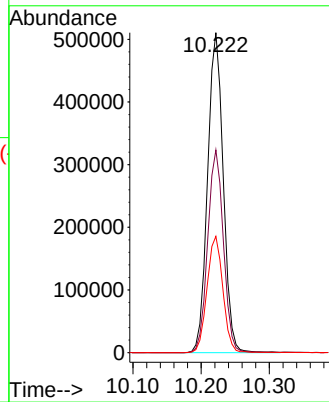
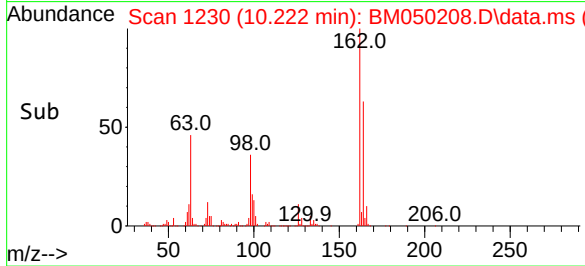
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:162 Resp: 815245
Ion Ratio Lower Upper
162 100
164 63.4 45.0 85.0
98 36.3 16.3 56.3

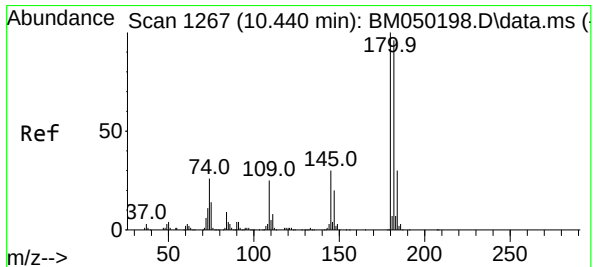
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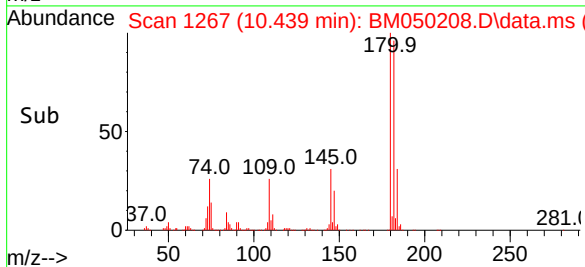
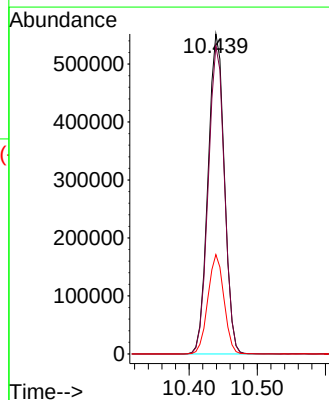
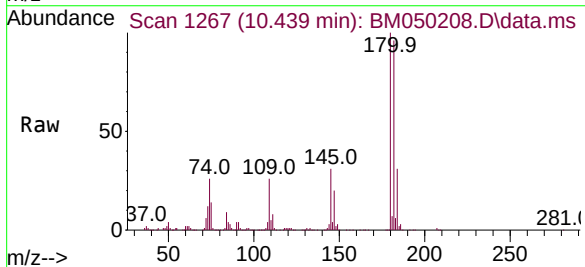
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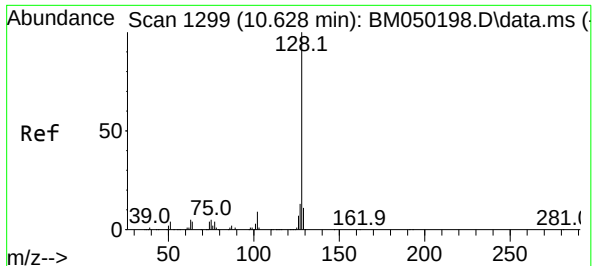
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#30
1,2,4-Trichlorobenzene
Concen: 46.614 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

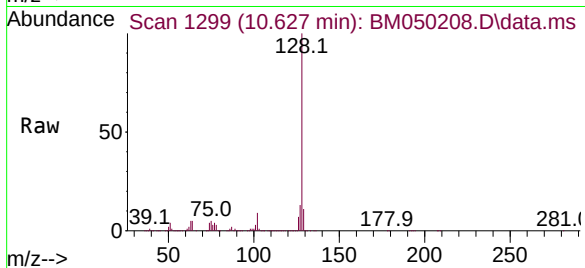
Tgt Ion:180 Resp: 918180
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 31.0 24.2 36.4





#31
Naphthalene
Concen: 44.581 ng
RT: 10.627 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

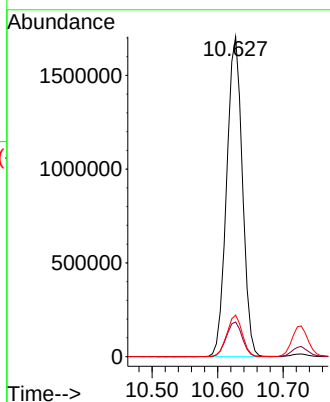
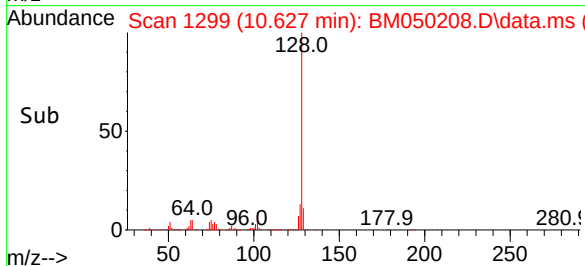
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:128 Resp: 2842640
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 10.2 15.4

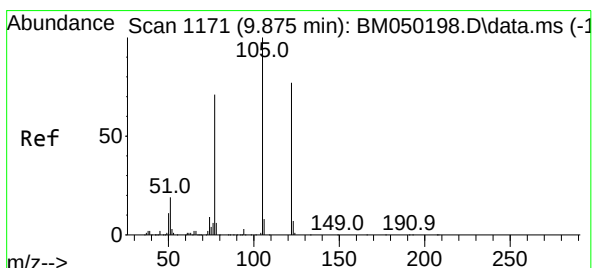
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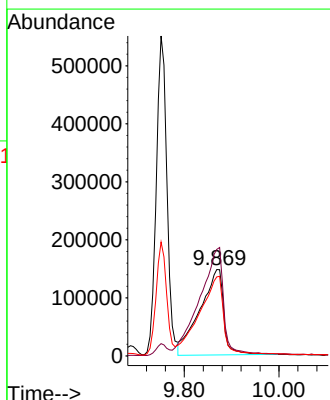
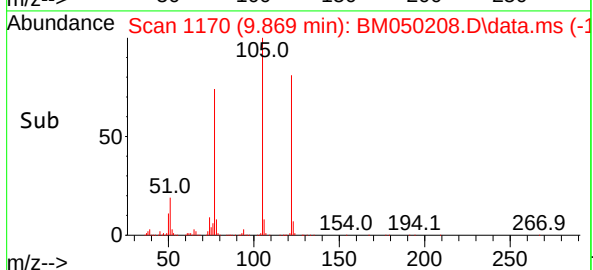
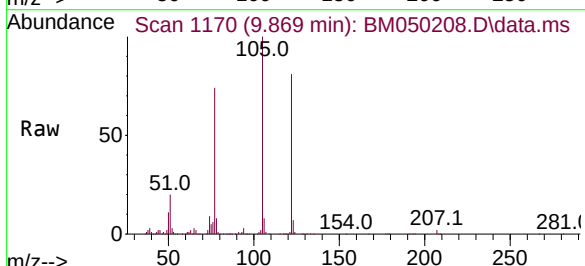
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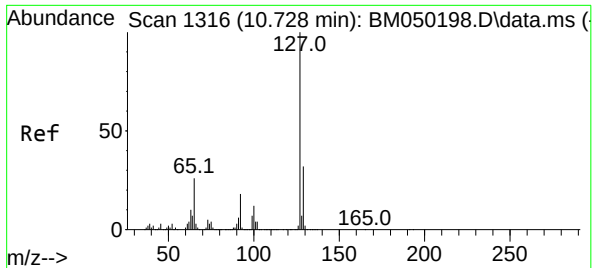
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#32
Benzoic acid
Concen: 42.831 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.047 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

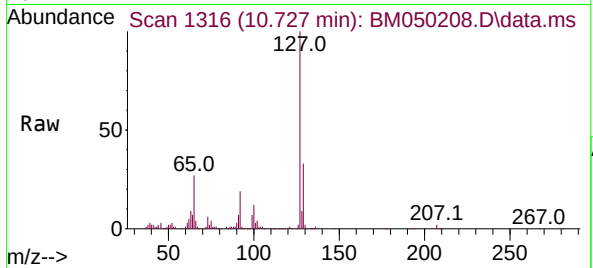
Tgt Ion:122 Resp: 514873
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 91.6 70.3 110.3





#33
4-Chloroaniline
Concen: 10.599 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

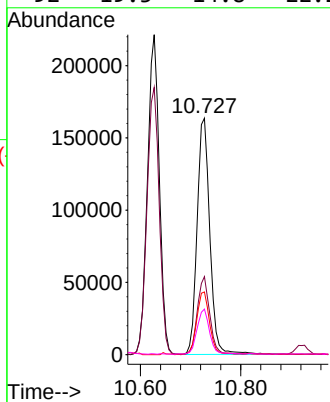
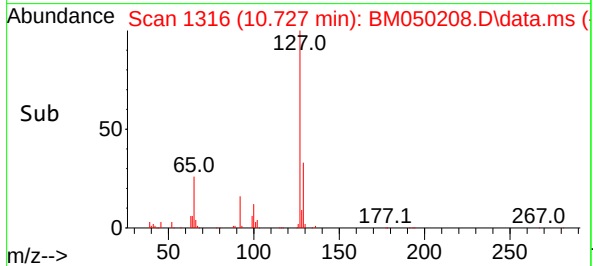
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:127 Resp: 288124
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.0
65 26.5 21.0 31.4
92 19.3 14.8 22.2

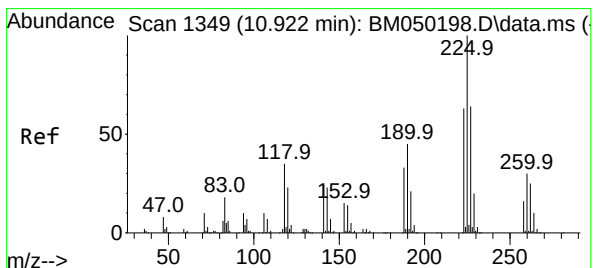
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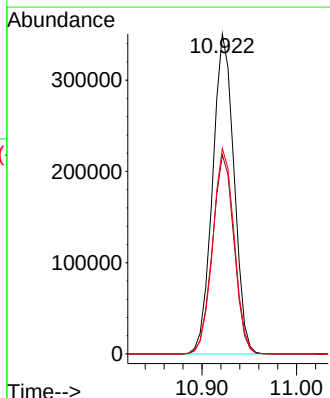
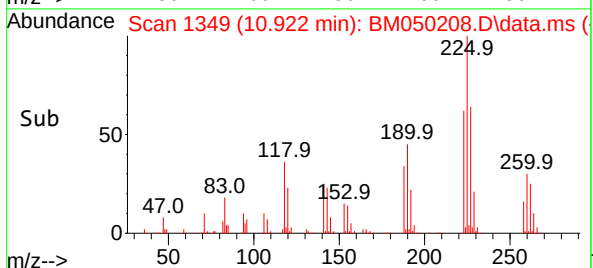
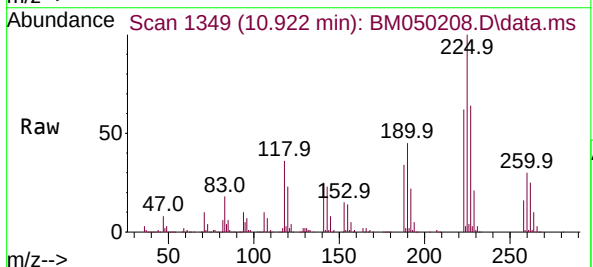
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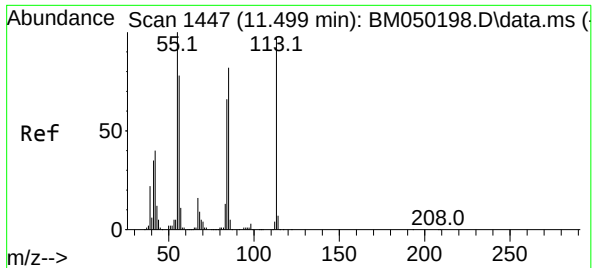
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#34
Hexachlorobutadiene
Concen: 47.004 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

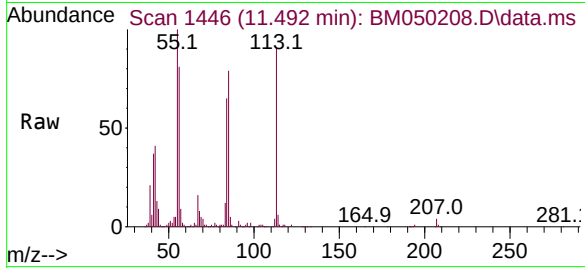
Tgt Ion:225 Resp: 550713
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 64.2 51.0 76.4





#35
Caprolactam
Concen: 40.649 ng
RT: 11.492 min Scan# 1447
Delta R.T. -0.030 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

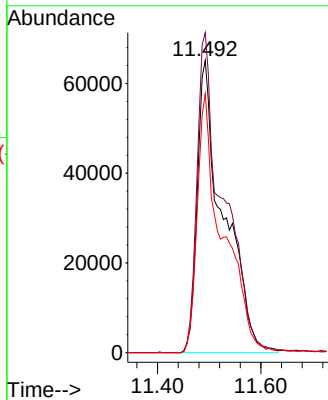
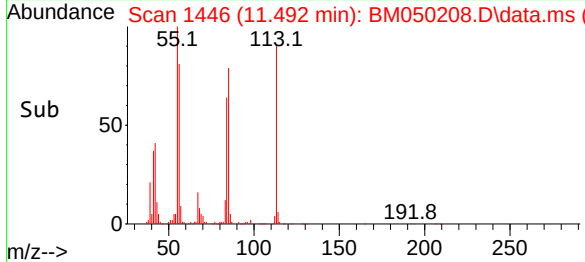
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:113 Resp: 228114
Ion Ratio Lower Upper
113 100
55 109.5 83.5 123.5
56 88.6 60.6 100.6

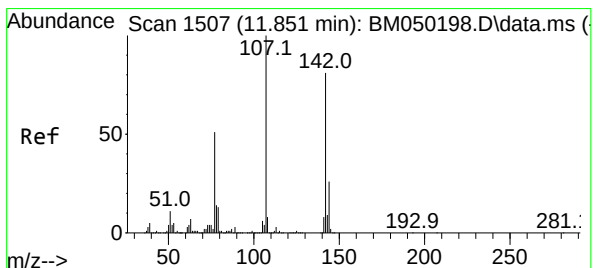
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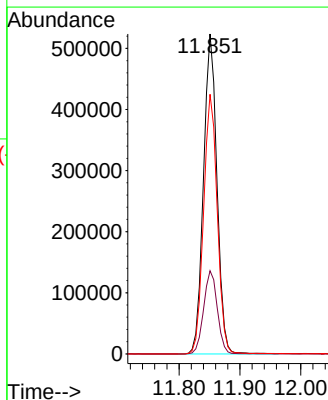
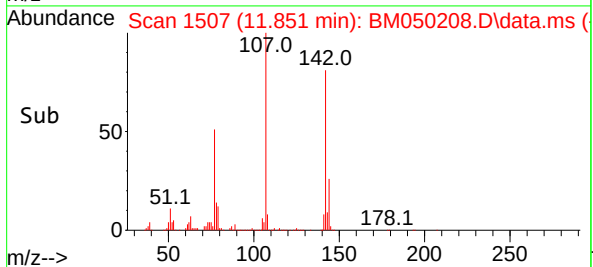
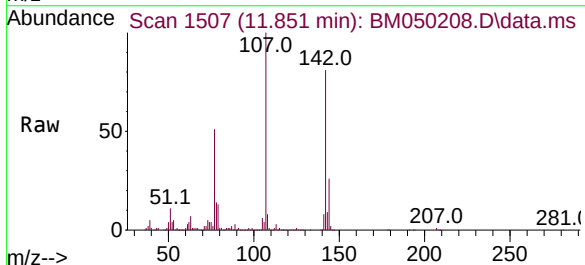
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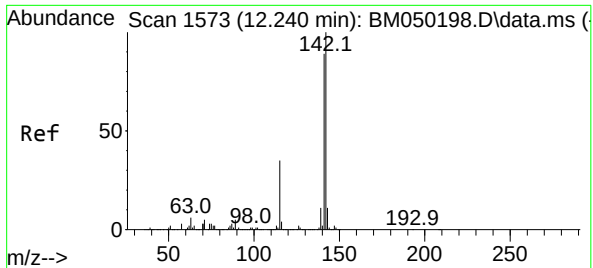
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#36
4-Chloro-3-methylphenol
Concen: 42.515 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

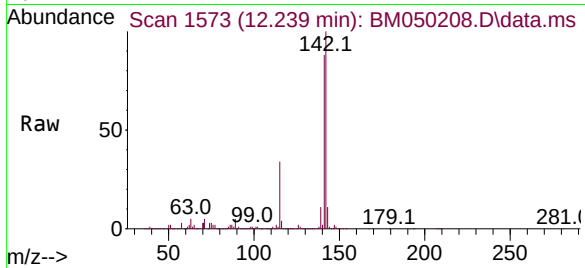
Tgt Ion:107 Resp: 803016
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 81.1 64.8 97.2





#37
2-Methylnaphthalene
Concen: 44.131 ng
RT: 12.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

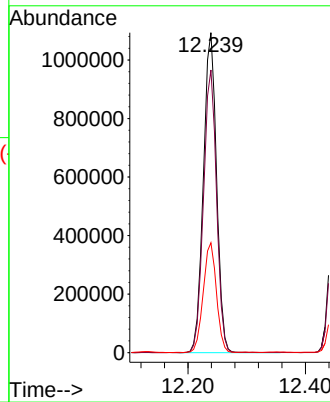
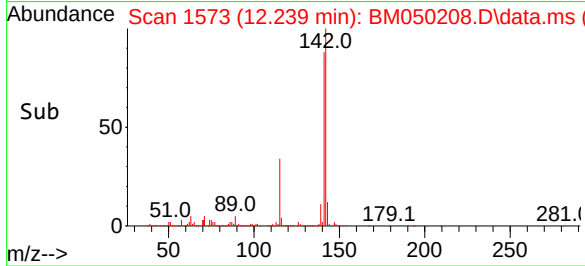
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:142 Resp: 169757
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3
115 34.4 27.8 41.8

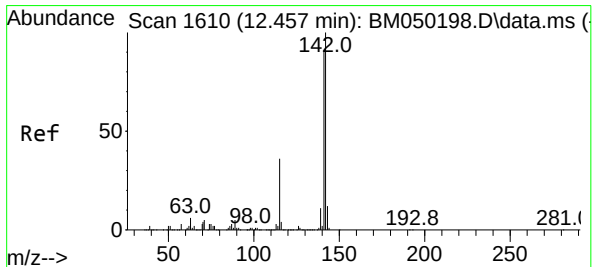
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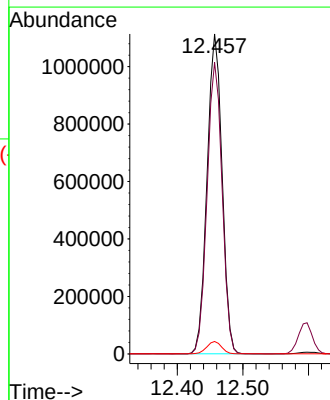
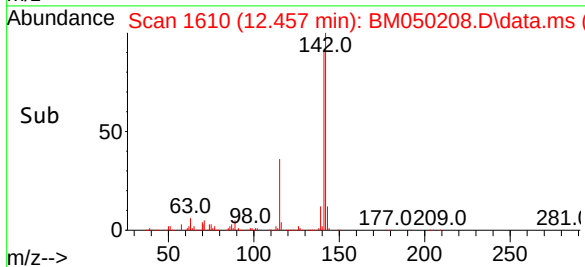
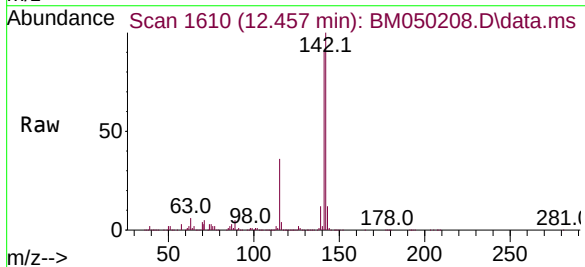
06/09/2025
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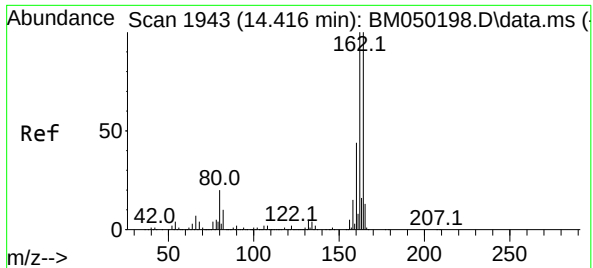
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#38
1-Methylnaphthalene
Concen: 43.235 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

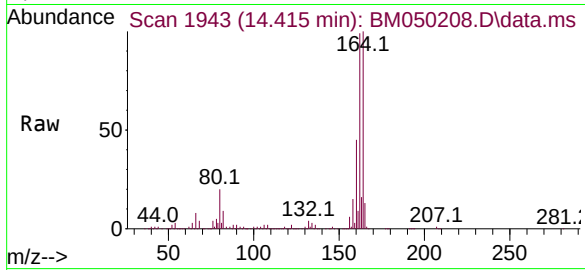
Tgt Ion:142 Resp: 1765176
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

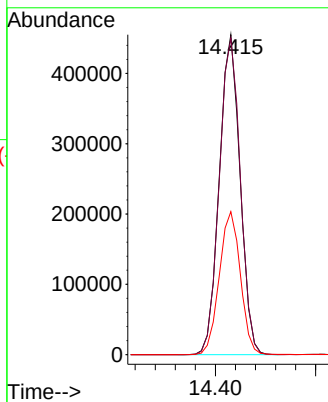
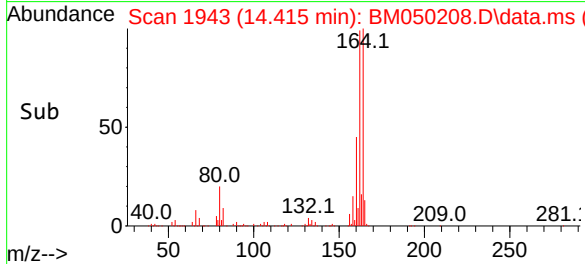
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:164 Resp: 655553
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 44.7 35.7 53.5

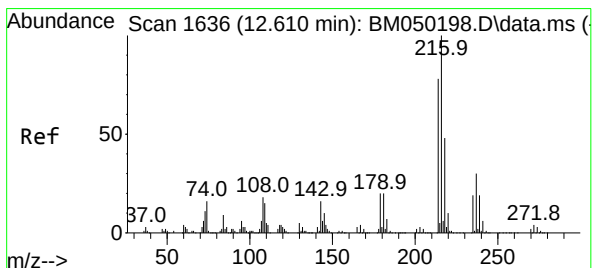
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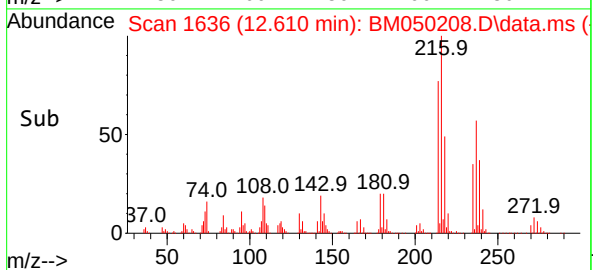
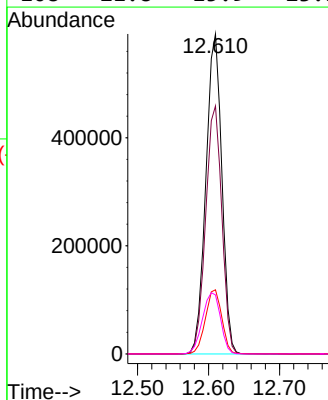
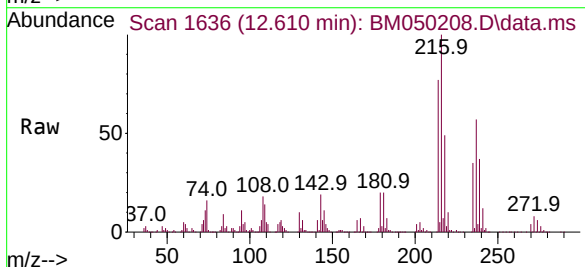
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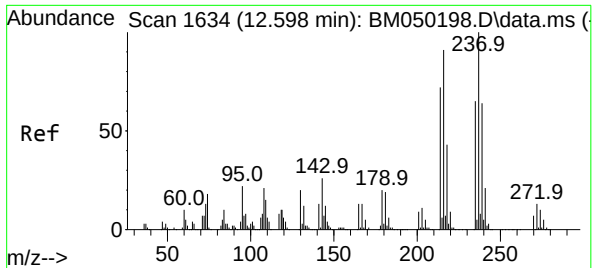
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.593 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

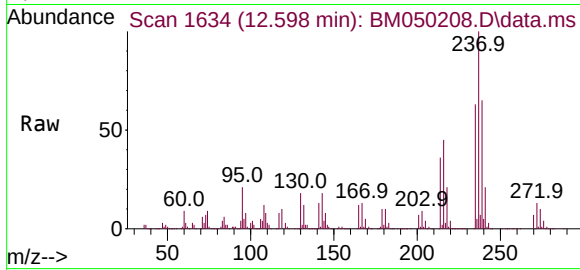
Tgt Ion:216 Resp: 919860
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 16.6 25.0
108 21.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 108.441 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

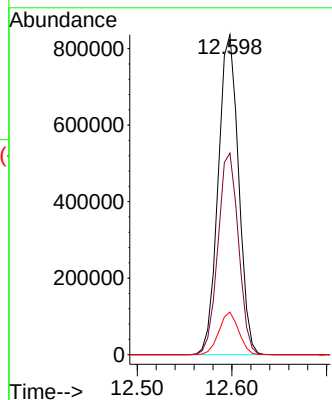
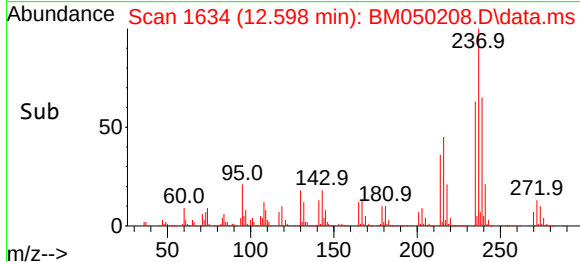
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 237 Resp: 124664
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.3 0.0 33.1

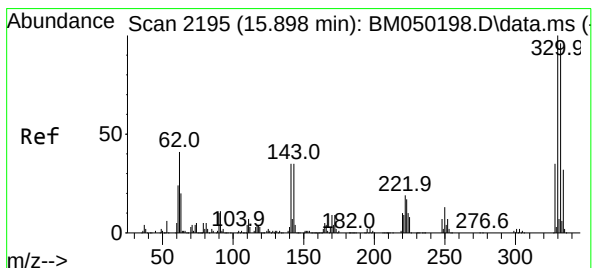
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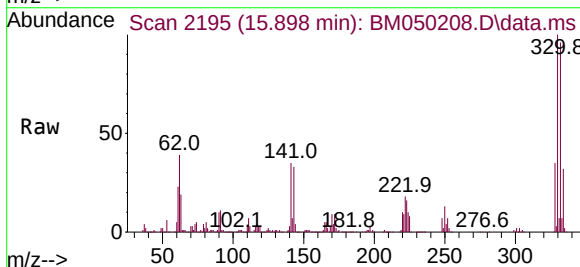


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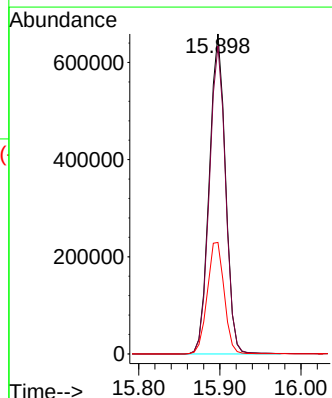
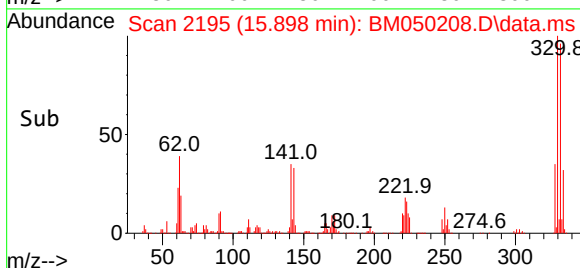
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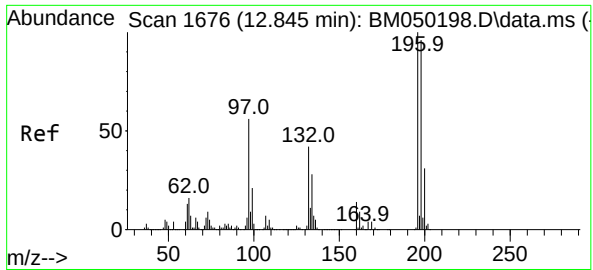


#42
2,4,6-Tribromophenol
Concen: 122.706 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



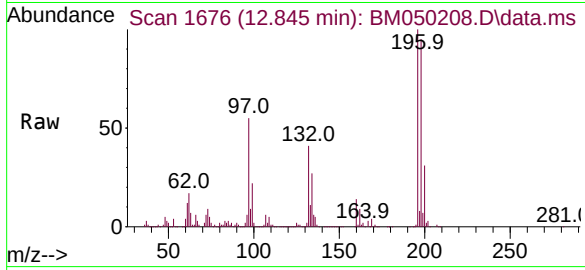
Tgt Ion: 330 Resp: 914951
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 36.3 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 47.918 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

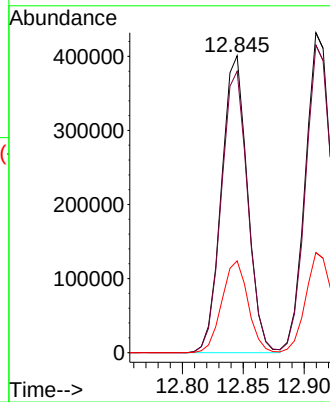
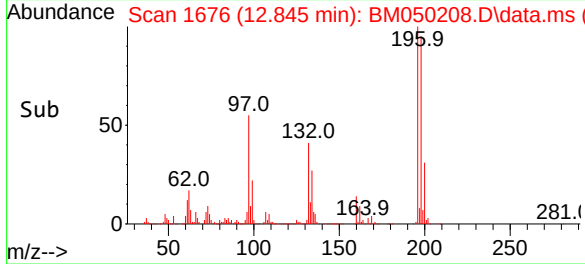
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:196 Resp: 596512
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 30.9 24.5 36.7

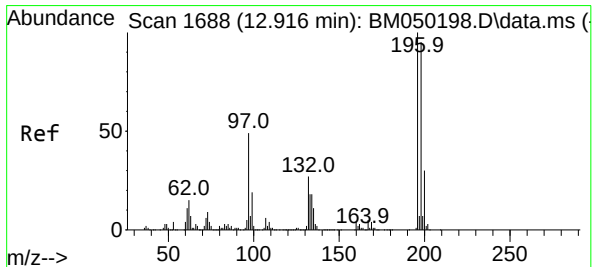
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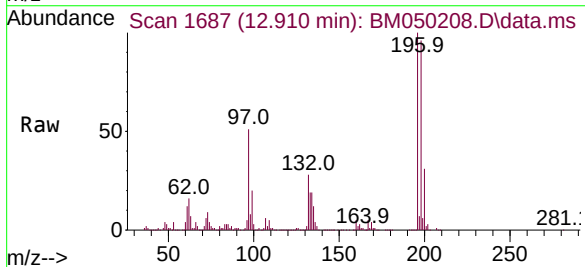


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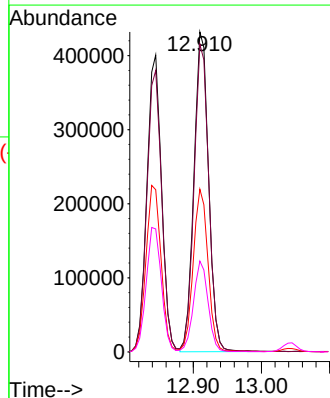
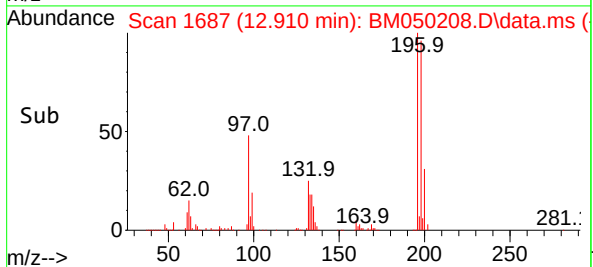
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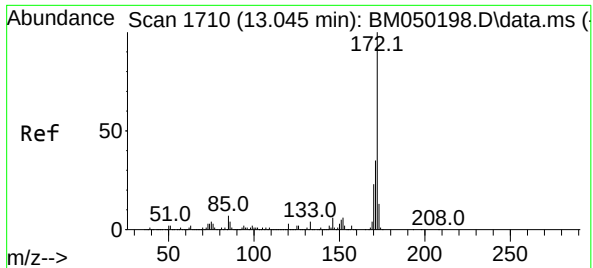


#44
2,4,5-Trichlorophenol
Concen: 47.413 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



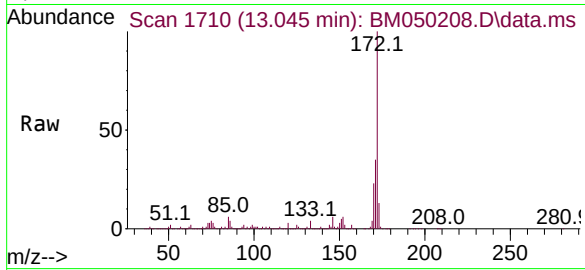
Tgt Ion:196 Resp: 648023
Ion Ratio Lower Upper
196 100
198 96.1 76.1 114.1
97 50.8 39.3 58.9
132 28.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 80.174 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

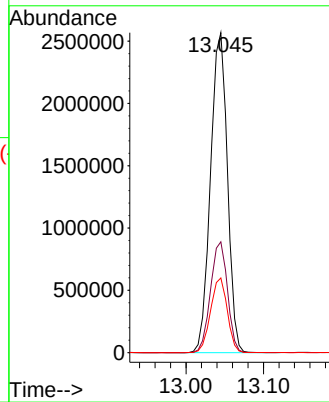
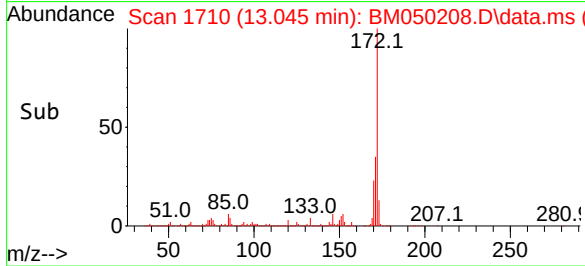
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:172 Resp: 3882156
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8

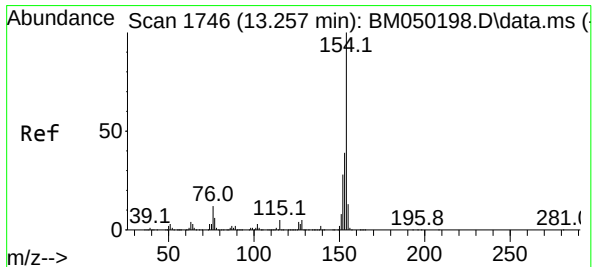
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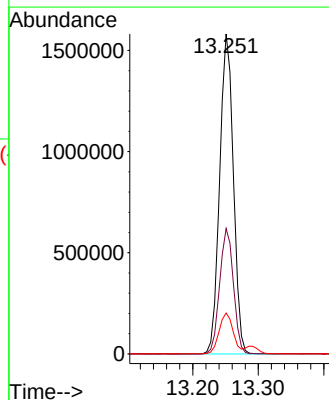
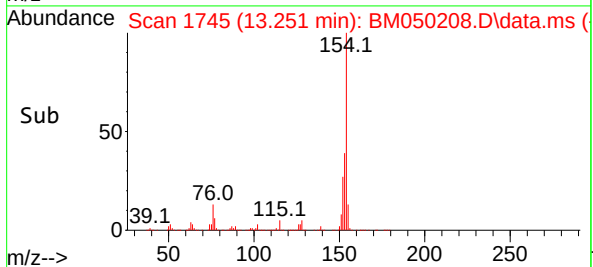
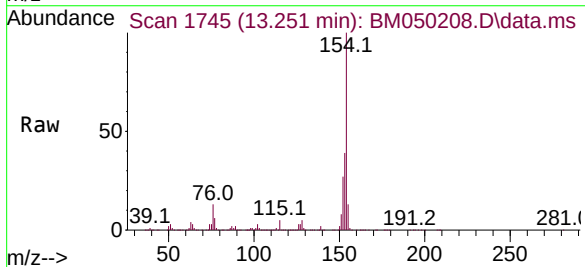
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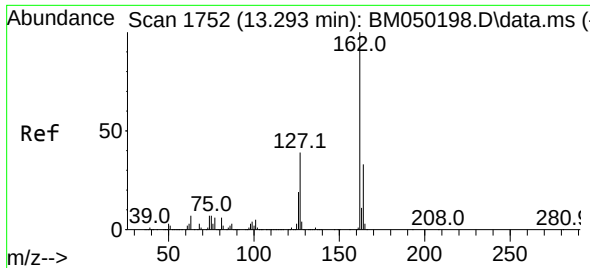
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#46
1,1'-Biphenyl
Concen: 46.912 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

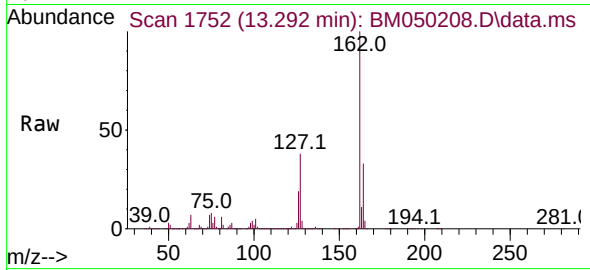
Tgt Ion:154 Resp: 2302794
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 12.8 0.0 32.0





#47
2-Chloronaphthalene
Concen: 46.527 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

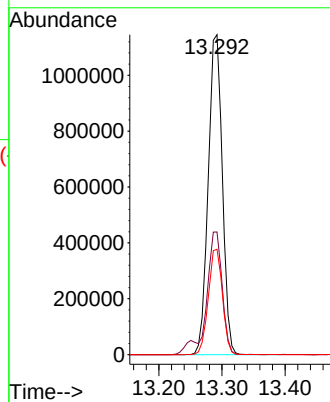
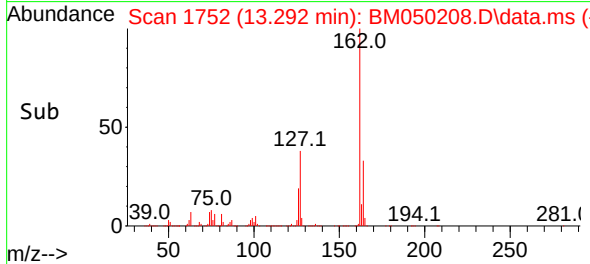
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:162 Resp: 1775566
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 32.9 26.5 39.7

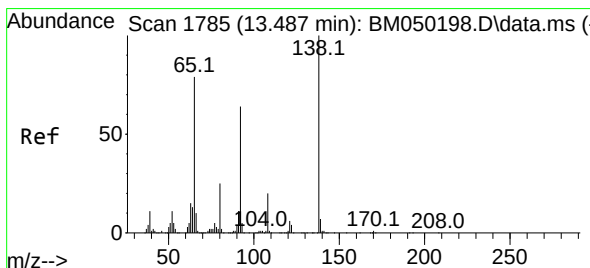
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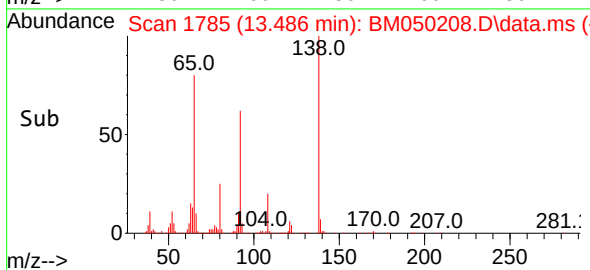
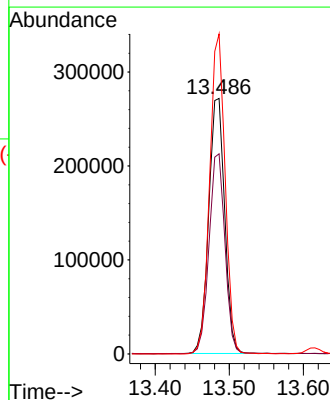
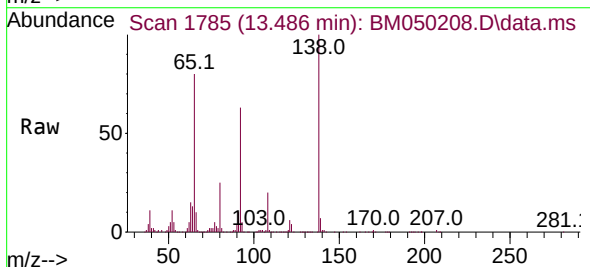
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Supervised By :Jagrut
Upadhyay

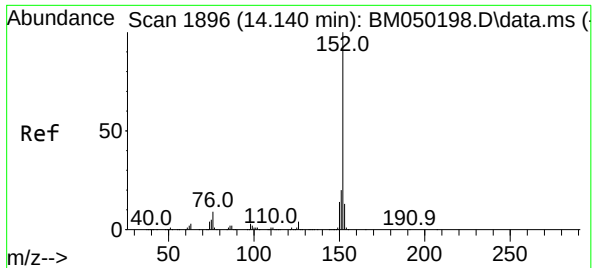
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#48
2-Nitroaniline
Concen: 48.358 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion: 65 Resp: 406112
Ion Ratio Lower Upper
65 100
92 78.3 64.2 96.4
138 125.3 101.0 151.4





#49

Acenaphthylene

Concen: 46.075 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BM050208.D

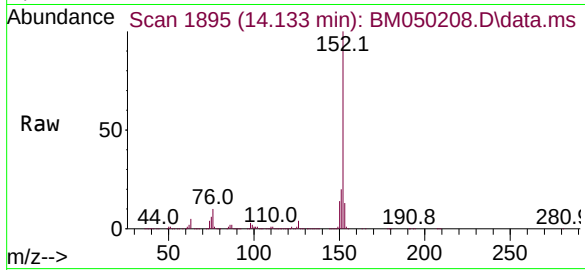
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:152 Resp: 2844003

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

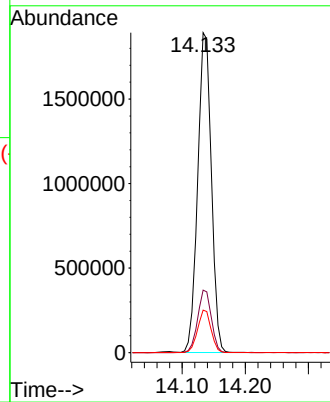
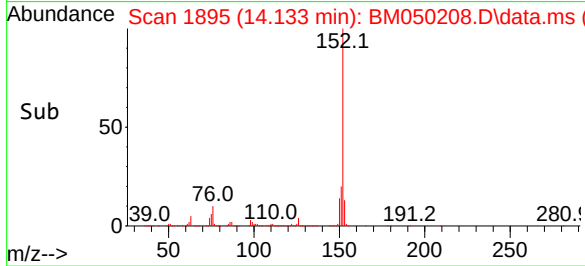
153 13.3 10.4 15.6

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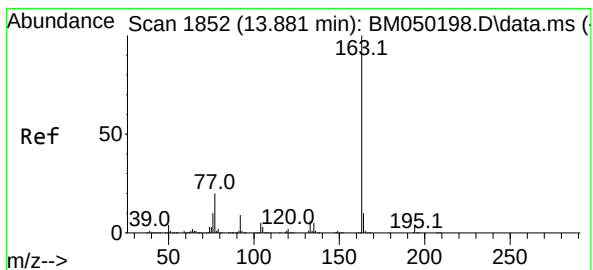
APPROVED

Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

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Supervised By :Jagrut
Upadhyay

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#50

Dimethylphthalate

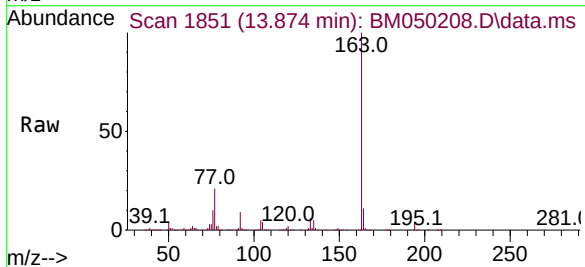
Concen: 44.618 ng

RT: 13.874 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47



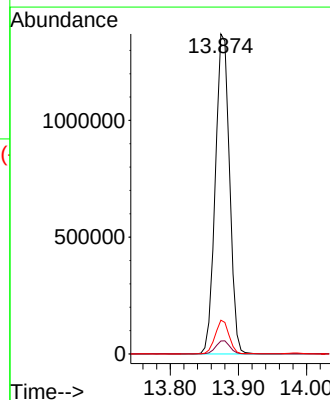
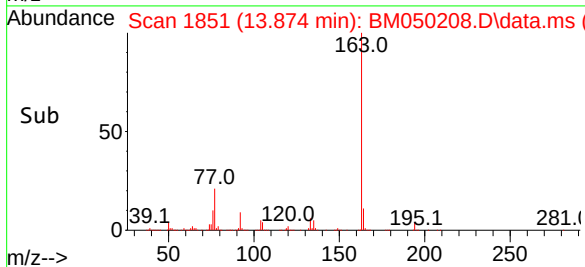
Tgt Ion:163 Resp: 1978120

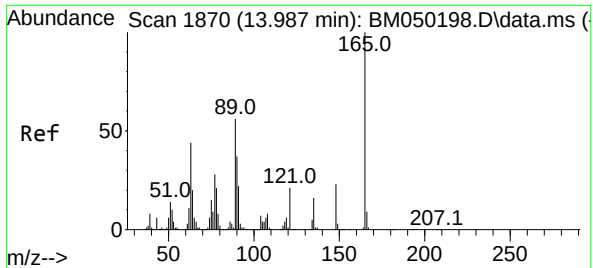
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 7.9 11.9





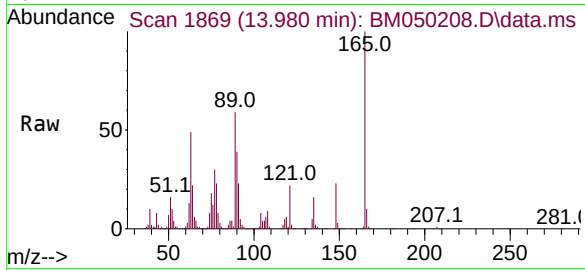
#51
2,6-Dinitrotoluene
Concen: 47.597 ng
RT: 13.980 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



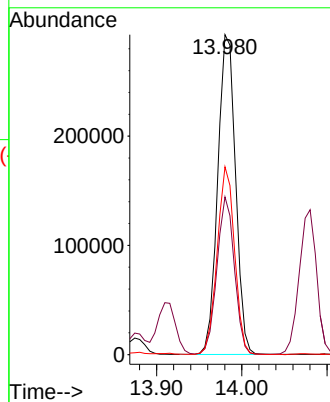
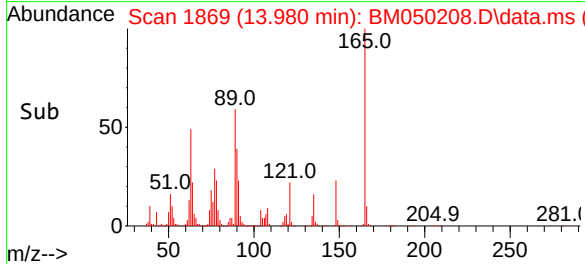
Tgt Ion:165 Resp: 425559
Ion Ratio Lower Upper
165 100
63 49.3 35.8 53.6
89 58.7 44.8 67.2

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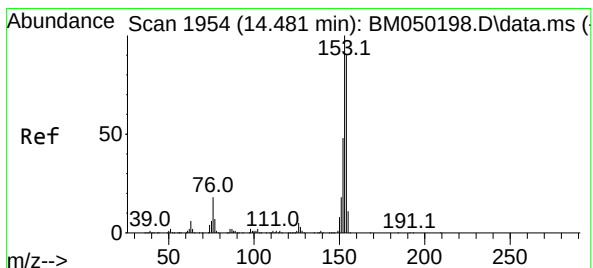
Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025



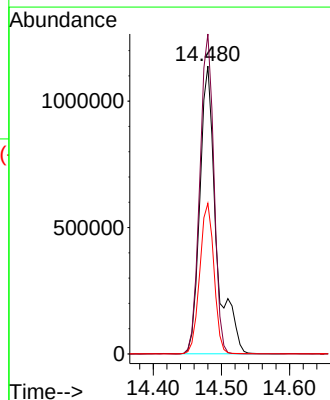
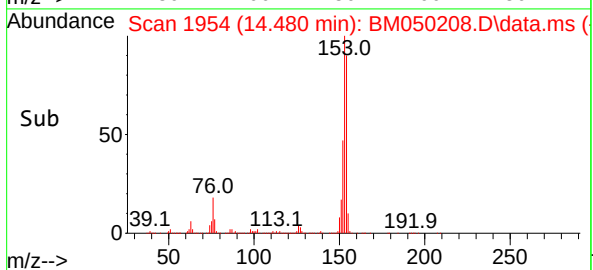
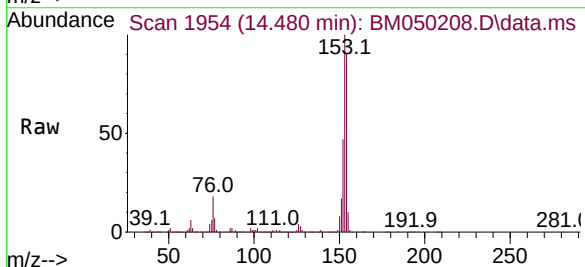
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Supervised By :Jagrut
Upadhyay

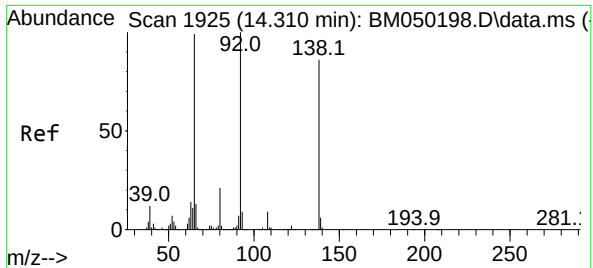
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#52
Acenaphthene
Concen: 49.367 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

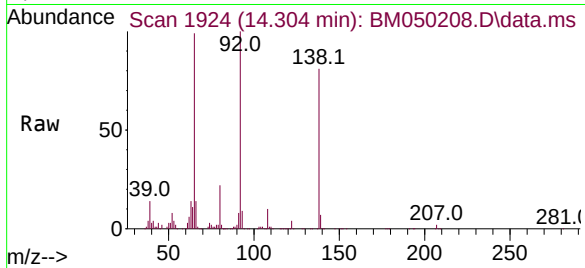
Tgt Ion:154 Resp: 1905934
Ion Ratio Lower Upper
154 100
153 111.2 88.7 133.1
152 52.3 42.6 63.8





#53
3-Nitroaniline
Concen: 18.090 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

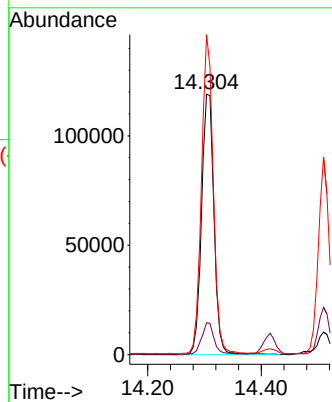
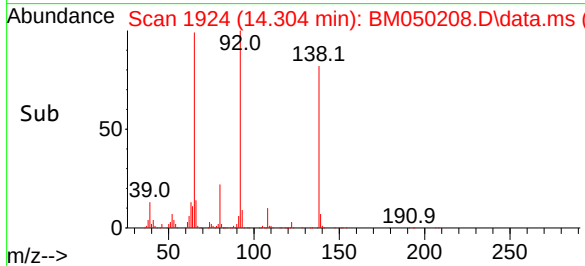
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:138 Resp: 180262
Ion Ratio Lower Upper
138 100
108 12.3 8.8 13.2
92 122.9 92.9 139.3

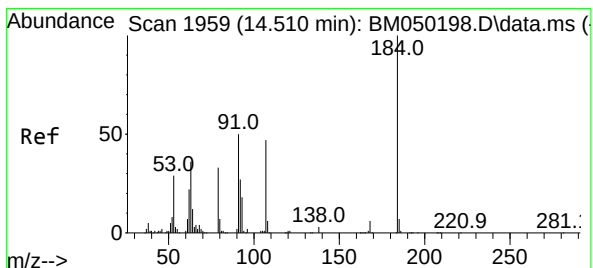
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Supervised By :Jagrut Upadhyay 06/09/2025



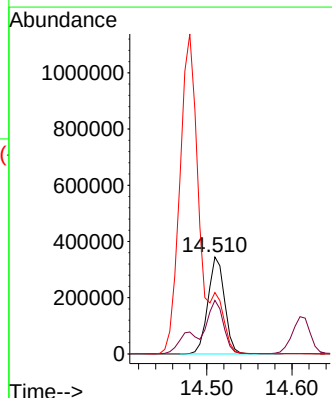
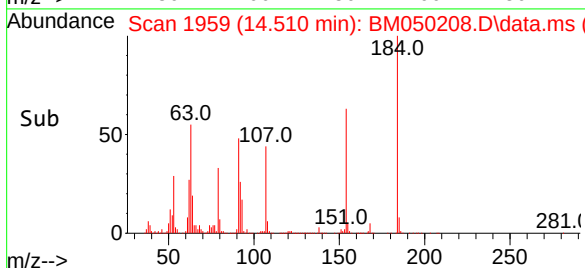
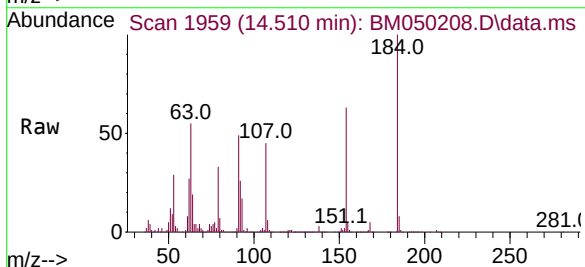
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Upadhyay

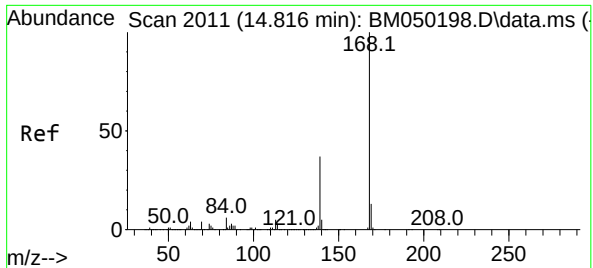
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#54
2,4-Dinitrophenol
Concen: 90.070 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

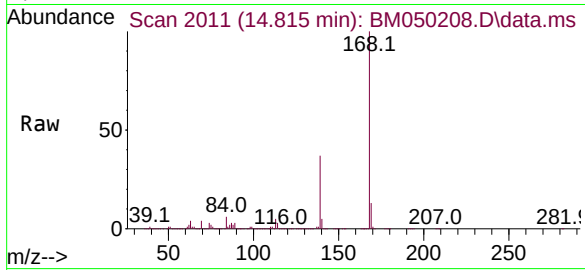
Tgt Ion:184 Resp: 466278
Ion Ratio Lower Upper
184 100
63 55.3 45.3 67.9
154 63.4 54.3 81.5





#55
Dibenzenofuran
Concen: 44.778 ng
RT: 14.815 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

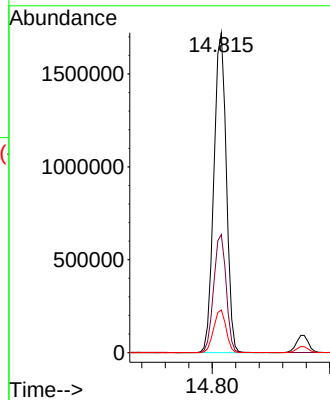
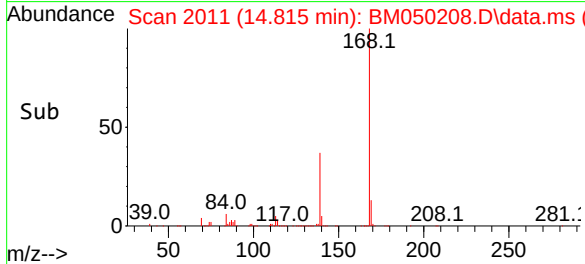
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:168 Resp: 2529176
Ion Ratio Lower Upper
168 100
139 36.9 29.9 44.9
169 13.3 10.6 16.0

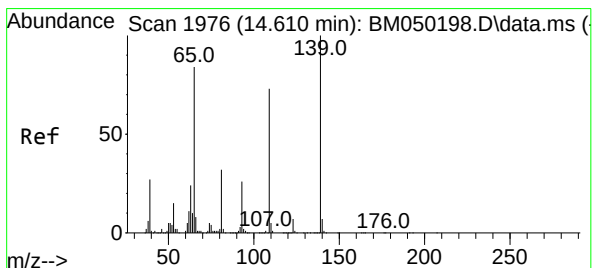
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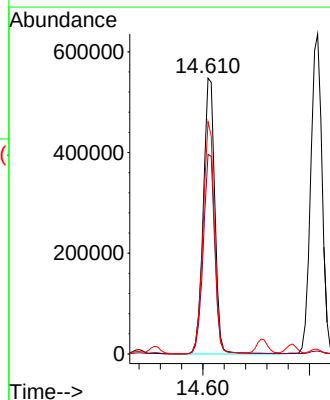
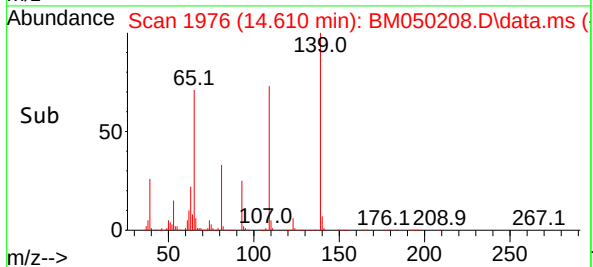
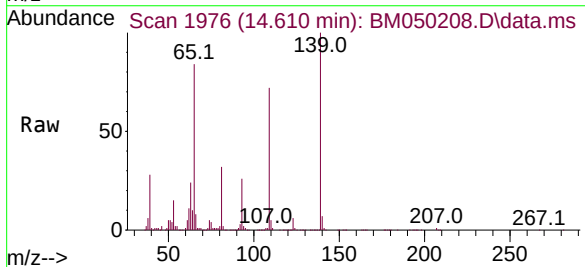
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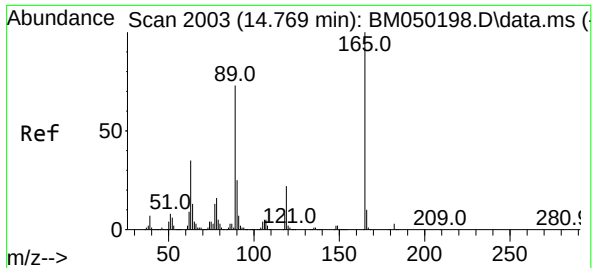
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#56
4-Nitrophenol
Concen: 96.500 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:139 Resp: 818441
Ion Ratio Lower Upper
139 100
109 72.3 52.6 92.6
65 84.1 64.3 104.3





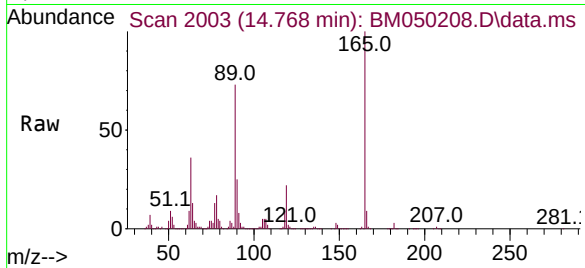
#57
2,4-Dinitrotoluene
Concen: 49.396 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



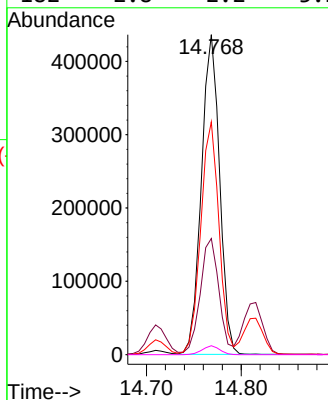
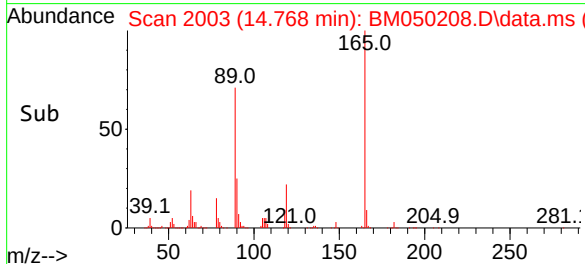
Tgt Ion:165 Resp: 582583
Ion Ratio Lower Upper
165 100
63 36.3 28.4 42.6
89 72.7 58.0 87.0
182 2.8 2.2 3.2

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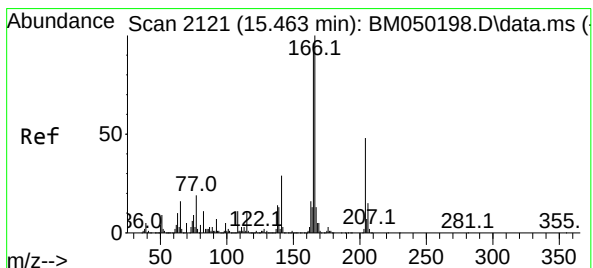
Reviewed By :Rahul Chavli 06/09/2025

Supervised By :Jagrut Upadhyay 06/09/2025

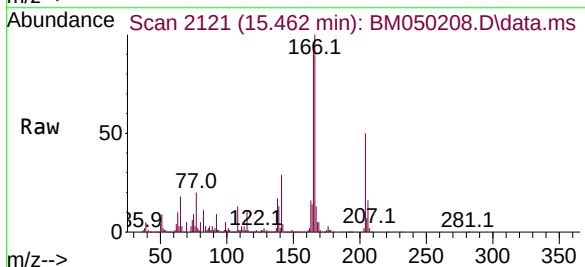


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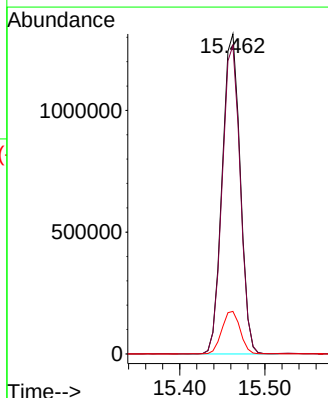
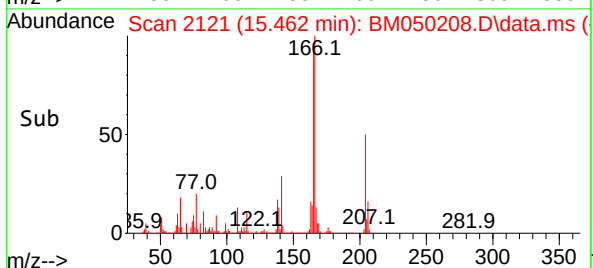
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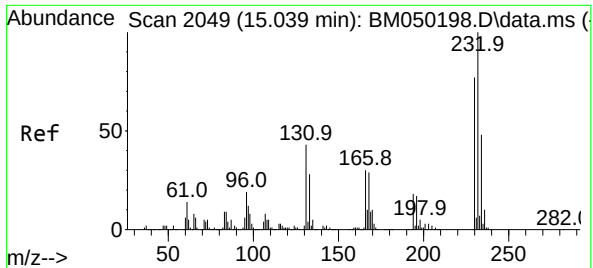


#58
Fluorene
Concen: 44.461 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



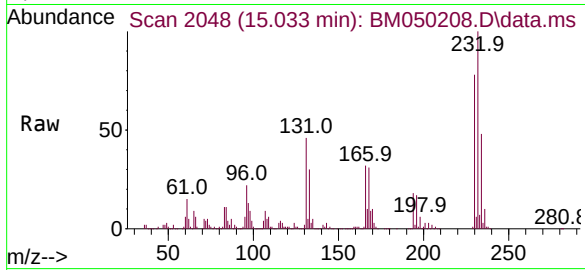
Tgt Ion:166 Resp: 1923441
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.625 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

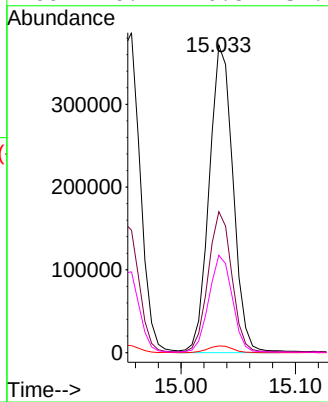
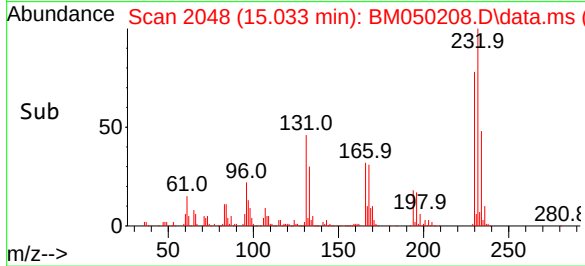
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:232 Resp: 53952
Ion Ratio Lower Upper
232 100
131 41.3 32.9 49.3
130 2.4 1.8 2.8
166 26.2 20.8 31.2

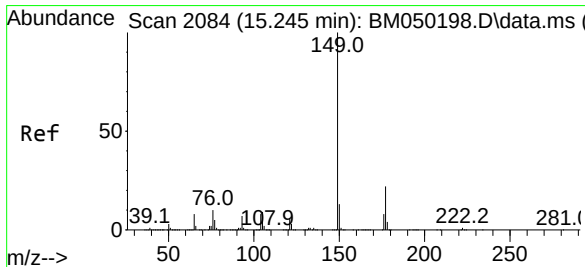
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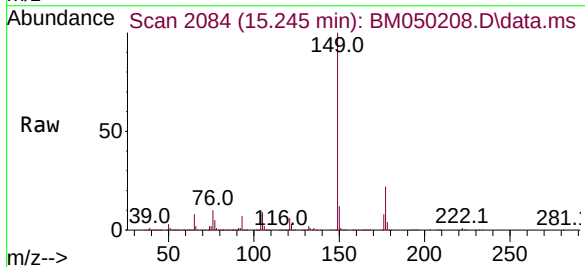


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Upadhyay

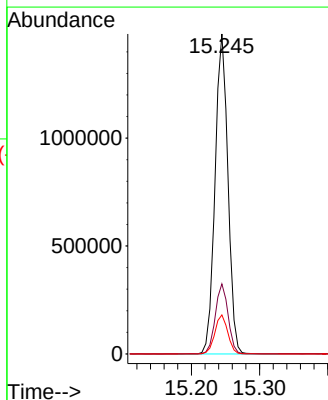
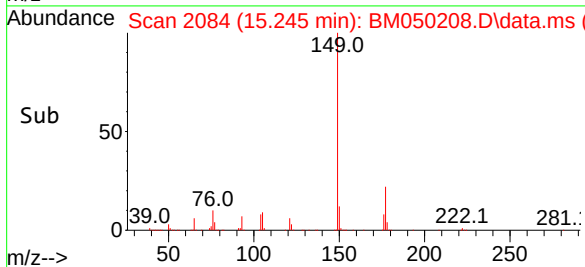
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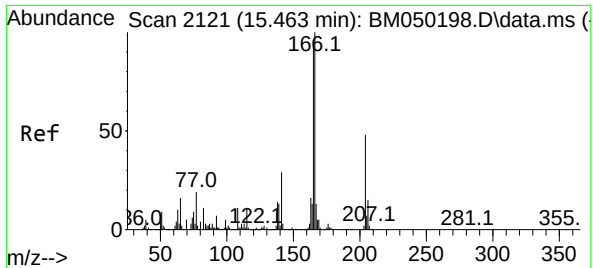


#60
Diethylphthalate
Concen: 43.945 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



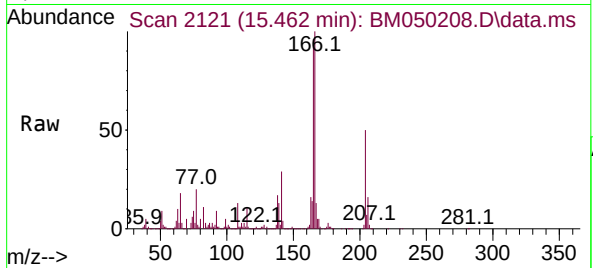
Tgt Ion:149 Resp: 1933121
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.414 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

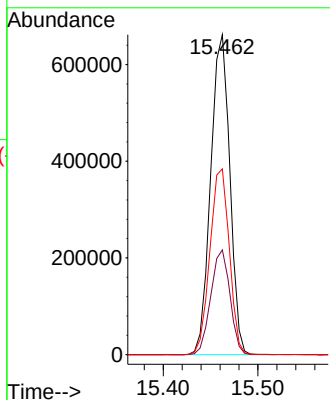
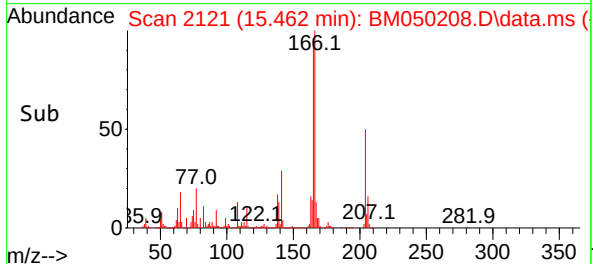
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:204 Resp: 928607
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 58.0 47.9 71.9

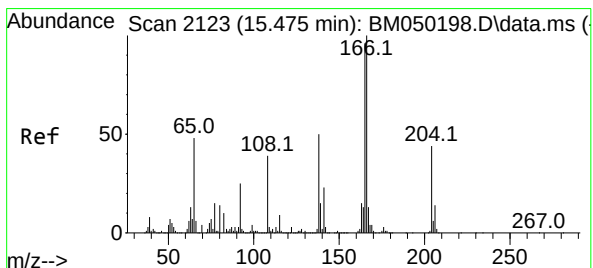
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Supervised By :Jagrut Upadhyay 06/09/2025



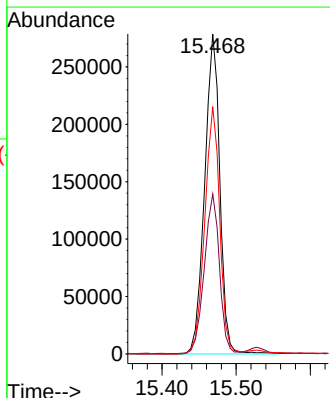
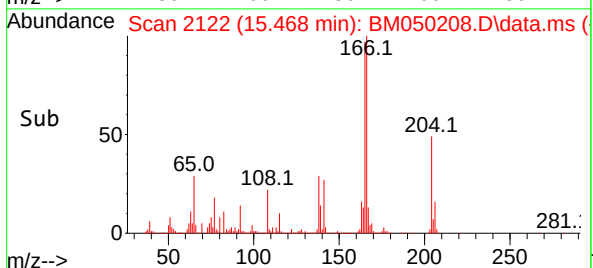
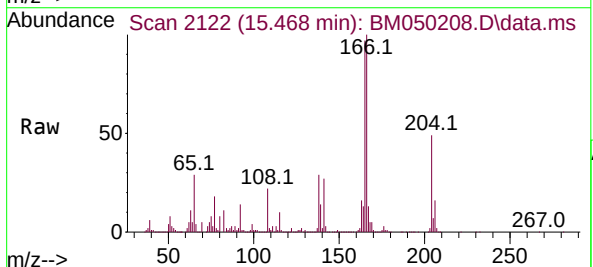
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Supervised By :Jagrut
Upadhyay

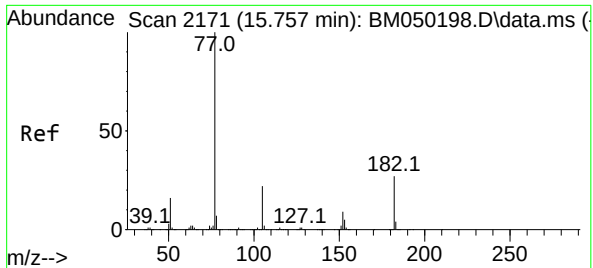
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#62
4-Nitroaniline
Concen: 42.346 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

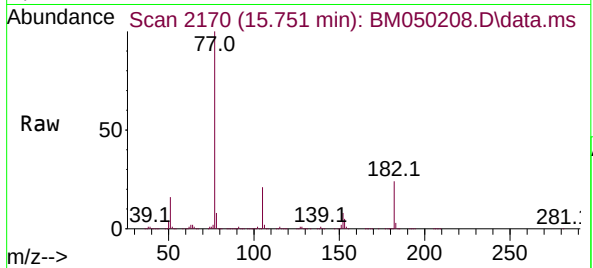
Tgt Ion:138 Resp: 395494
Ion Ratio Lower Upper
138 100
92 50.0 28.8 68.8
108 77.3 58.1 98.1





#63
Azobenzene
Concen: 44.381 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

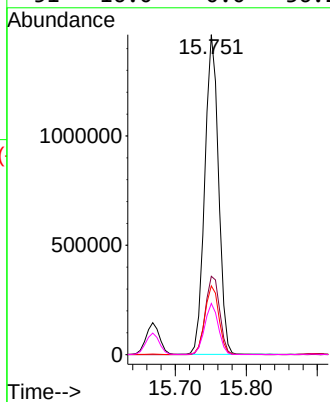
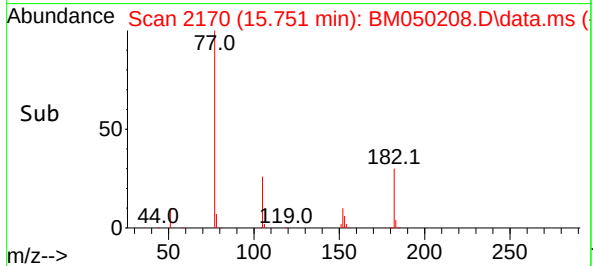
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion: 77 Resp: 1951359
Ion Ratio Lower Upper
77 100
182 24.5 6.8 46.8
105 21.5 1.7 41.7
51 16.0 0.0 36.2

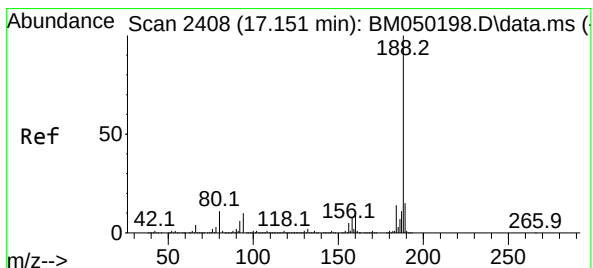
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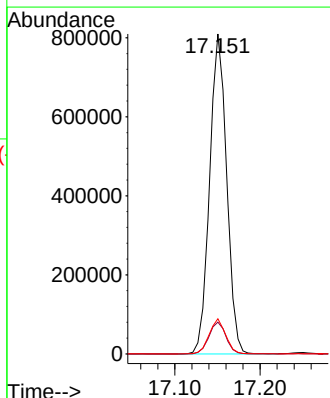
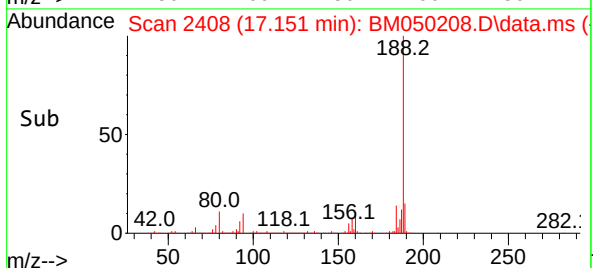
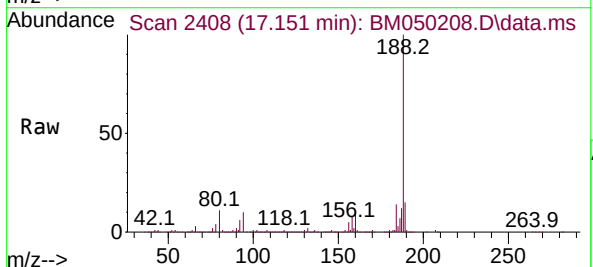
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Upadhyay

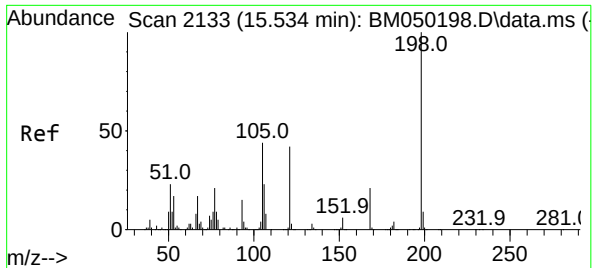
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

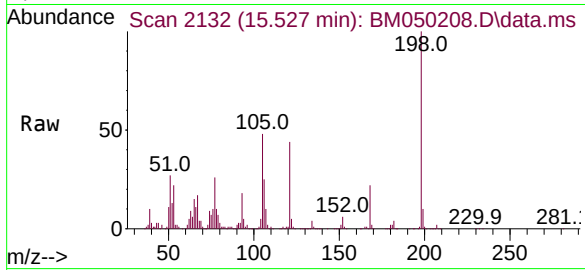
Tgt Ion:188 Resp: 1123564
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.665 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

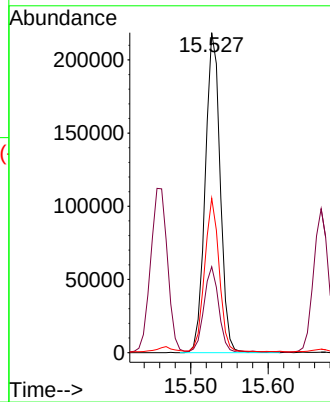
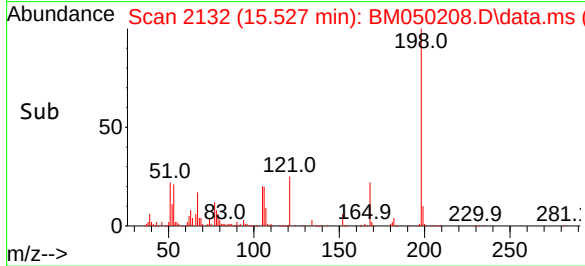
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:198 Resp: 292506
Ion Ratio Lower Upper
198 100
51 26.8 4.5 44.5
105 48.2 24.9 64.9

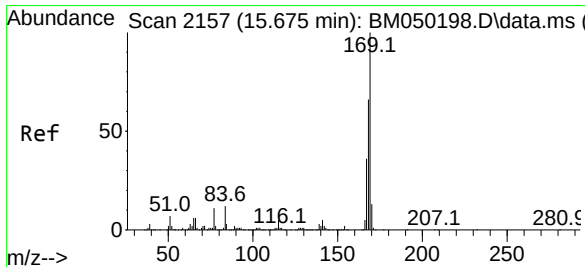
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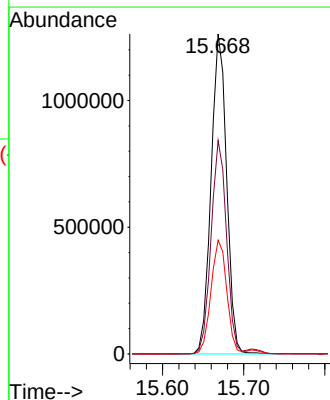
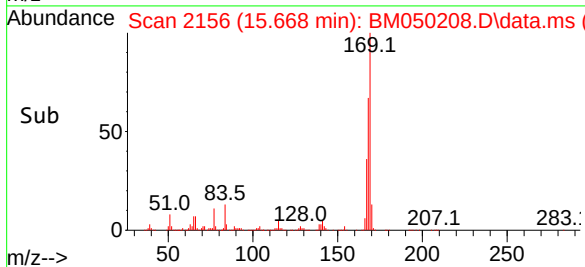
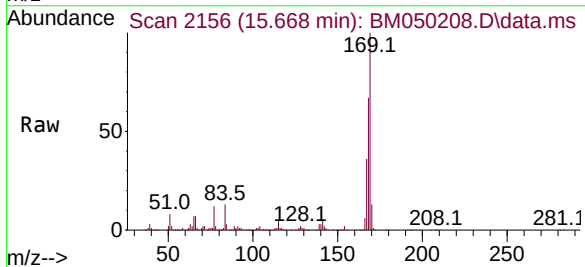
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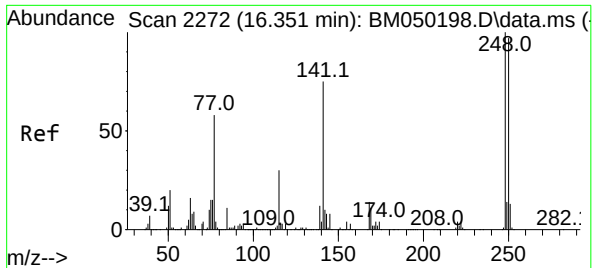
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#66
n-Nitrosodiphenylamine
Concen: 47.725 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

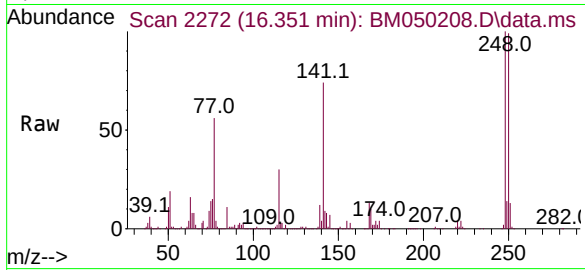
Tgt Ion:169 Resp: 1684849
Ion Ratio Lower Upper
169 100
168 66.7 53.1 79.7
167 35.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.863 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

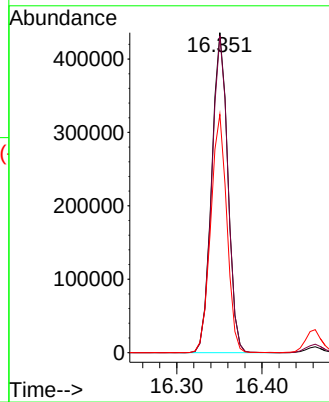
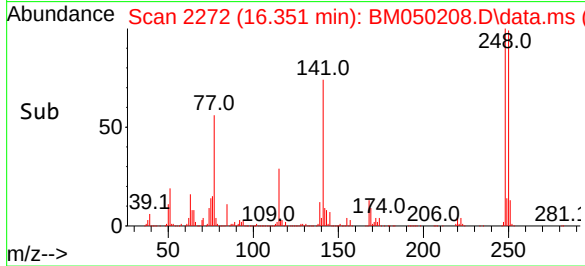
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:248 Resp: 573472
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 74.4 60.1 90.1

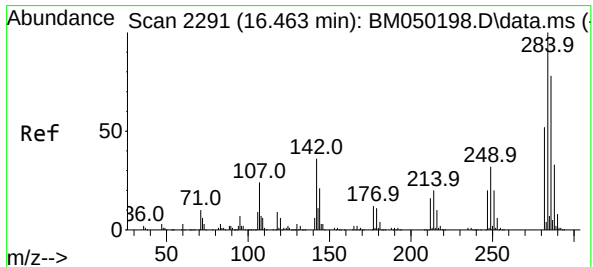
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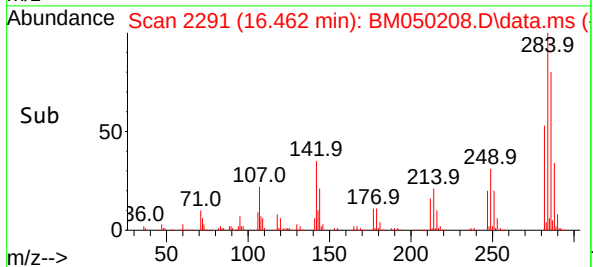
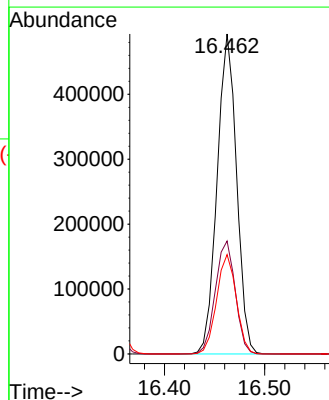
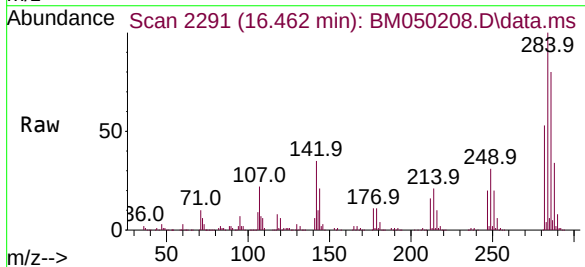
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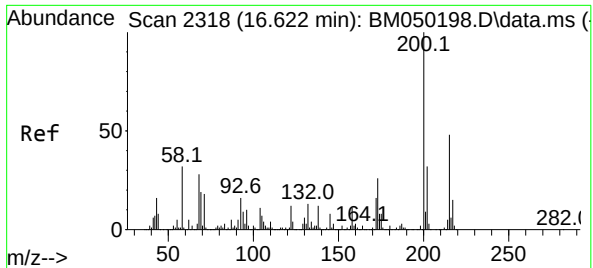
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#68
Hexachlorobenzene
Concen: 47.570 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:284 Resp: 665920
Ion Ratio Lower Upper
284 100
142 35.3 28.8 43.2
249 31.0 25.8 38.6





#69

Atrazine

Concen: 49.464 ng

RT: 16.621 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Tgt Ion:200 Resp: 556402

Ion Ratio Lower Upper

200 100

173 26.2 6.0 46.0

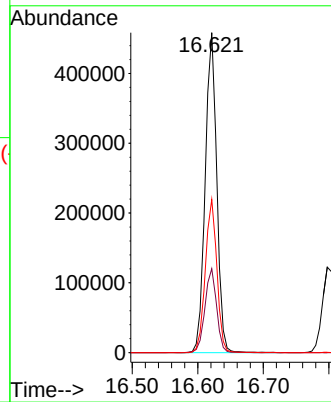
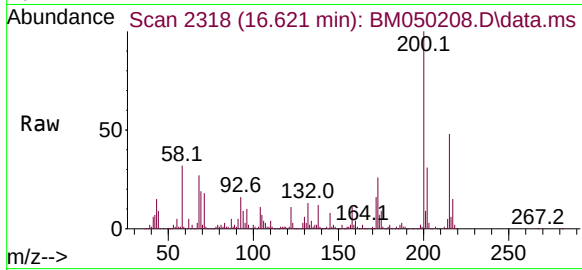
215 47.9 28.1 68.1

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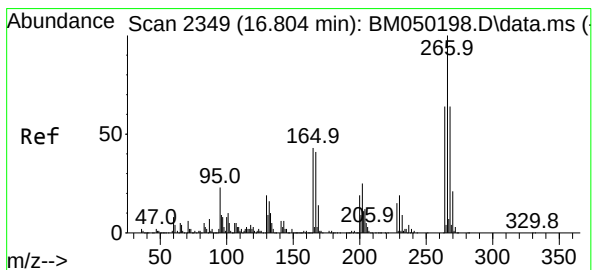
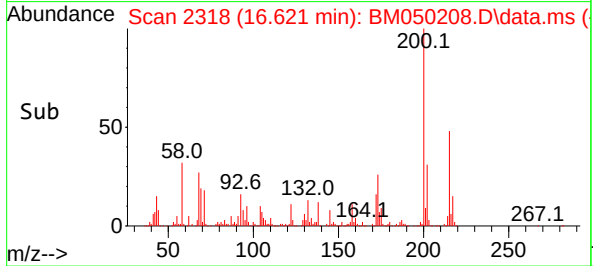
Reviewed By :Rahul Chavli 06/09/2025

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#70

Pentachlorophenol

Concen: 98.626 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.000 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

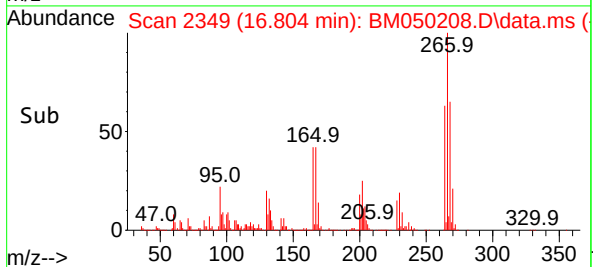
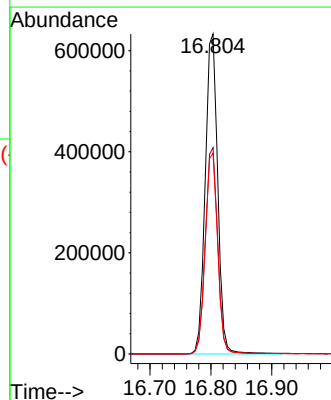
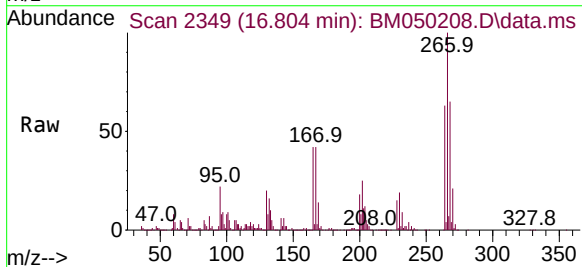
Tgt Ion:266 Resp: 897621

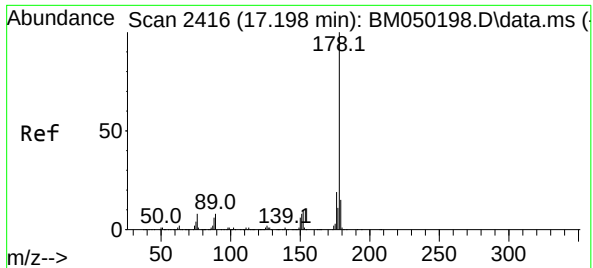
Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

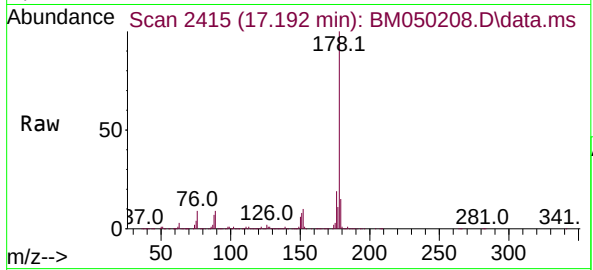
264 62.8 50.8 76.2





#71
Phenanthrene
Concen: 46.104 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

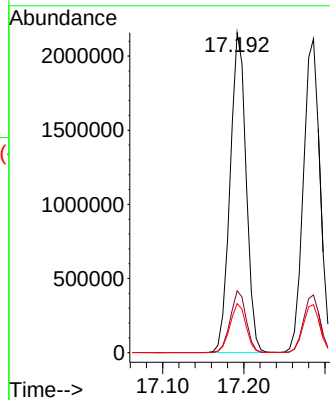
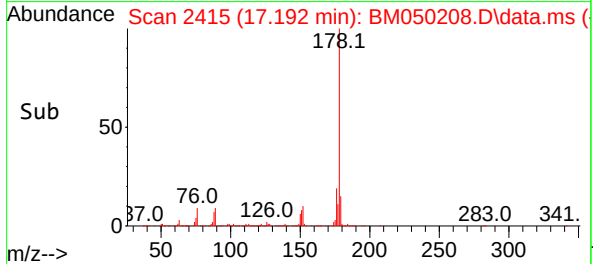
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:178 Resp: 2959236
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.3 12.3 18.5

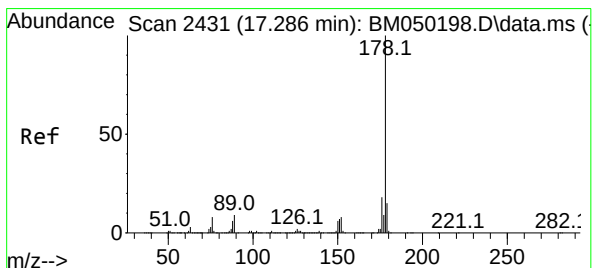
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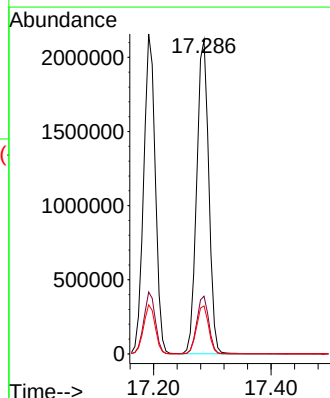
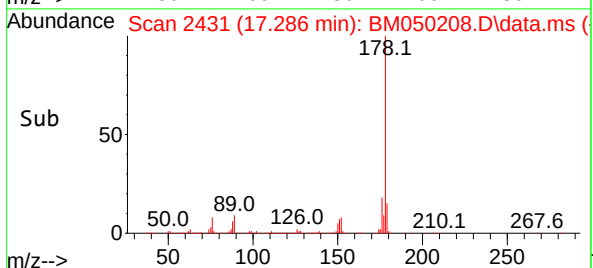
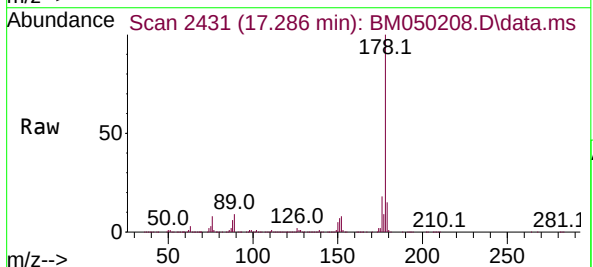
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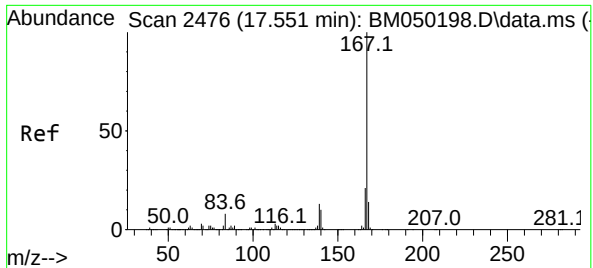
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#72
Anthracene
Concen: 46.793 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

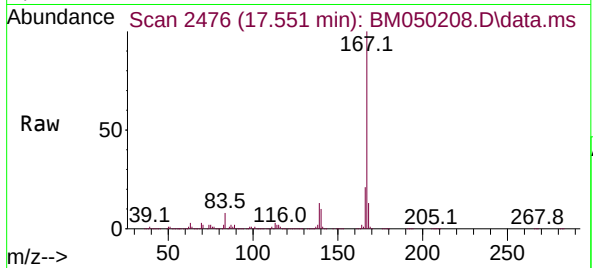
Tgt Ion:178 Resp: 3004594
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.3 12.3 18.5





#73
Carbazole
Concen: 47.230 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

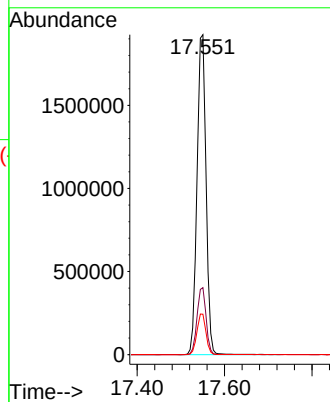
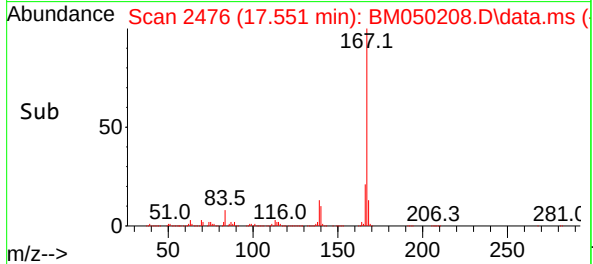
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:167 Resp: 2762804
Ion Ratio Lower Upper
167 100
166 20.9 17.0 25.6
139 12.6 10.2 15.4

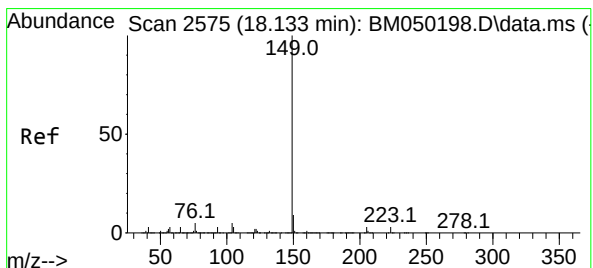
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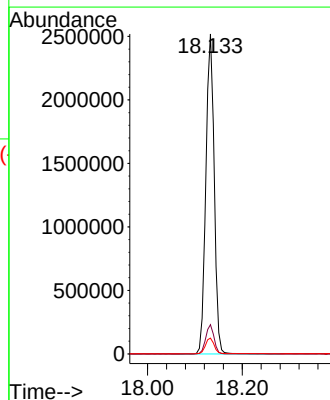
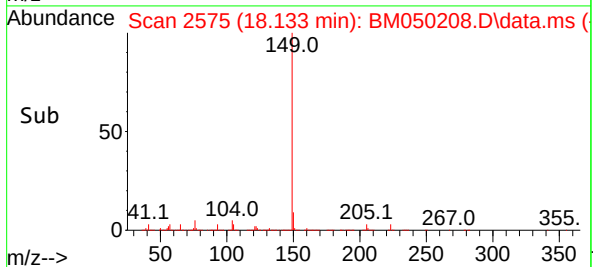
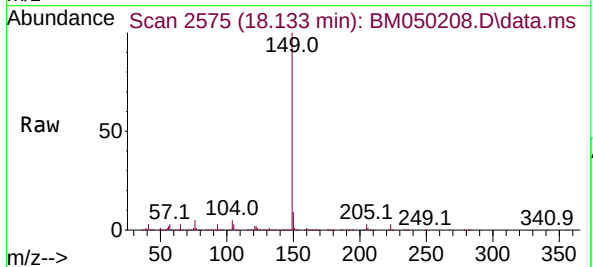
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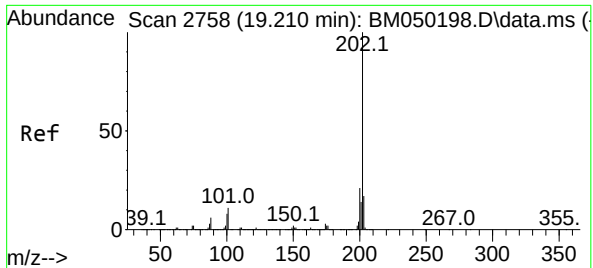
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#74
Di-n-butylphthalate
Concen: 48.203 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

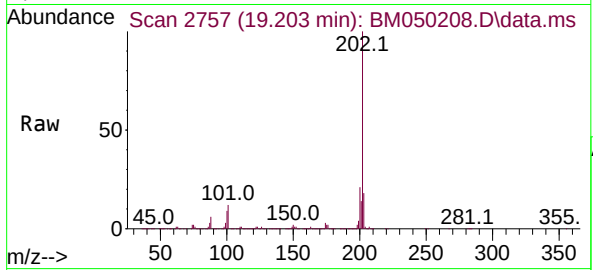
Tgt Ion:149 Resp: 3068125
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 46.834 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

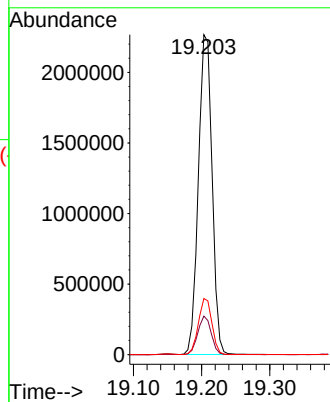
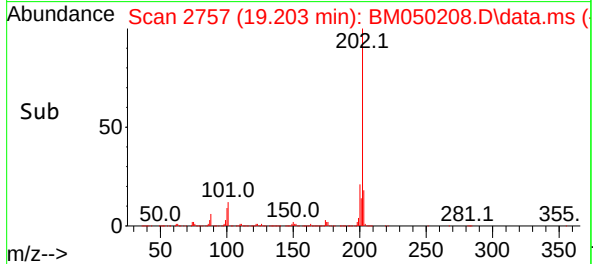
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:202 Resp: 3170134
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 17.5 0.0 37.0

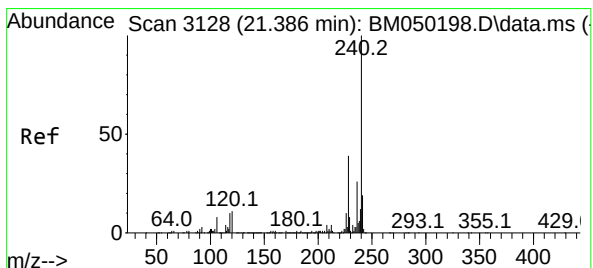
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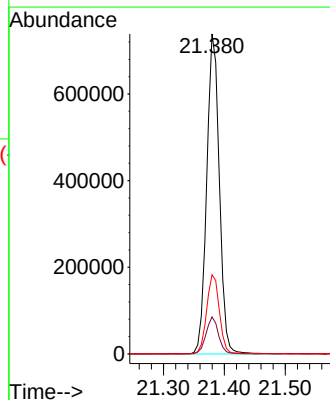
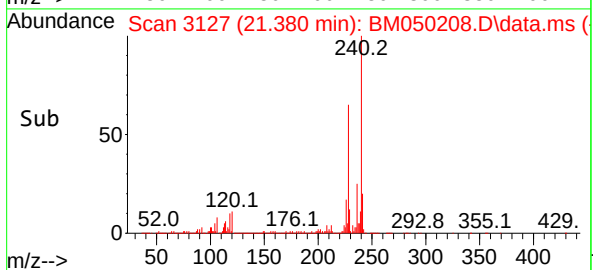
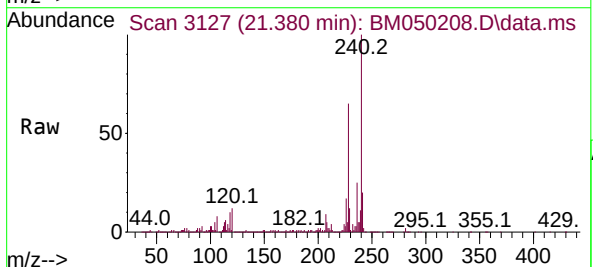
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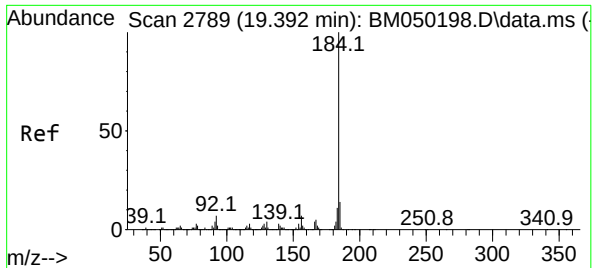
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

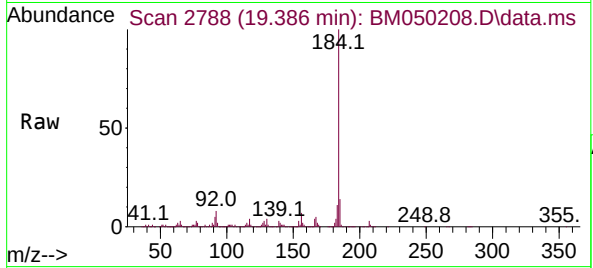
Tgt Ion:240 Resp: 1060555
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 24.7 20.7 31.1





#77
Benzidine
Concen: 25.565 ng
RT: 19.386 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

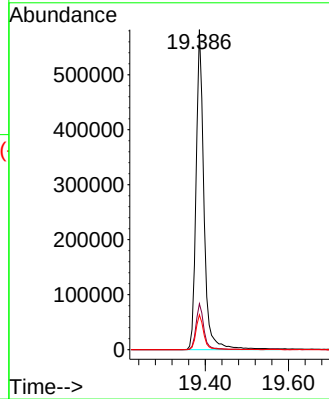
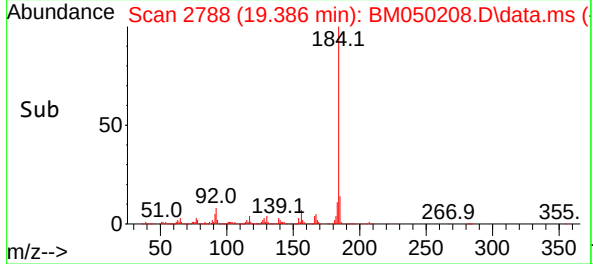
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:184 Resp: 762450
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 10.9 9.0 13.4

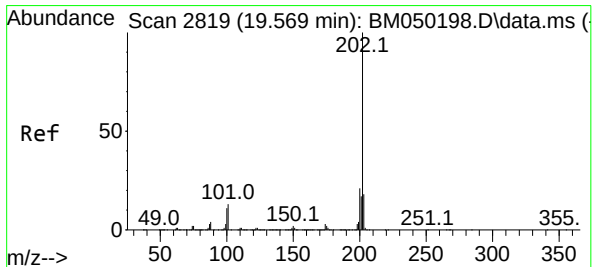
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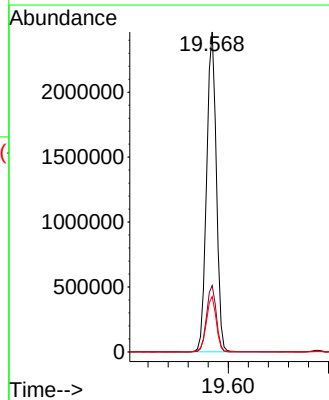
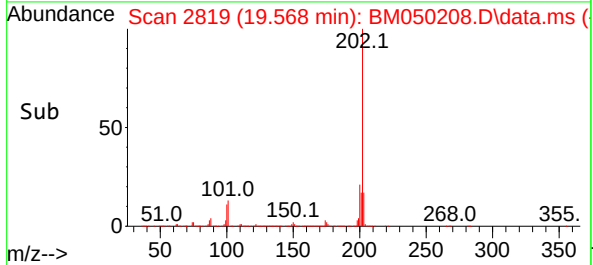
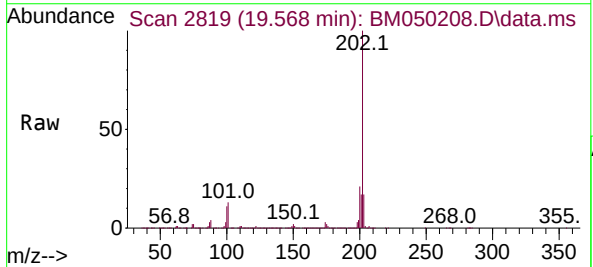
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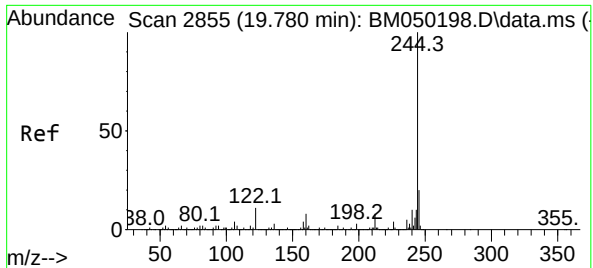
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#78
Pyrene
Concen: 46.414 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

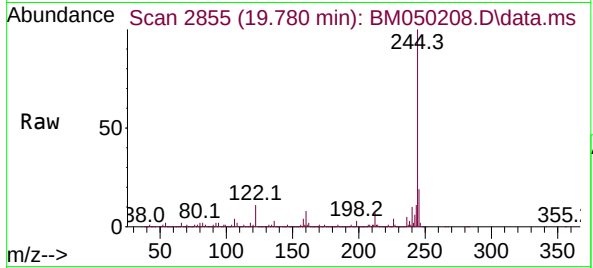
Tgt Ion:202 Resp: 3317752
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 79.271 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

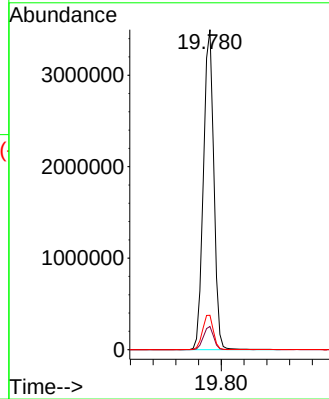
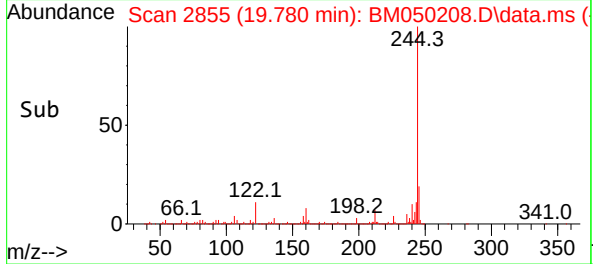
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:244 Resp: 4436403
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.7 8.6 12.8

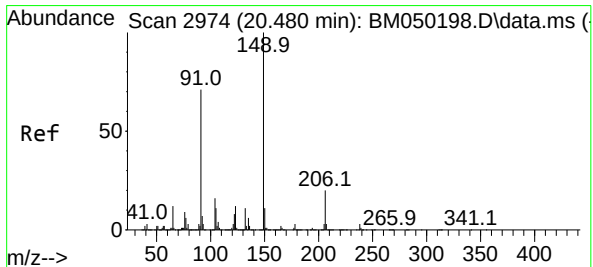
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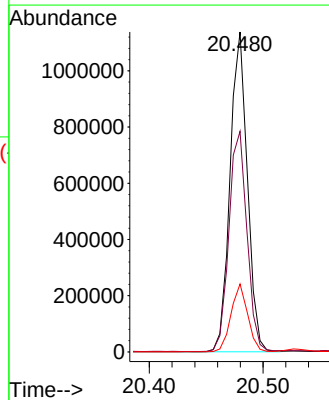
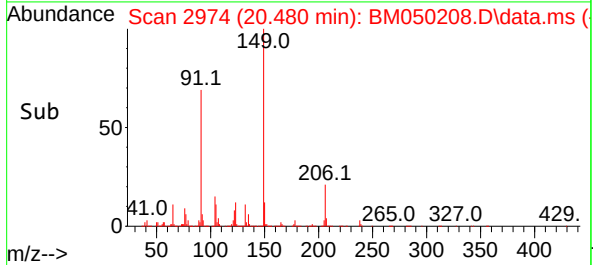
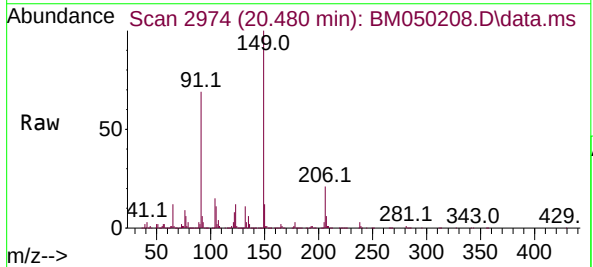
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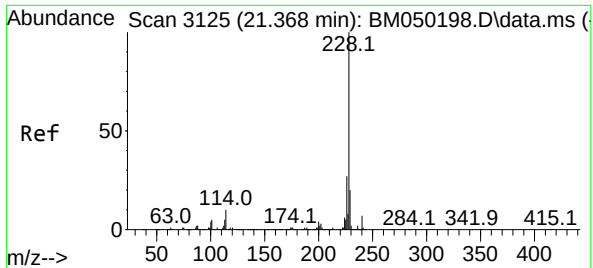
06/09/2025



#80
Butylbenzylphthalate
Concen: 50.365 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

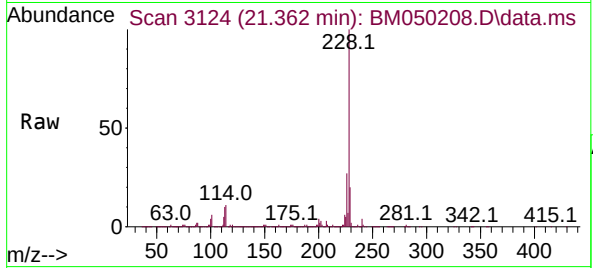
Tgt Ion:149 Resp: 1200885
Ion Ratio Lower Upper
149 100
91 68.9 56.9 85.3
206 21.2 16.1 24.1





#81
Benzo(a)anthracene
Concen: 47.237 ng
RT: 21.362 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

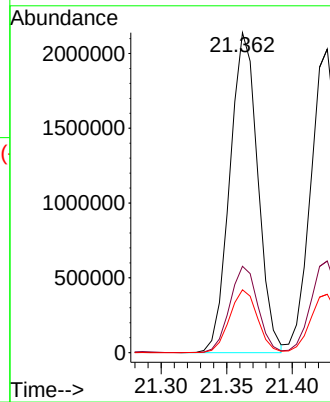
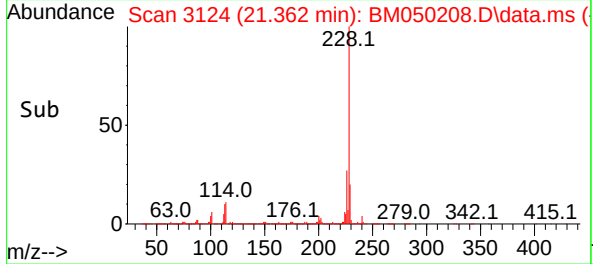
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:228 Resp: 3170963
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 15.7 23.5

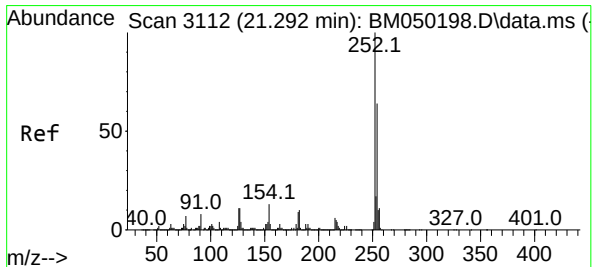
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Supervised By :Jagrut Upadhyay 06/09/2025



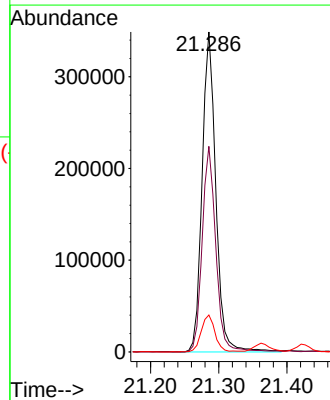
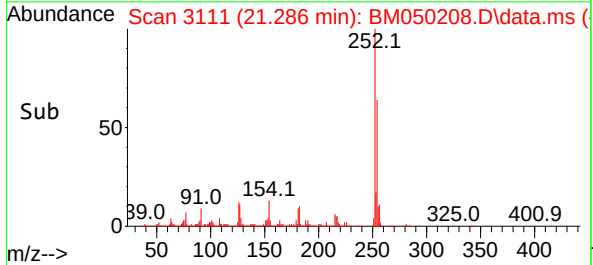
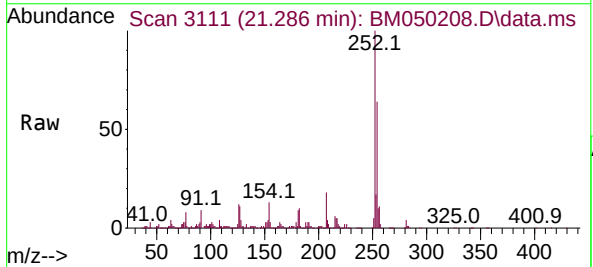
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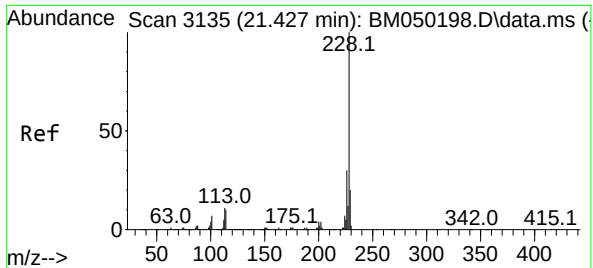
06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.827 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

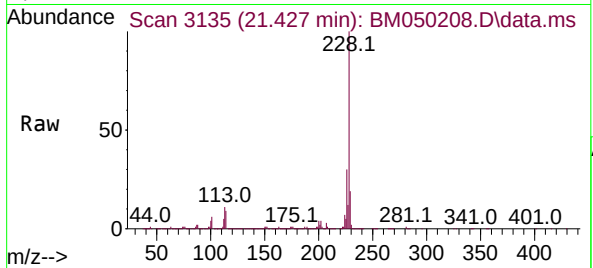
Tgt Ion:252 Resp: 487751
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 11.5 8.6 12.8





#83
Chrysene
Concen: 47.465 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

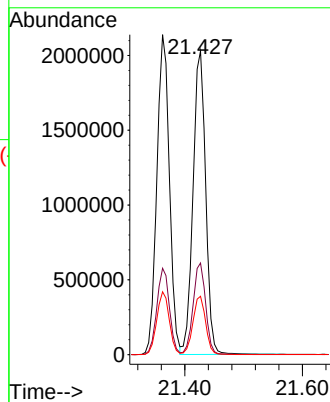
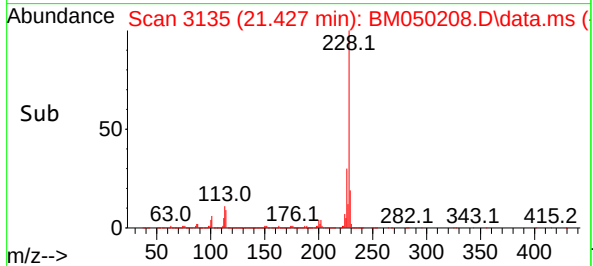
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:228 Resp: 3030852
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.2 15.8 23.8

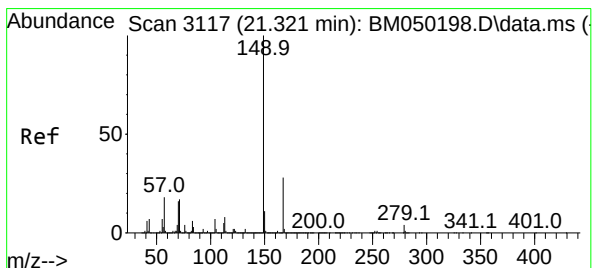
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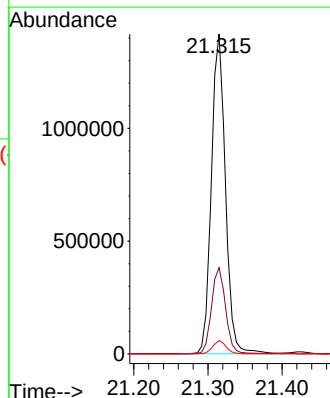
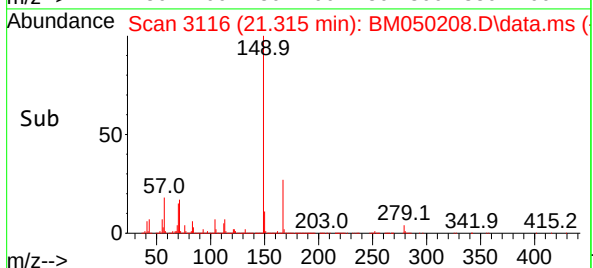
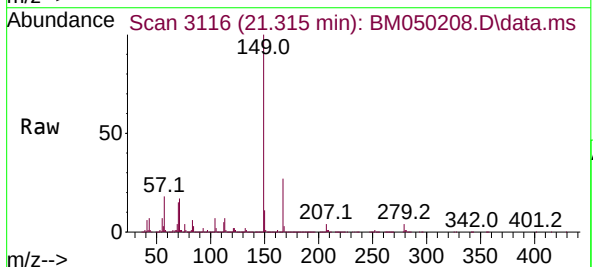
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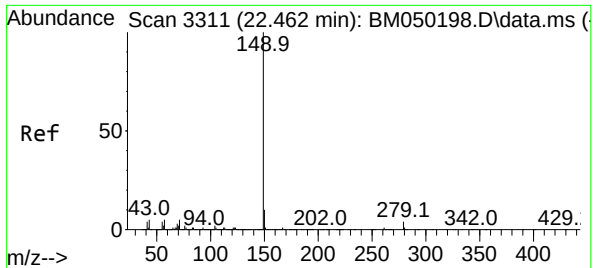
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.788 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

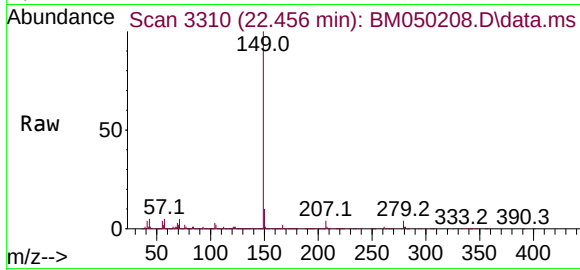
Tgt Ion:149 Resp: 1865304
Ion Ratio Lower Upper
149 100
167 26.9 22.3 33.5
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 55.644 ng
RT: 22.456 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

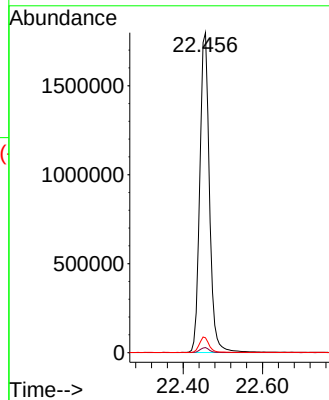
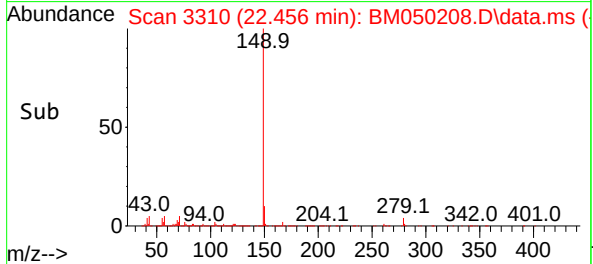
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:149 Resp: 3032564
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.9 3.8 5.8

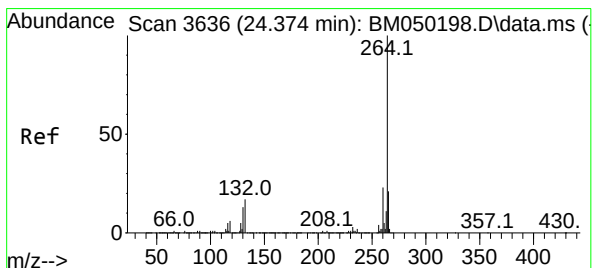
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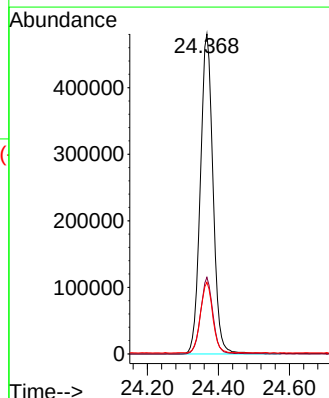
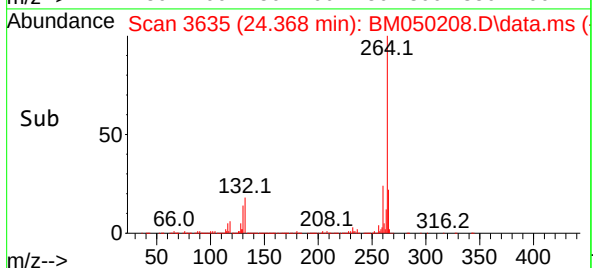
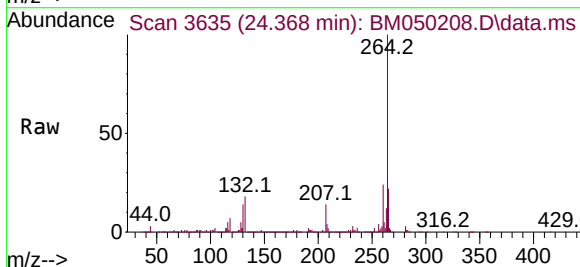
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Upadhyay

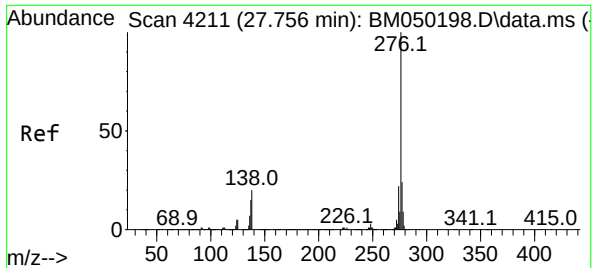
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

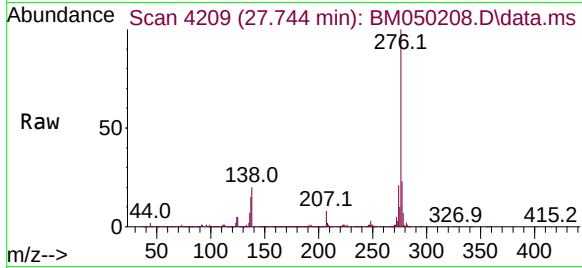
Tgt Ion:264 Resp: 1186020
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.4 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.627 ng
RT: 27.744 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

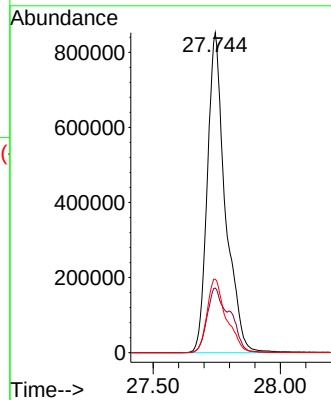
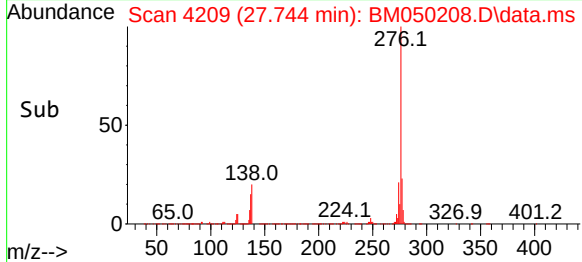
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:276 Resp: 4171594
Ion Ratio Lower Upper
276 100
138 18.6 20.6 30.8
277 24.6 19.8 29.6

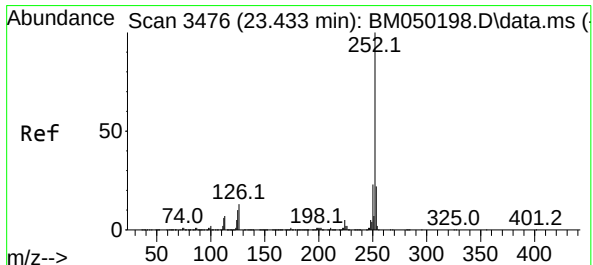
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Supervised By :Jagrut Upadhyay 06/09/2025

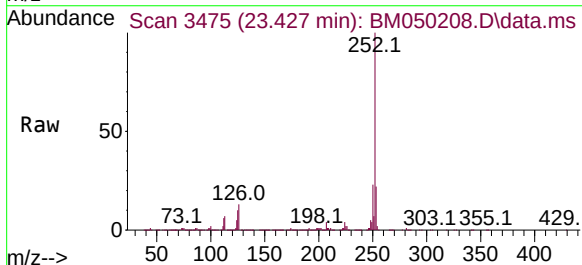


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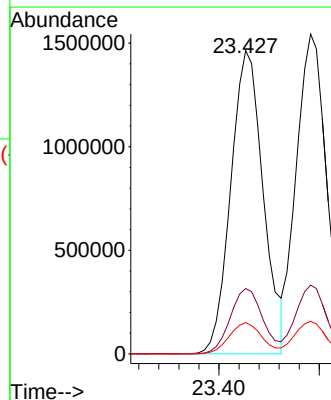
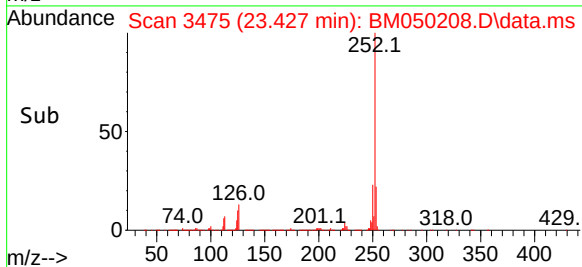
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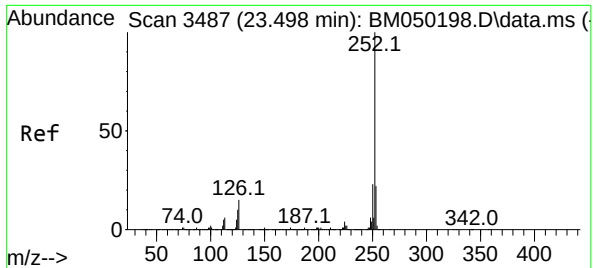


#88
Benzo(b)fluoranthene
Concen: 47.730 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



Tgt Ion:252 Resp: 3291254
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: 46.432 ng

RT: 23.491 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Tgt Ion:252 Resp: 326850

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

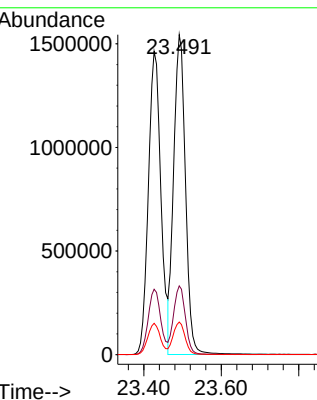
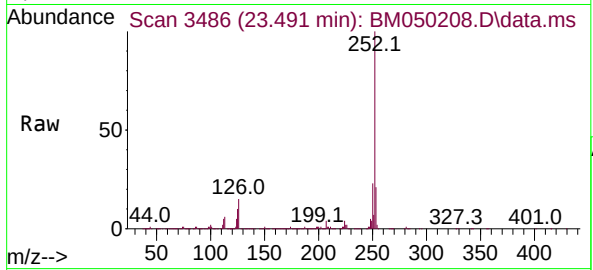
125 10.2 8.2 12.4

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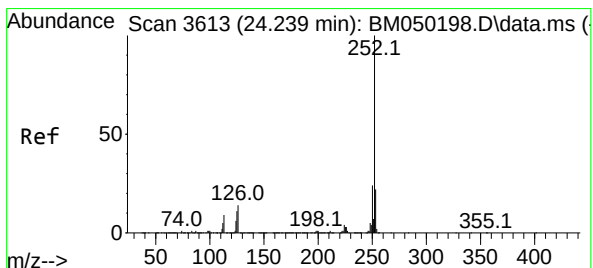
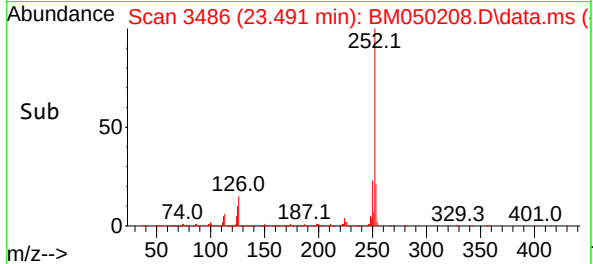
Supervised By :Jagrut Upadhyay 06/09/2025



06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#90

Benzo(a)pyrene

Concen: 49.074 ng

RT: 24.227 min Scan# 3611

Delta R.T. -0.012 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

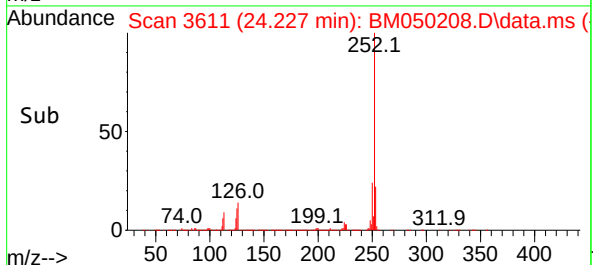
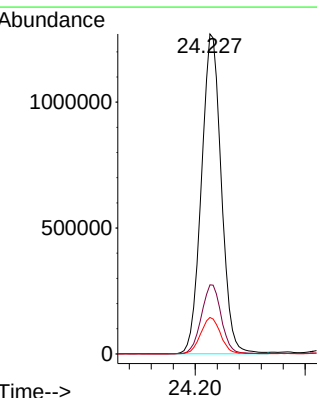
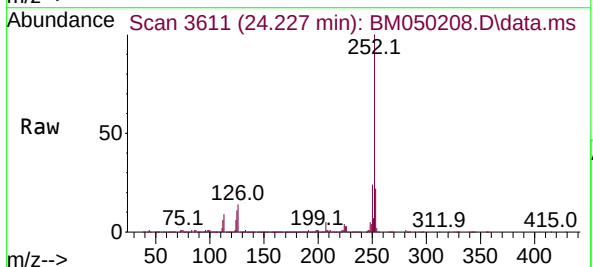
Tgt Ion:252 Resp: 3181588

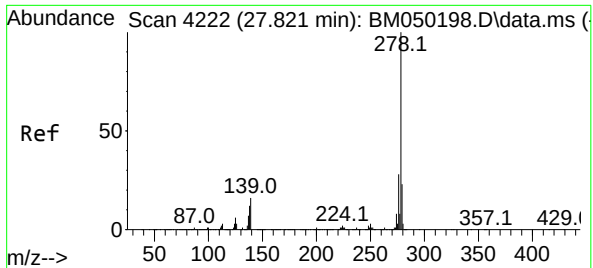
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

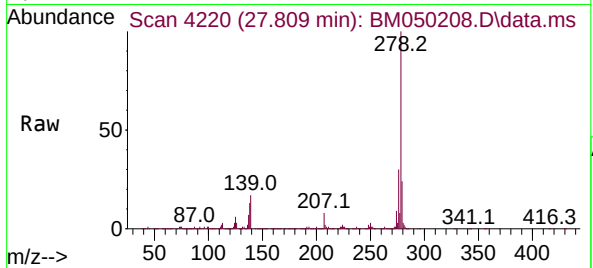
125 11.4 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 54.424 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

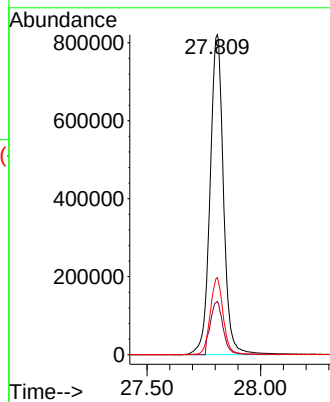
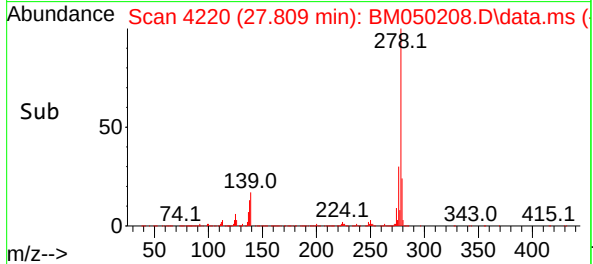
Instrument :
BNA_M
ClientSampleId :
PB168269BS



Tgt Ion:278 Resp: 3373519
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.1 18.6 28.0

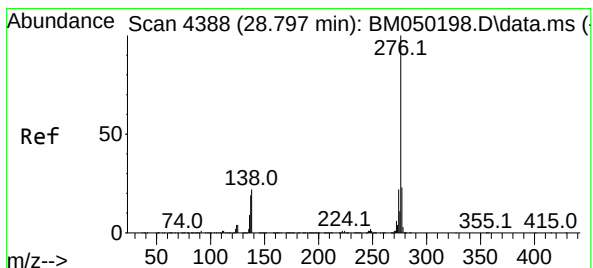
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Supervised By :Jagrut Upadhyay 06/09/2025



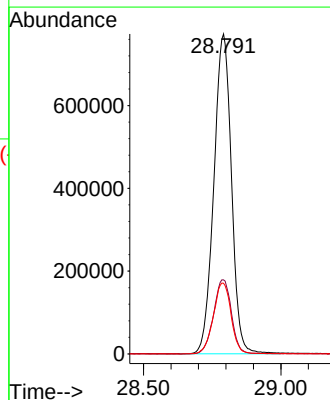
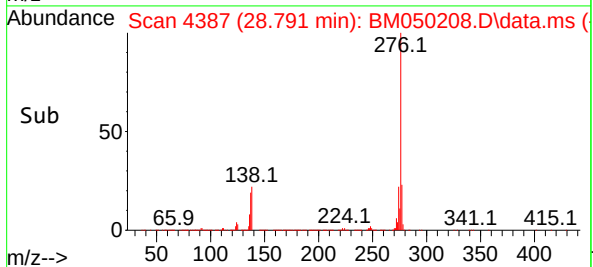
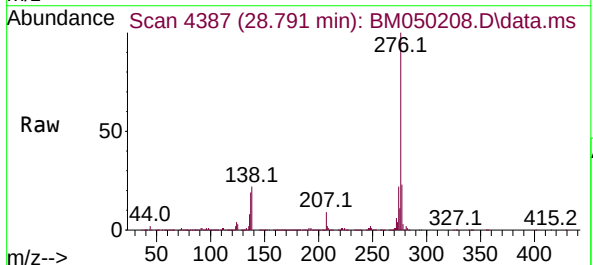
06/09/2025
Supervised By :Jagrut
Upadhyay

06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 55.347 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.024 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:276 Resp: 3433734
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 22.1 17.8 26.6



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01MS	SDG No.:	Q2177
Lab Sample ID:	Q2177-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050210.D	1	06/04/25 08:30	06/06/25 12:06	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	370		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	380		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	420		11.0	100	ug/L
67-72-1	Hexachloroethane	380		6.50	50.0	ug/L
98-95-3	Nitrobenzene	450		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	480		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	490		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	470		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	960	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	122		15 (23) - 110 (138)	81%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.5		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.7		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	79.5		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	326000	7.787			
1146-65-2	Naphthalene-d8	1270000	10.575			
15067-26-2	Acenaphthene-d10	685000	14.416			
1517-22-2	Phenanthrene-d10	1180000	17.151			
1719-03-5	Chrysene-d12	1090000	21.38			
1520-96-3	Perylene-d12	1220000	24.368			

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01MS	SDG No.:	Q2177
Lab Sample ID:	Q2177-03MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050210.D	1	06/04/25 08:30	06/06/25 12:06	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
 Data File : BM050210.D
 Acq On : 06 Jun 2025 12:06
 Operator : RC/JU
 Sample : Q2177-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MS

Manual Integrations
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Reviewed By :Rahul
 Chavli

Quant Time: Jun 06 12:38:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/09/2025
1) 1,4-Dichlorobenzene-d4	7.787	152	326296	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	10.575	136	1267565	20.000	ng	0.00	
39) Acenaphthene-d10	14.416	164	684770	20.000	ng	0.00	
64) Phenanthrene-d10	17.151	188	1179346	20.000	ng	0.00	
76) Chrysene-d12	21.380	240	1089185	20.000	ng	0.00	
86) Perylene-d12	24.368	264	1220890	20.000	ng	0.00	06/09/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2382563	121.805	ng	0.00	
7) Phenol-d6	6.951	99	2812170	109.213	ng	0.00	
23) Nitrobenzene-d5	8.939	82	1937115	79.480	ng	0.00	
42) 2,4,6-Tribromophenol	15.898	330	969471	124.470	ng	0.00	
45) 2-Fluorobiphenyl	13.045	172	3927928	77.659	ng	0.00	
79) Terphenyl-d14	19.780	244	4567622	79.470	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	307156	35.824	ng	#	76
3) Pyridine	3.693	79	829922	37.377	ng		99
4) n-Nitrosodimethylamine	3.599	42	195836	42.652	ng		96
6) Aniline	7.116	93	636648	18.703	ng		98
8) 2-Chlorophenol	7.351	128	953896	44.335	ng		99
9) Benzaldehyde	6.928	77	331231	20.233	ng		99
10) Phenol	6.981	94	1055295	38.734	ng		99
11) bis(2-Chloroethyl)ether	7.216	93	939657	42.879	ng		100
12) 1,3-Dichlorobenzene	7.681	146	906130	37.672	ng		99
13) 1,4-Dichlorobenzene	7.822	146	941185	37.608	ng		99
14) 1,2-Dichlorobenzene	8.140	146	911840	38.220	ng		98
15) Benzyl Alcohol	8.022	79	799947	43.557	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	640359	42.065	ng		98
17) 2-Methylphenol	8.222	107	764025	42.501	ng		99
18) Hexachloroethane	8.869	117	343431	37.893	ng		100
19) n-Nitroso-di-n-propyla...	8.592	70	665245	42.218	ng		99
20) 3+4-Methylphenols	8.551	107	1011265	42.047	ng		99
22) Acetophenone	8.604	105	1363804	43.066	ng	#	99
24) Nitrobenzene	8.981	77	991933	44.750	ng		99
25) Isophorone	9.510	82	1843904	43.833	ng		99
26) 2-Nitrophenol	9.686	139	446203	46.634	ng		98
27) 2,4-Dimethylphenol	9.751	122	870473	44.277	ng		100
28) bis(2-Chloroethoxy)met...	9.992	93	1203792	43.804	ng		100
29) 2,4-Dichlorophenol	10.222	162	821582	45.159	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	854167	42.191	ng		100
31) Naphthalene	10.628	128	2759166	42.102	ng		100
32) Benzoic acid	9.863	122	448266	36.282	ng		99
33) 4-Chloroaniline	10.728	127	165910	5.938	ng		97
34) Hexachlorobutadiene	10.922	225	499405	41.472	ng		99
35) Caprolactam	11.486	113	203525	35.286	ng		97
36) 4-Chloro-3-methylphenol	11.851	107	825779	42.538	ng		98
37) 2-Methylnaphthalene	12.239	142	1691822	42.792	ng		99
38) 1-Methylnaphthalene	12.457	142	1762386	41.999	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	919589	46.506	ng		99
41) Hexachlorocyclopentadiene	12.598	237	1103835	91.922	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	620811	47.742	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050210.D
 Acq On : 06 Jun 2025 12:06
 Operator : RC/JU
 Sample : Q2177-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MS

Manual Integrations
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Reviewed By :Rahul
 Chavli

Quant Time: Jun 06 12:38:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	667141	46.729	ng	98
46) 1,1'-Biphenyl	13.251	154	2341527	45.666	ng	98
47) 2-Chloronaphthalene	13.292	162	1792919	44.977	ng	99
48) 2-Nitroaniline	13.486	65	427535	48.737	ng	99
49) Acenaphthylene	14.133	152	2916115	45.228	ng	99
50) Dimethylphthalate	13.874	163	2077786	44.866	ng	99
51) 2,6-Dinitrotoluene	13.980	165	442037	47.330	ng	94
52) Acenaphthene	14.480	154	1930436	47.868	ng	100
53) 3-Nitroaniline	14.304	138	186328	17.901	ng	99
54) 2,4-Dinitrophenol	14.510	184	415808	74.958	ng	98
55) Dibenzofuran	14.816	168	2598540	44.043	ng	100
56) 4-Nitrophenol	14.610	139	759762	85.759	ng	100
57) 2,4-Dinitrotoluene	14.768	165	601051	48.787	ng	99
58) Fluorene	15.463	166	2002920	44.323	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	554722m	44.909	ng	
60) Diethylphthalate	15.245	149	2023715	44.042	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	958609	43.892	ng	98
62) 4-Nitroaniline	15.468	138	405168	41.531	ng	98
63) Azobenzene	15.751	77	2021498	44.015	ng	99
65) 4,6-Dinitro-2-methylph...	15.527	198	283528	44.016	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1749325	47.208	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	599446	47.664	ng	99
68) Hexachlorobenzene	16.462	284	690076	46.964	ng	97
69) Atrazine	16.621	200	563892	47.759	ng	100
70) Pentachlorophenol	16.798	266	916700	95.958	ng	99
71) Phenanthrene	17.192	178	3030486	44.981	ng	99
72) Anthracene	17.286	178	3066040	45.491	ng	100
73) Carbazole	17.545	167	2802423	45.641	ng	100
74) Di-n-butylphthalate	18.133	149	3131978	46.879	ng	100
75) Fluoranthene	19.203	202	3233462	45.511	ng	99
77) Benzidine	19.386	184	634071	20.702	ng	99
78) Pyrene	19.568	202	3367898	45.877	ng	99
80) Butylbenzylphthalate	20.480	149	1220876	49.857	ng	99
81) Benzo(a)anthracene	21.362	228	3202268	46.450	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	453770	21.584	ng	99
83) Chrysene	21.427	228	3030304	46.209	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1831065	48.545	ng	100
85) Di-n-octyl phthalate	22.456	149	2992661	53.468	ng	100
87) Indeno(1,2,3-cd)pyrene	27.738	276	4161319	52.936	ng	100
88) Benzo(b)fluoranthene	23.433	252	3292419	46.383	ng	100
89) Benzo(k)fluoranthene	23.491	252	3248849	44.834	ng	100
90) Benzo(a)pyrene	24.233	252	3177372	47.609	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	3351181	52.519	ng	98
92) Benzo(g,h,i)perylene	28.791	276	3427026	53.661	ng	100

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

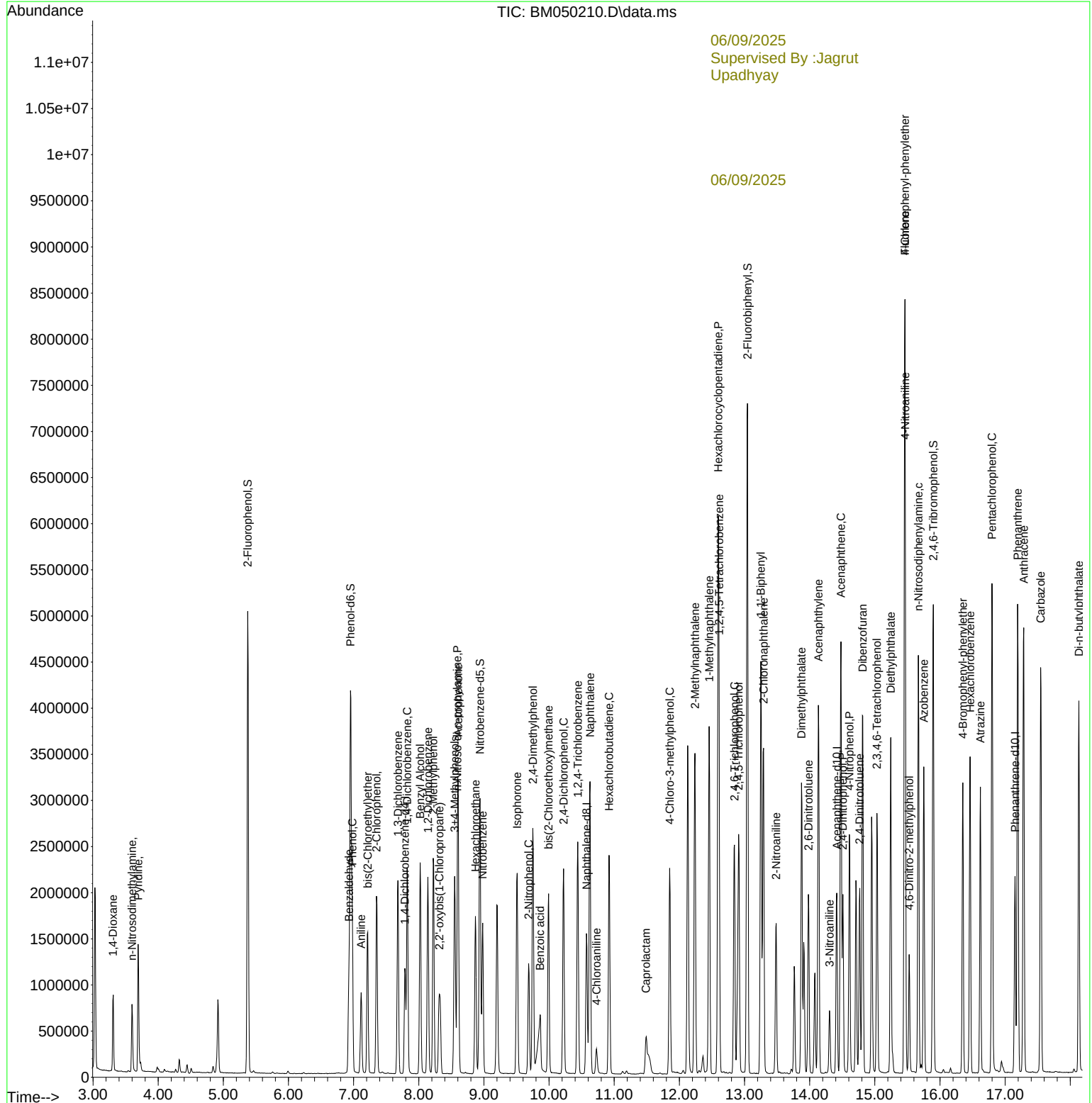
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 Acq On : 06 Jun 2025 12:06
 Operator : RC/JU
 Sample : Q2177-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MS

Manual Integrations
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Reviewed By :Rahul
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Quant Time: Jun 06 12:38:18 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



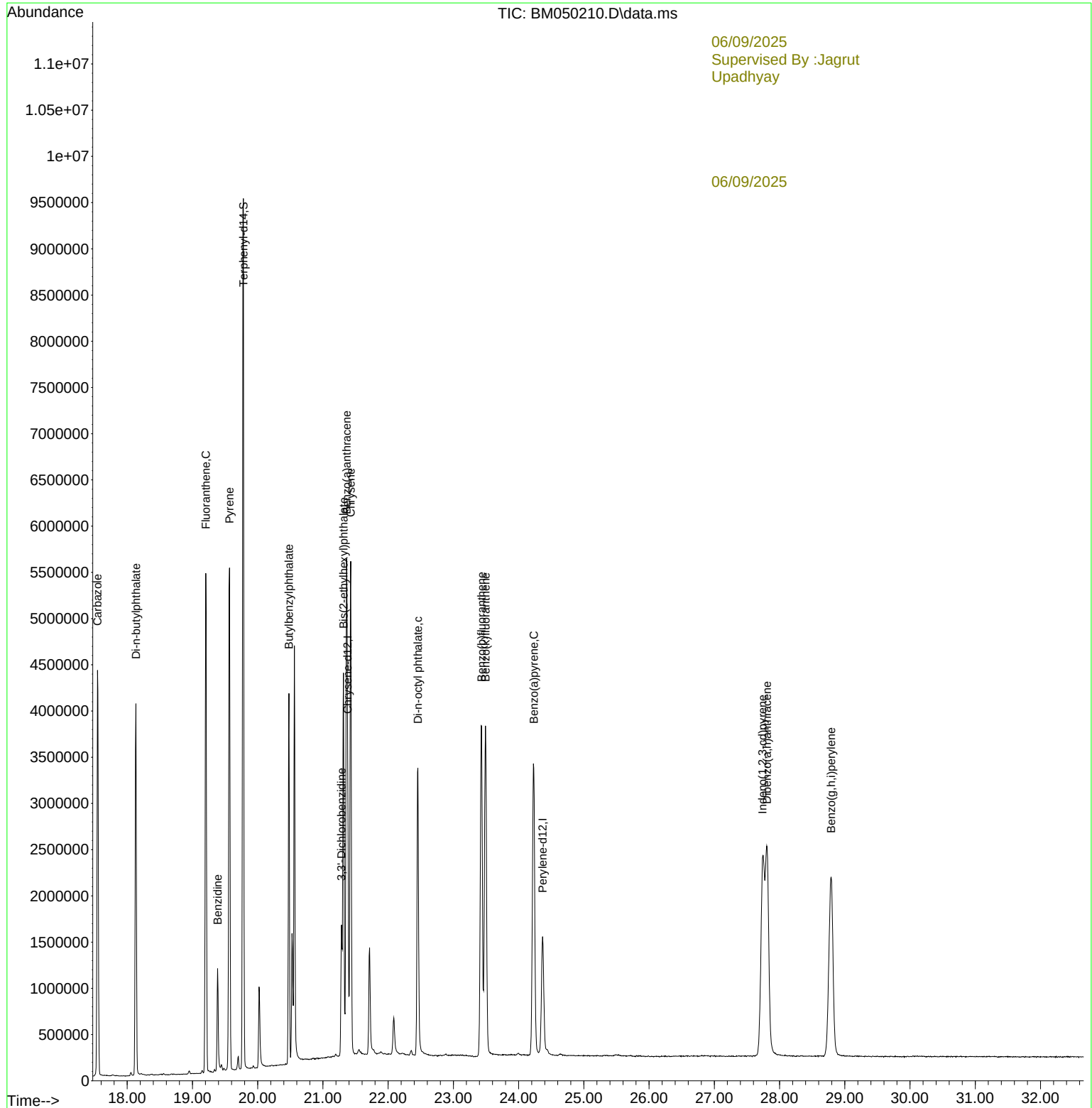
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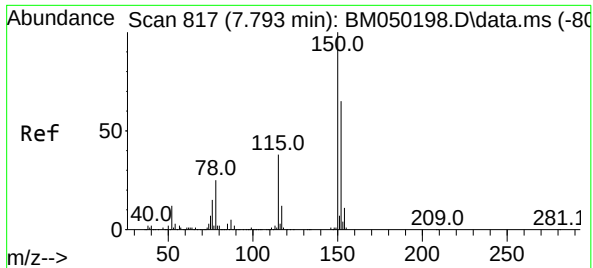
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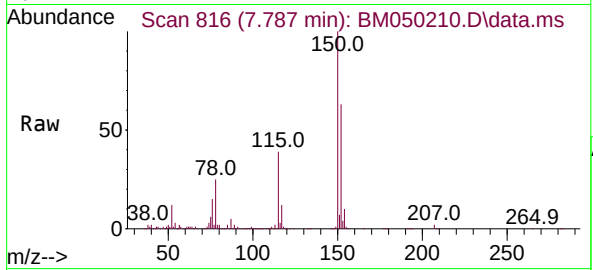
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

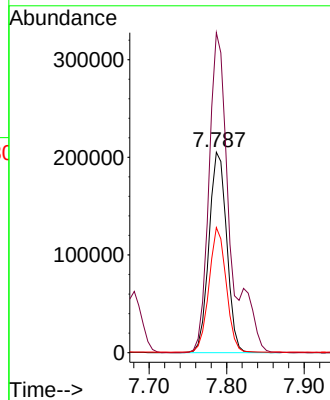
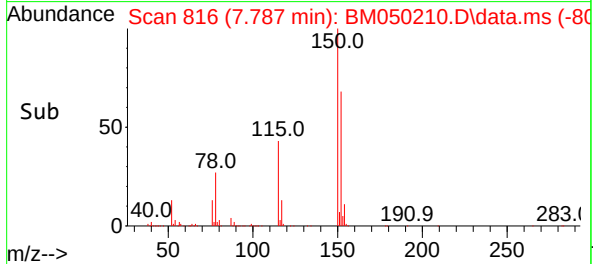
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:152 Resp: 326296
Ion Ratio Lower Upper
152 100
150 159.7 122.2 183.4
115 62.4 46.3 69.5

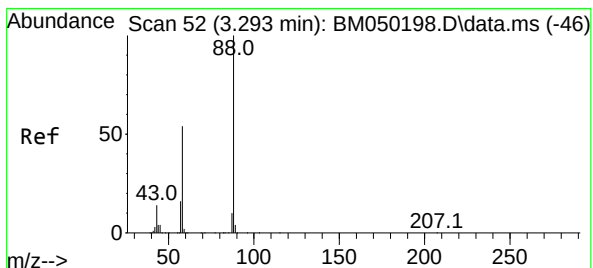
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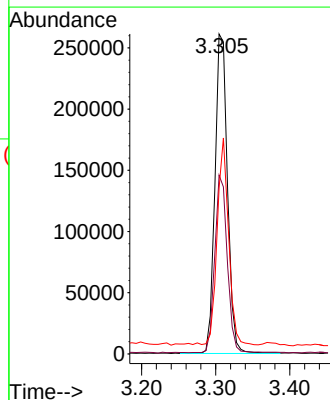
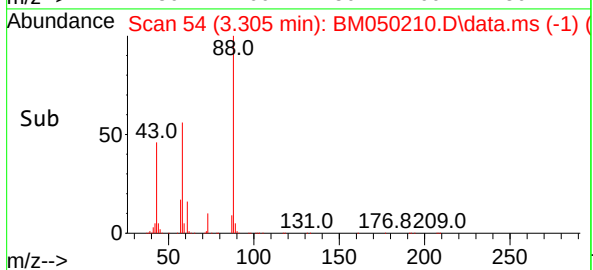
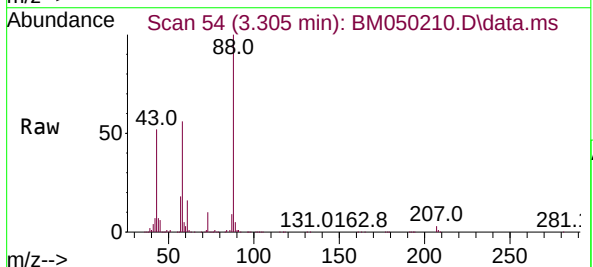
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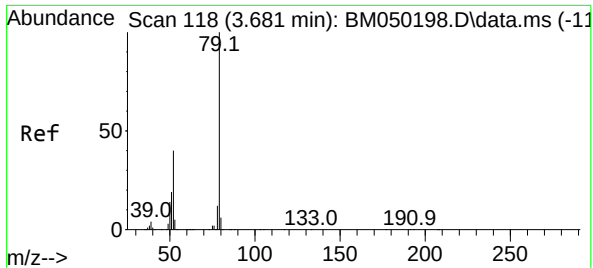
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#2
1,4-Dioxane
Concen: 35.824 ng
RT: 3.305 min Scan# 54
Delta R.T. 0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

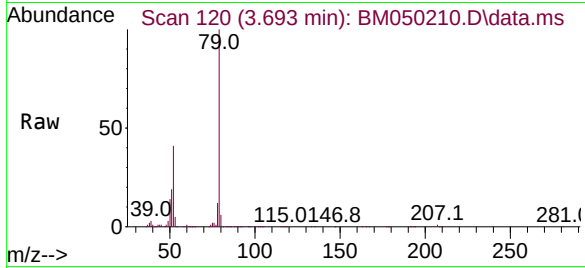
Tgt Ion: 88 Resp: 307156
Ion Ratio Lower Upper
88 100
58 55.2 42.9 64.3
43 58.6 11.0 16.6





#3
Pyridine
Concen: 37.377 ng
RT: 3.693 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

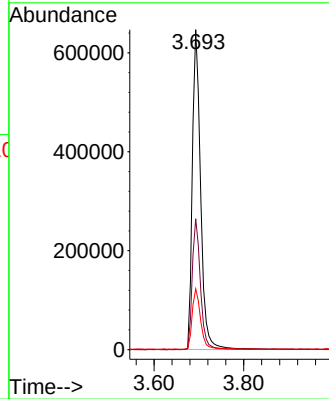
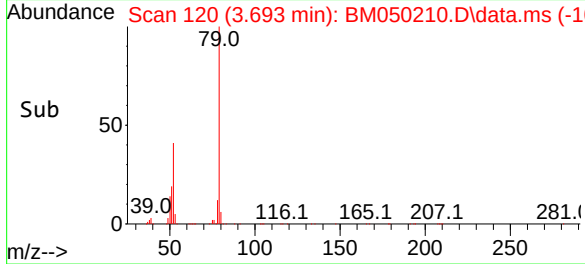
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 79 Resp: 829922
Ion Ratio Lower Upper
79 100
52 40.9 32.1 48.1
51 19.0 15.4 23.0

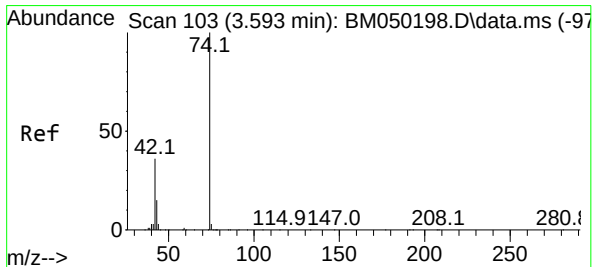
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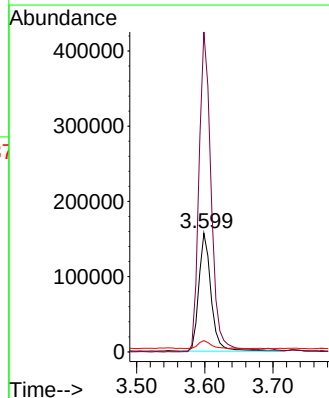
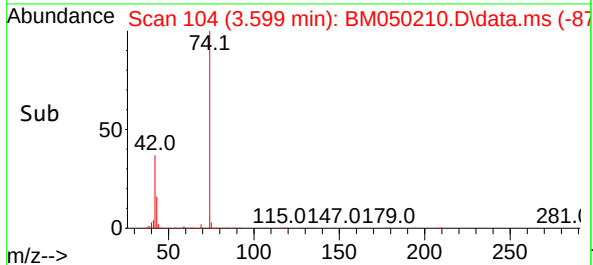
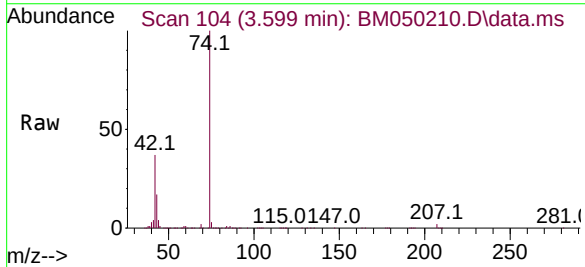
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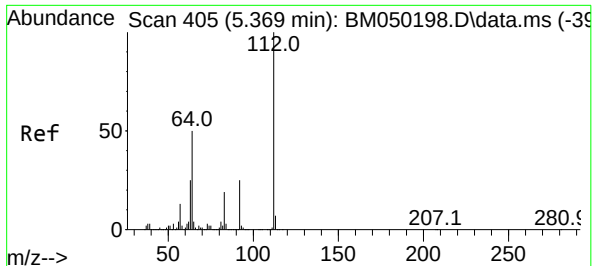
06/09/2025



#4
n-Nitrosodimethylamine
Concen: 42.652 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

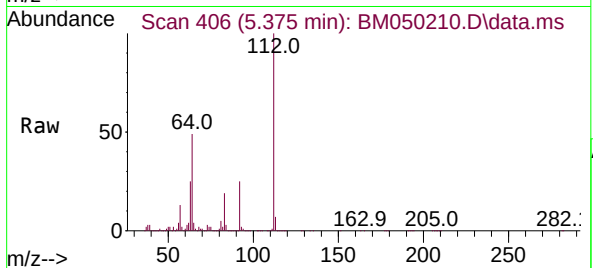
Tgt Ion: 42 Resp: 195836
Ion Ratio Lower Upper
42 100
74 269.6 222.0 333.0
44 9.5 7.0 10.6





#5
2-Fluorophenol
Concen: 121.805 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

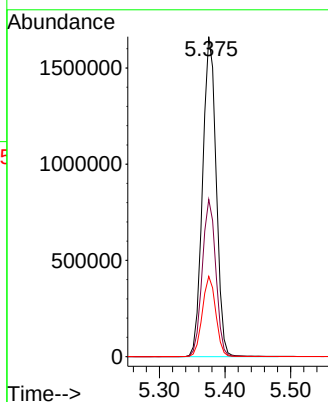
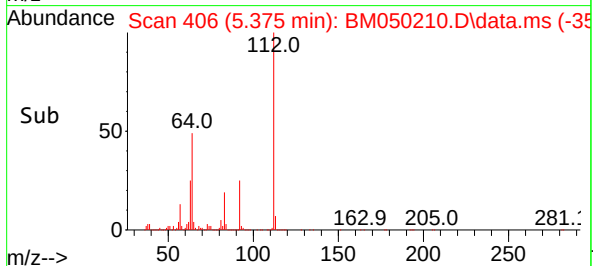
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 112 Resp: 2382563
Ion Ratio Lower Upper
112 100
64 49.1 39.8 59.6
63 25.1 19.8 29.8

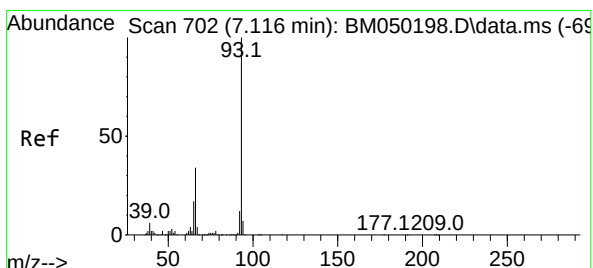
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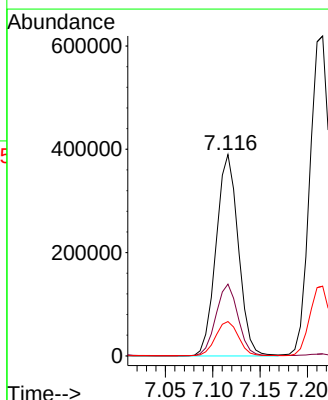
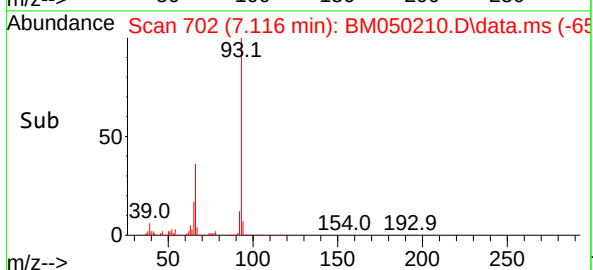
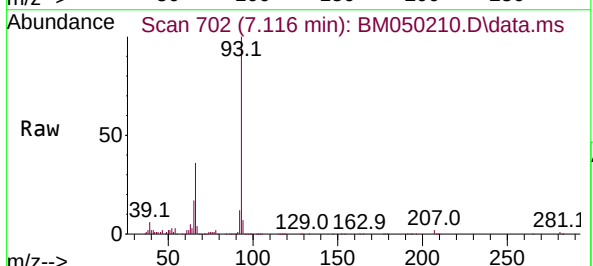
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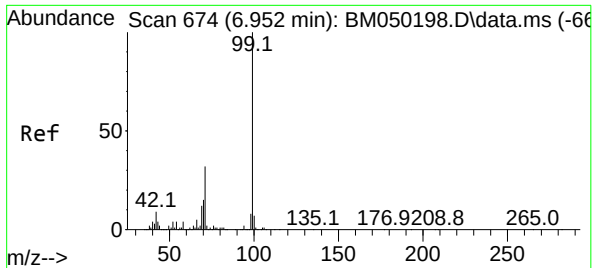
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#6
Aniline
Concen: 18.703 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

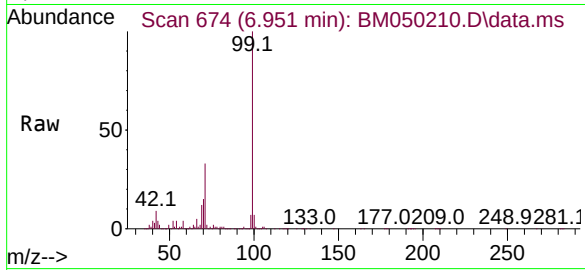
Tgt Ion: 93 Resp: 636648
Ion Ratio Lower Upper
93 100
66 35.6 27.4 41.2
65 17.0 13.6 20.4





#7
Phenol-d6
Concen: 109.213 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

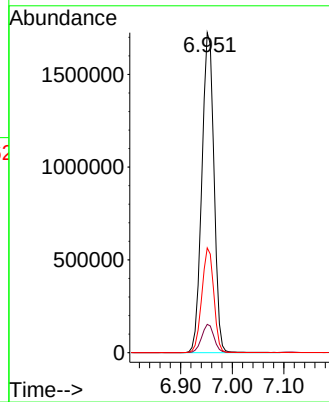
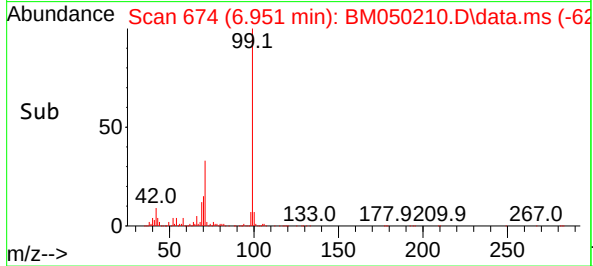
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 99 Resp: 2812176
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.7 25.3 37.9

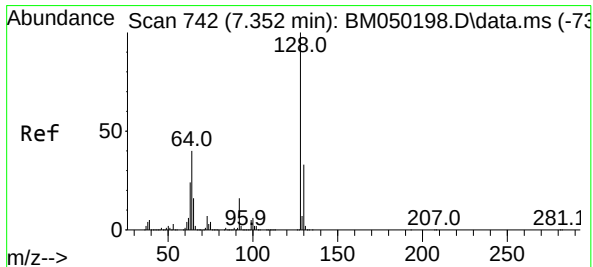
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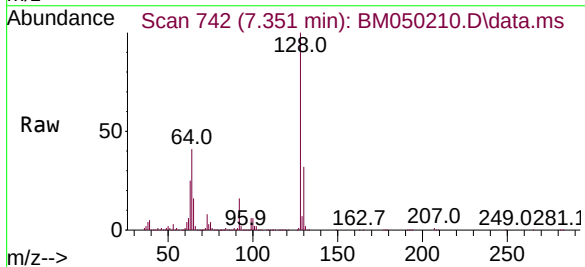


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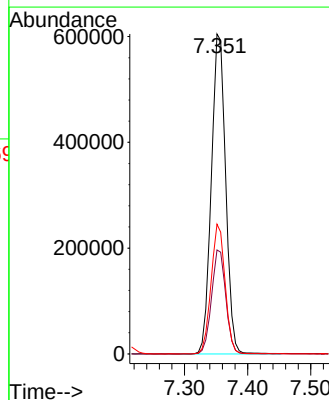
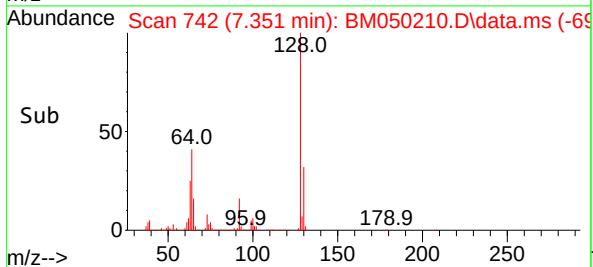
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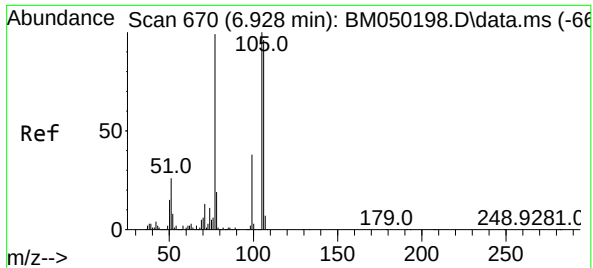


#8
2-Chlorophenol
Concen: 44.335 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



Tgt Ion:128 Resp: 953896
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 40.5 19.8 59.8





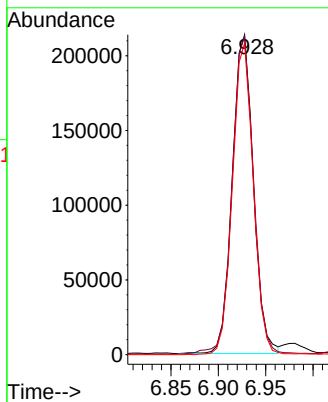
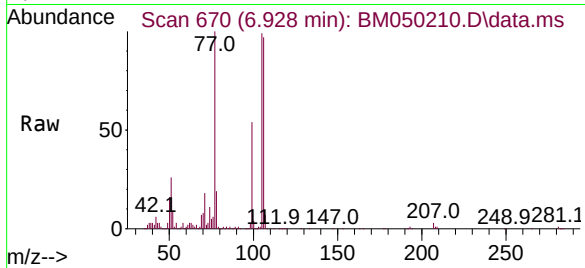
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Benzaldehyde
Concen: 20.233 ng
RT: 6.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS

Tgt Ion: 77 Resp: 331233
Ion Ratio Lower Upper
77 100
105 99.4 80.9 120.9
106 97.3 77.1 117.1

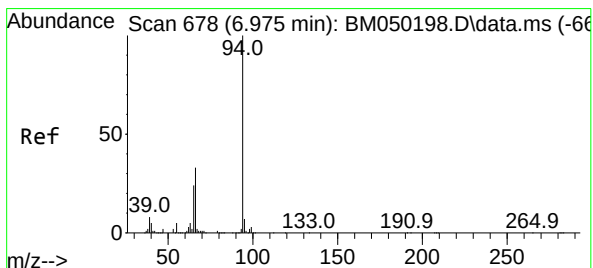
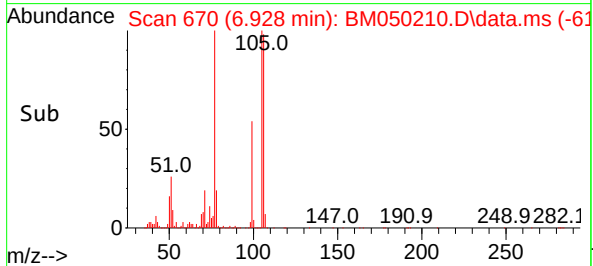
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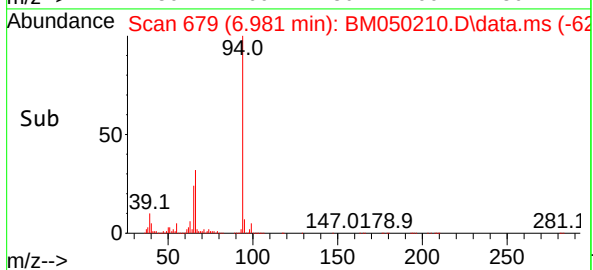
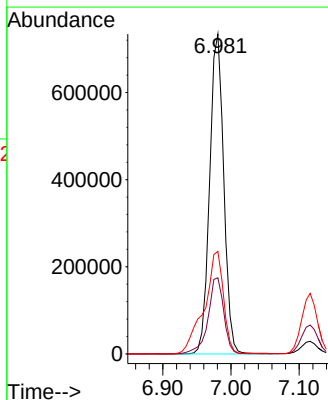
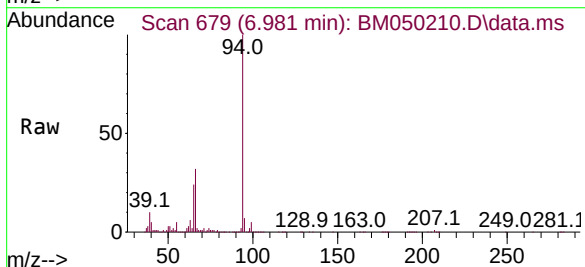
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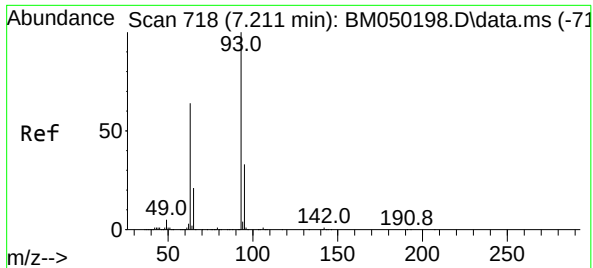
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#10
Phenol
Concen: 38.734 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

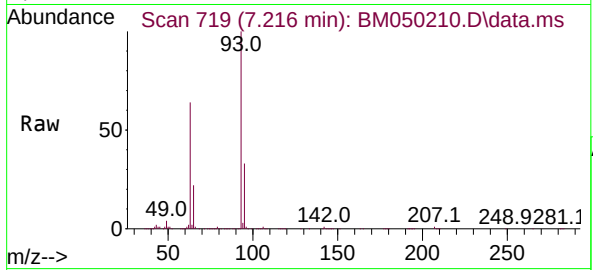
Tgt Ion: 94 Resp: 1055295
Ion Ratio Lower Upper
94 100
65 23.8 4.3 44.3
66 32.0 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 42.879 ng
RT: 7.216 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

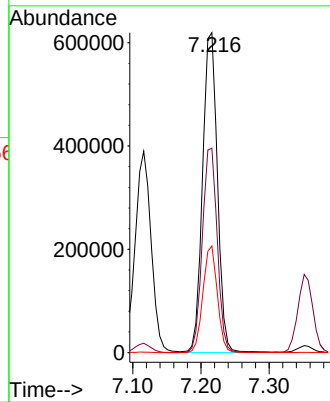
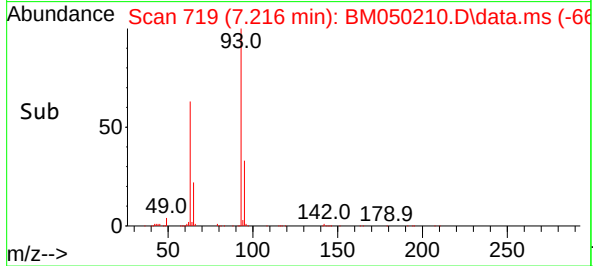
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 93 Resp: 939652
Ion Ratio Lower Upper
93 100
63 63.9 43.9 83.9
95 33.3 12.7 52.7

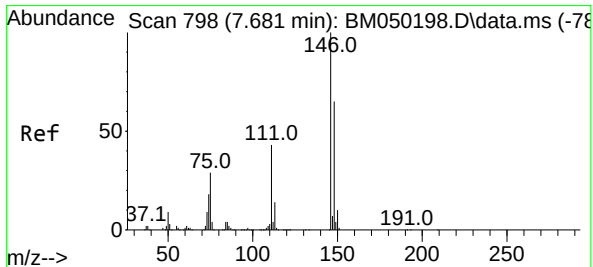
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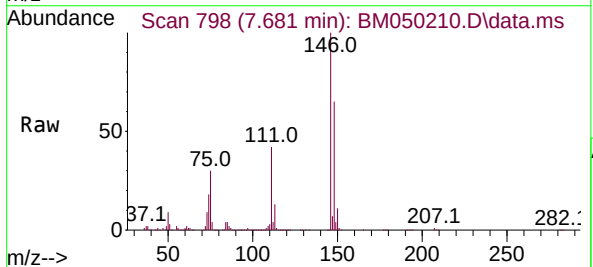


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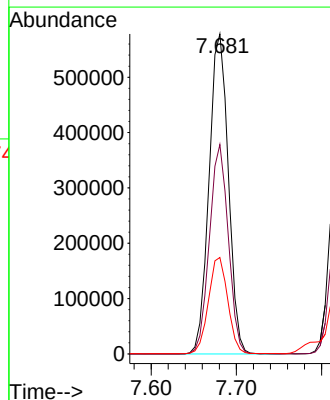
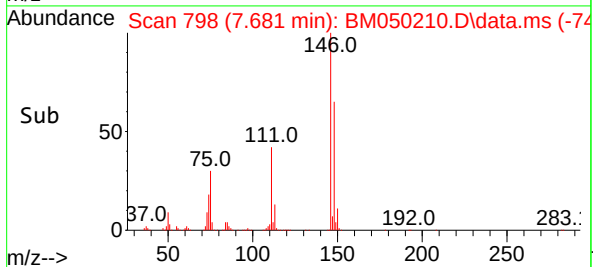
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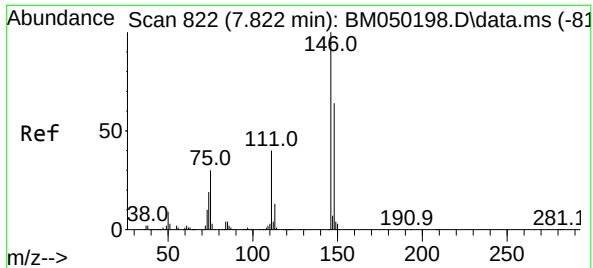


#12
1,3-Dichlorobenzene
Concen: 37.672 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



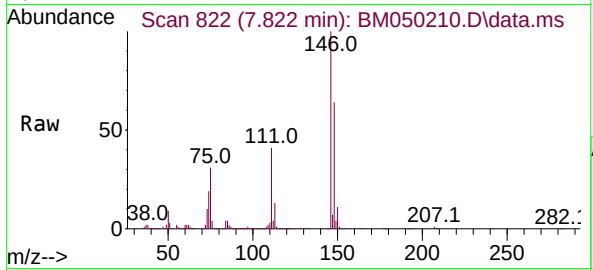
Tgt Ion:146 Resp: 906130
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 30.1 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 37.608 ng
RT: 7.822 min Scan# 822
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

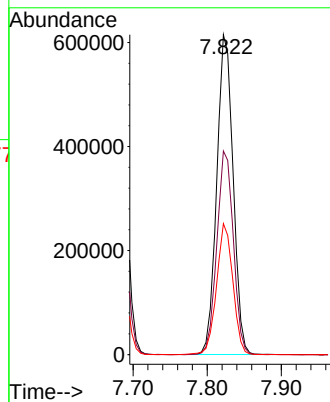
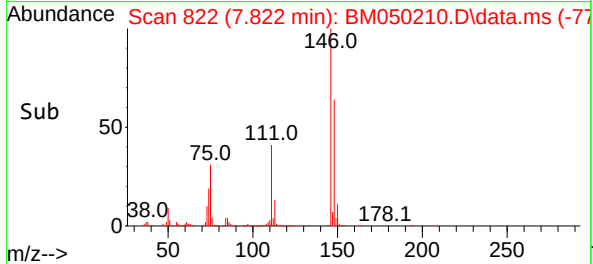
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:146 Resp: 941185
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 40.9 32.3 48.5

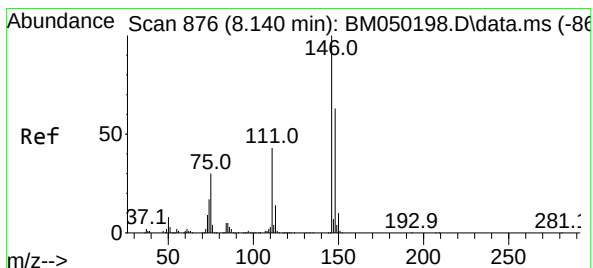
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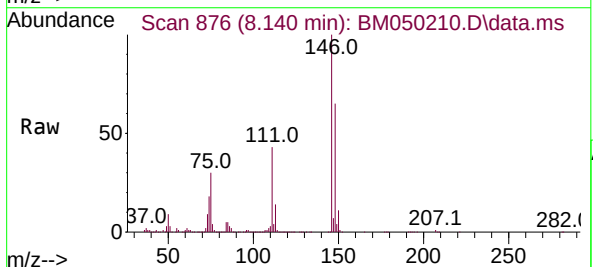


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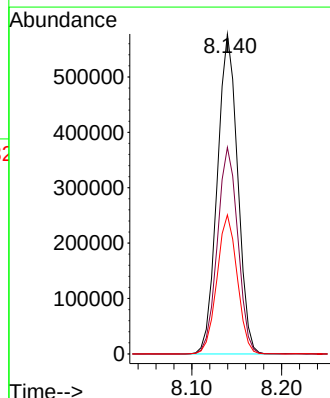
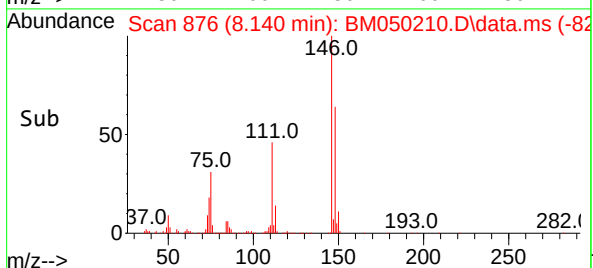
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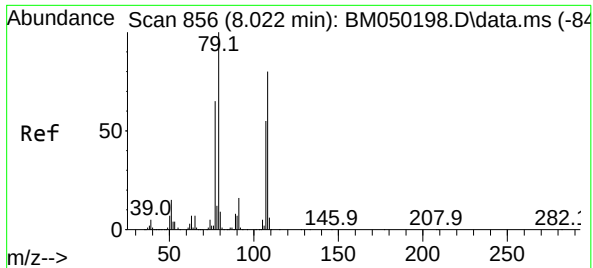


#14
1,2-Dichlorobenzene
Concen: 38.220 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



Tgt Ion:146 Resp: 911840
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
111 43.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.557 ng

RT: 8.022 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050210.D

Acq: 06 Jun 2025 12:06

Instrument :

BNA_M

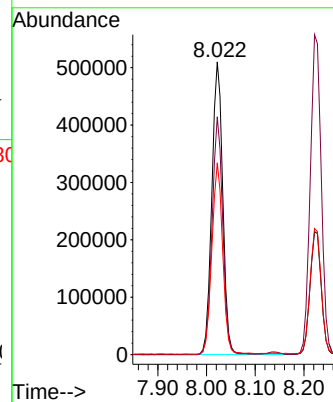
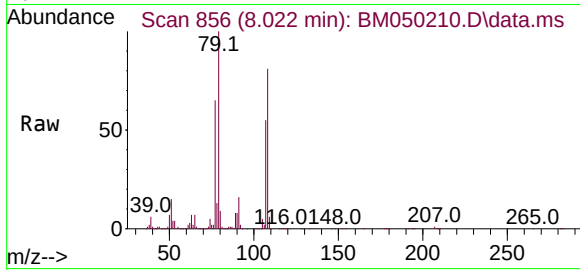
ClientSampleId :

B-187-SB01MS

Tgt Ion:	79	Resp:	79994
Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.0	96.0
77	65.5	52.2	78.2

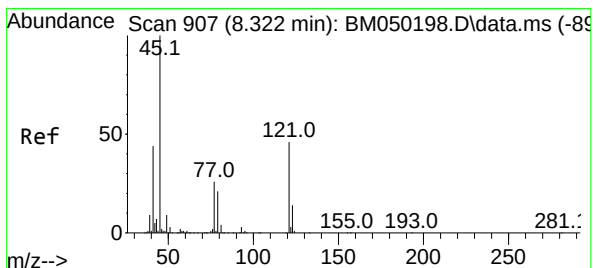
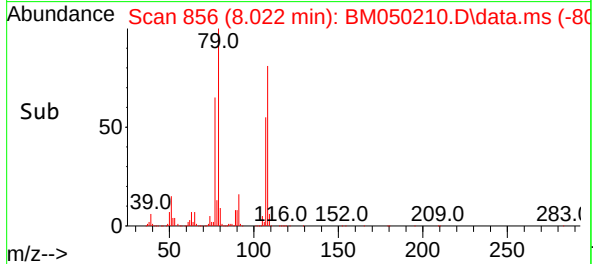
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.065 ng

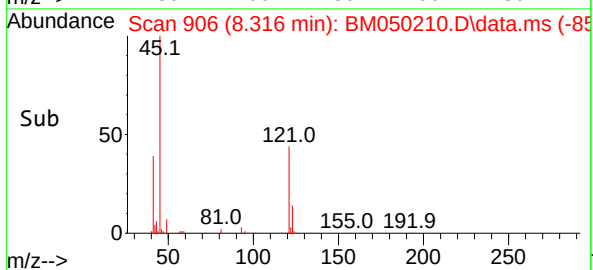
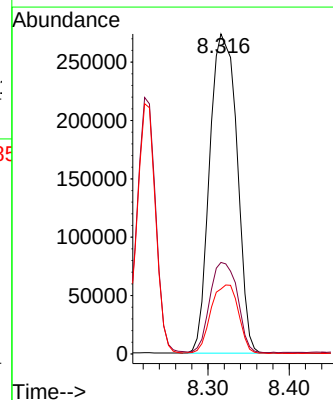
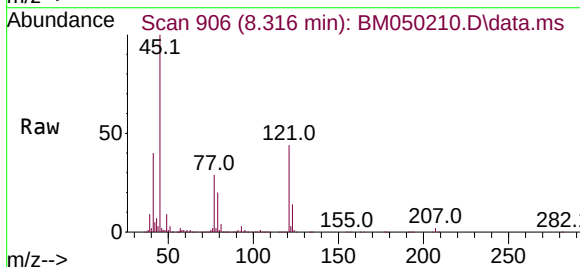
RT: 8.316 min Scan# 906

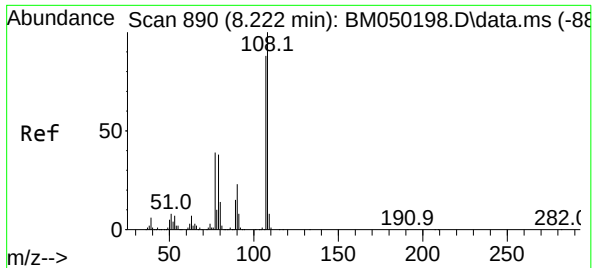
Delta R.T. -0.006 min

Lab File: BM050210.D

Acq: 06 Jun 2025 12:06

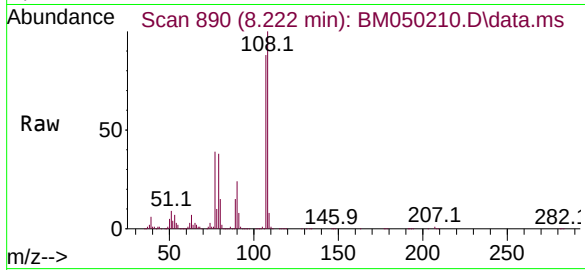
Tgt Ion:	45	Resp:	640359
Ion	Ratio	Lower	Upper
45	100		
77	28.6	8.7	48.7
79	20.3	2.7	42.7





#17
2-Methylphenol
Concen: 42.501 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

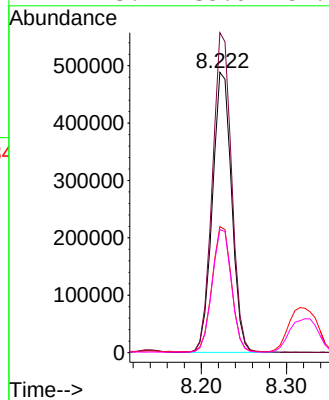
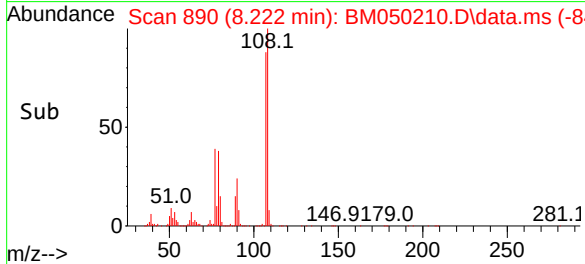
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:107 Resp: 764025
Ion Ratio Lower Upper
107 100
108 114.2 90.8 136.2
77 45.0 35.7 53.5
79 43.9 35.0 52.4

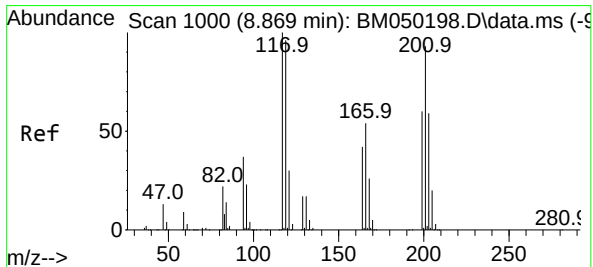
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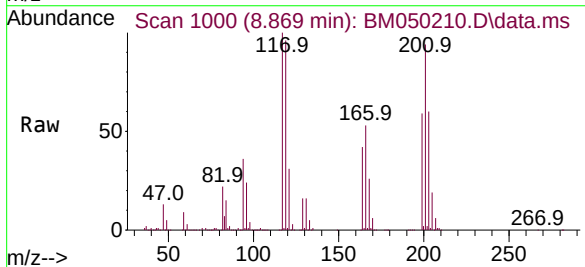


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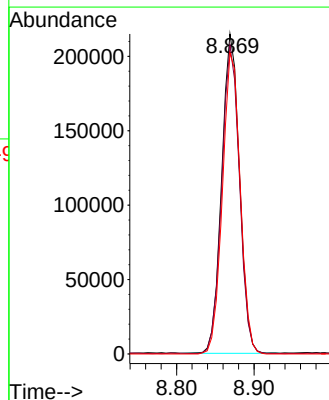
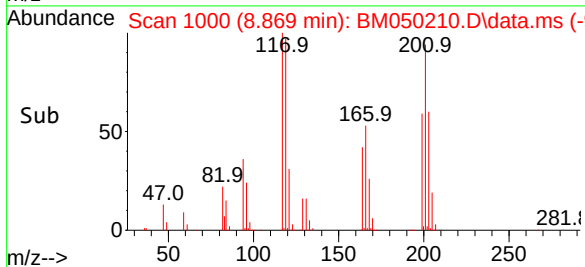
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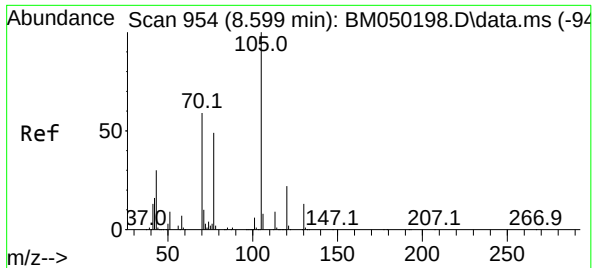


#18
Hexachloroethane
Concen: 37.893 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



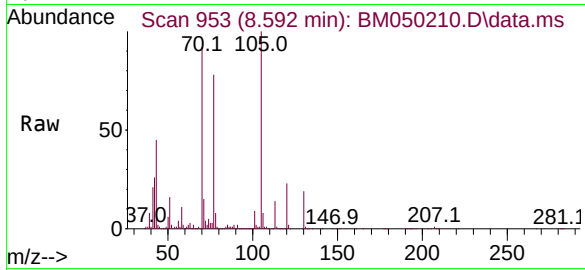
Tgt Ion:117 Resp: 343431
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 94.0 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.218 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

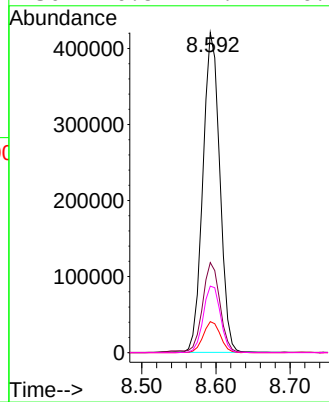
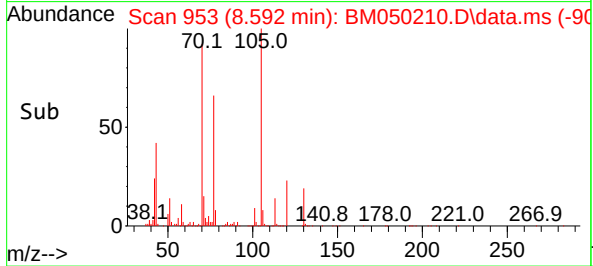
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 70 Resp: 665245
Ion Ratio Lower Upper
70 100
42 28.1 22.6 33.8
101 9.7 8.3 12.5
130 20.8 17.4 26.2

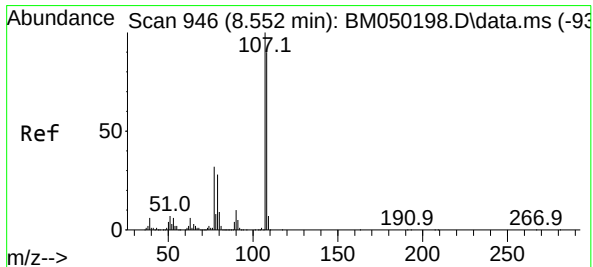
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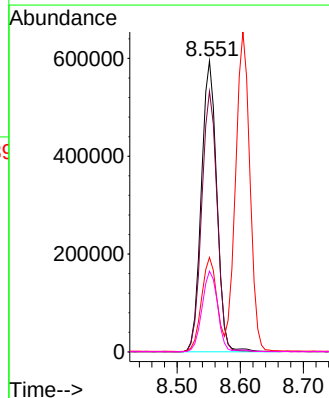
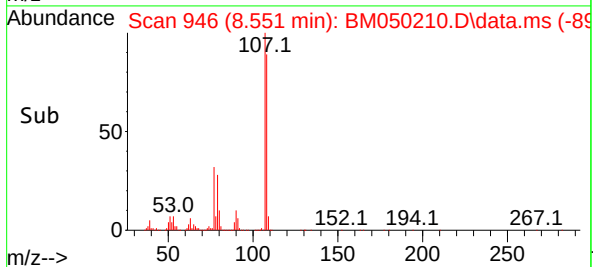
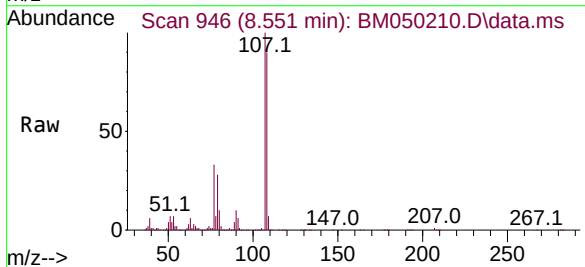
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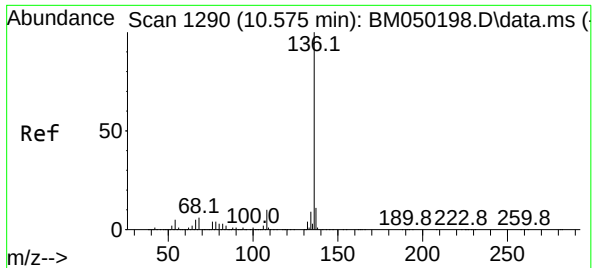
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#20
3+4-Methylphenols
Concen: 42.047 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

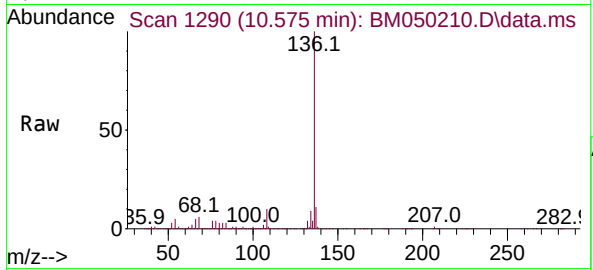
Tgt Ion:107 Resp: 1011265
Ion Ratio Lower Upper
107 100
108 89.6 70.4 110.4
77 32.5 12.2 52.2
79 27.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

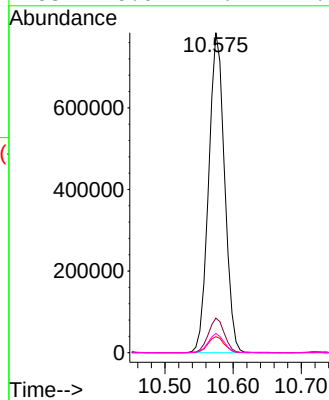
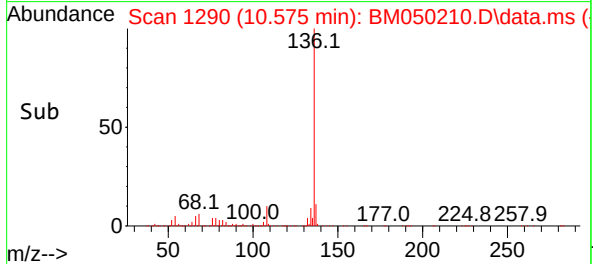
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:136 Resp: 1267565
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

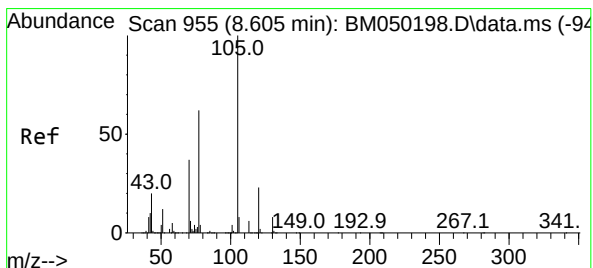
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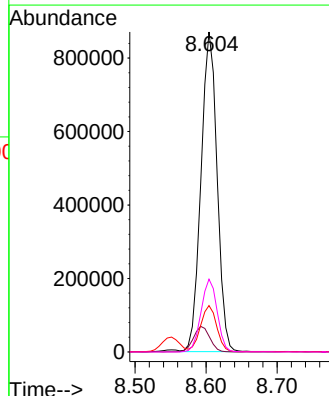
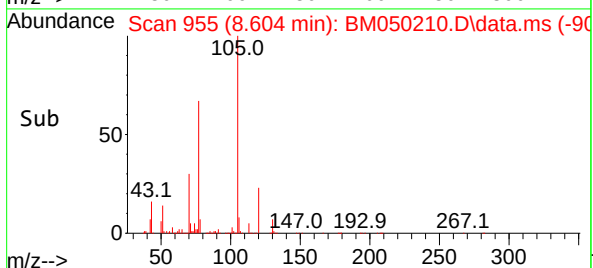
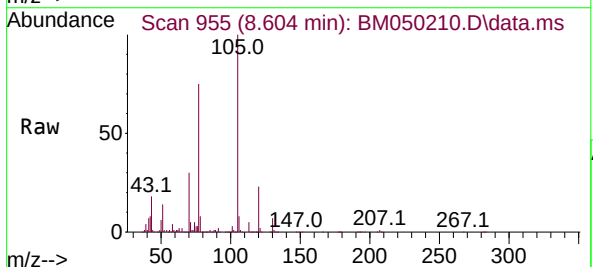
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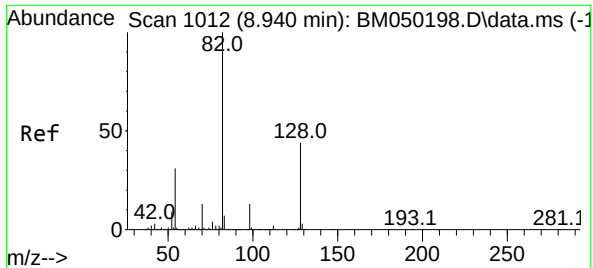
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#22
Acetophenone
Concen: 43.066 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

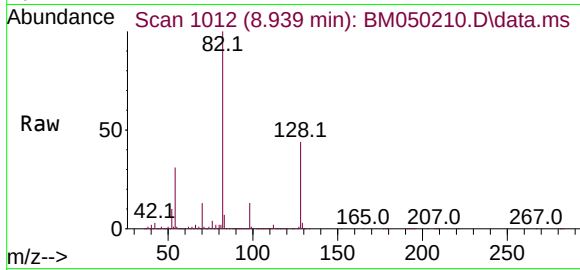
Tgt Ion:105 Resp: 1363804
Ion Ratio Lower Upper
105 100
71 4.9 5.0 7.4#
51 14.5 11.4 17.2
120 22.7 18.2 27.4





#23
Nitrobenzene-d5
Concen: 79.480 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

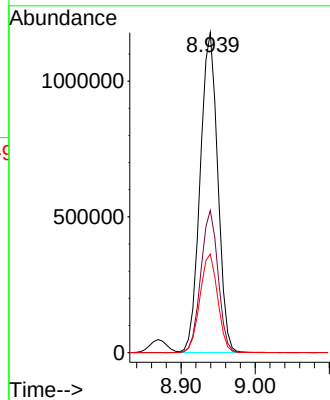
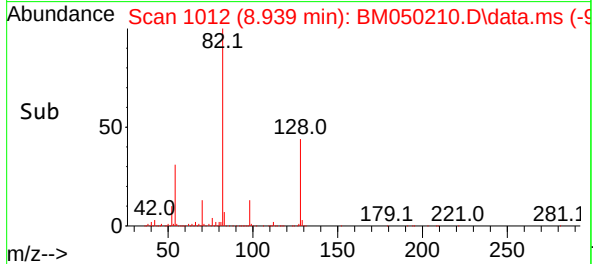
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 82 Resp: 1937115
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 30.8 24.5 36.7

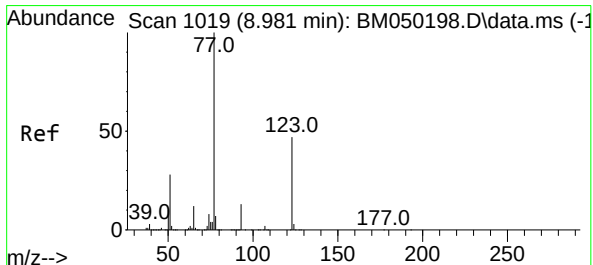
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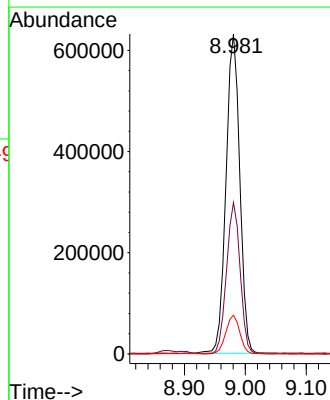
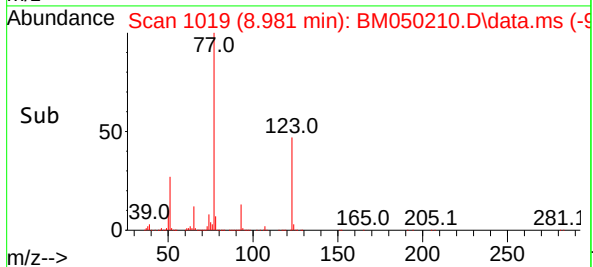
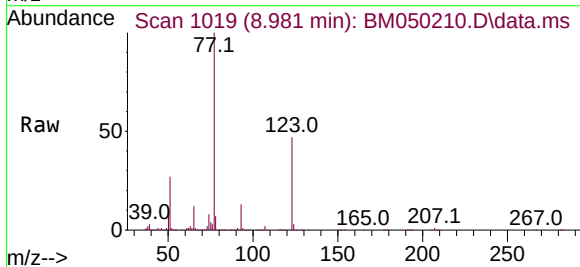
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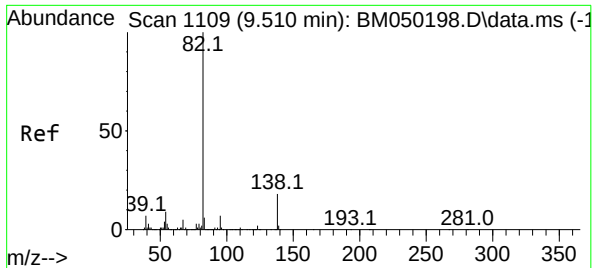
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#24
Nitrobenzene
Concen: 44.750 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

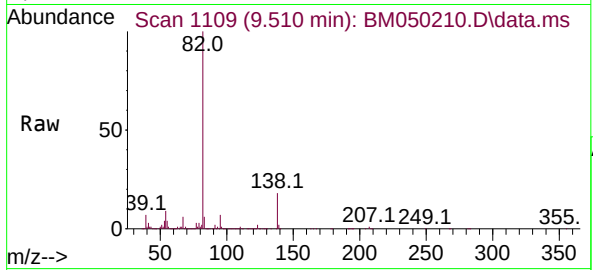
Tgt Ion: 77 Resp: 991933
Ion Ratio Lower Upper
77 100
123 47.3 38.2 57.2
65 12.1 9.5 14.3





#25
Isophorone
Concen: 43.833 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

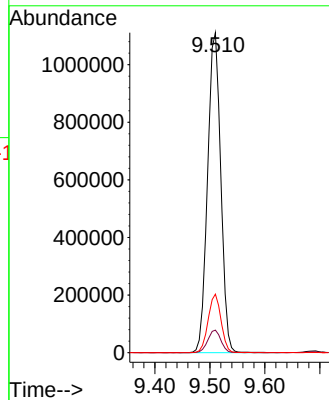
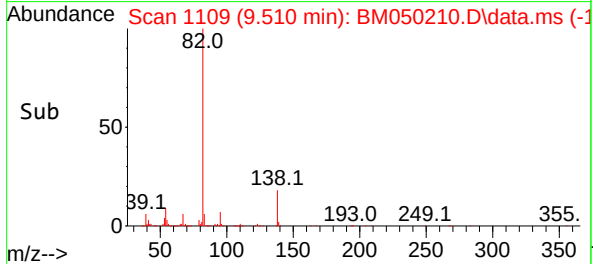
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 82 Resp: 1843904
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.3 14.2 21.2

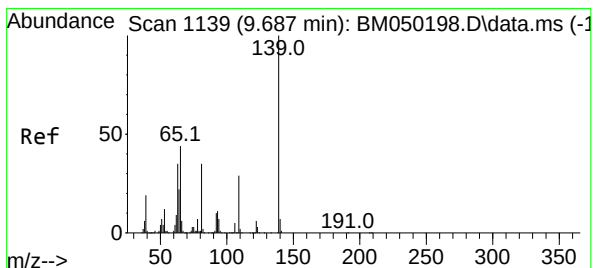
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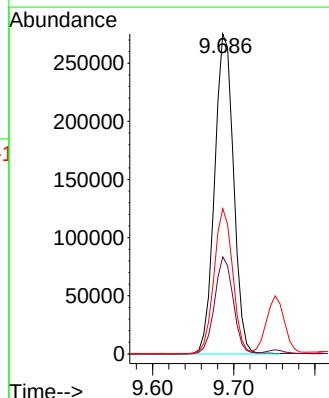
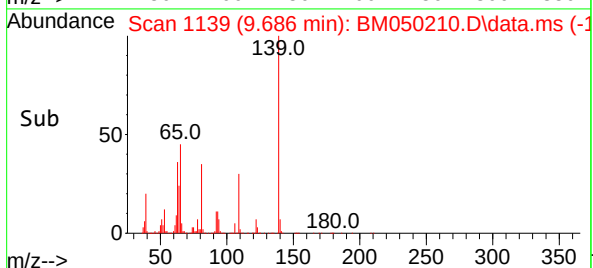
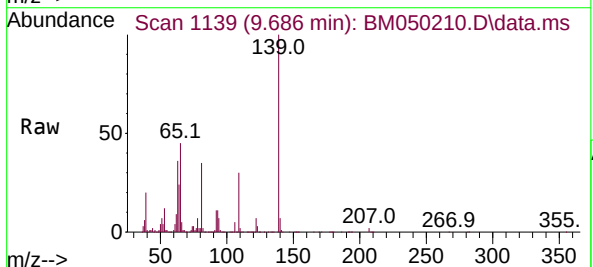
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Supervised By :Jagrut
Upadhyay

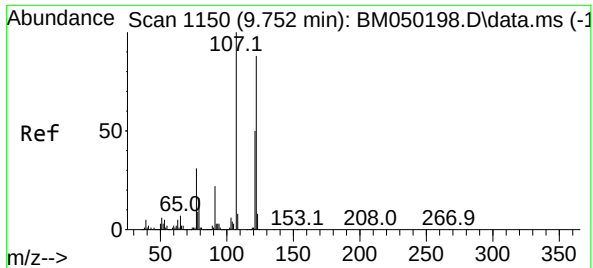
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#26
2-Nitrophenol
Concen: 46.634 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

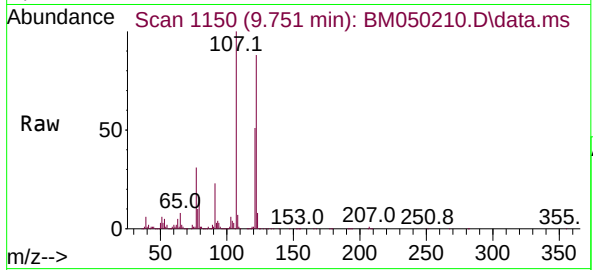
Tgt Ion:139 Resp: 446203
Ion Ratio Lower Upper
139 100
109 30.3 23.3 34.9
65 45.4 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 44.277 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

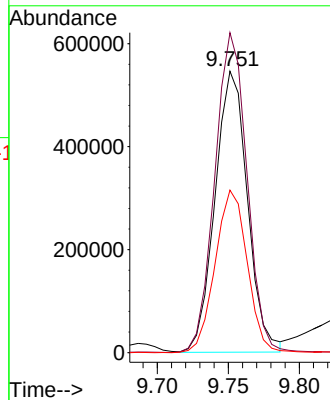
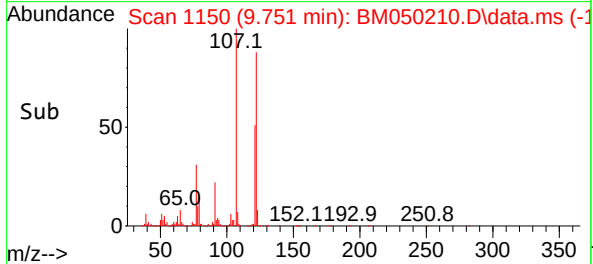
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:122 Resp: 870473
Ion Ratio Lower Upper
122 100
107 113.7 91.0 136.6
121 57.7 45.8 68.6

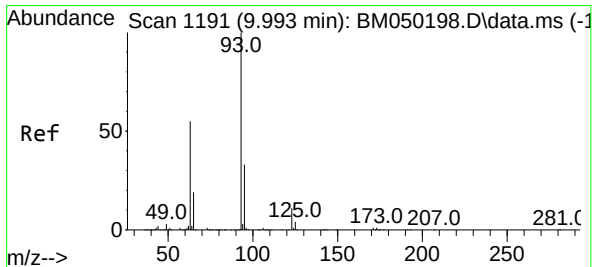
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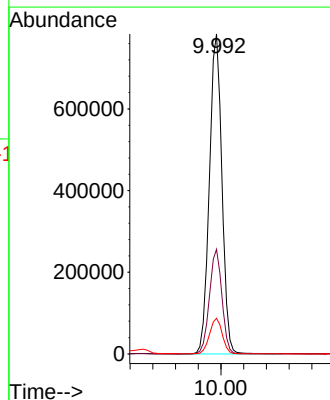
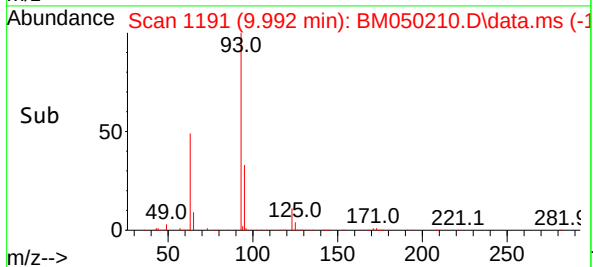
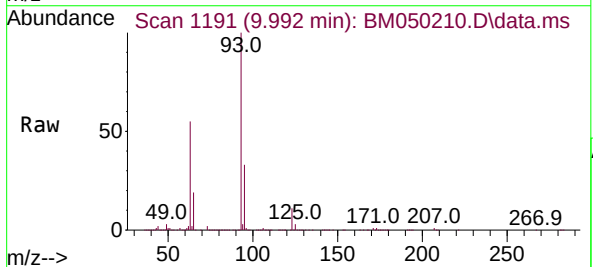
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Upadhyay

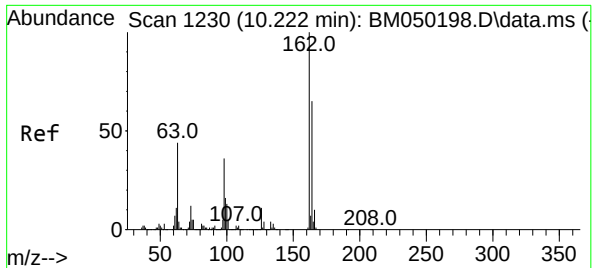
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#28
bis(2-Chloroethoxy)methane
Concen: 43.804 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

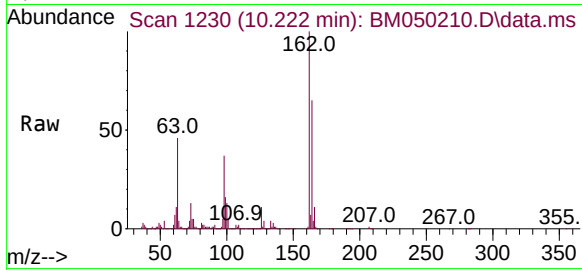
Tgt Ion: 93 Resp: 1203792
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.1 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.159 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

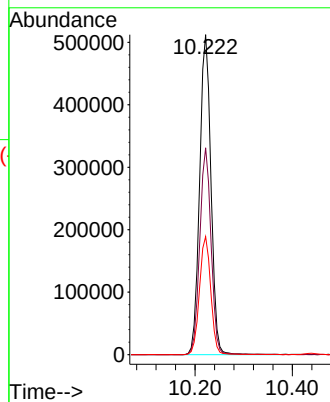
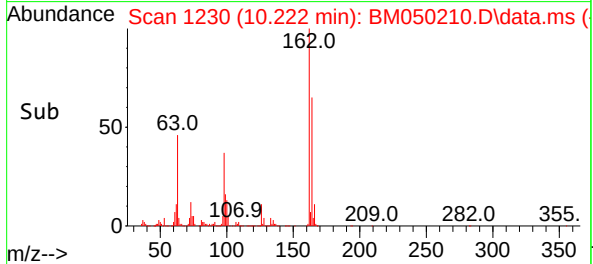
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:162 Resp: 821582
Ion Ratio Lower Upper
162 100
164 64.6 45.0 85.0
98 36.9 16.3 56.3

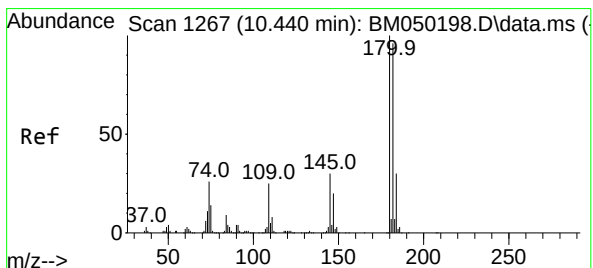
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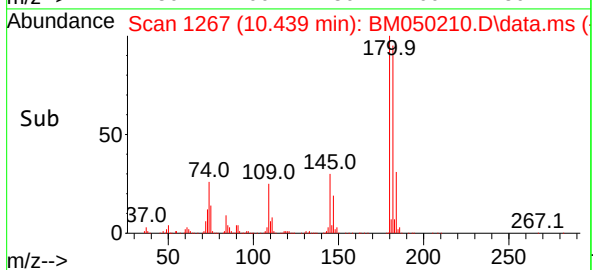
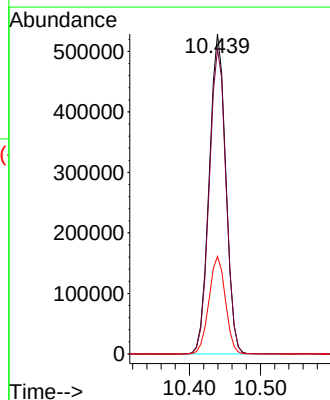
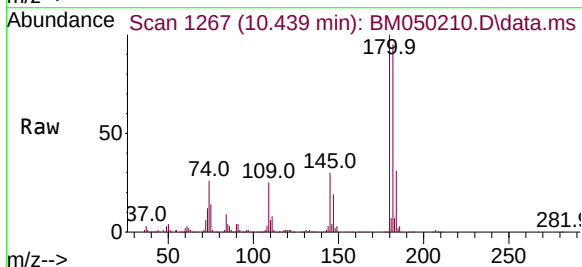
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Upadhyay

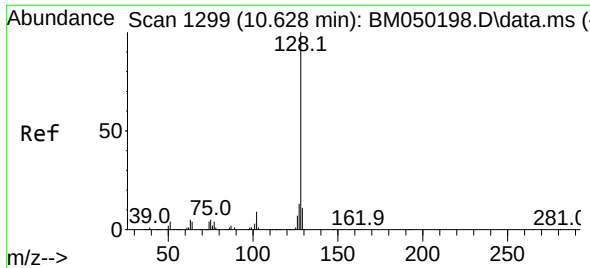
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#30
1,2,4-Trichlorobenzene
Concen: 42.191 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

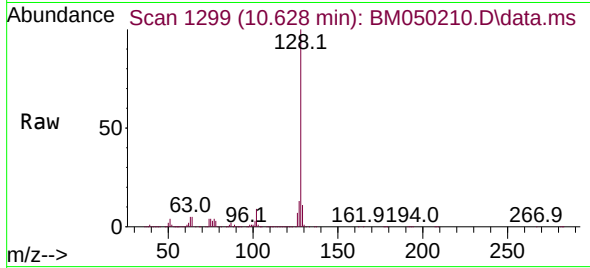
Tgt Ion:180 Resp: 854167
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
145 30.5 24.2 36.4





#31
Naphthalene
Concen: 42.102 ng
RT: 10.628 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

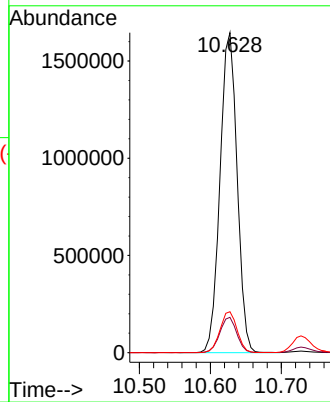
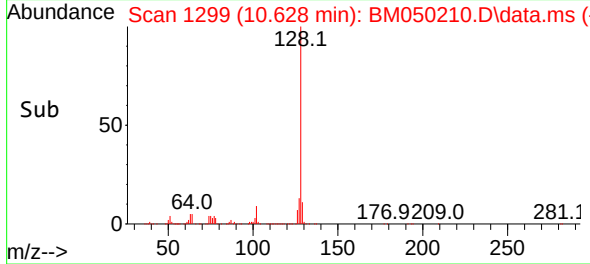
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:128 Resp: 2759166
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.4

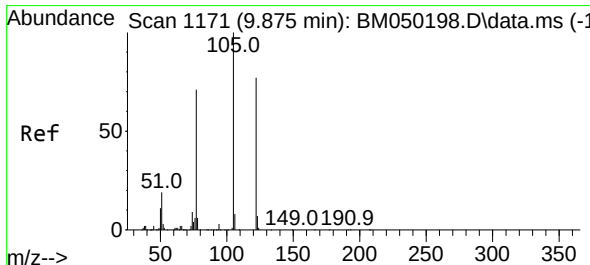
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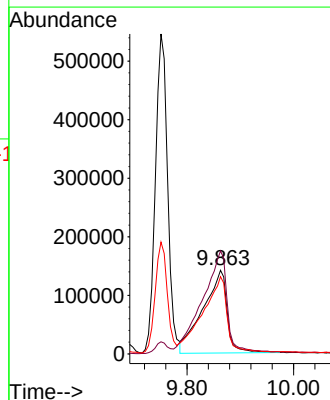
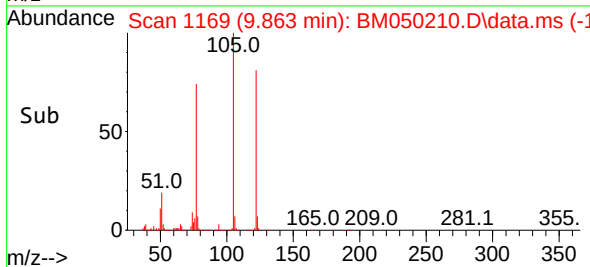
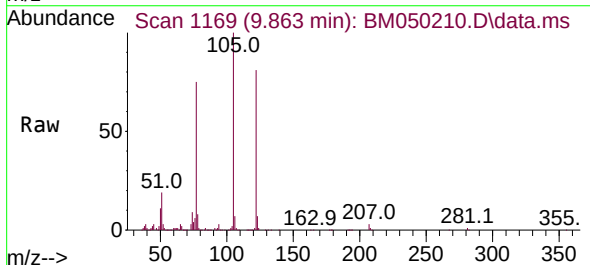
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Upadhyay

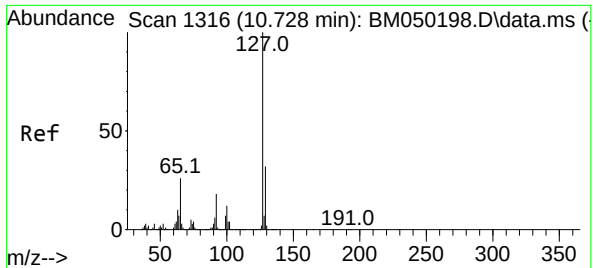
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#32
Benzoic acid
Concen: 36.282 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.053 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

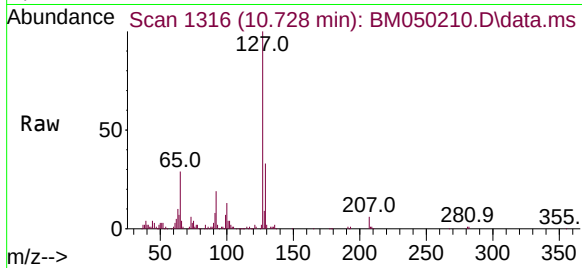
Tgt Ion:122 Resp: 448266
Ion Ratio Lower Upper
122 100
105 123.2 103.4 143.4
77 92.4 70.3 110.3





#33
4-Chloroaniline
Concen: 5.938 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

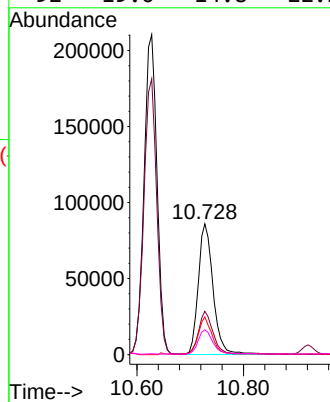
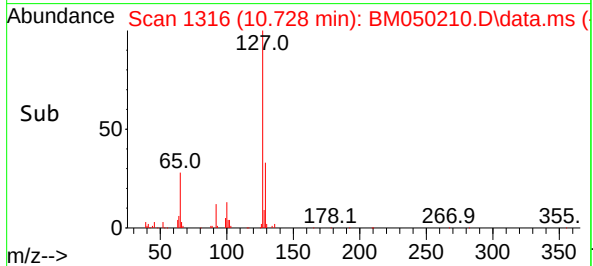
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:127 Resp: 165910
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0
65 28.9 21.0 31.4
92 19.0 14.8 22.2

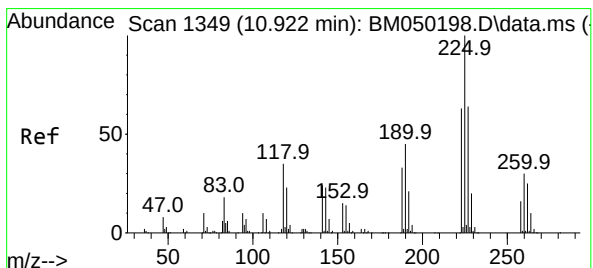
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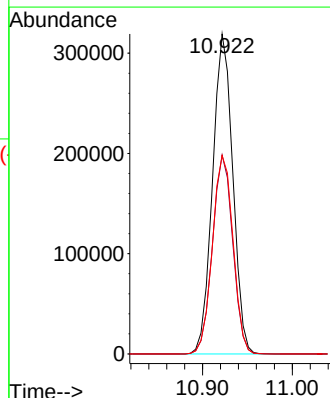
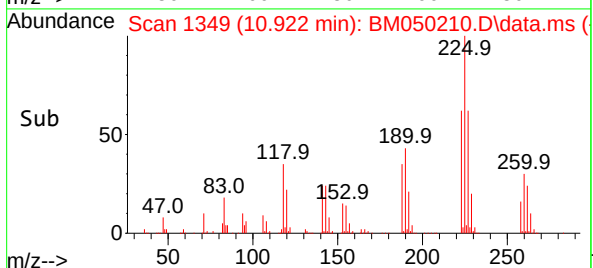
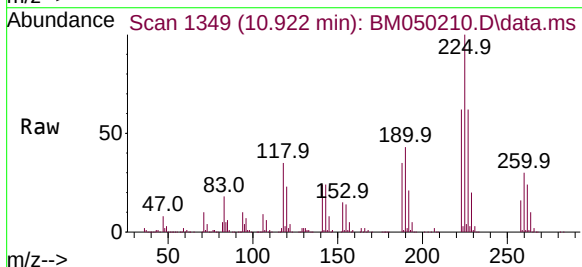
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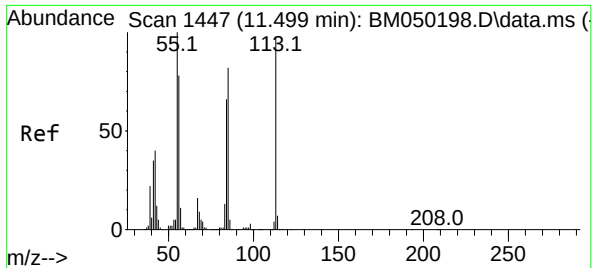
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#34
Hexachlorobutadiene
Concen: 41.472 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

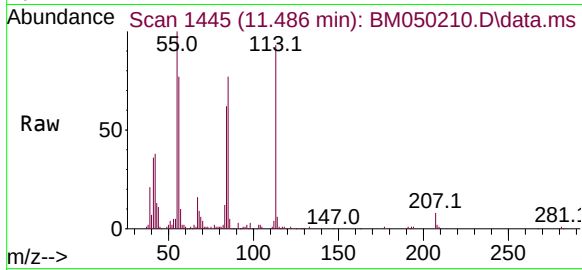
Tgt Ion:225 Resp: 499405
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.2
227 62.0 51.0 76.4





#35
Caprolactam
Concen: 35.286 ng
RT: 11.486 min Scan# 1445
Delta R.T. -0.035 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

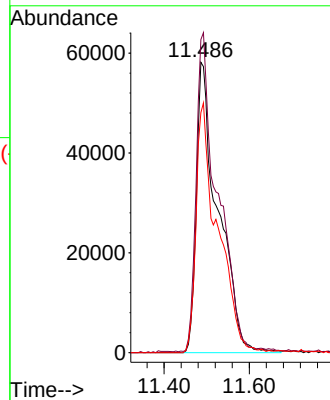
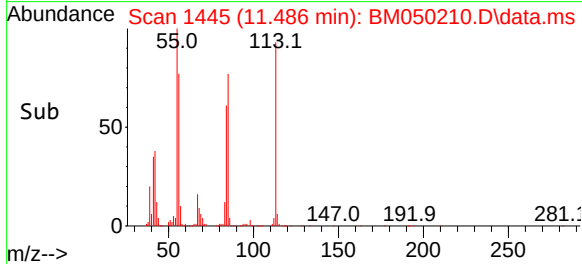
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:113 Resp: 203525
Ion Ratio Lower Upper
113 100
55 107.8 83.5 123.5
56 82.6 60.6 100.6

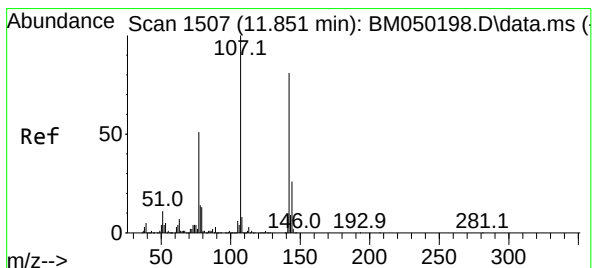
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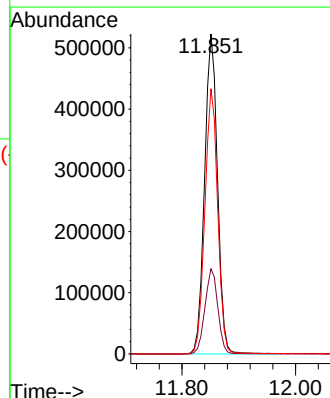
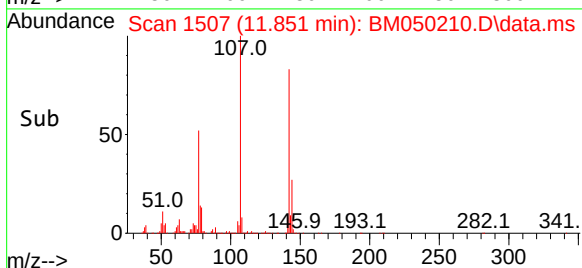
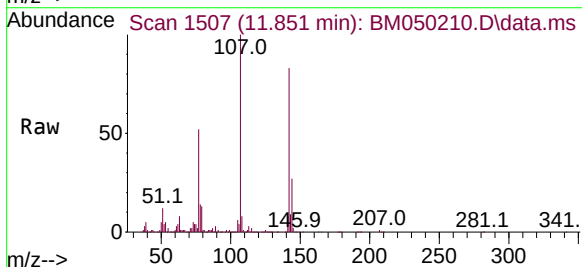
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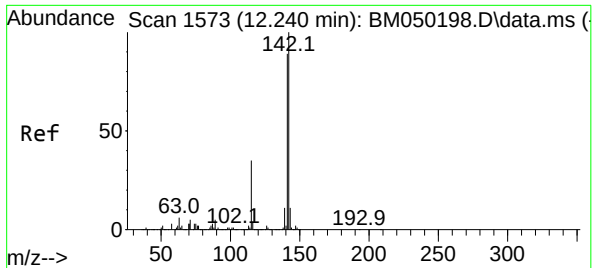
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#36
4-Chloro-3-methylphenol
Concen: 42.538 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

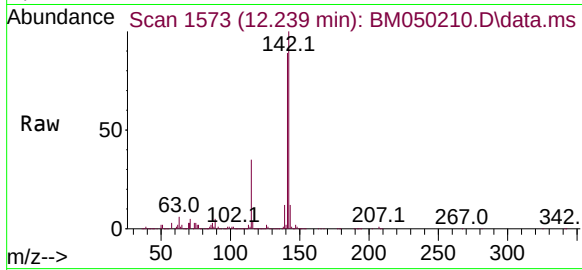
Tgt Ion:107 Resp: 825779
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 82.9 64.8 97.2





#37
2-Methylnaphthalene
Concen: 42.792 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

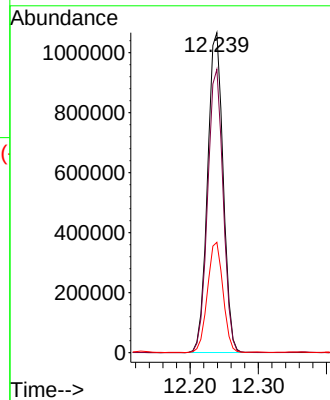
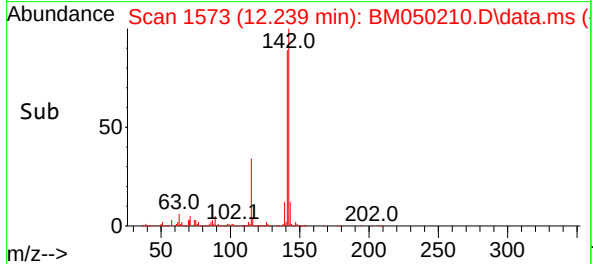
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:142 Resp: 1691822
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 34.5 27.8 41.8

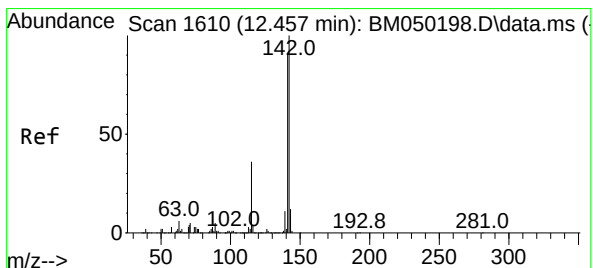
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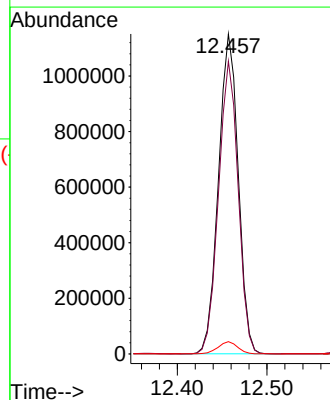
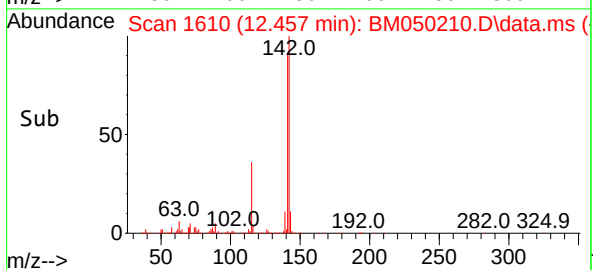
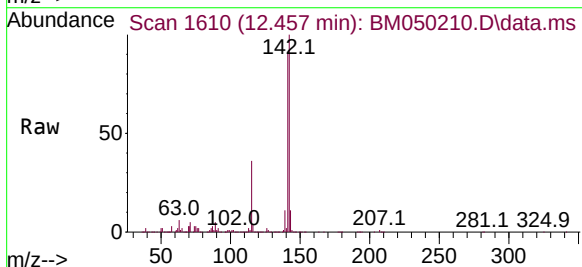
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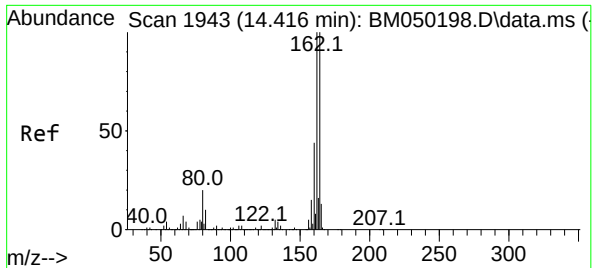
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#38
1-Methylnaphthalene
Concen: 41.999 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

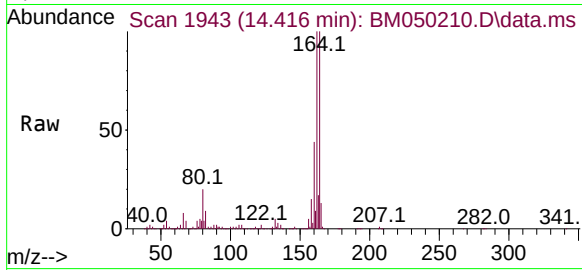
Tgt Ion:142 Resp: 1762386
Ion Ratio Lower Upper
142 100
141 91.5 72.9 109.3
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

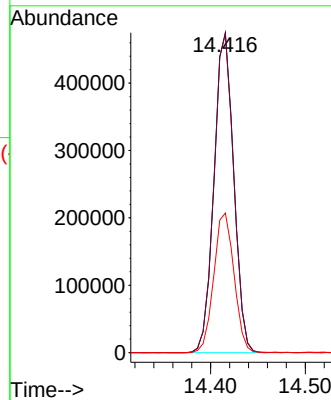
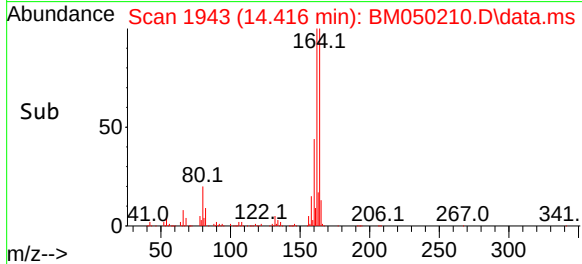
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:164 Resp: 684776
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 43.6 35.7 53.5

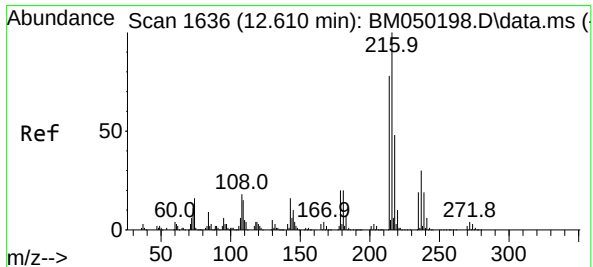
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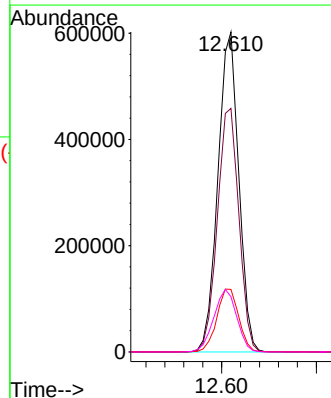
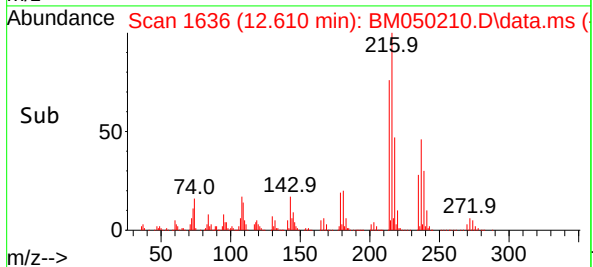
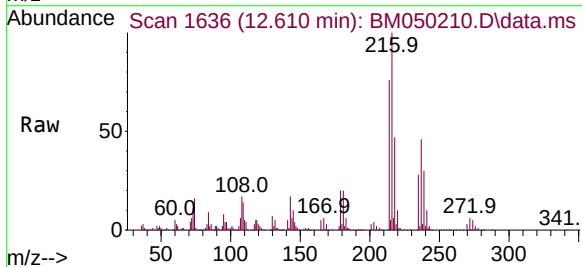
06/09/2025
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Upadhyay

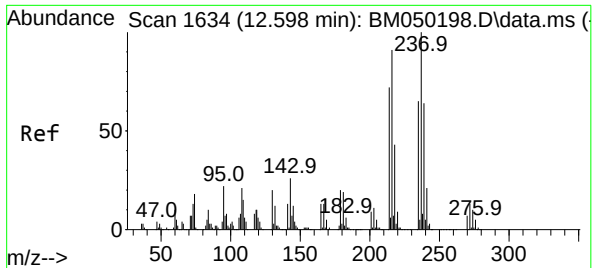
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.506 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

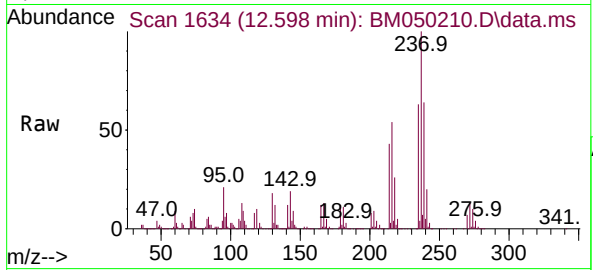
Tgt Ion:216 Resp: 919589
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 16.6 25.0
108 21.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 91.922 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

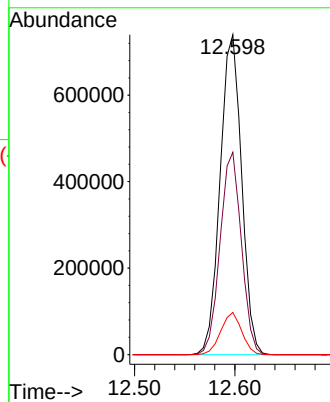
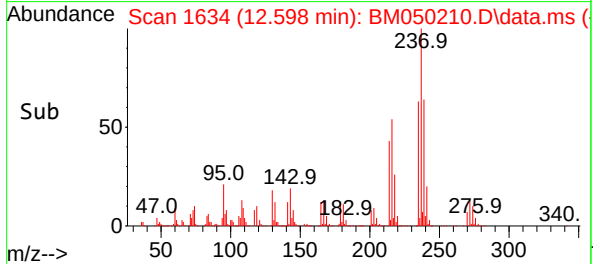
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:237 Resp: 1103835
Ion Ratio Lower Upper
237 100
235 63.2 44.6 84.6
272 13.2 0.0 33.1

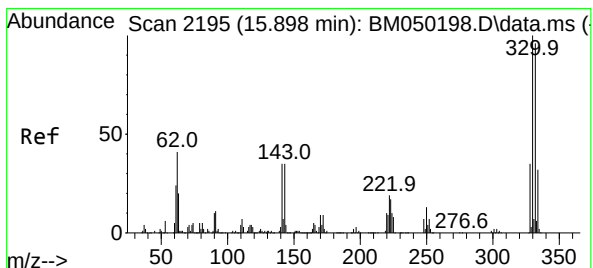
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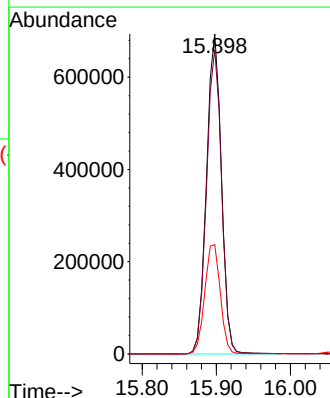
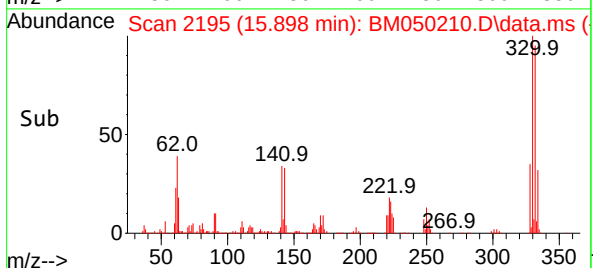
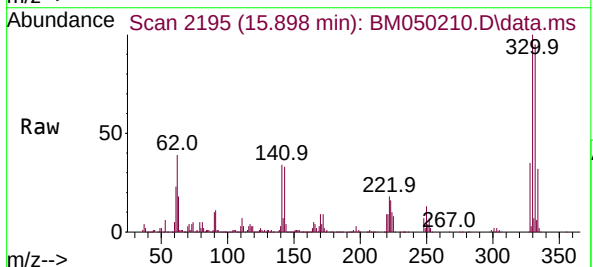
06/09/2025
Supervised By :Jagrut
Upadhyay

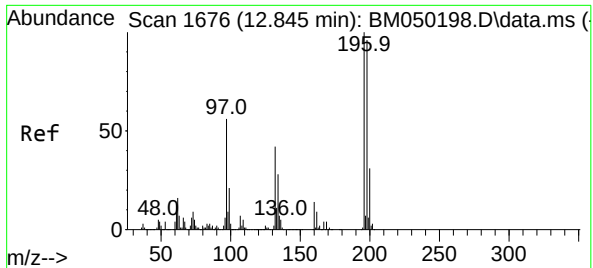
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#42
2,4,6-Tribromophenol
Concen: 124.470 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

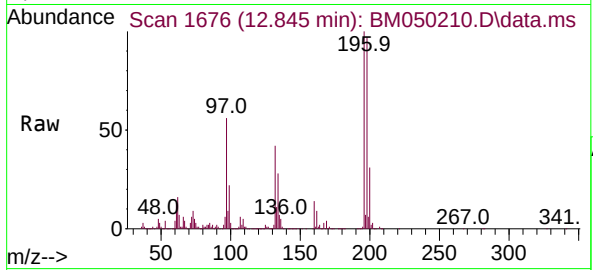
Tgt Ion:330 Resp: 969471
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 35.8 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 47.742 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

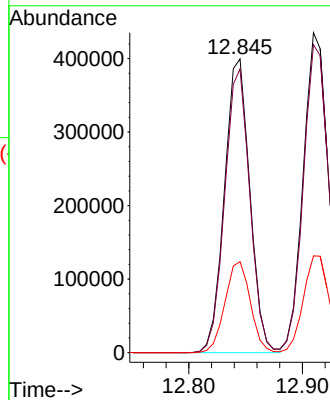
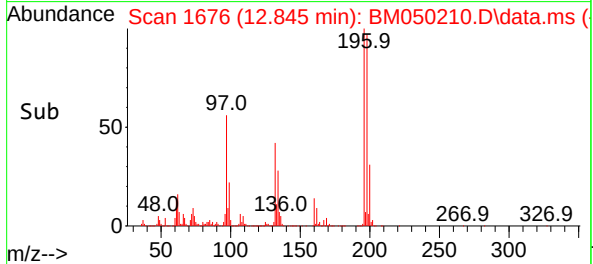
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:196 Resp: 620811
Ion Ratio Lower Upper
196 100
198 96.6 76.6 115.0
200 31.0 24.5 36.7

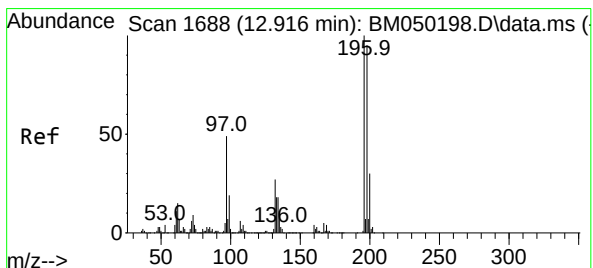
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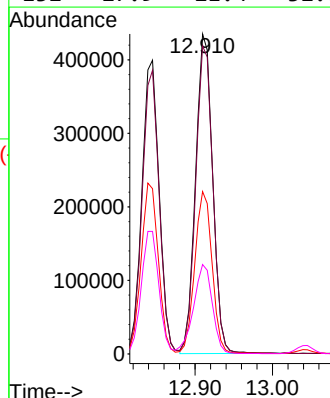
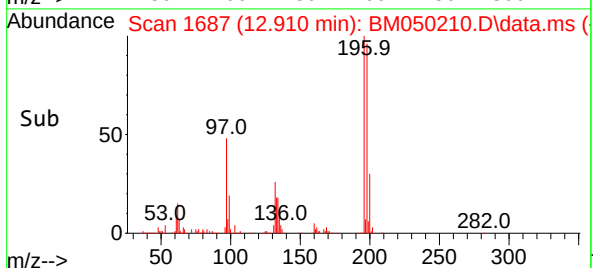
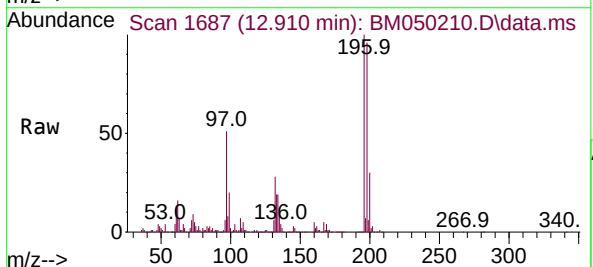
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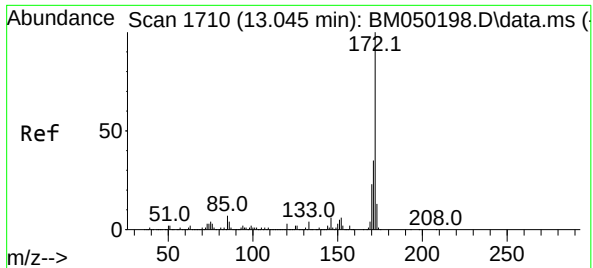
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#44
2,4,5-Trichlorophenol
Concen: 46.729 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

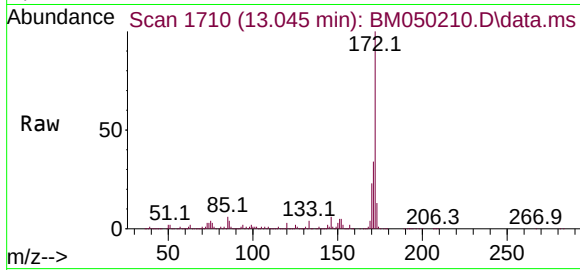
Tgt Ion:196 Resp: 667141
Ion Ratio Lower Upper
196 100
198 96.3 76.1 114.1
97 50.7 39.3 58.9
132 27.9 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 77.659 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

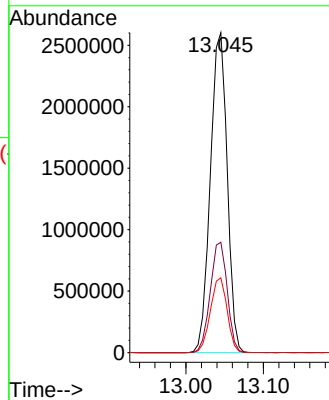
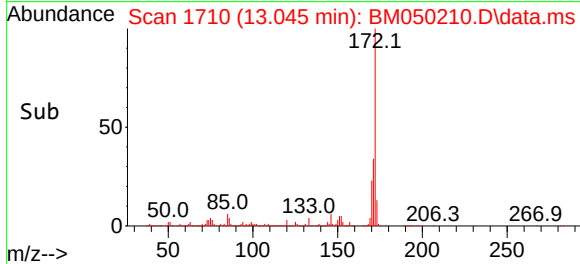
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:172 Resp: 3927928
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 27.8

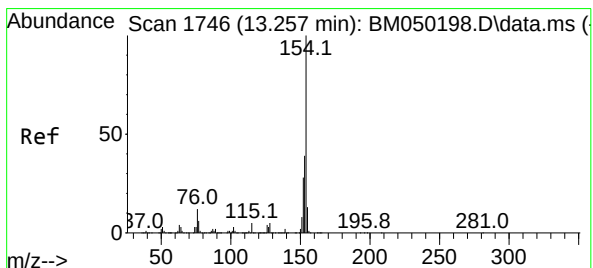
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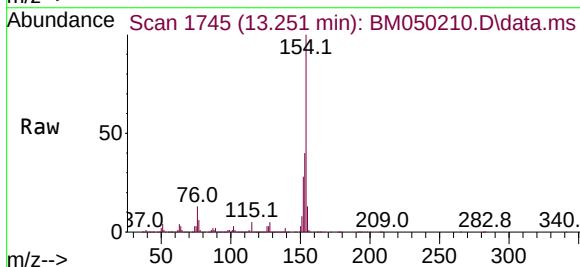


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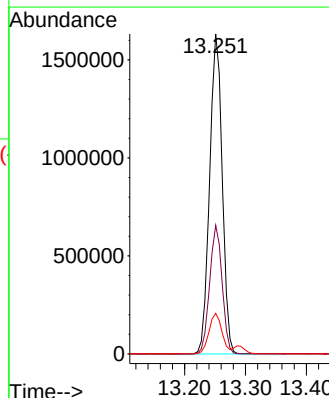
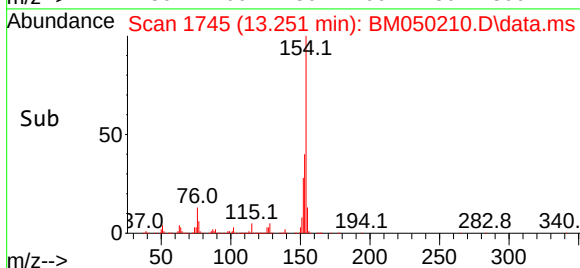
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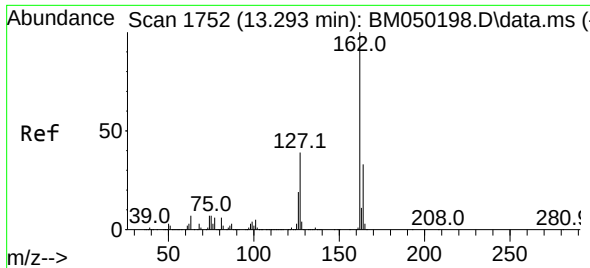


#46
1,1'-Biphenyl
Concen: 45.666 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



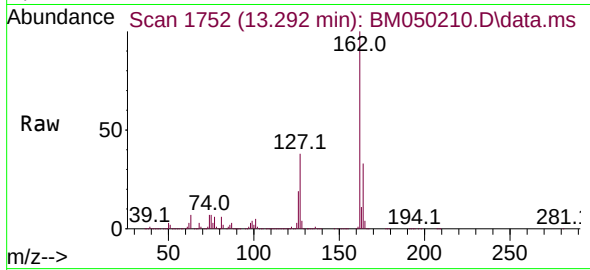
Tgt Ion:154 Resp: 2341527
Ion Ratio Lower Upper
154 100
153 40.2 19.2 59.2
76 12.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 44.977 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

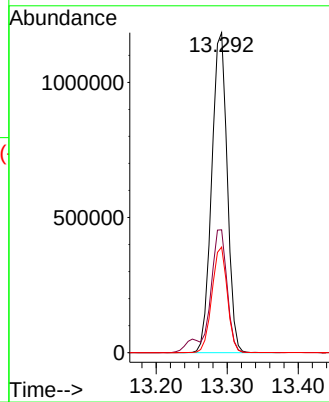
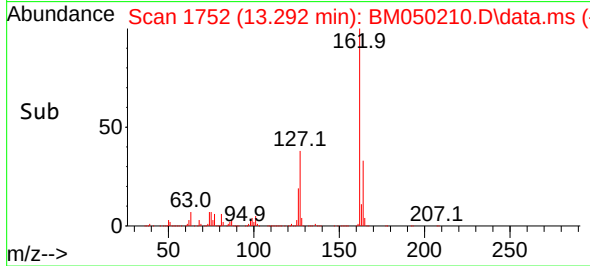
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:162 Resp: 1792919
Ion Ratio Lower Upper
162 100
127 38.4 31.1 46.7
164 33.0 26.5 39.7

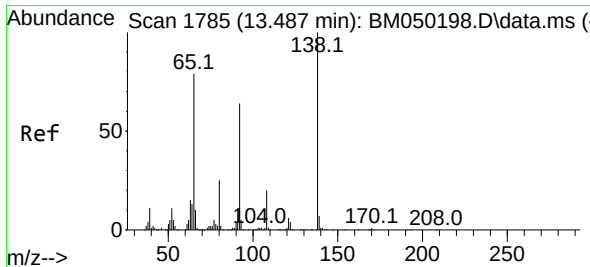
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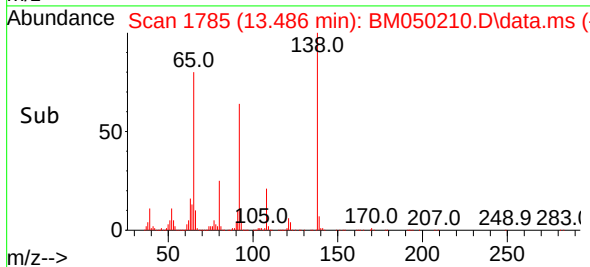
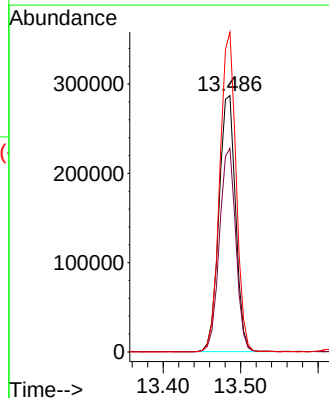
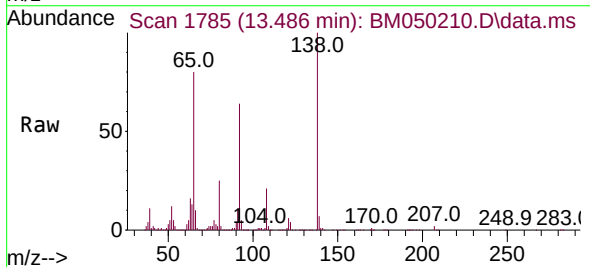
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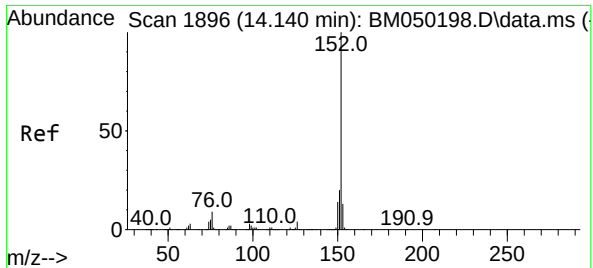
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#48
2-Nitroaniline
Concen: 48.737 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

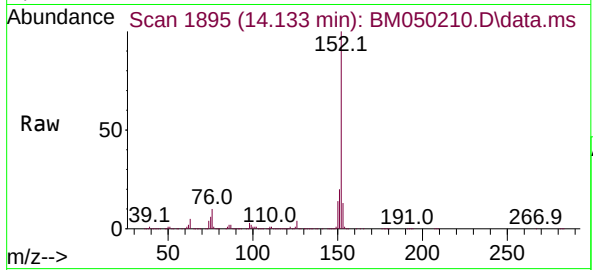
Tgt Ion: 65 Resp: 427535
Ion Ratio Lower Upper
65 100
92 79.4 64.2 96.4
138 124.8 101.0 151.4





#49
Acenaphthylene
Concen: 45.228 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

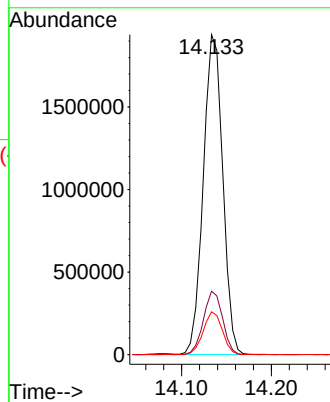
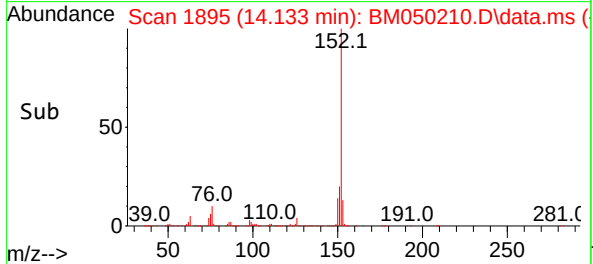
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:152 Resp: 2916115
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.4 10.4 15.6

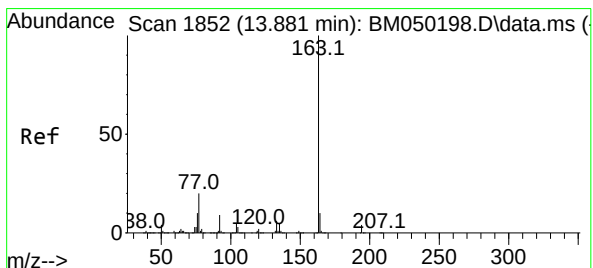
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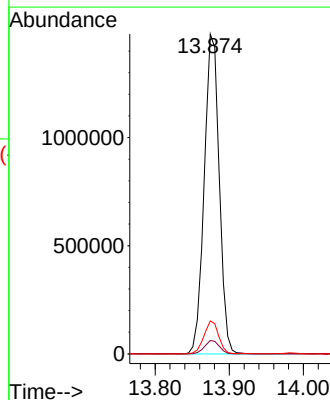
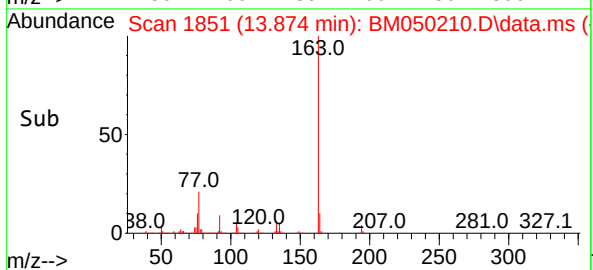
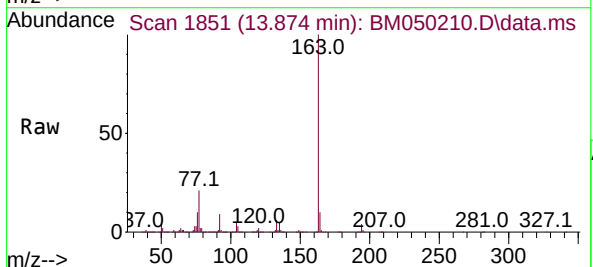
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Upadhyay

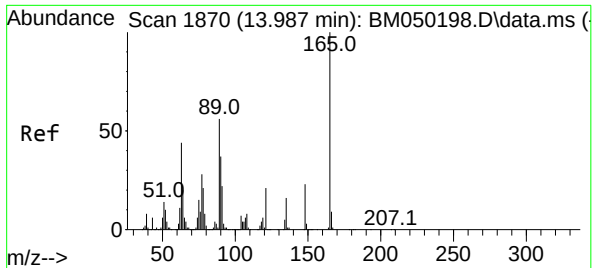
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#50
Dimethylphthalate
Concen: 44.866 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

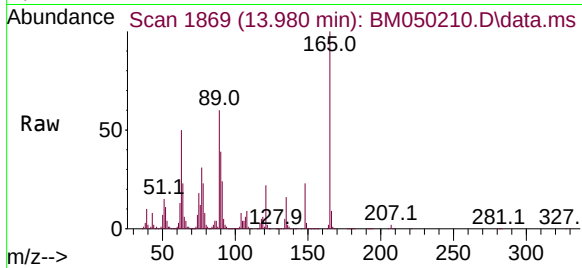
Tgt Ion:163 Resp: 2077786
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.330 ng
RT: 13.980 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

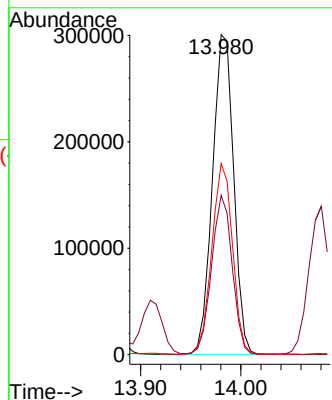
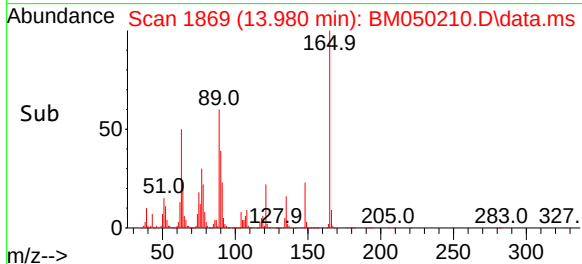
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:165 Resp: 442037
Ion Ratio Lower Upper
165 100
63 49.7 35.8 53.6
89 59.7 44.8 67.2

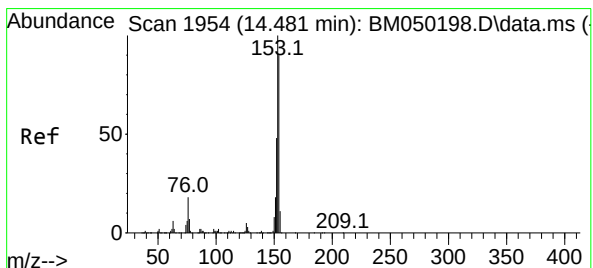
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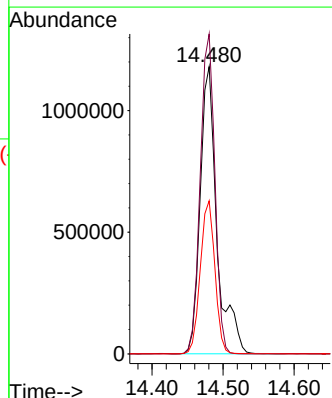
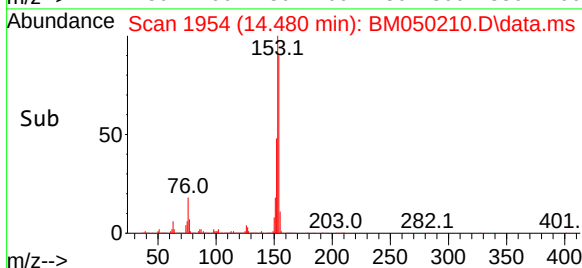
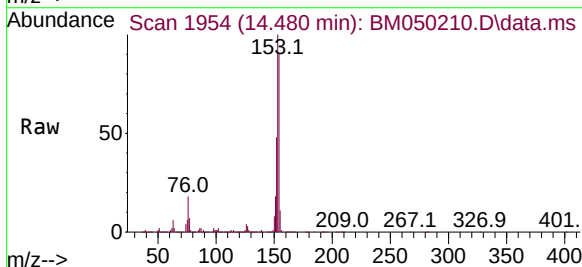
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Upadhyay

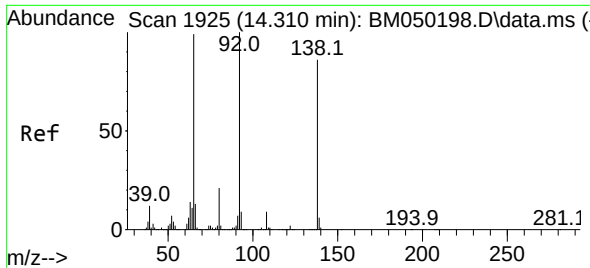
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#52
Acenaphthene
Concen: 47.868 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

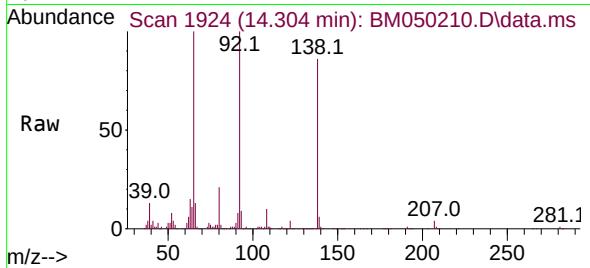
Tgt Ion:154 Resp: 1930436
Ion Ratio Lower Upper
154 100
153 111.4 88.7 133.1
152 53.3 42.6 63.8





#53
3-Nitroaniline
Concen: 17.901 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

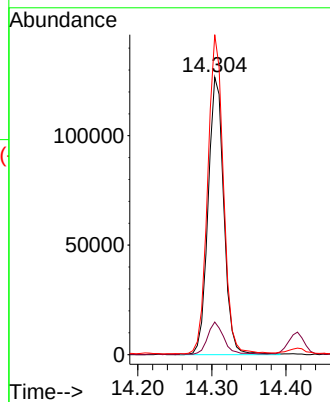
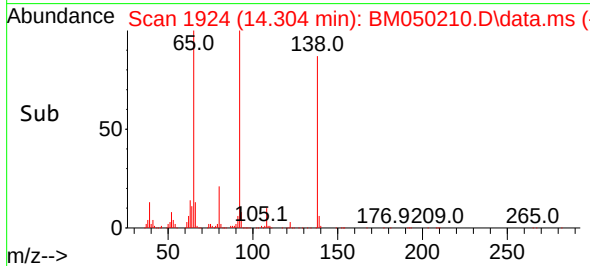
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:138 Resp: 186328
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 115.4 92.9 139.3

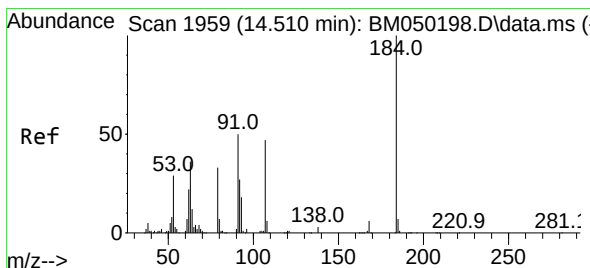
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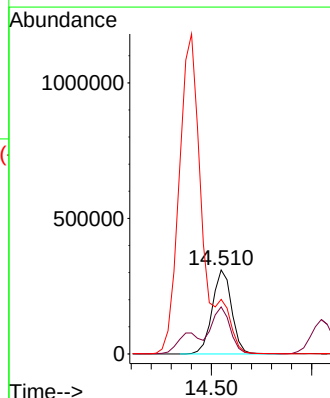
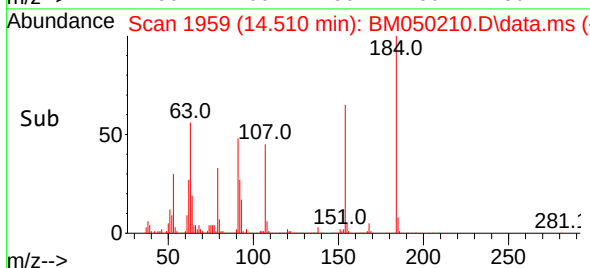
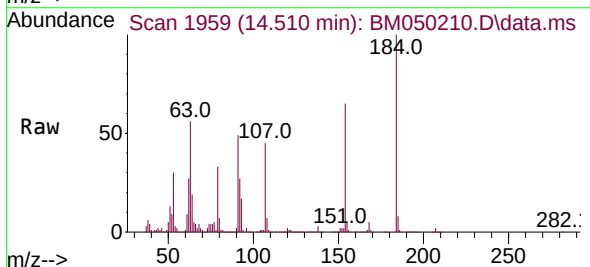
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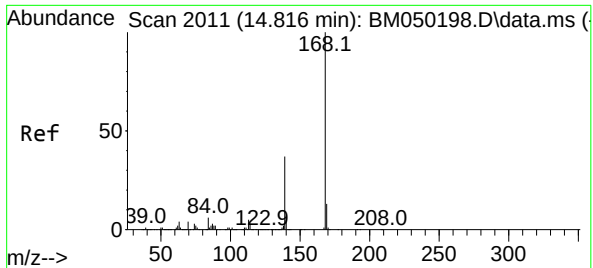
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#54
2,4-Dinitrophenol
Concen: 74.958 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

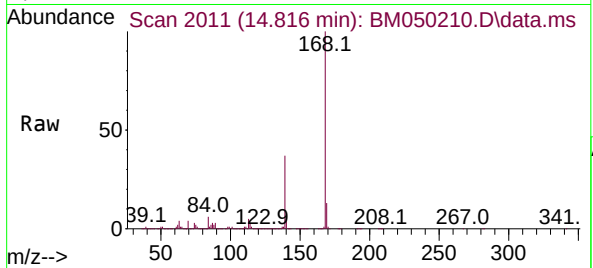
Tgt Ion:184 Resp: 415808
Ion Ratio Lower Upper
184 100
63 55.9 45.3 67.9
154 64.9 54.3 81.5





#55
Dibenzofuran
Concen: 44.043 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

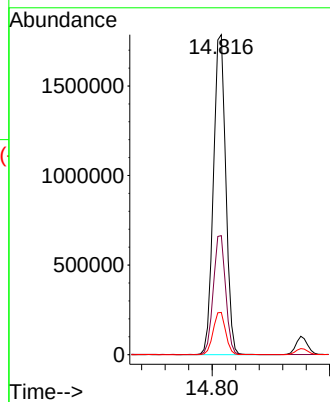
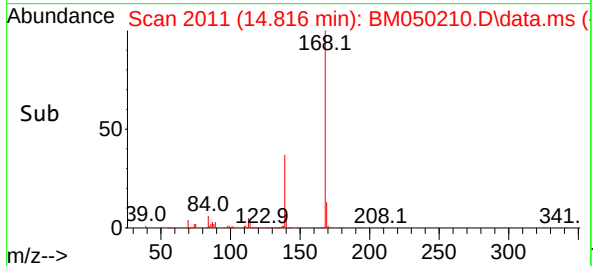
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:168 Resp: 2598540
Ion Ratio Lower Upper
168 100
139 37.2 29.9 44.9
169 13.2 10.6 16.0

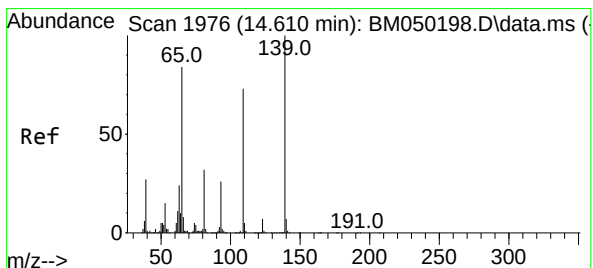
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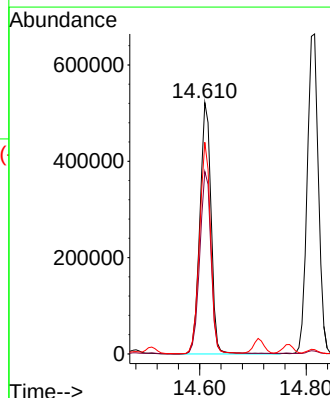
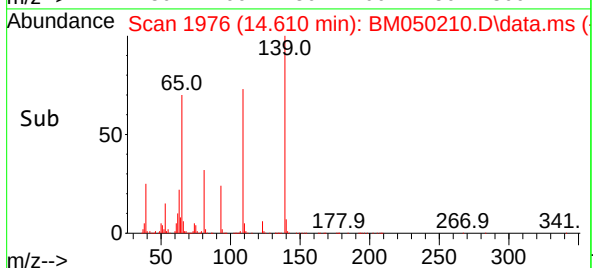
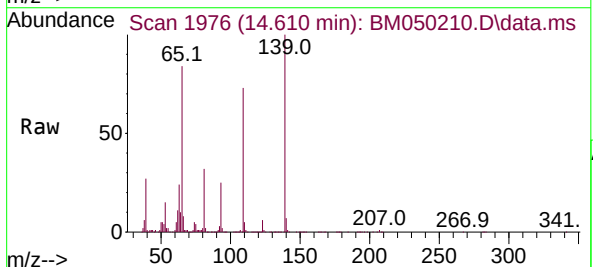
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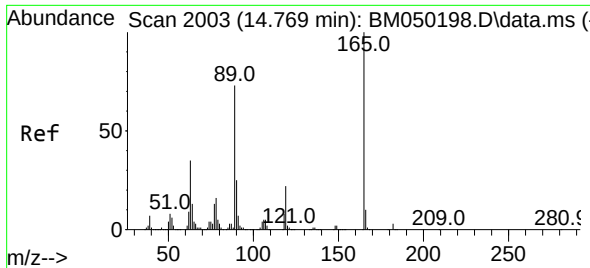
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#56
4-Nitrophenol
Concen: 85.759 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

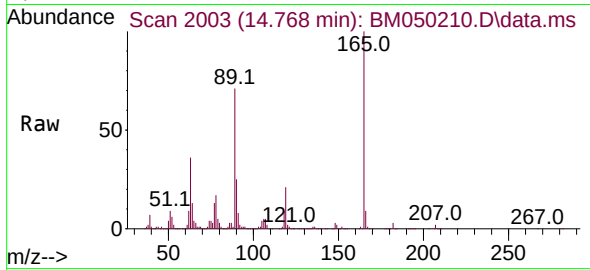
Tgt Ion:139 Resp: 759762
Ion Ratio Lower Upper
139 100
109 72.5 52.6 92.6
65 84.3 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 48.787 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

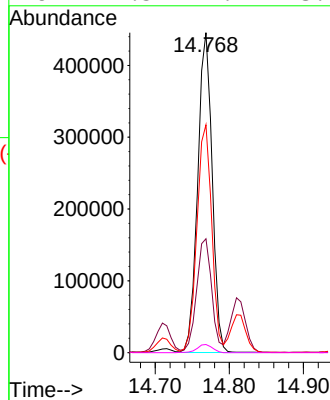
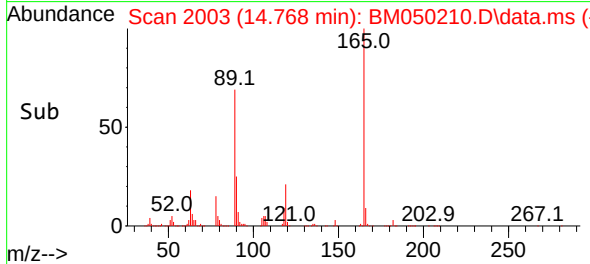
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:165 Resp: 601051
Ion Ratio Lower Upper
165 100
63 35.6 28.4 42.6
89 71.2 58.0 87.0
182 2.5 2.2 3.2

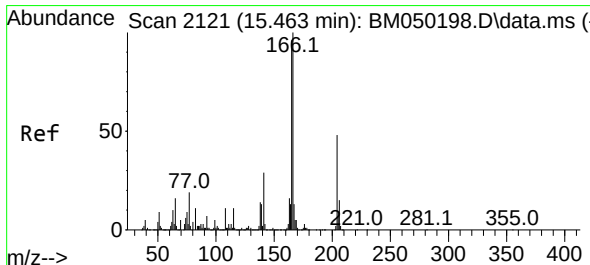
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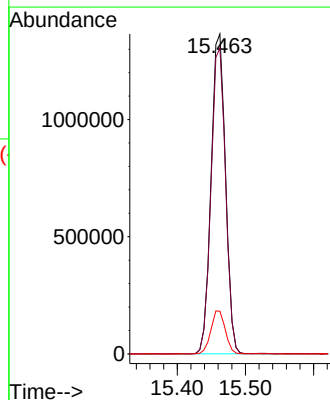
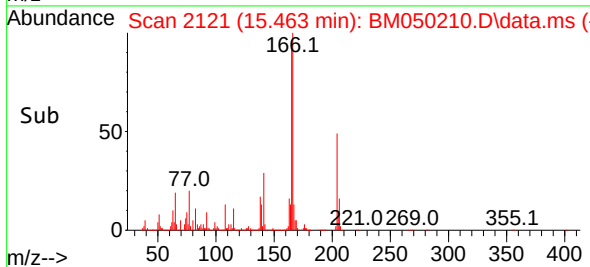
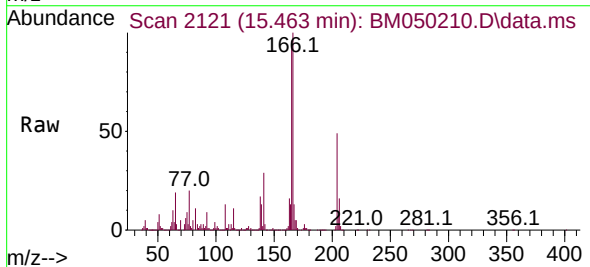
06/09/2025
Supervised By :Jagrut
Upadhyay

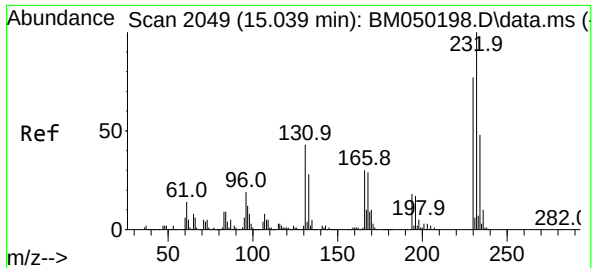
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#58
Fluorene
Concen: 44.323 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

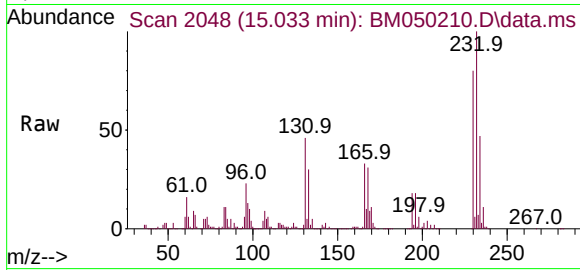
Tgt Ion:166 Resp: 2002920
Ion Ratio Lower Upper
166 100
165 95.7 77.0 115.4
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.909 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

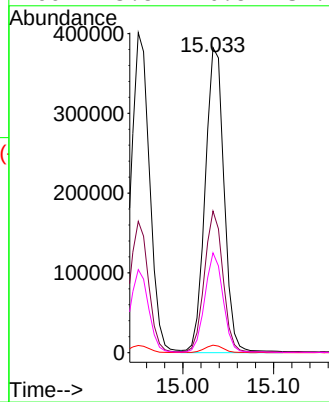
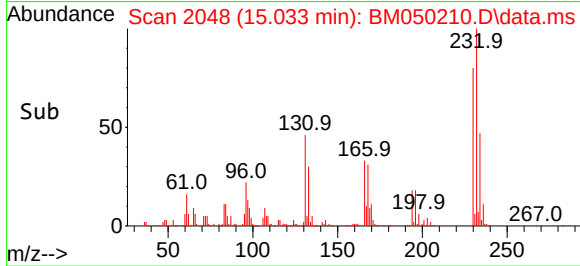
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:232 Resp: 554722
Ion Ratio Lower Upper
232 100
131 41.6 32.9 49.3
130 2.4 1.8 2.8
166 25.8 20.8 31.2

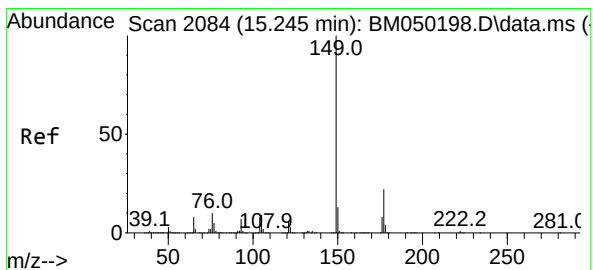
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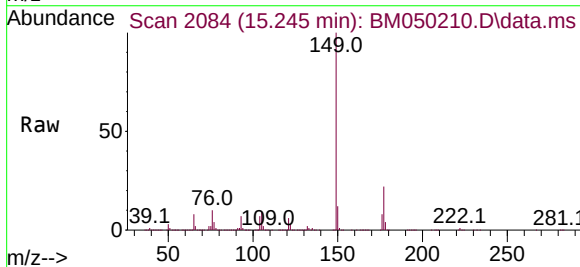


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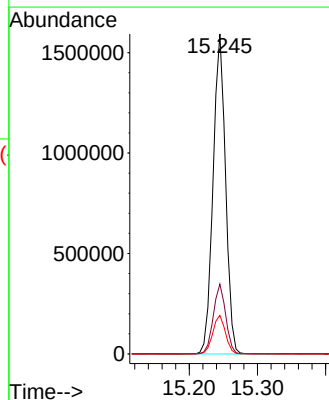
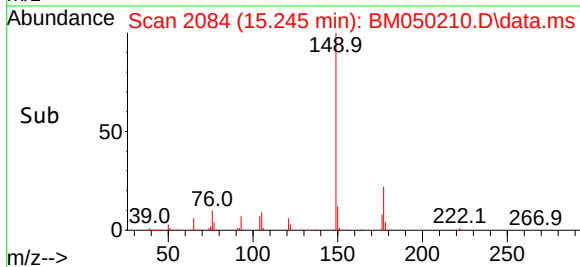
06/09/2025

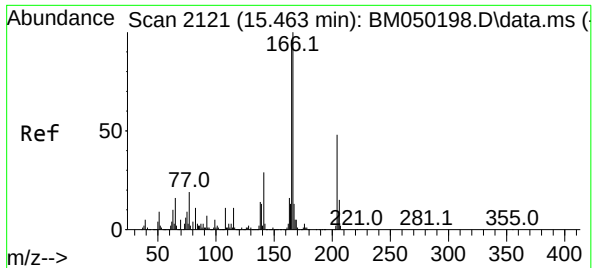


#60
Diethylphthalate
Concen: 44.042 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06



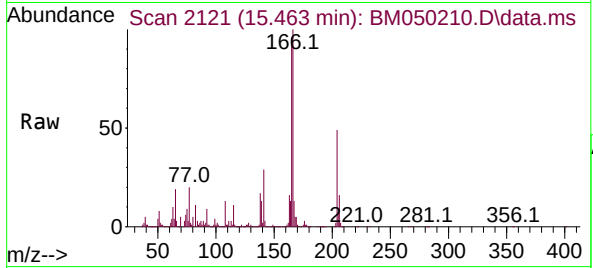
Tgt Ion:149 Resp: 2023715
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.892 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

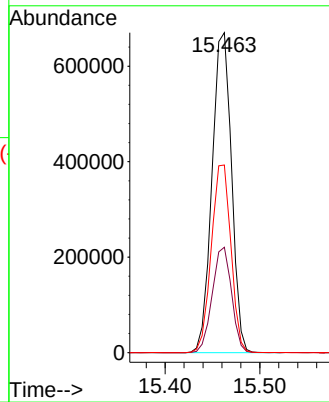
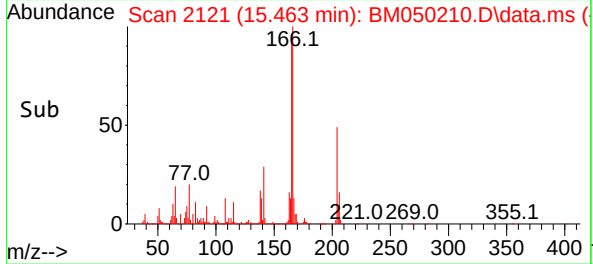
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:204 Resp: 958609
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 58.6 47.9 71.9

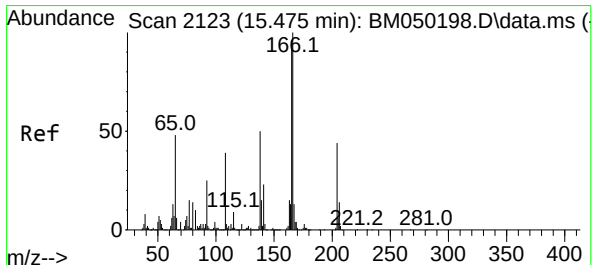
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APPROVED

Reviewed By :Rahul
Chavli



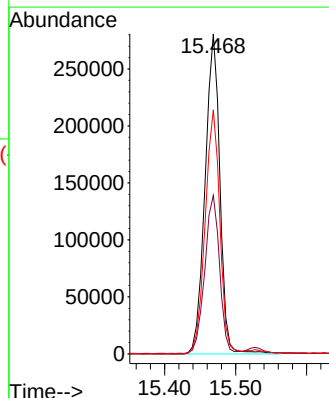
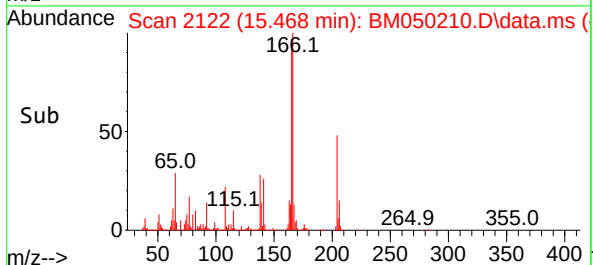
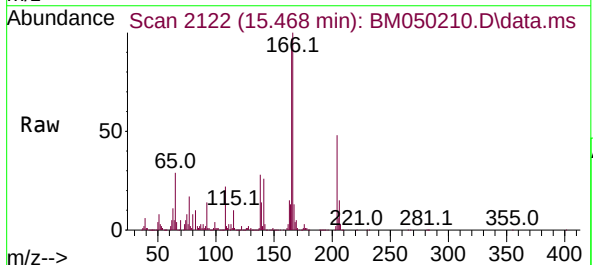
06/09/2025
Supervised By :Jagrut
Upadhyay

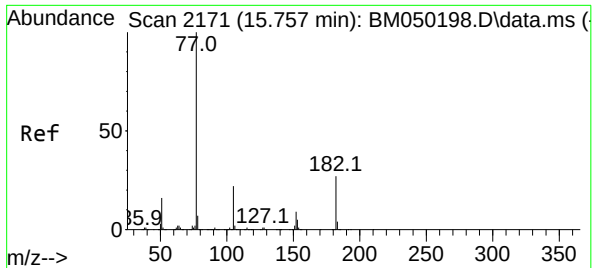
06/09/2025



#62
4-Nitroaniline
Concen: 41.531 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

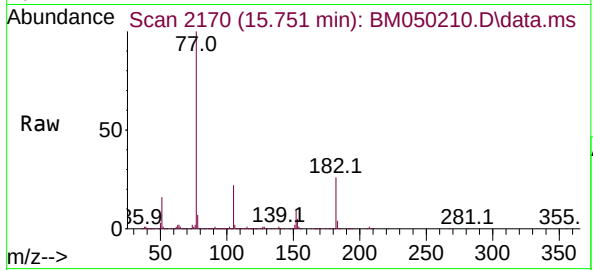
Tgt Ion:138 Resp: 405168
Ion Ratio Lower Upper
138 100
92 49.5 28.8 68.8
108 76.3 58.1 98.1





#63
Azobenzene
Concen: 44.015 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

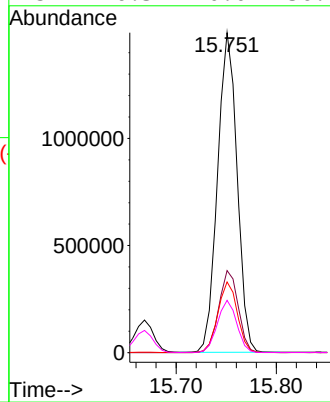
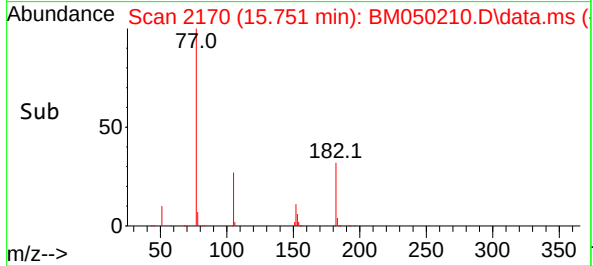
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion: 77 Resp: 2021498
Ion Ratio Lower Upper
77 100
182 25.6 6.8 46.8
105 22.1 1.7 41.7
51 16.3 0.0 36.2

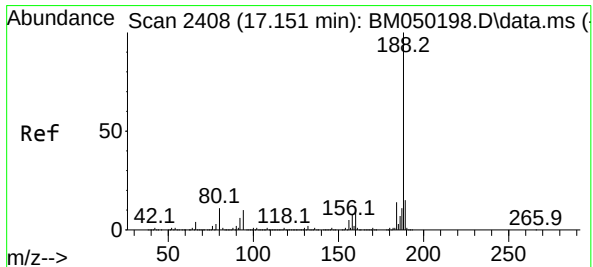
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



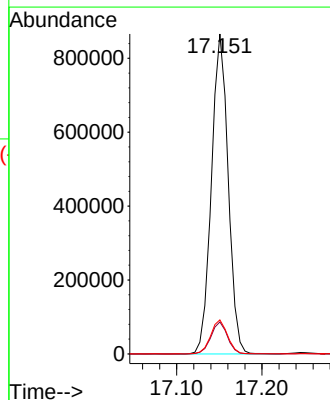
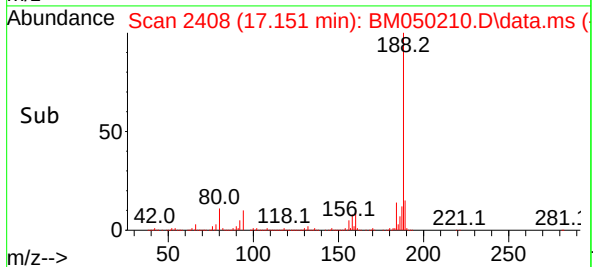
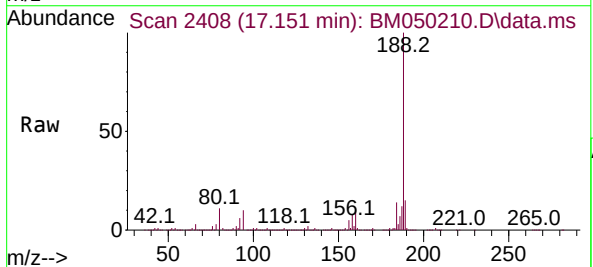
06/09/2025
Supervised By :Jagrut
Upadhyay

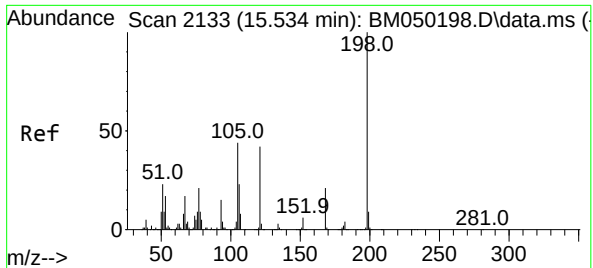
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

Tgt Ion:188 Resp: 1179346
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.6 8.6 13.0





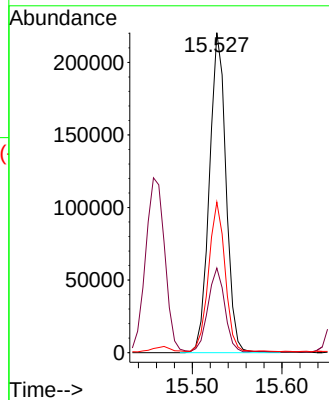
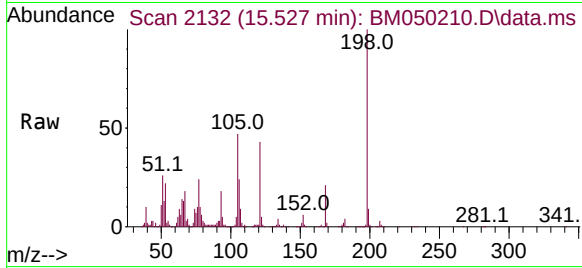
#65
4,6-Dinitro-2-methylphenol
Concen: 44.016 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS

Tgt Ion:198 Resp: 283528
Ion Ratio Lower Upper
198 100
51 26.4 4.5 44.5
105 47.0 24.9 64.9

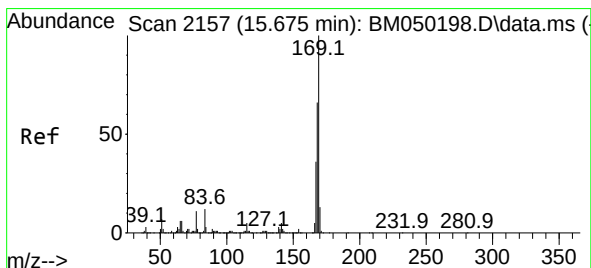
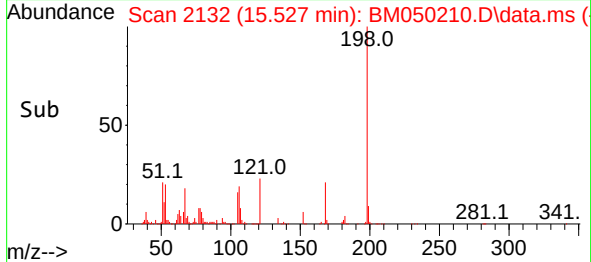
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Reviewed By :Rahul
Chavli



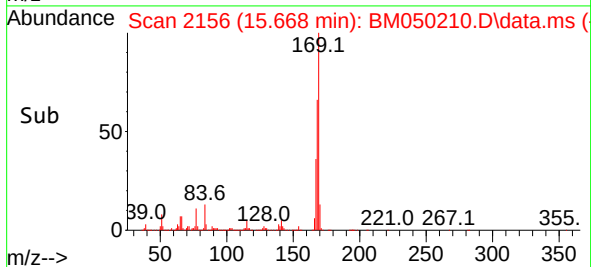
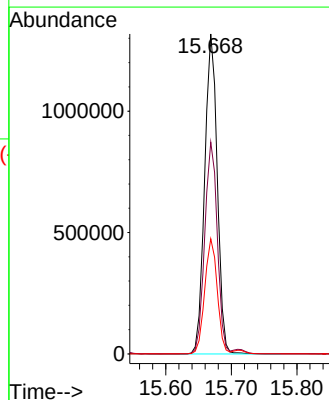
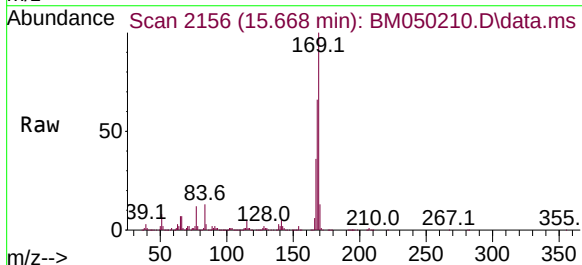
06/09/2025
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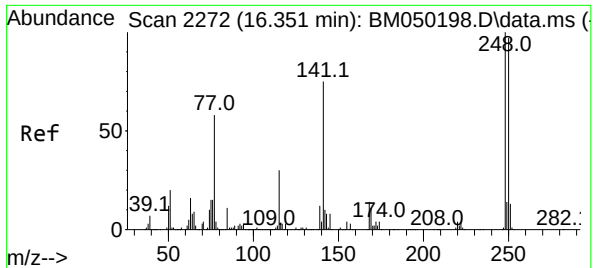
06/09/2025



#66
n-Nitrosodiphenylamine
Concen: 47.208 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

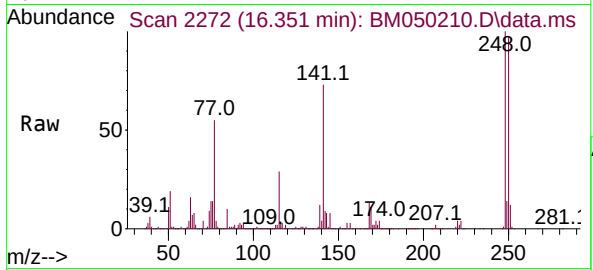
Tgt Ion:169 Resp: 1749325
Ion Ratio Lower Upper
169 100
168 66.2 53.1 79.7
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.664 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

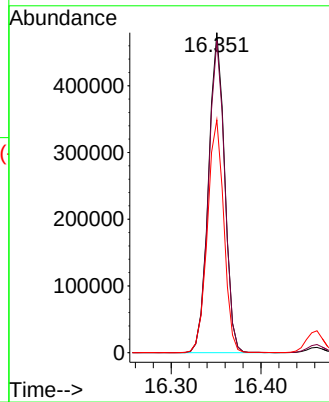
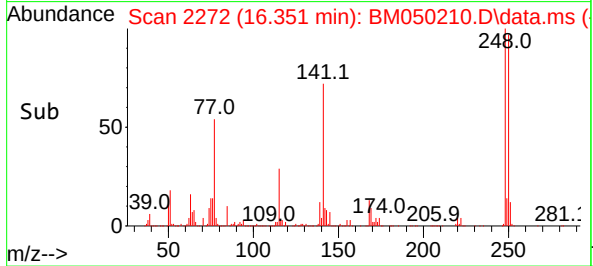
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:248 Resp: 599446
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 72.7 60.1 90.1

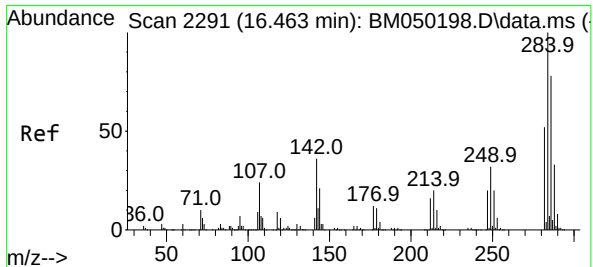
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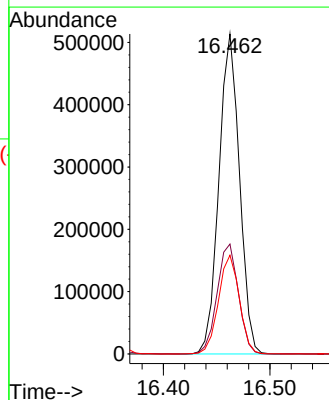
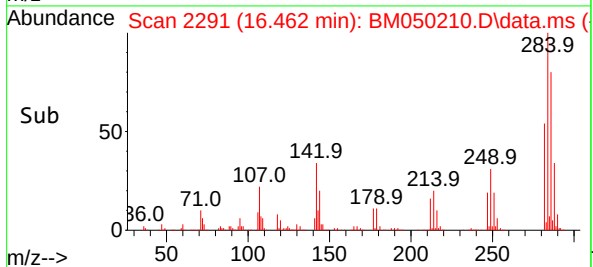
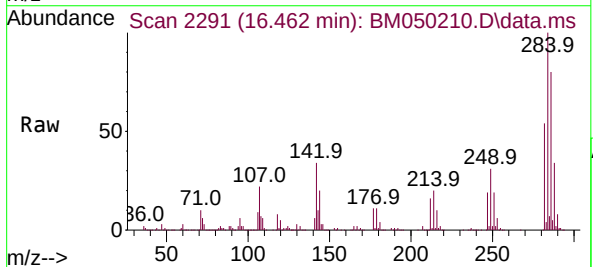
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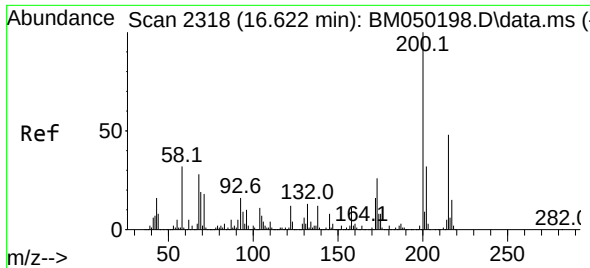
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#68
Hexachlorobenzene
Concen: 46.964 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

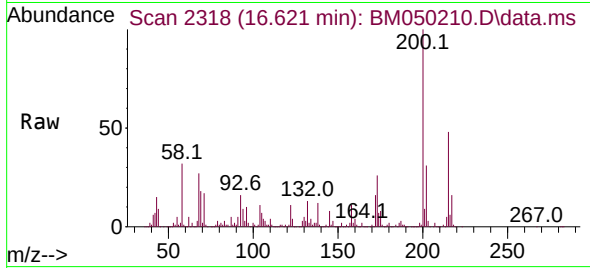
Tgt Ion:284 Resp: 690076
Ion Ratio Lower Upper
284 100
142 34.3 28.8 43.2
249 30.8 25.8 38.6





#69
Atrazine
Concen: 47.759 ng
RT: 16.621 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

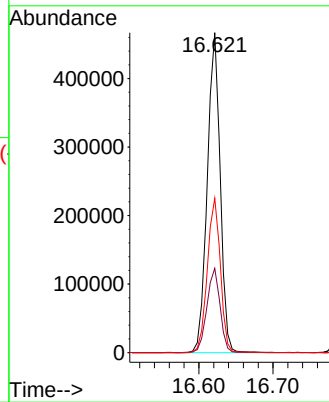
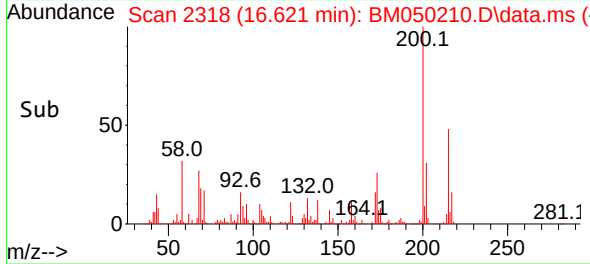
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:200 Resp: 563892
Ion Ratio Lower Upper
200 100
173 26.3 6.0 46.0
215 48.2 28.1 68.1

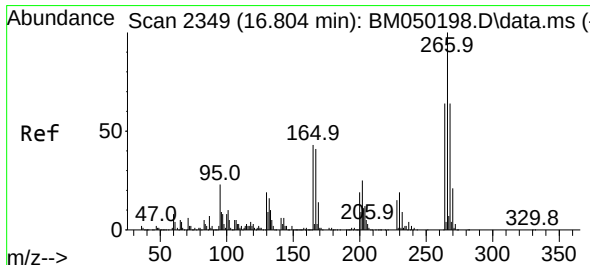
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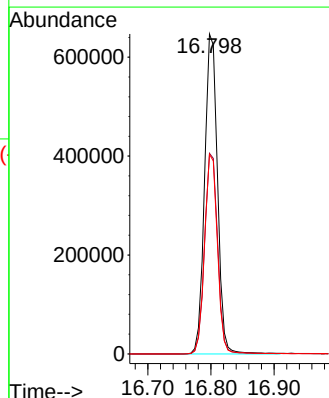
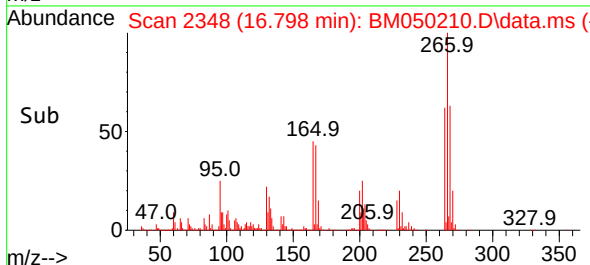
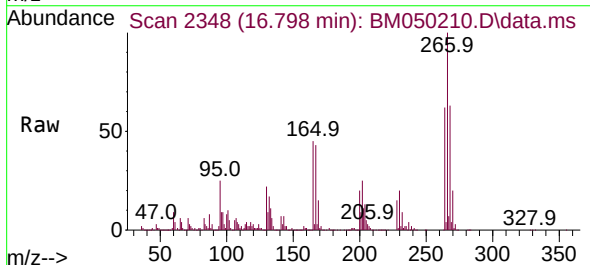
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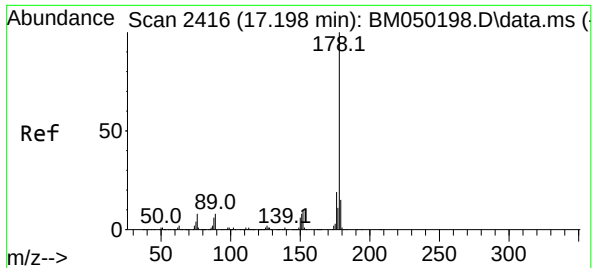
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#70
Pentachlorophenol
Concen: 95.958 ng
RT: 16.798 min Scan# 2348
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

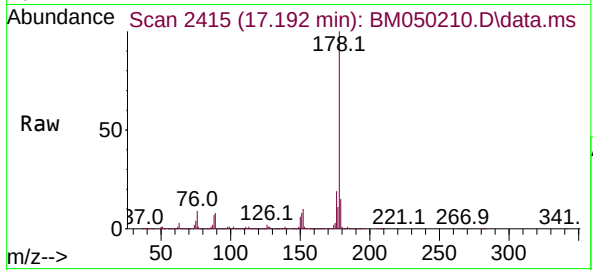
Tgt Ion:266 Resp: 916700
Ion Ratio Lower Upper
266 100
268 62.7 51.0 76.6
264 62.4 50.8 76.2





#71
Phenanthrene
Concen: 44.981 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

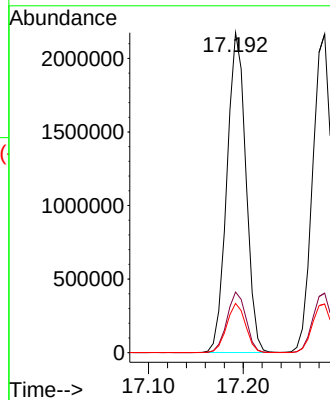
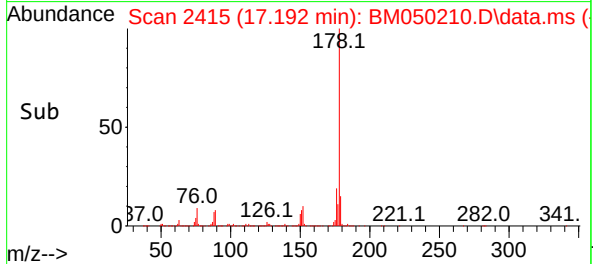
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:178 Resp: 3030486
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.4 12.3 18.5

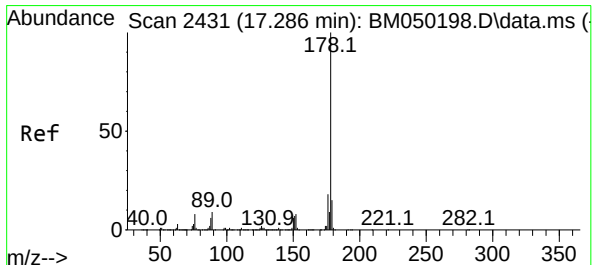
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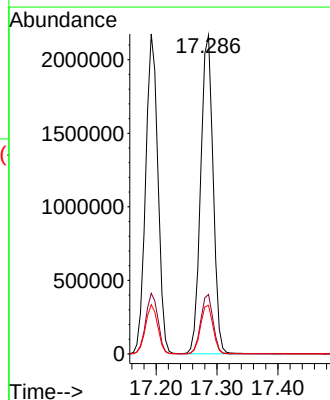
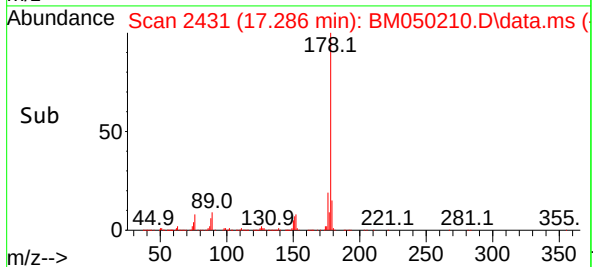
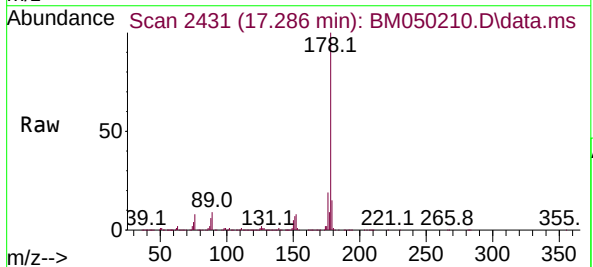
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Upadhyay

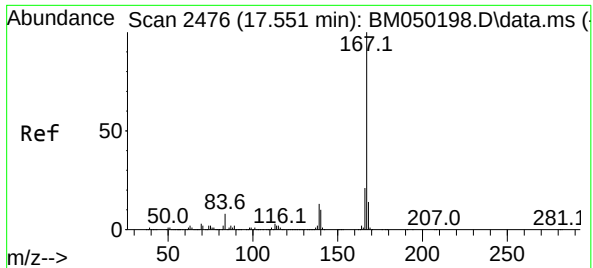
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#72
Anthracene
Concen: 45.491 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

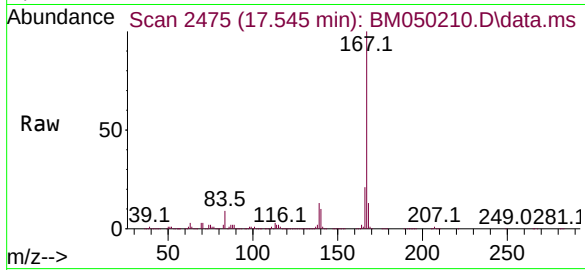
Tgt Ion:178 Resp: 3066040
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.2 12.3 18.5





#73
Carbazole
Concen: 45.641 ng
RT: 17.545 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

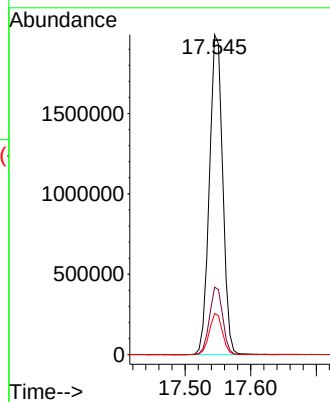
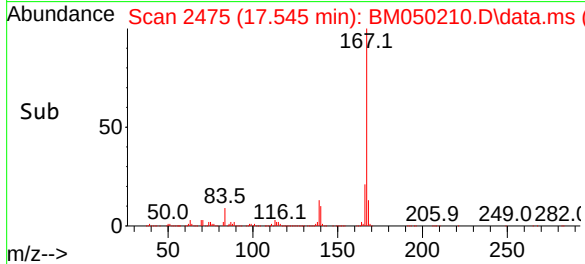
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:167 Resp: 2802423
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.2 15.4

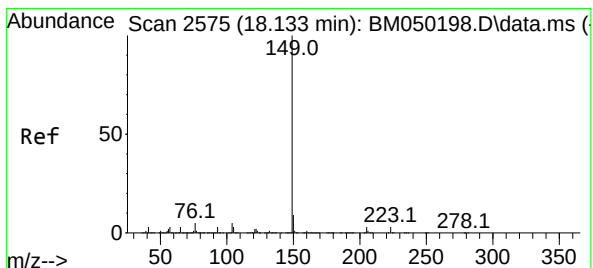
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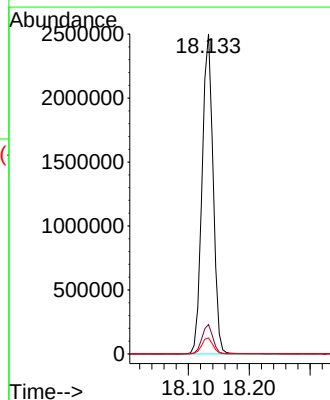
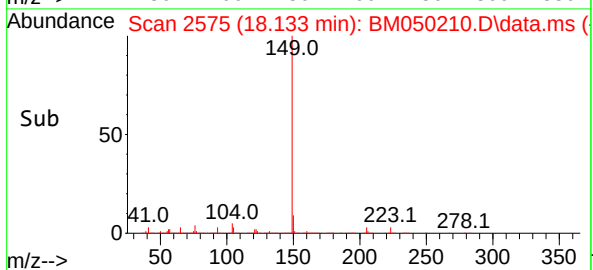
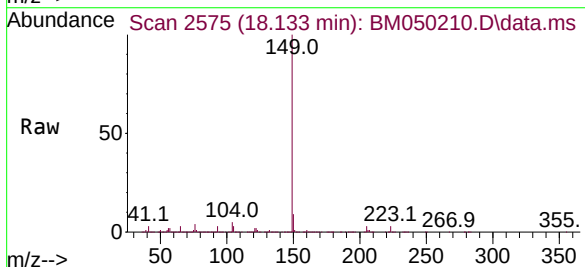
06/09/2025
Supervised By :Jagrut
Upadhyay

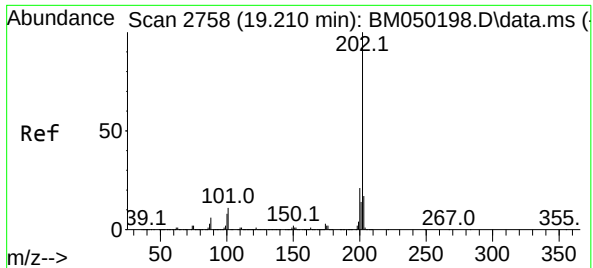
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#74
Di-n-butylphthalate
Concen: 46.879 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

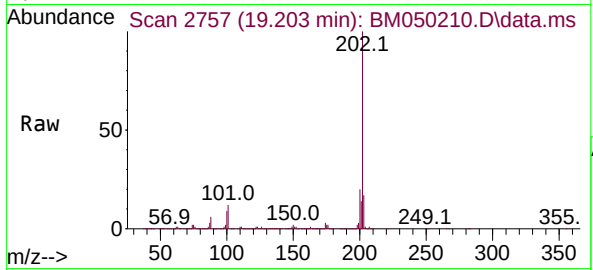
Tgt Ion:149 Resp: 3131978
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 45.511 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

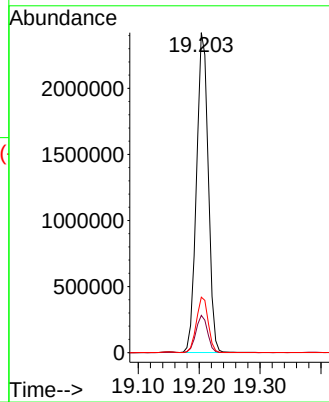
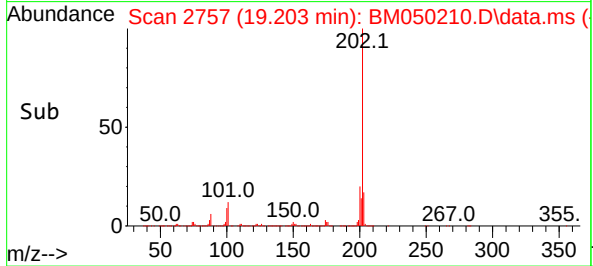
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:202 Resp: 3233462
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 17.3 0.0 37.0

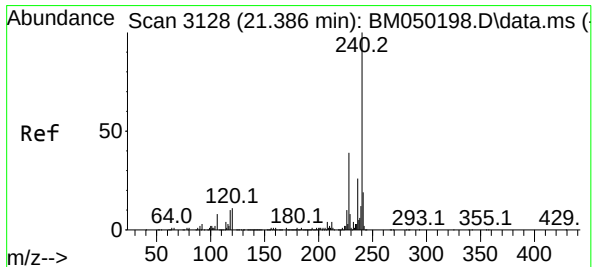
Manual Integrations
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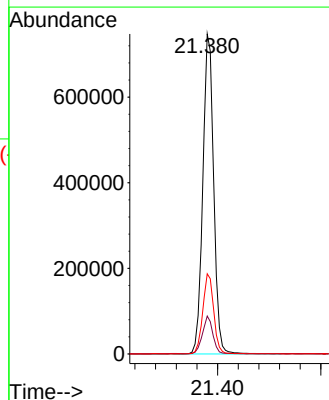
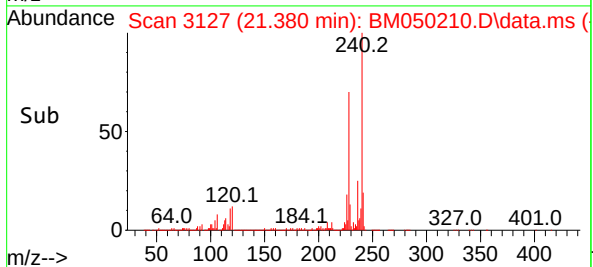
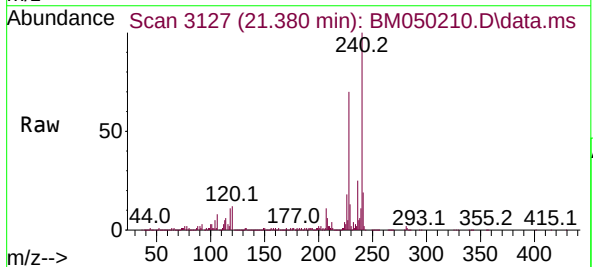
06/09/2025
Supervised By :Jagrut
Upadhyay

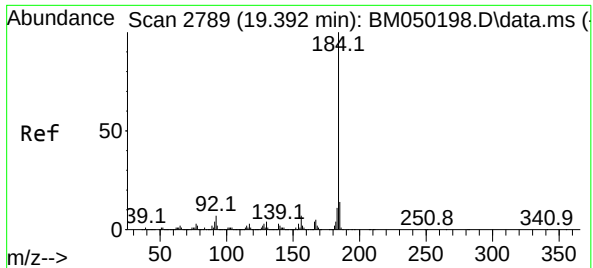
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

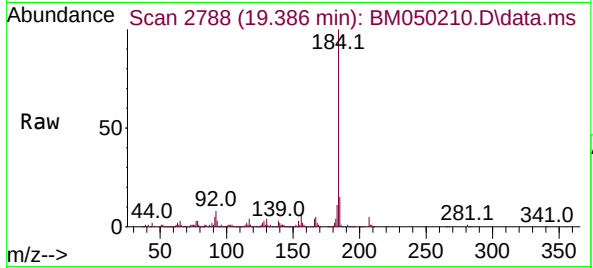
Tgt Ion:240 Resp: 1089185
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 25.1 20.7 31.1





#77
Benzidine
Concen: 20.702 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

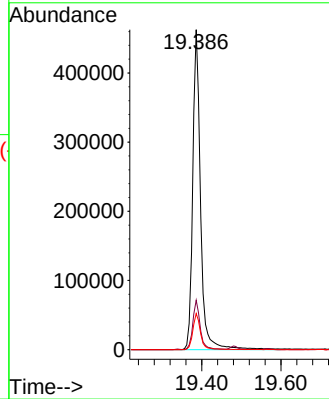
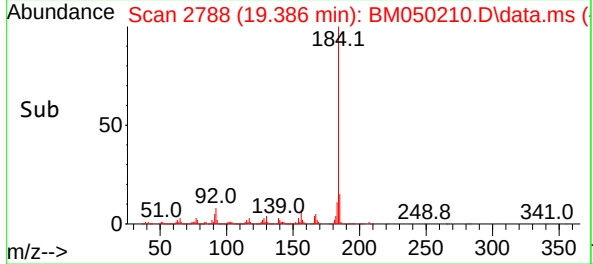
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:184 Resp: 634071
Ion Ratio Lower Upper
184 100
185 15.4 11.5 17.3
183 11.3 9.0 13.4

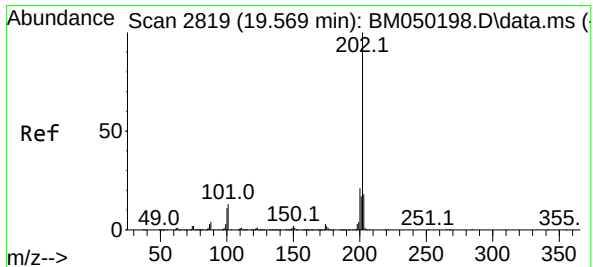
Manual Integrations
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Reviewed By :Rahul
Chavli



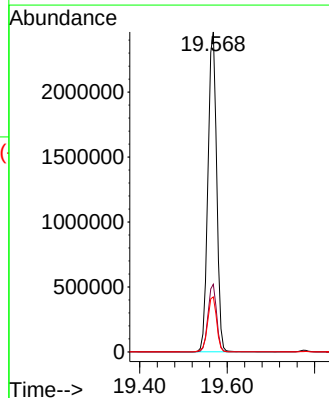
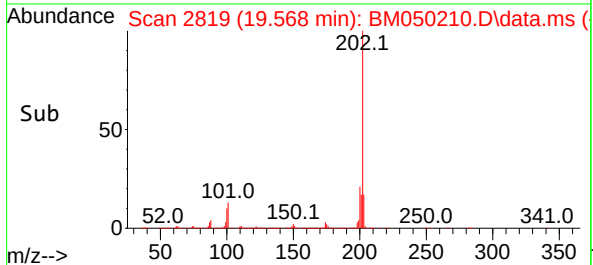
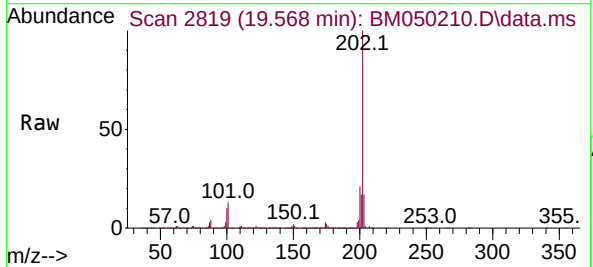
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Upadhyay

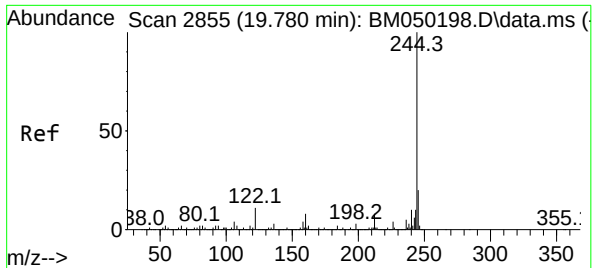
06/09/2025



#78
Pyrene
Concen: 45.877 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

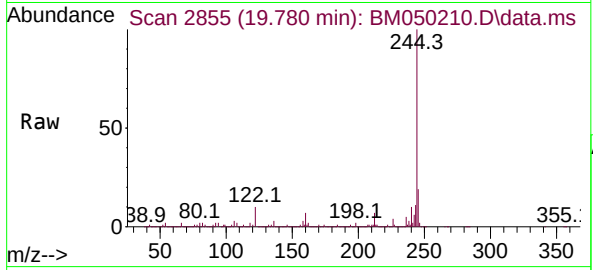
Tgt Ion:202 Resp: 3367898
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.2 14.1 21.1





#79
Terphenyl-d14
Concen: 79.470 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

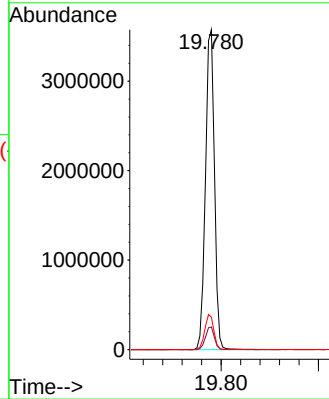
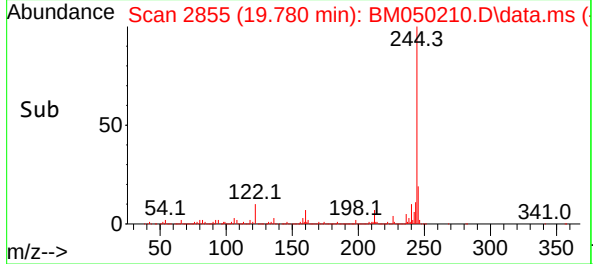
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:244 Resp: 4567622
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.1 8.6 12.8

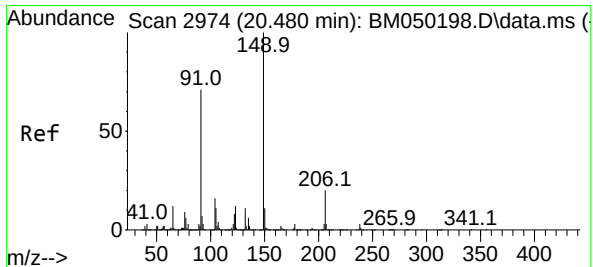
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



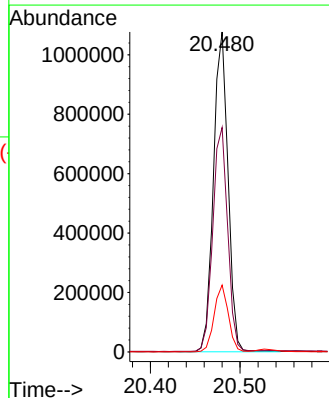
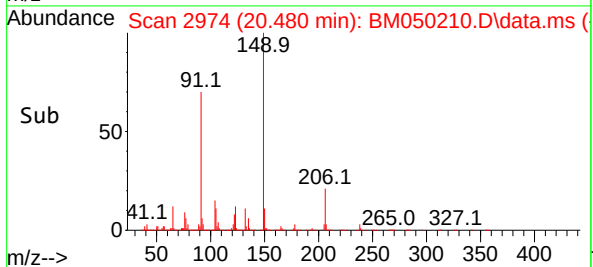
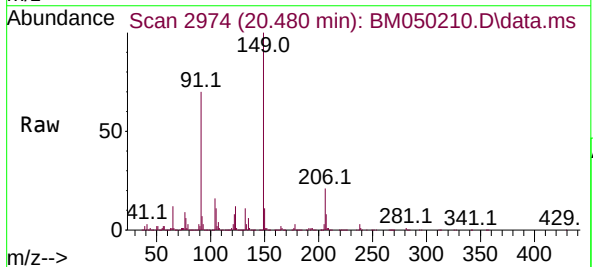
06/09/2025
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Upadhyay

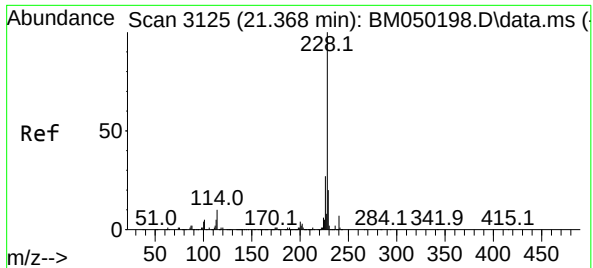
06/09/2025



#80
Butylbenzylphthalate
Concen: 49.857 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

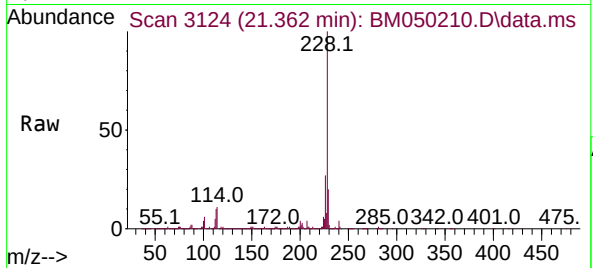
Tgt Ion:149 Resp: 1220876
Ion Ratio Lower Upper
149 100
91 70.1 56.9 85.3
206 20.9 16.1 24.1





#81
Benzo(a)anthracene
Concen: 46.450 ng
RT: 21.362 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

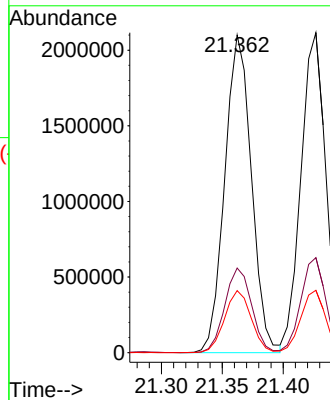
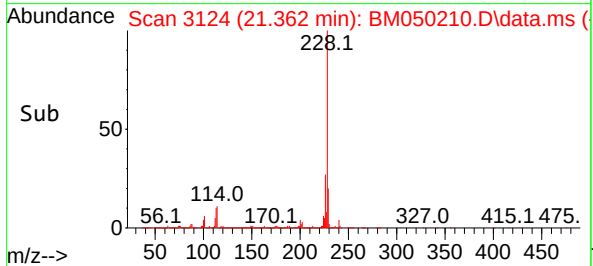
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:228 Resp: 3202268
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.5 15.7 23.5

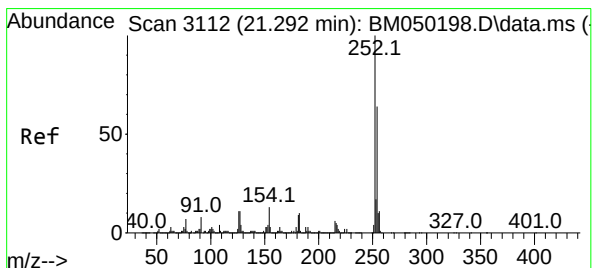
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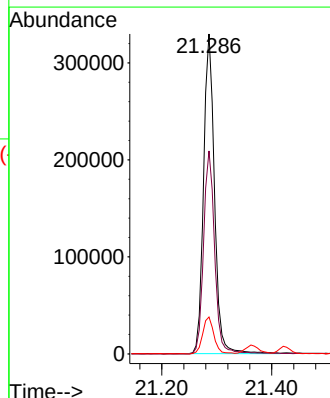
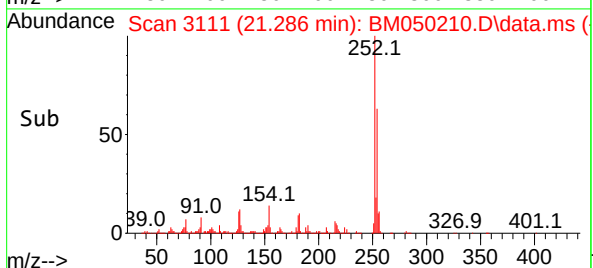
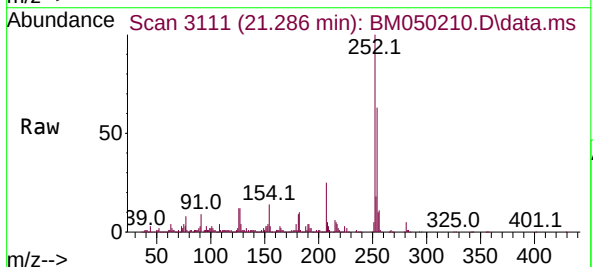
06/09/2025
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Upadhyay

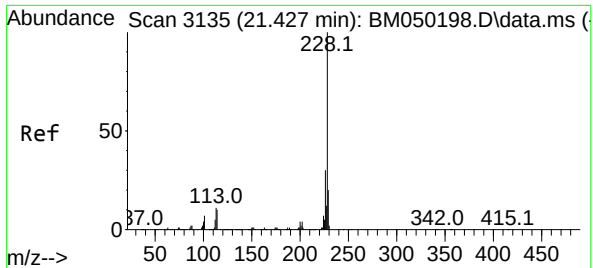
06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.584 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

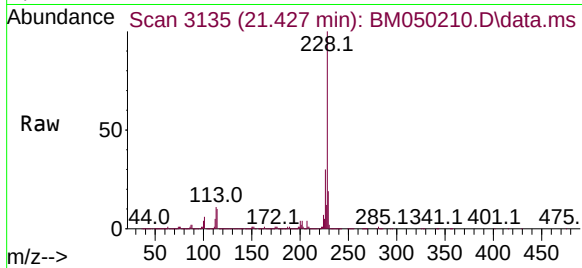
Tgt Ion:252 Resp: 453770
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 11.5 8.6 12.8





#83
Chrysene
Concen: 46.209 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

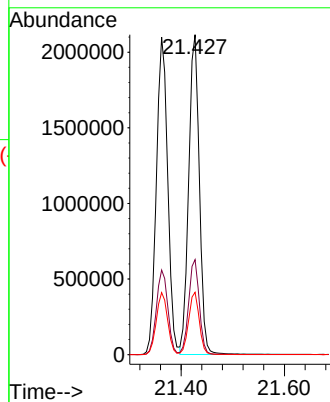
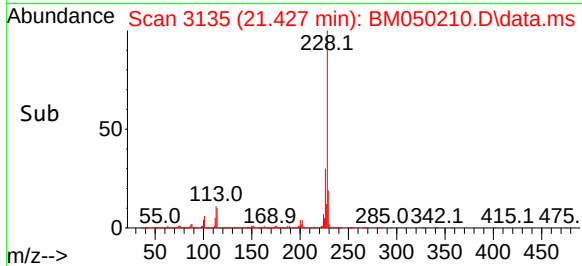
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:228 Resp: 3030304
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.5 15.8 23.8

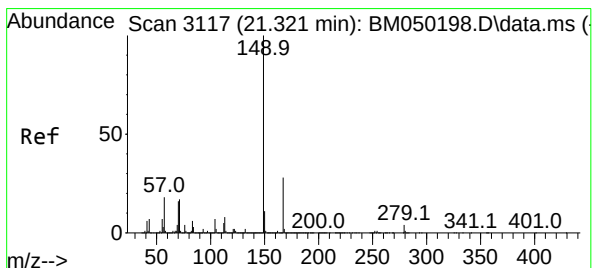
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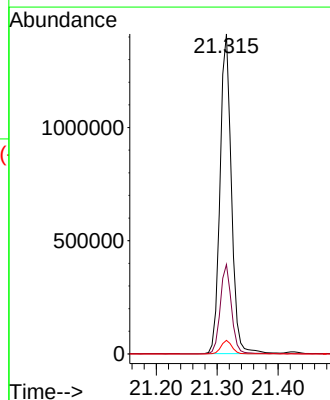
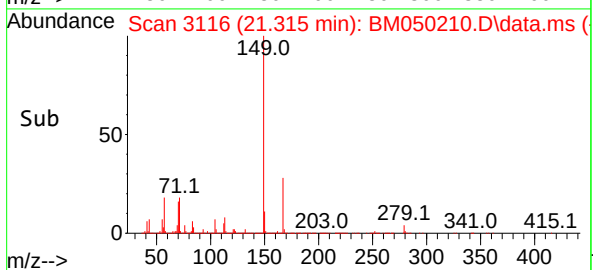
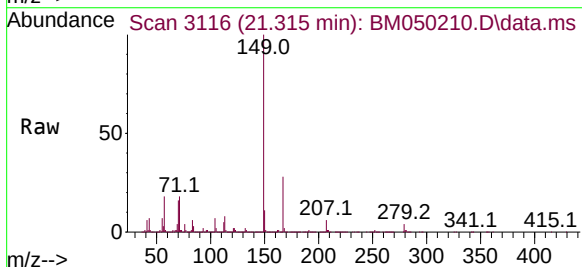
06/09/2025
Supervised By :Jagrut
Upadhyay

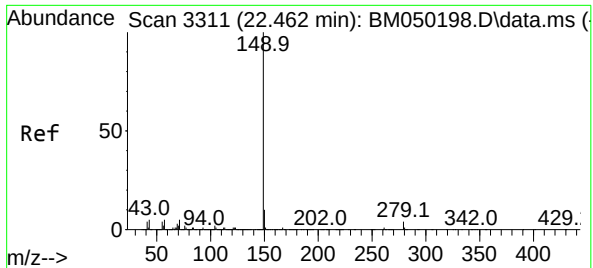
06/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.545 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

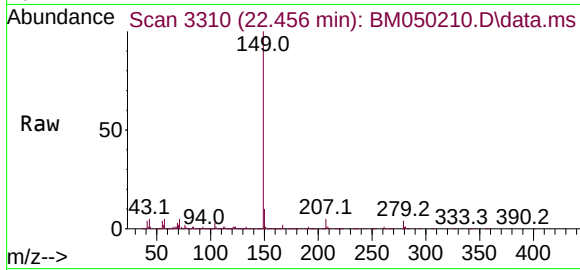
Tgt Ion:149 Resp: 1831065
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 53.468 ng
RT: 22.456 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

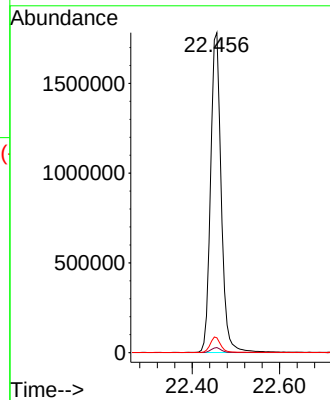
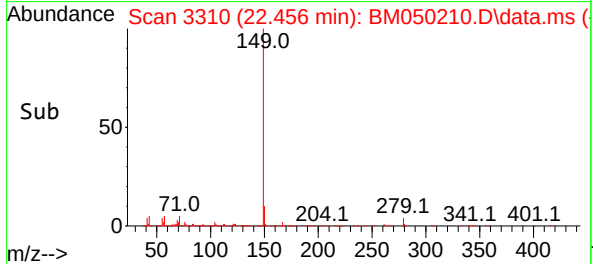
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:149 Resp: 2992663
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 4.8 3.8 5.8

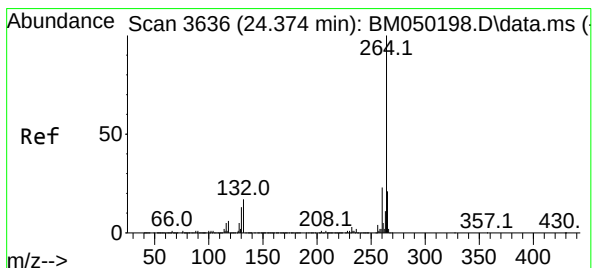
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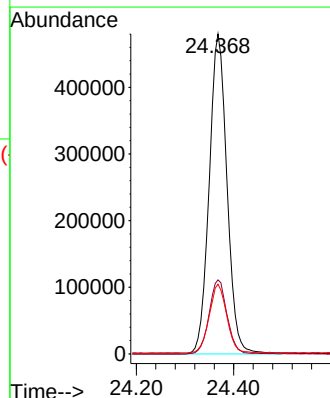
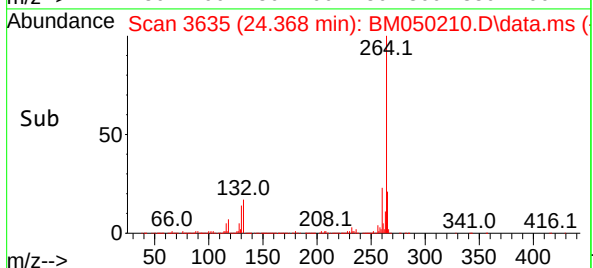
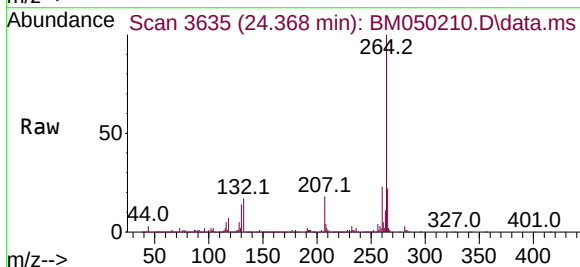
06/09/2025
Supervised By :Jagrut
Upadhyay

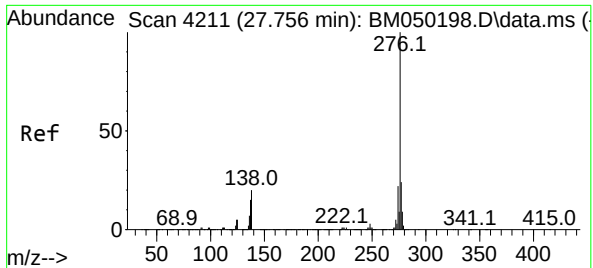
06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

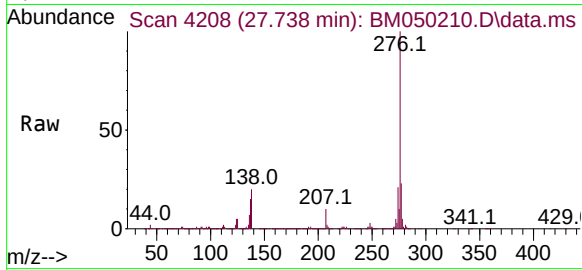
Tgt Ion:264 Resp: 1220890
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.936 ng
RT: 27.738 min Scan# 4211
Delta R.T. -0.024 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

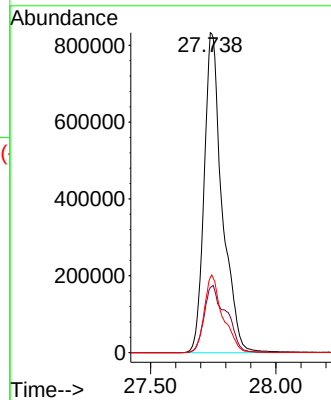
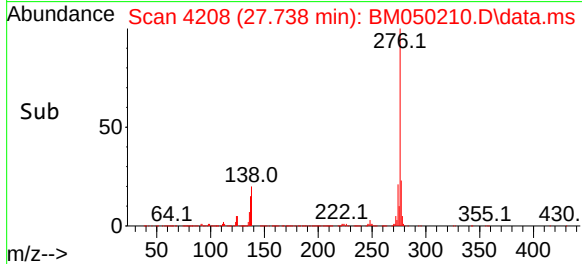
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:276 Resp: 4161319
Ion Ratio Lower Upper
276 100
138 25.6 20.6 30.8
277 24.8 19.8 29.6

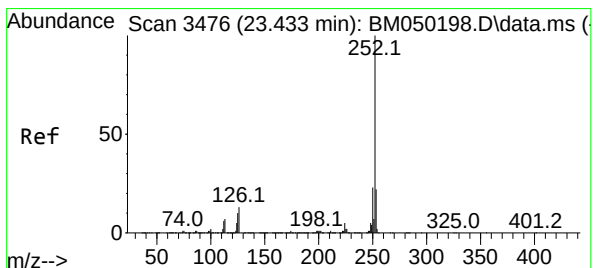
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Reviewed By :Rahul
Chavli



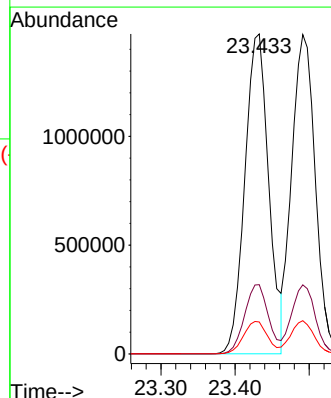
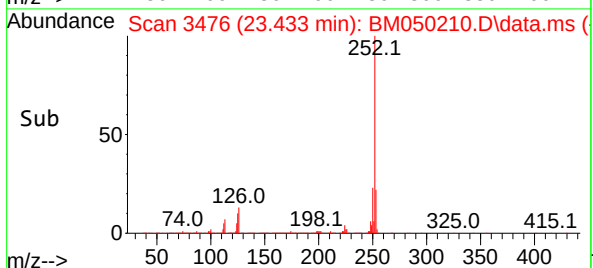
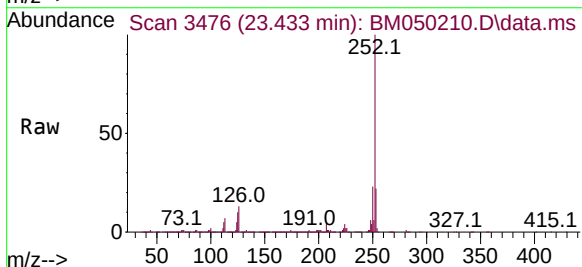
06/09/2025
Supervised By :Jagrut
Upadhyay

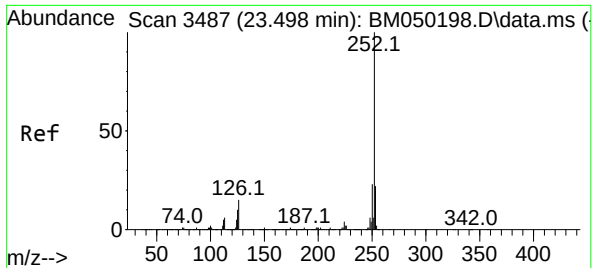
06/09/2025



#88
Benzo(b)fluoranthene
Concen: 46.383 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

Tgt Ion:252 Resp: 3292419
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.834 ng

RT: 23.491 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM050210.D

Acq: 06 Jun 2025 12:06

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MS

Tgt Ion:252 Resp: 3248849

Ion Ratio Lower Upper

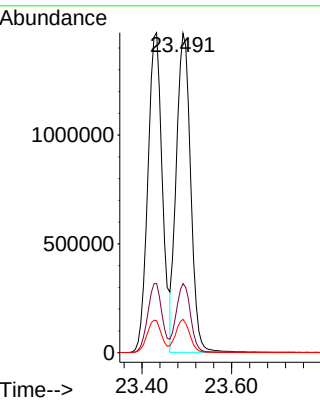
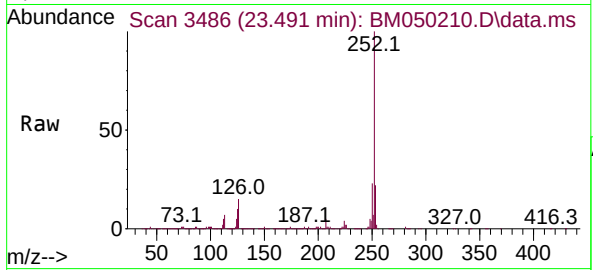
252 100

253 21.6 17.4 26.2

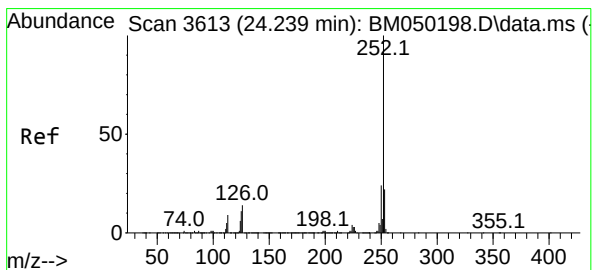
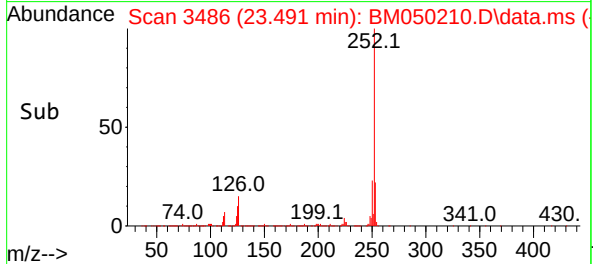
125 10.4 8.2 12.4

Manual Integrations

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Chavli06/09/2025
Supervised By :Jagrut
Upadhyay

06/09/2025



#90

Benzo(a)pyrene

Concen: 47.609 ng

RT: 24.233 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050210.D

Acq: 06 Jun 2025 12:06

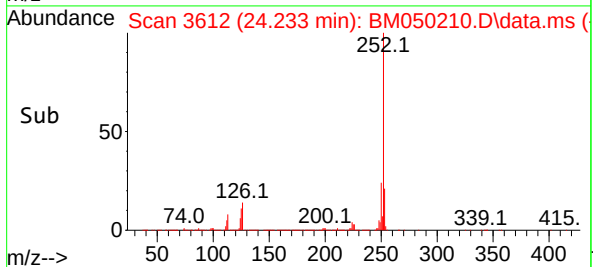
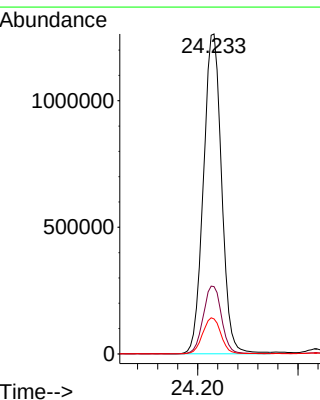
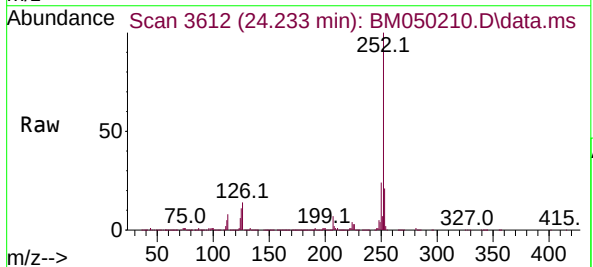
Tgt Ion:252 Resp: 3177372

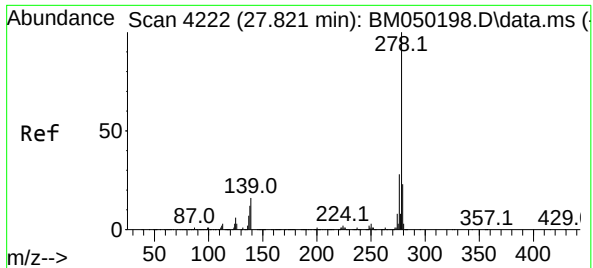
Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

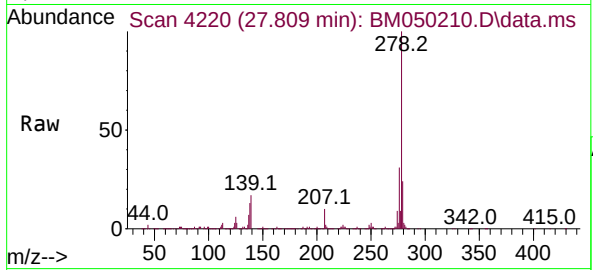
125 10.9 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 52.519 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

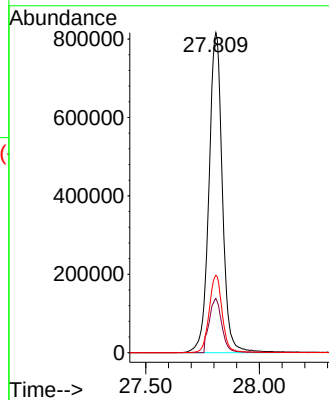
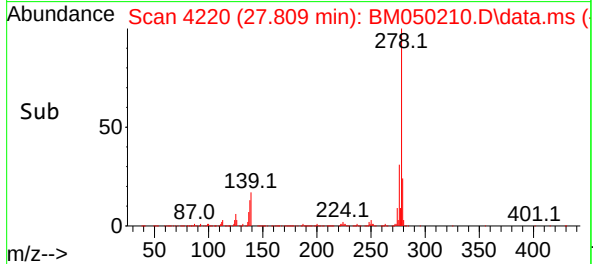
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MS



Tgt Ion:278 Resp: 335118
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 24.1 18.6 28.0

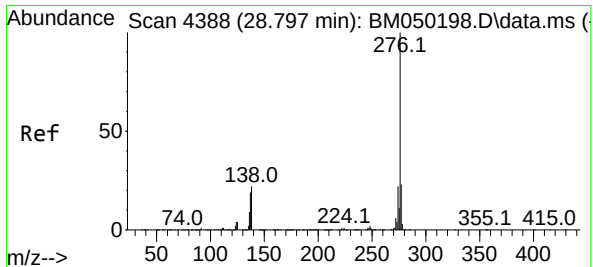
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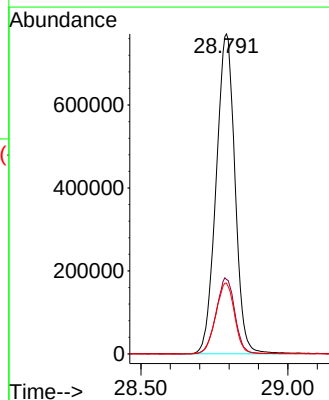
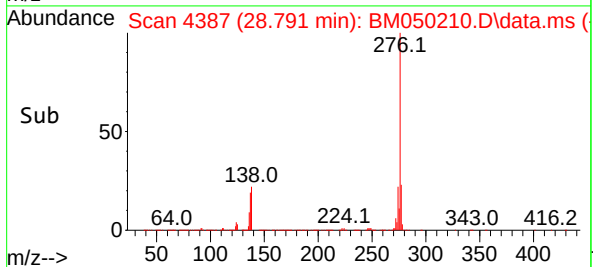
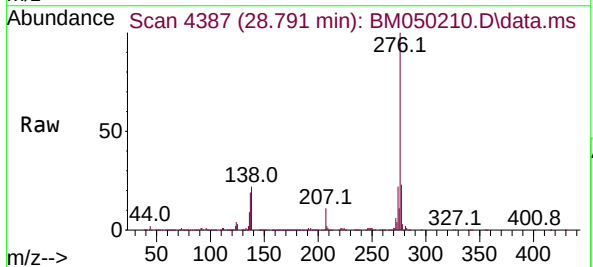
06/09/2025
Supervised By :Jagrut
Upadhyay

06/09/2025



#92
Benzo(g,h,i)perylene
Concen: 53.661 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.024 min
Lab File: BM050210.D
Acq: 06 Jun 2025 12:06

Tgt Ion:276 Resp: 3427026
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 22.1 17.8 26.6



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01MSD	SDG No.:	Q2177
Lab Sample ID:	Q2177-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050211.D	1	06/04/25 08:30	06/06/25 12:46	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	350		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	360		5.30	50.0	ug/L
95-48-7	2-Methylphenol	420		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	410		11.0	100	ug/L
67-72-1	Hexachloroethane	360		6.50	50.0	ug/L
98-95-3	Nitrobenzene	430		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	400		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	460		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	480		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	460		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	920	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	117		15 (23) - 110 (138)	78%	SPK: 150
13127-88-3	Phenol-d6	106		15 (10) - 110 (134)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.2		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		15 (44) - 110 (137)	80%	SPK: 150
1718-51-0	Terphenyl-d14	78.0		30 (42) - 130 (152)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	348000		7.786		
1146-65-2	Naphthalene-d8	1350000		10.575		
15067-26-2	Acenaphthene-d10	744000		14.415		
1517-22-2	Phenanthrene-d10	1280000		17.151		
1719-03-5	Chrysene-d12	1130000		21.386		
1520-96-3	Perylene-d12	1250000		24.368		

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/02/25
Client Sample ID:	B-187-SB01MSD	SDG No.:	Q2177
Lab Sample ID:	Q2177-03MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050211.D	1	06/04/25 08:30	06/06/25 12:46	PB168269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM060625\
 Data File : BM050211.D
 Acq On : 06 Jun 2025 12:46
 Operator : RC/JU
 Sample : Q2177-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MSD

Quant Time: Jun 06 14:32:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	347769	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1350319	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	744312	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1278962	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1127474	20.000	ng	0.00
86) Perylene-d12	24.368	264	1245310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2430803	116.598	ng	0.00
7) Phenol-d6	6.957	99	2905330	105.864	ng	0.00
23) Nitrobenzene-d5	8.939	82	2004766	77.214	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1020943	120.593	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4129019	75.104	ng	0.00
79) Terphenyl-d14	19.780	244	4641959	78.021	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	304263	33.295	ng	# 77
3) Pyridine	3.693	79	827427	34.964	ng	99
4) n-Nitrosodimethylamine	3.599	42	193516	39.545	ng	95
6) Aniline	7.116	93	729082	20.096	ng	99
8) 2-Chlorophenol	7.357	128	974022	42.475	ng	99
9) Benzaldehyde	6.928	77	349435	20.027	ng	100
10) Phenol	6.981	94	1087108	37.438	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	950012	40.675	ng	99
12) 1,3-Dichlorobenzene	7.681	146	922280	35.976	ng	99
13) 1,4-Dichlorobenzene	7.822	146	952487	35.710	ng	99
14) 1,2-Dichlorobenzene	8.139	146	937100	36.854	ng	99
15) Benzyl Alcohol	8.022	79	826863	42.243	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	643282	39.648	ng	100
17) 2-Methylphenol	8.228	107	797691	41.634	ng	99
18) Hexachloroethane	8.869	117	350837	36.320	ng	100
19) n-Nitroso-di-n-propyla...	8.592	70	683284	40.685	ng	99
20) 3+4-Methylphenols	8.551	107	1054728	41.147	ng	99
22) Acetophenone	8.604	105	1400969	41.529	ng	99
24) Nitrobenzene	8.981	77	1011971	42.856	ng	99
25) Isophorone	9.510	82	1912338	42.674	ng	99
26) 2-Nitrophenol	9.686	139	471795	46.287	ng	99
27) 2,4-Dimethylphenol	9.751	122	918348	43.849	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1245014	42.528	ng	100
29) 2,4-Dichlorophenol	10.222	162	873426	45.067	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	886234	41.092	ng	99
31) Naphthalene	10.627	128	2831466	40.557	ng	100
32) Benzoic acid	9.863	122	477925	36.311	ng	98
33) 4-Chloroaniline	10.727	127	187043	6.284	ng	99
34) Hexachlorobutadiene	10.922	225	516046	40.227	ng	100
35) Caprolactam	11.492	113	211805	34.472	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	877820	42.447	ng	100
37) 2-Methylnaphthalene	12.239	142	1772625	42.088	ng	99
38) 1-Methylnaphthalene	12.457	142	1844686	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	960082	44.670	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1140357	87.366	ng	97
43) 2,4,6-Trichlorophenol	12.845	196	659262	46.644	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050211.D
 Acq On : 06 Jun 2025 12:46
 Operator : RC/JU
 Sample : Q2177-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB01MSD

Quant Time: Jun 06 14:32:41 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

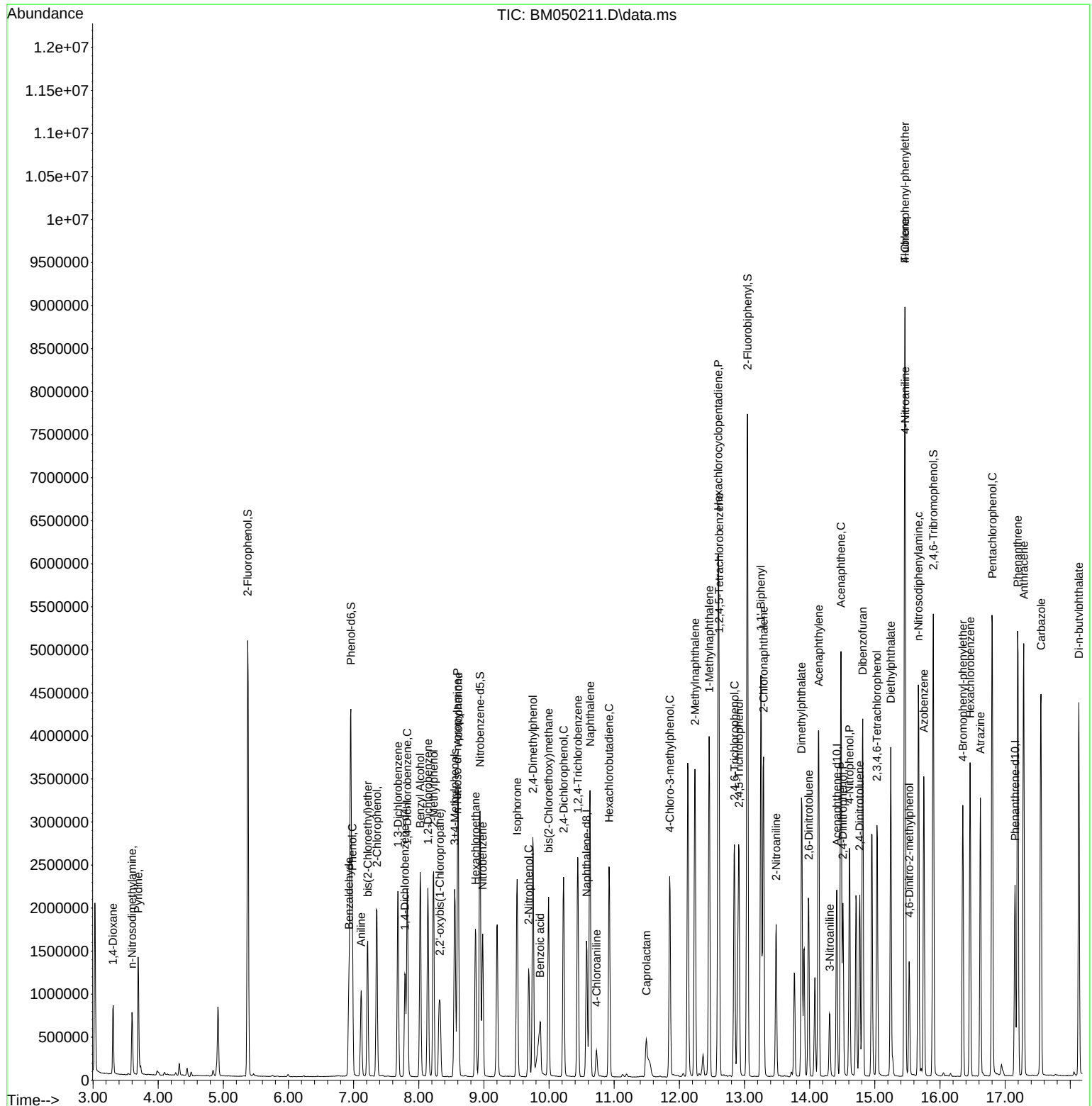
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	711164	45.827	ng	99
46) 1,1'-Biphenyl	13.251	154	2452677	44.007	ng	99
47) 2-Chloronaphthalene	13.292	162	1881619	43.426	ng	100
48) 2-Nitroaniline	13.486	65	452934	47.502	ng	98
49) Acenaphthylene	14.139	152	3052359	43.554	ng	100
50) Dimethylphthalate	13.874	163	2192800	43.562	ng	99
51) 2,6-Dinitrotoluene	13.986	165	471247	46.422	ng	99
52) Acenaphthene	14.480	154	2026567	46.232	ng	99
53) 3-Nitroaniline	14.310	138	203472	17.984	ng	98
54) 2,4-Dinitrophenol	14.510	184	442324	73.179	ng	97
55) Dibenzofuran	14.815	168	2748348	42.856	ng	99
56) 4-Nitrophenol	14.610	139	789854	82.024	ng	99
57) 2,4-Dinitrotoluene	14.768	165	637253	47.588	ng	99
58) Fluorene	15.462	166	2086832	42.486	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	586771	43.703	ng	93
60) Diethylphthalate	15.245	149	2118106	42.409	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	1007290	42.432	ng	97
62) 4-Nitroaniline	15.468	138	431923	40.732	ng	98
63) Azobenzene	15.751	77	2096222	41.991	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	303524	43.451	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1833639	45.629	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	631109	46.273	ng	99
68) Hexachlorobenzene	16.462	284	727918	45.681	ng	98
69) Atrazine	16.621	200	590156	46.090	ng	98
70) Pentachlorophenol	16.804	266	953669	92.052	ng	99
71) Phenanthrene	17.192	178	3163946	43.304	ng	100
72) Anthracene	17.286	178	3193033	43.685	ng	100
73) Carbazole	17.551	167	2890483	43.408	ng	100
74) Di-n-butylphthalate	18.133	149	3263385	45.042	ng	100
75) Fluoranthene	19.203	202	3320524	43.096	ng	99
77) Benzidine	19.386	184	701246	22.118	ng	99
78) Pyrene	19.568	202	3454160	45.454	ng	99
80) Butylbenzylphthalate	20.480	149	1245626	49.140	ng	99
81) Benzo(a)anthracene	21.368	228	3199318	44.831	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	474153	21.788	ng	99
83) Chrysene	21.427	228	3033462	44.686	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1868435	47.853	ng	99
85) Di-n-octyl phthalate	22.456	149	3010702	51.964	ng	100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4044672	50.443	ng	# 93
88) Benzo(b)fluoranthene	23.433	252	3187024	44.018	ng	99
89) Benzo(k)fluoranthene	23.497	252	3248023	43.944	ng	99
90) Benzo(a)pyrene	24.232	252	3112925	45.728	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3254856	50.009	ng	100
92) Benzo(g,h,i)perylene	28.791	276	3327556	51.082	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050211.D
Acq On : 06 Jun 2025 12:46
Operator : RC/JU
Sample : Q2177-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

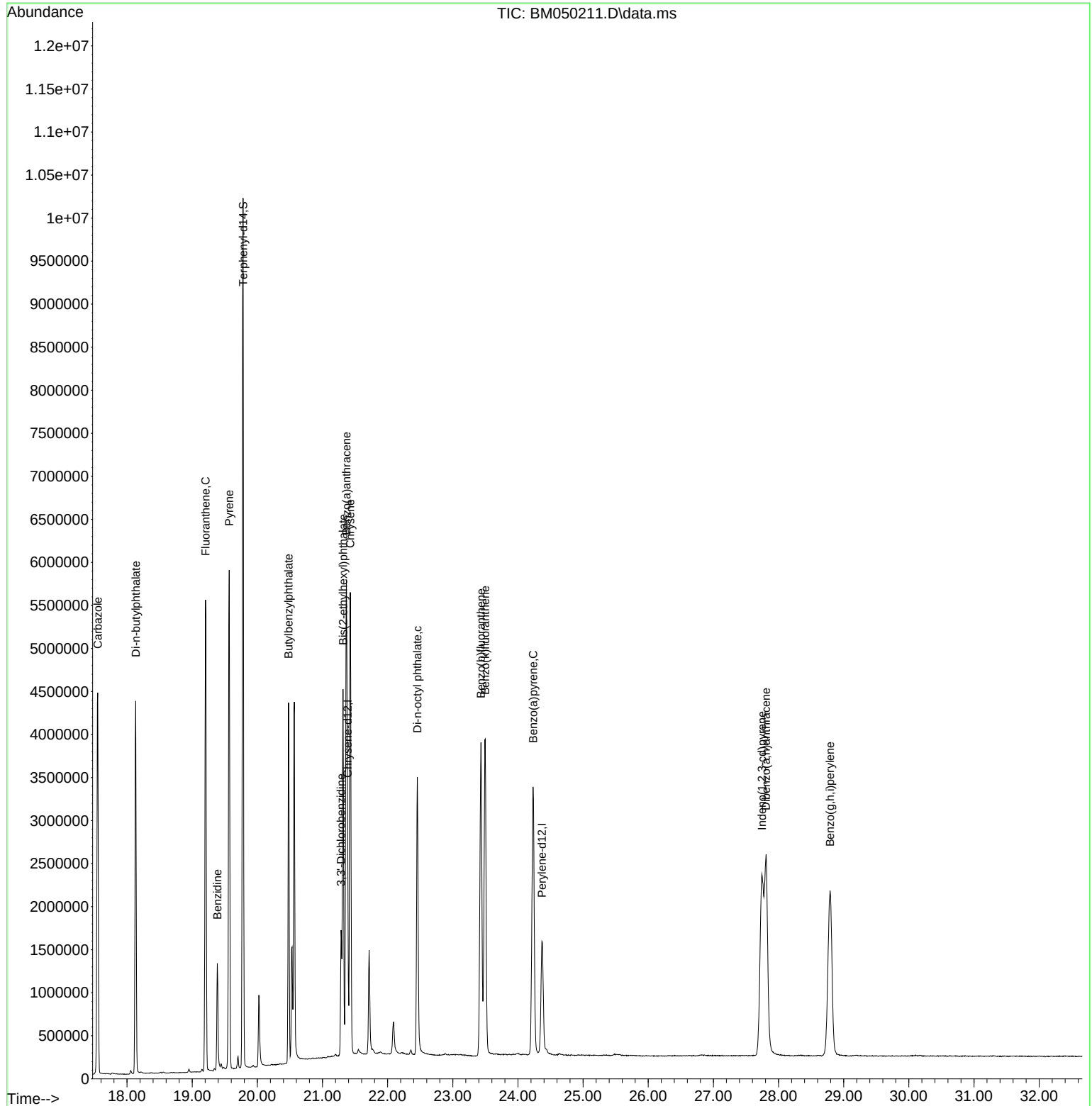
Quant Time: Jun 06 14:32:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

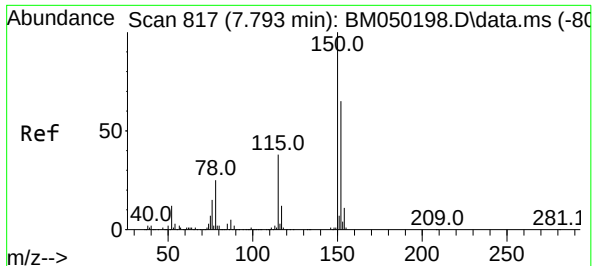


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050211.D
Acq On : 06 Jun 2025 12:46
Operator : RC/JU
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Instrument :
BNA_M
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B-187-SB01MSD

Quant Time: Jun 06 14:32:41 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

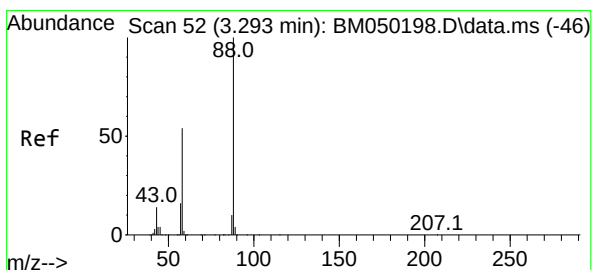
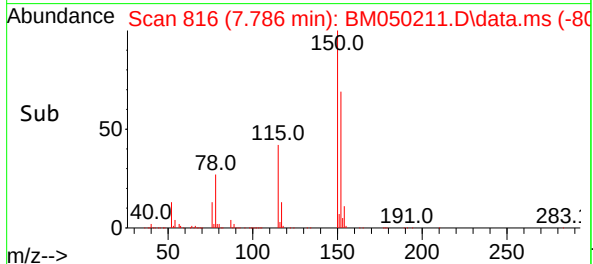
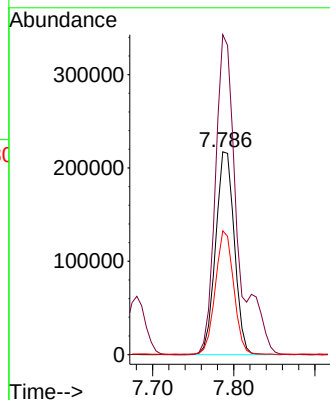
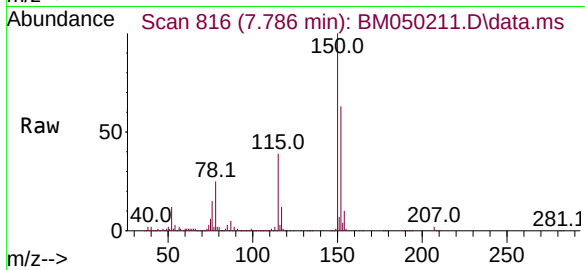




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BM050211.D
 Acq: 06 Jun 2025 12:46

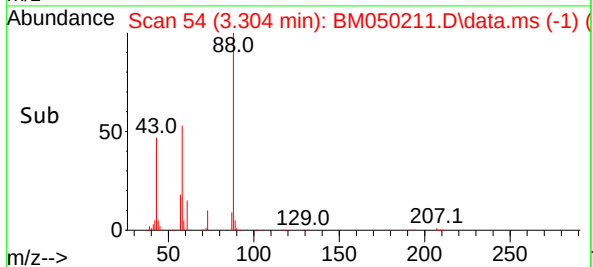
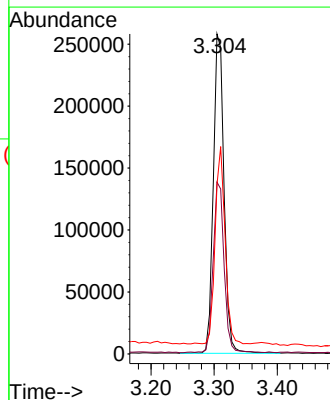
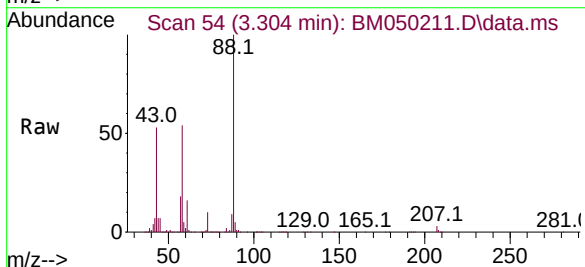
Instrument :
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 ClientSampleId :
 B-187-SB01MSD

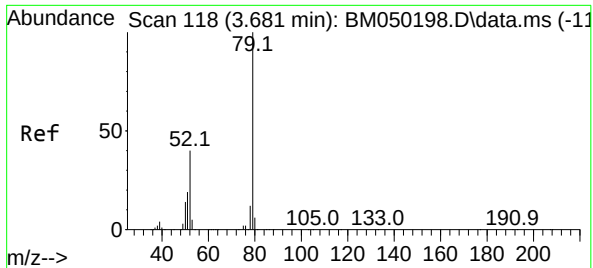
Tgt Ion:152 Resp: 347769
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.2 183.4
 115 61.0 46.3 69.5



#2
 1,4-Dioxane
 Concen: 33.295 ng
 RT: 3.304 min Scan# 54
 Delta R.T. 0.012 min
 Lab File: BM050211.D
 Acq: 06 Jun 2025 12:46

Tgt Ion: 88 Resp: 304263
 Ion Ratio Lower Upper
 88 100
 58 54.4 42.9 64.3
 43 57.1 11.0 16.6#

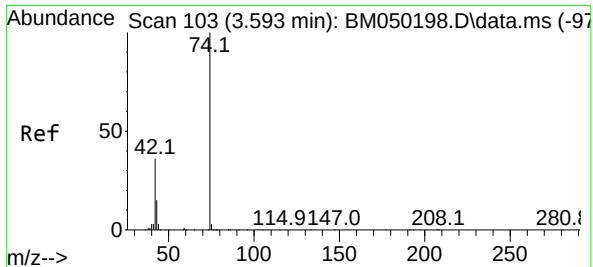
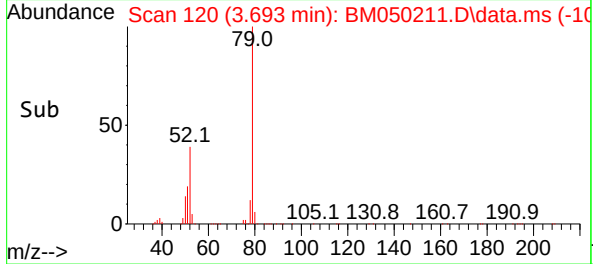
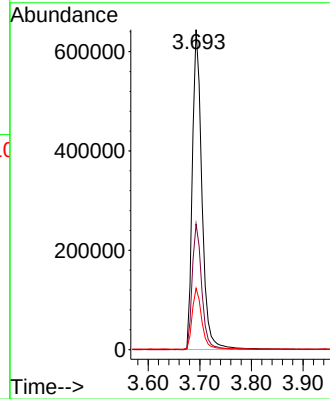
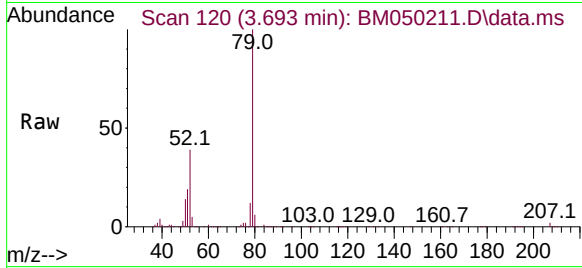




#3
Pyridine
Concen: 34.964 ng
RT: 3.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

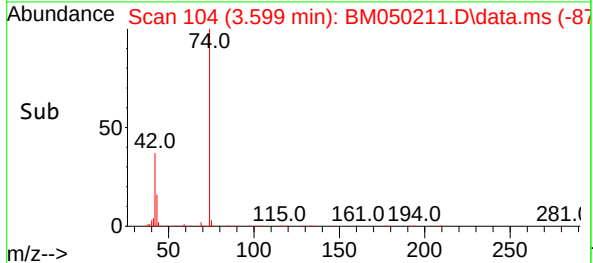
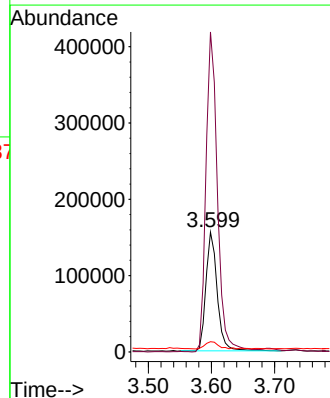
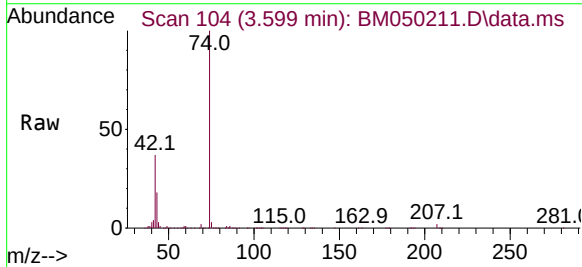
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ClientSampleId :
B-187-SB01MSD

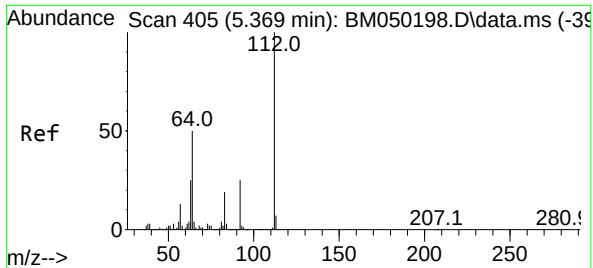
Tgt Ion: 79 Resp: 827427
Ion Ratio Lower Upper
79 100
52 39.3 32.1 48.1
51 19.2 15.4 23.0



#4
n-Nitrosodimethylamine
Concen: 39.545 ng
RT: 3.599 min Scan# 104
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 42 Resp: 193516
Ion Ratio Lower Upper
42 100
74 267.1 222.0 333.0
44 8.5 7.0 10.6

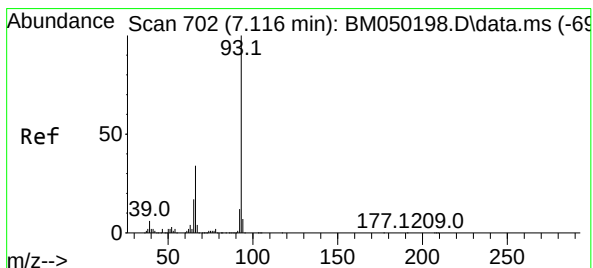
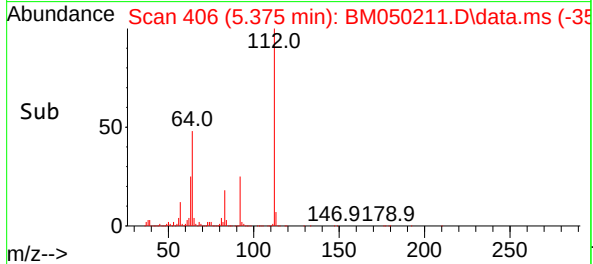
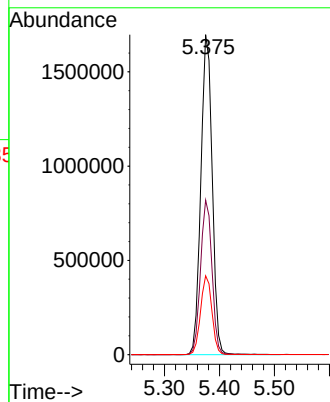
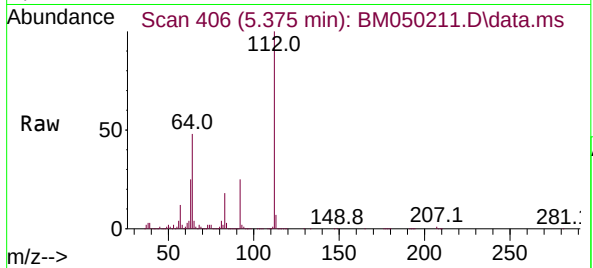




#5
2-Fluorophenol
Concen: 116.598 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

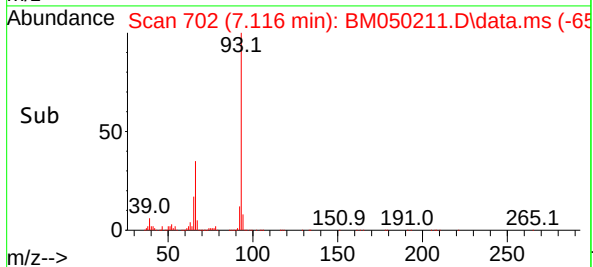
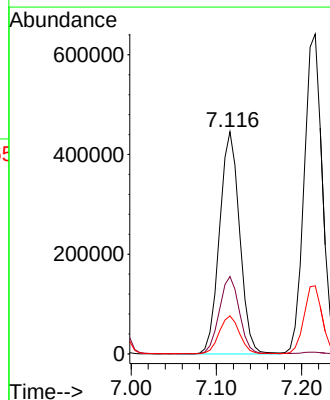
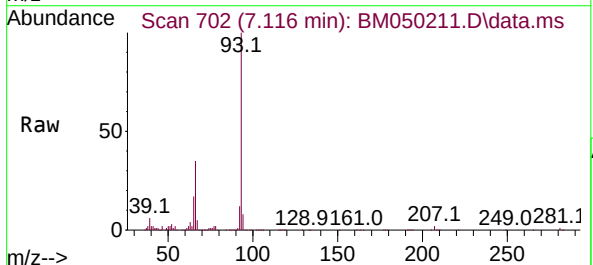
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

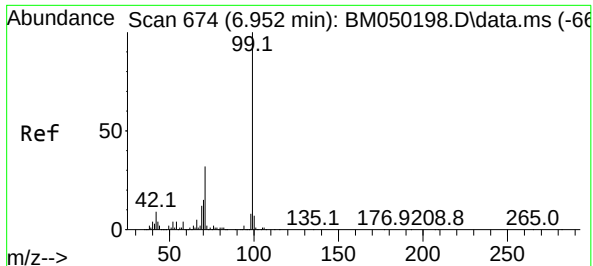
Tgt Ion:112 Resp: 2430803
Ion Ratio Lower Upper
112 100
64 48.3 39.8 59.6
63 24.6 19.8 29.8



#6
Aniline
Concen: 20.096 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 93 Resp: 729082
Ion Ratio Lower Upper
93 100
66 34.8 27.4 41.2
65 17.1 13.6 20.4

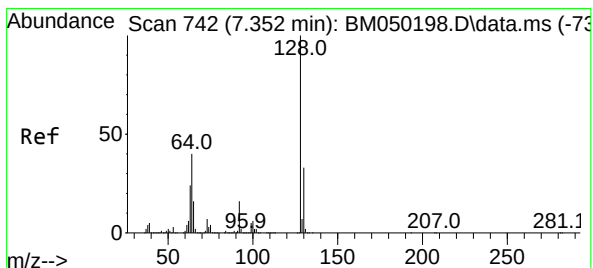
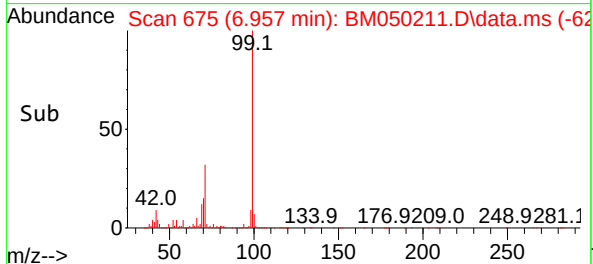
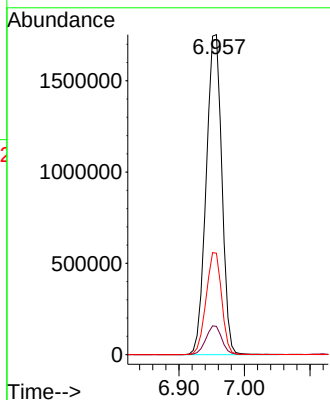
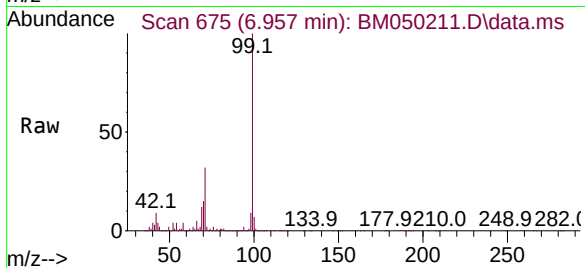




#7
Phenol-d6
Concen: 105.864 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

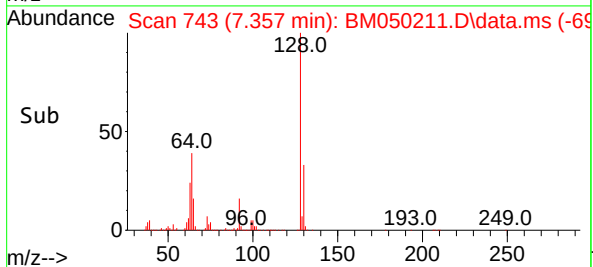
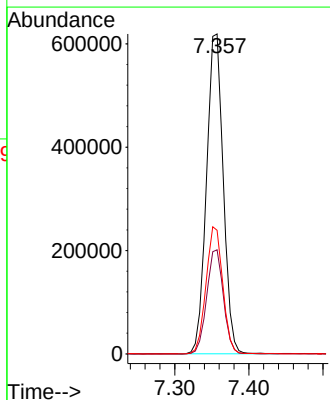
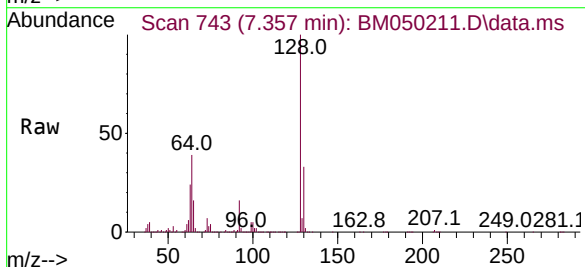
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

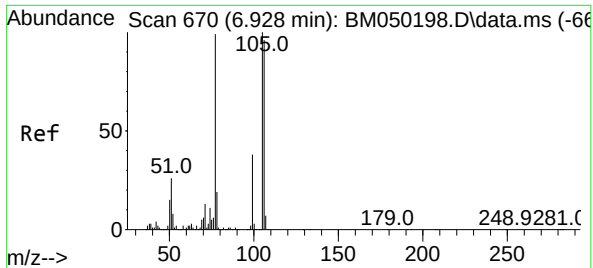
Tgt Ion: 99 Resp: 2905330
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.7 25.3 37.9



#8
2-Chlorophenol
Concen: 42.475 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 128 Resp: 974022
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 38.6 19.8 59.8

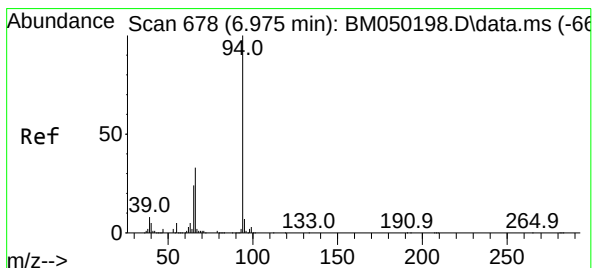
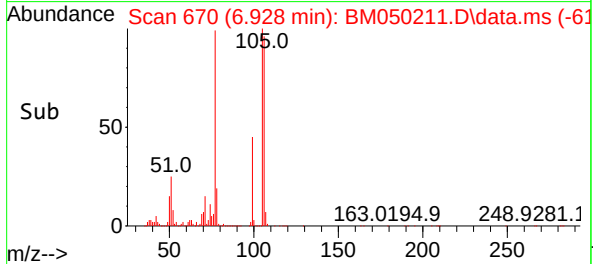
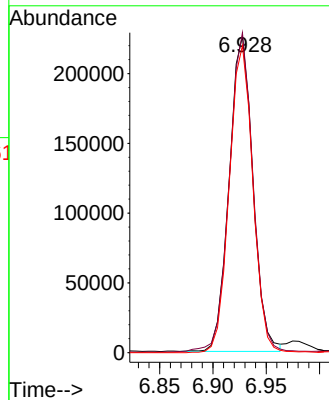
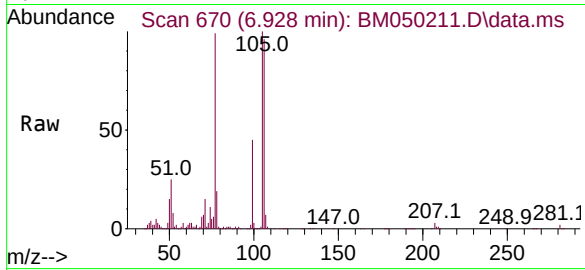




#9
Benzaldehyde
Concen: 20.027 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

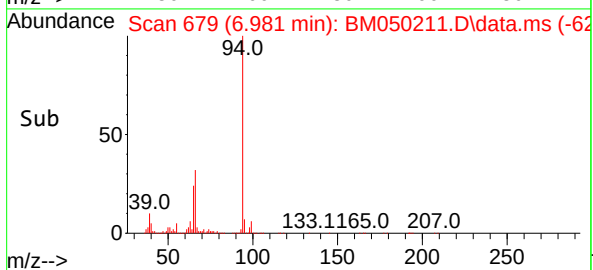
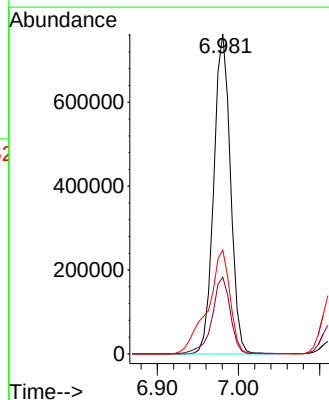
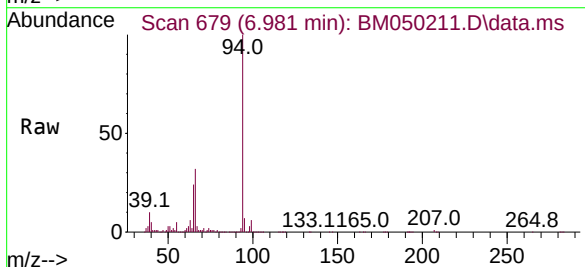
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

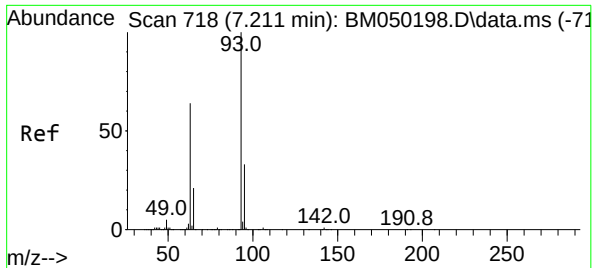
Tgt Ion: 77 Resp: 349435
Ion Ratio Lower Upper
77 100
105 101.2 80.9 120.9
106 97.1 77.1 117.1



#10
Phenol
Concen: 37.438 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 94 Resp: 1087108
Ion Ratio Lower Upper
94 100
65 24.0 4.3 44.3
66 32.5 12.9 52.9

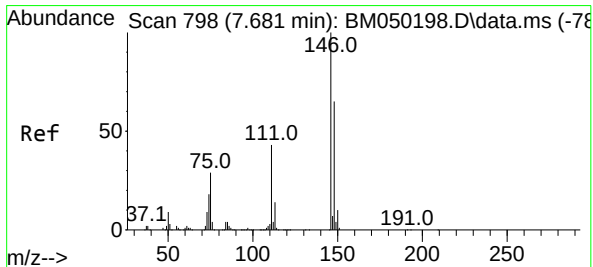
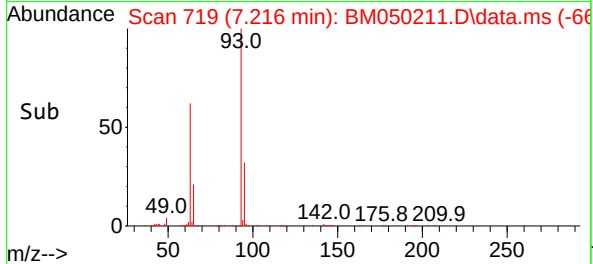
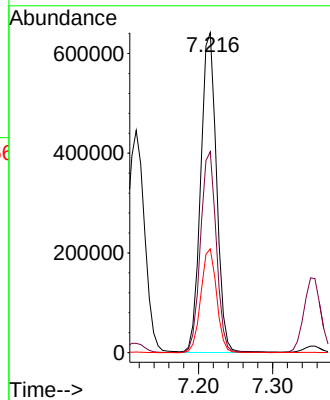
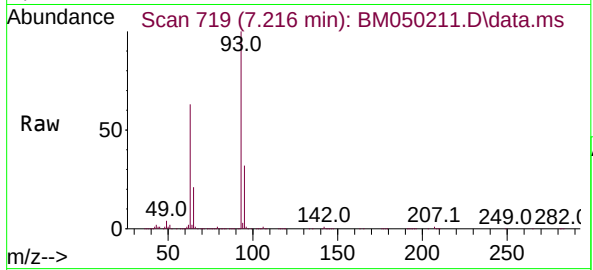




#11
bis(2-Chloroethyl)ether
Concen: 40.675 ng
RT: 7.216 min Scan# 718
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

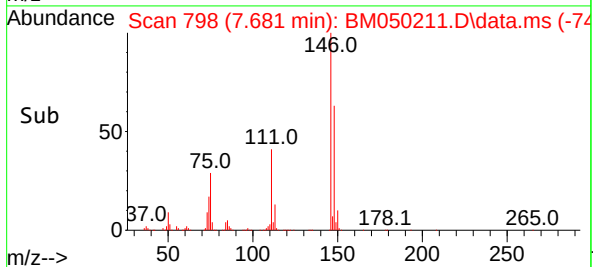
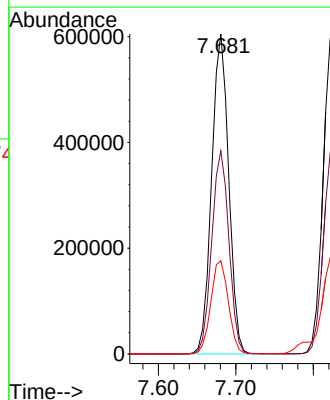
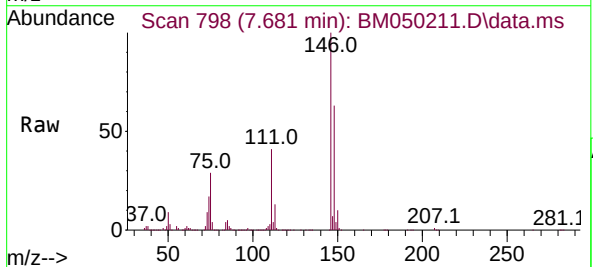
Instrument :
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ClientSampleId :
B-187-SB01MSD

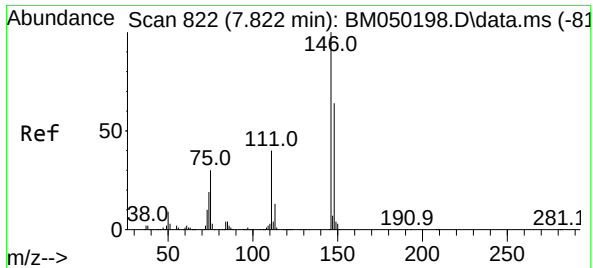
Tgt Ion: 93 Resp: 950012
Ion Ratio Lower Upper
93 100
63 62.8 43.9 83.9
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 35.976 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 146 Resp: 922280
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 29.1 23.4 35.0

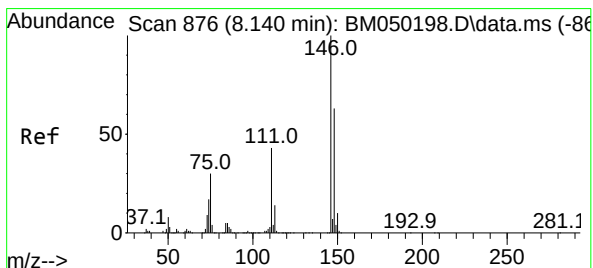
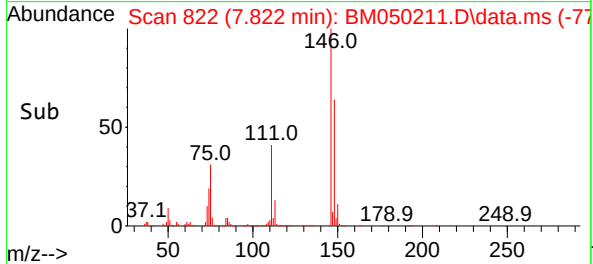
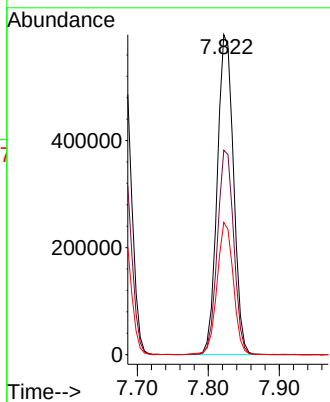
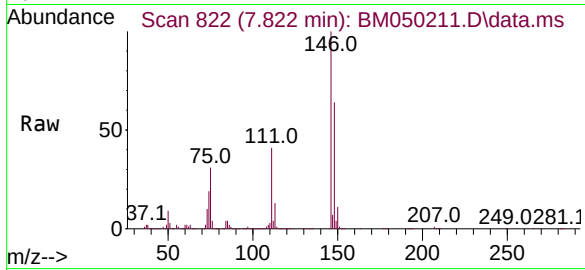




#13
1,4-Dichlorobenzene
Concen: 35.710 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

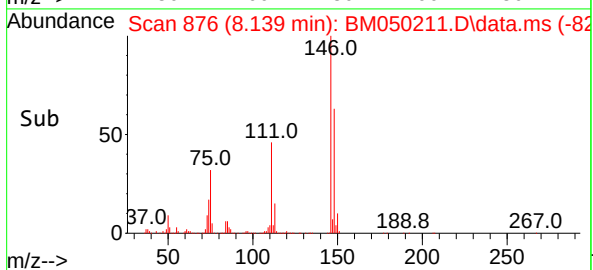
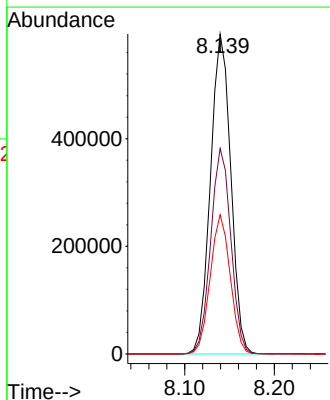
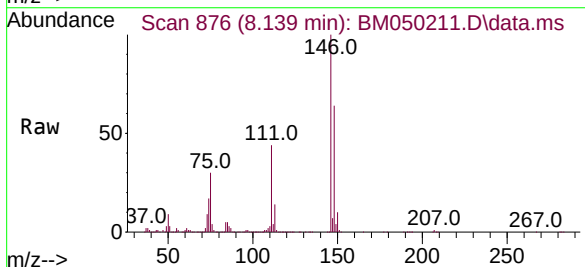
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

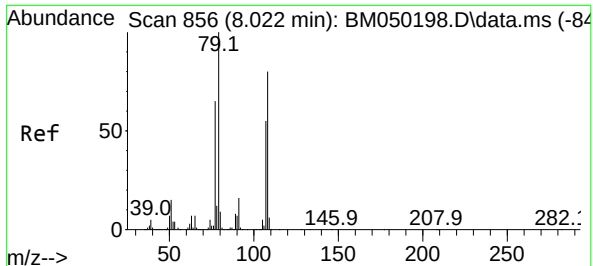
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	41.3	32.3	48.5



#14
1,2-Dichlorobenzene
Concen: 36.854 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.5	34.3	51.5

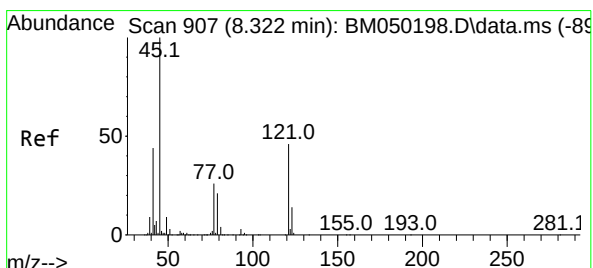
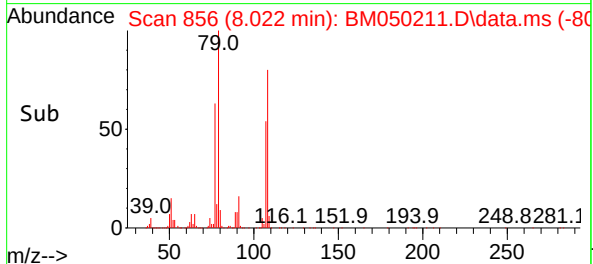
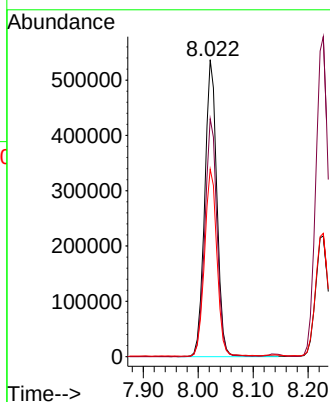
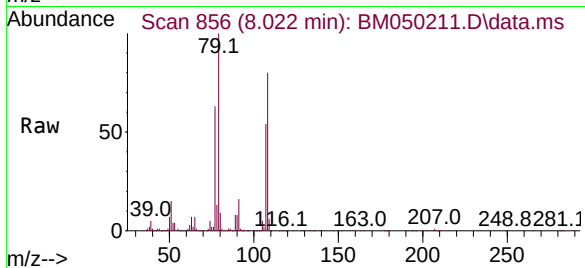




#15
Benzyl Alcohol
Concen: 42.243 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

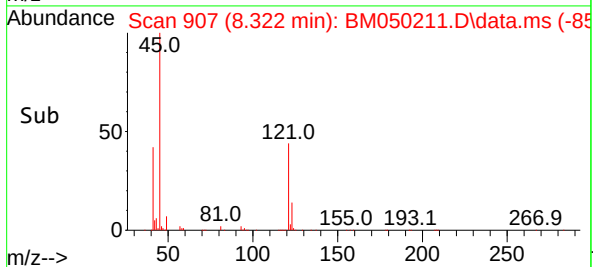
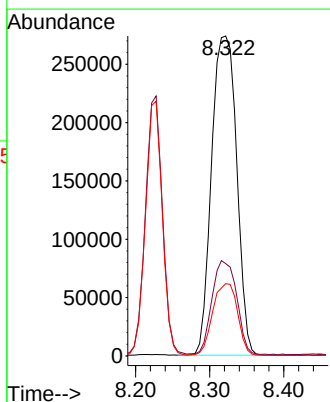
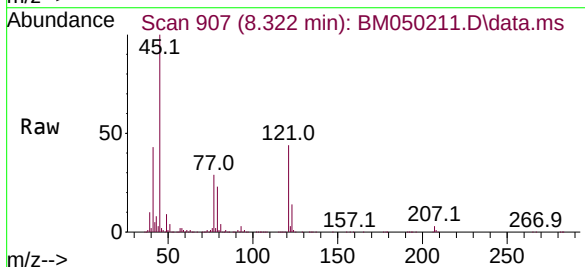
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

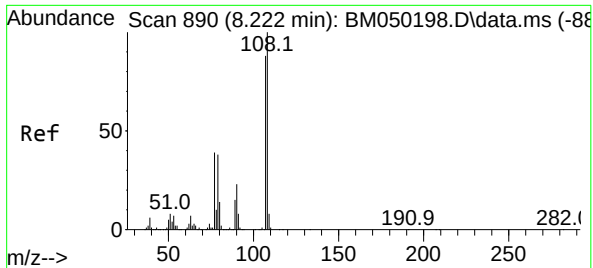
Tgt Ion: 79 Resp: 826863
Ion Ratio Lower Upper
79 100
108 80.1 64.0 96.0
77 63.1 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.648 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 45 Resp: 643282
Ion Ratio Lower Upper
45 100
77 28.8 8.7 48.7
79 22.6 2.7 42.7

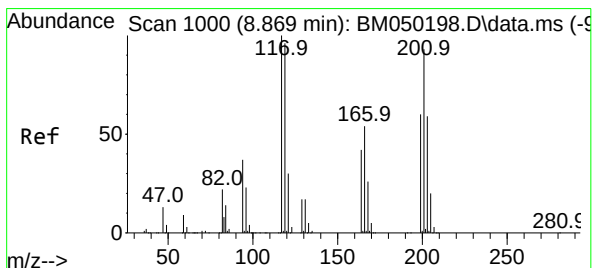
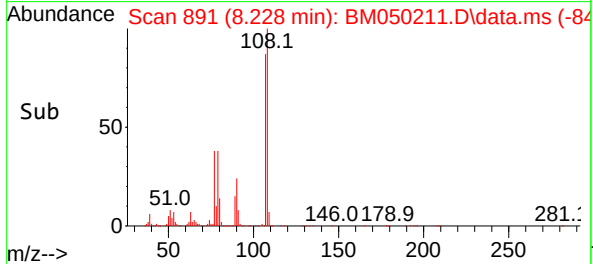
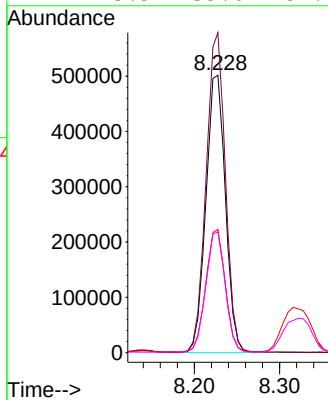
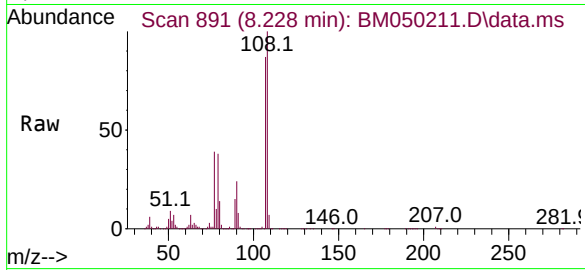




#17
2-Methylphenol
Concen: 41.634 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

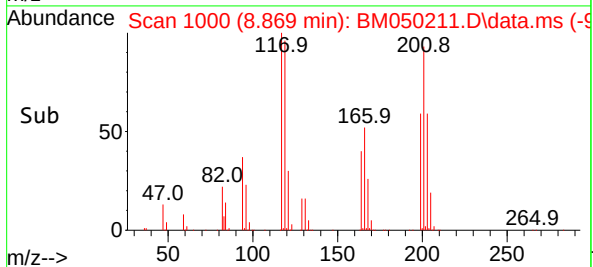
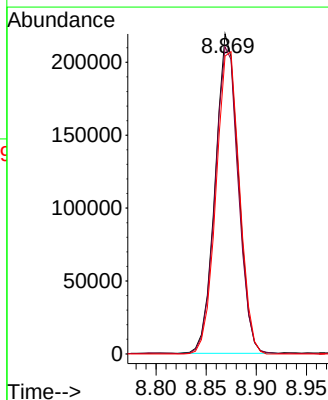
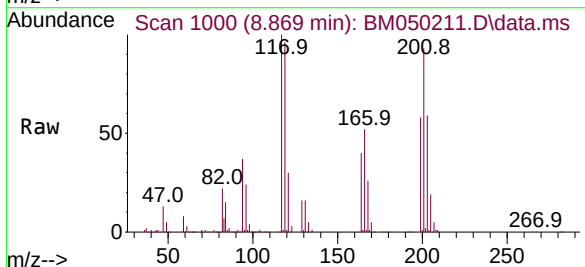
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

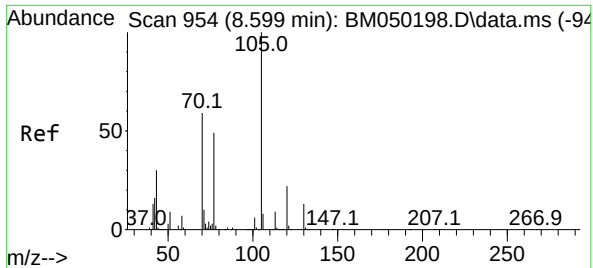
Tgt Ion:107 Resp: 797691
Ion Ratio Lower Upper
107 100
108 115.4 90.8 136.2
77 44.4 35.7 53.5
79 43.5 35.0 52.4



#18
Hexachloroethane
Concen: 36.320 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:117 Resp: 350837
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6
201 93.1 74.6 111.8

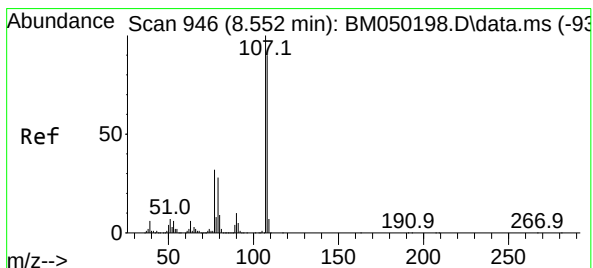
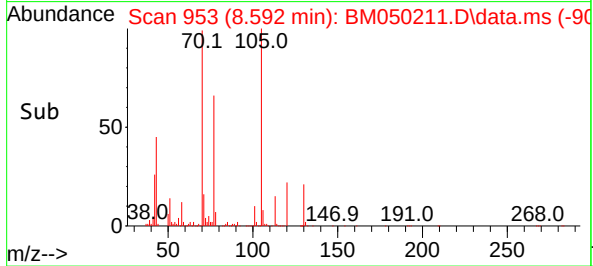
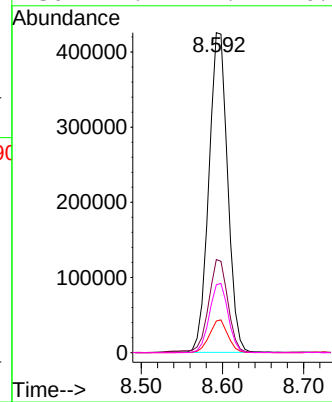
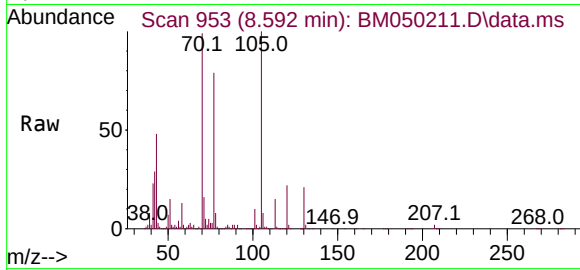




#19
n-Nitroso-di-n-propylamine
Concen: 40.685 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

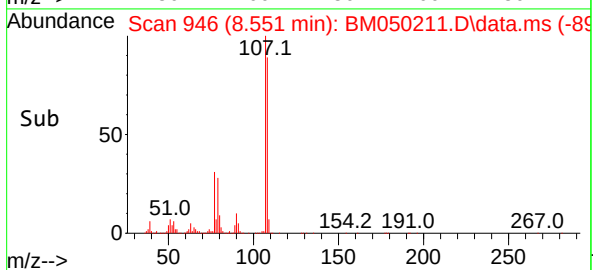
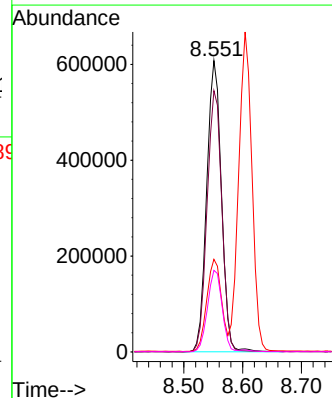
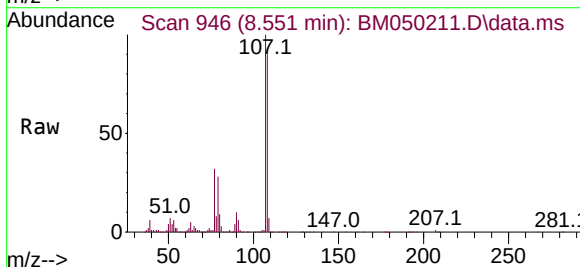
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

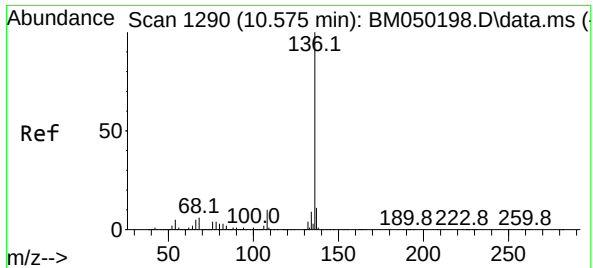
Tgt Ion: 70 Resp: 683284
Ion Ratio Lower Upper
70 100
42 29.1 22.6 33.8
101 9.9 8.3 12.5
130 21.2 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.147 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 107 Resp: 1054728
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 31.8 12.2 52.2
79 28.0 7.7 47.7

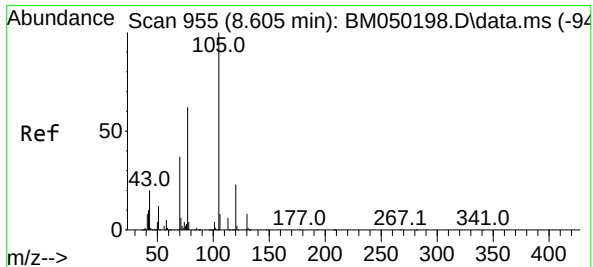
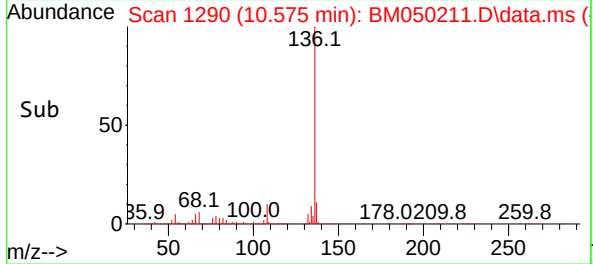
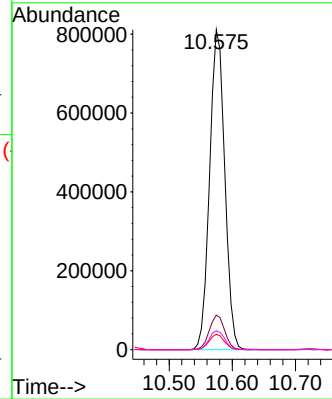
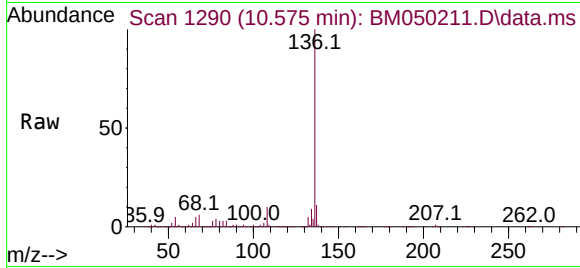




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

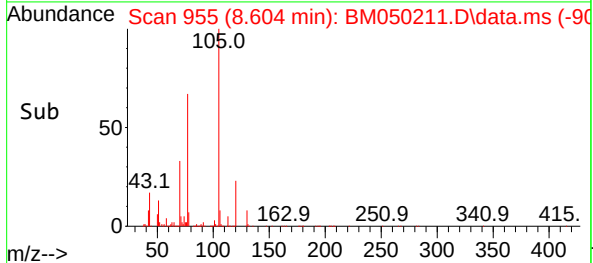
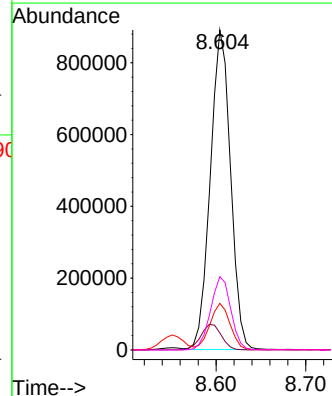
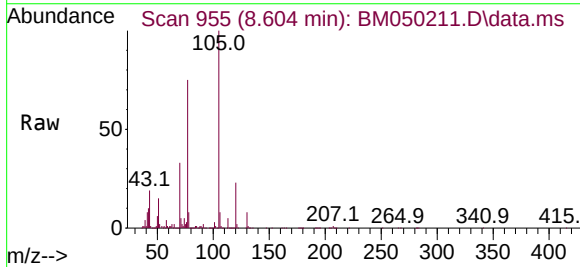
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

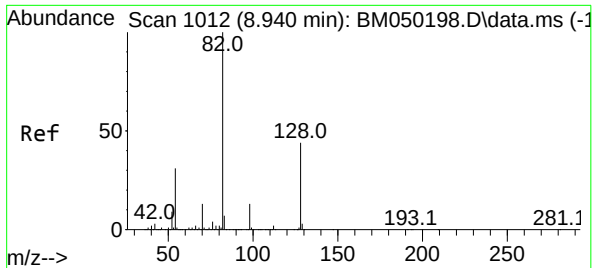
Tgt Ion:136 Resp: 1350319
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.8 3.8 5.8
68 5.9 4.9 7.3



#22
Acetophenone
Concen: 41.529 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:105 Resp: 1400969
Ion Ratio Lower Upper
105 100
71 5.3 5.0 7.4
51 14.5 11.4 17.2
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 77.214 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

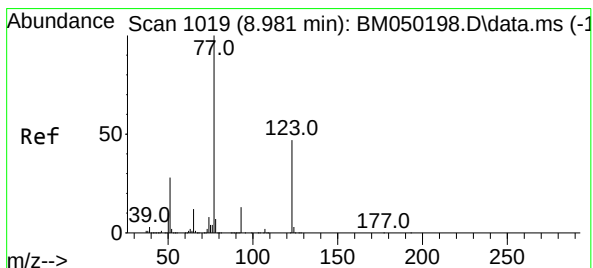
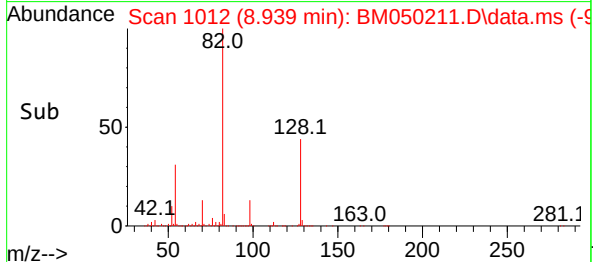
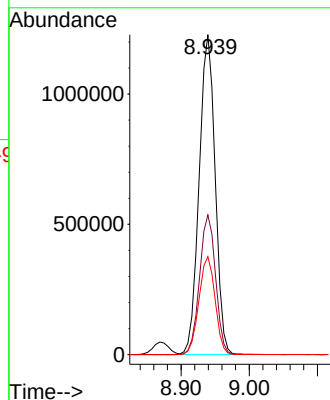
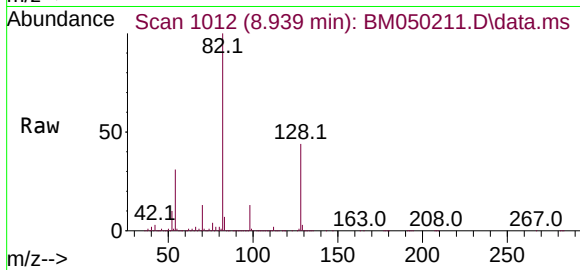
BNA_M

ClientSampleId :

B-187-SB01MSD

Tgt Ion: 82 Resp: 2004766

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	30.6	24.5	36.7



#24

Nitrobenzene

Concen: 42.856 ng

RT: 8.981 min Scan# 1019

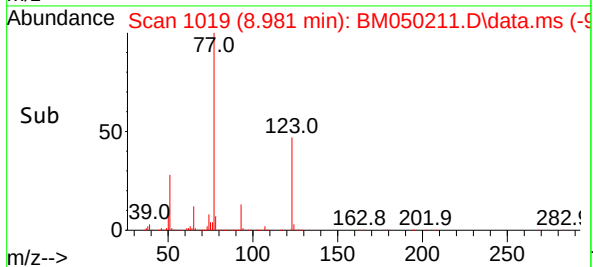
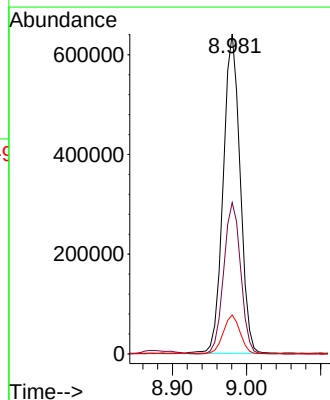
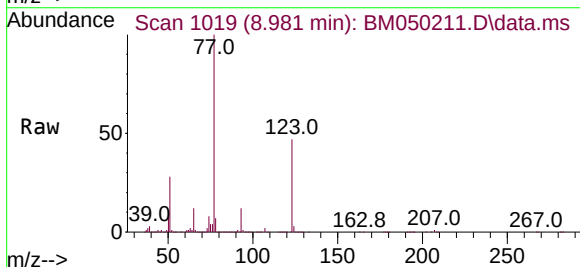
Delta R.T. -0.006 min

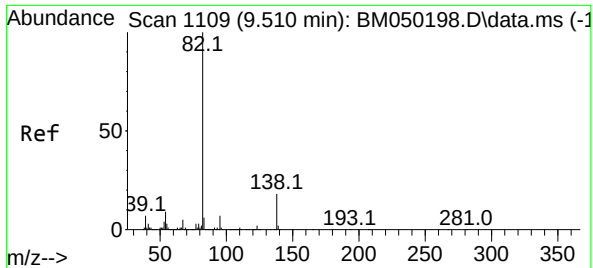
Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Tgt Ion: 77 Resp: 1011971

Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.2	57.2
65	12.2	9.5	14.3

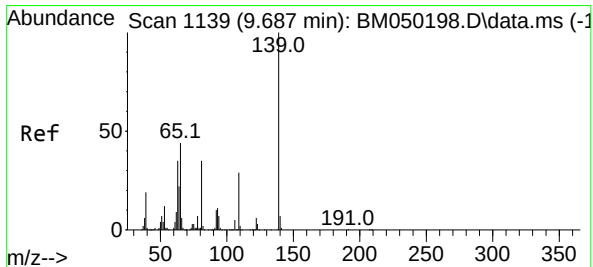
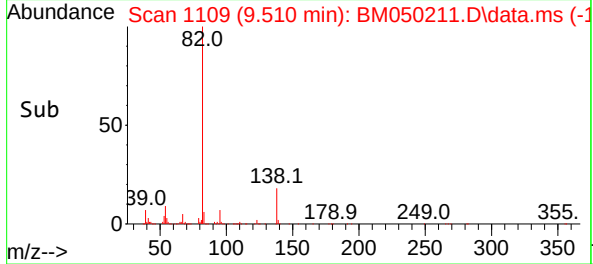
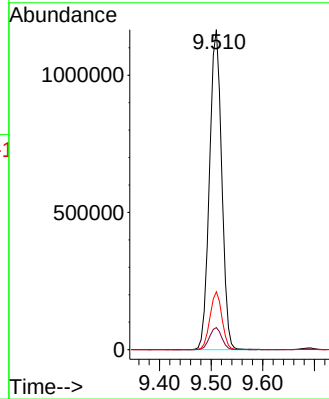
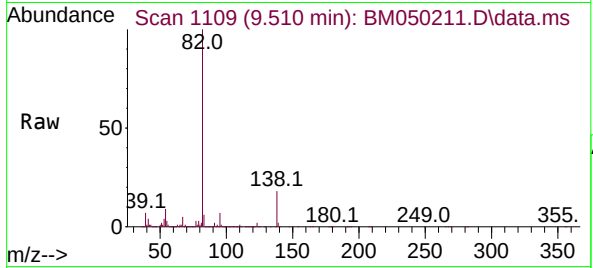




#25
Isophorone
Concen: 42.674 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

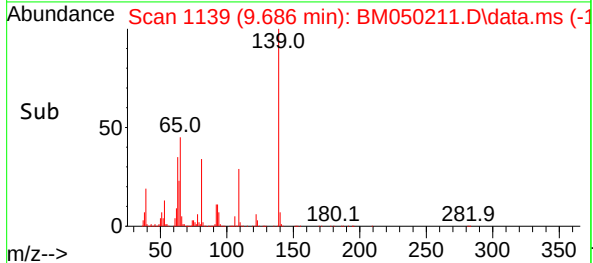
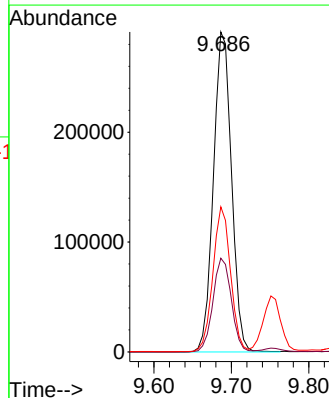
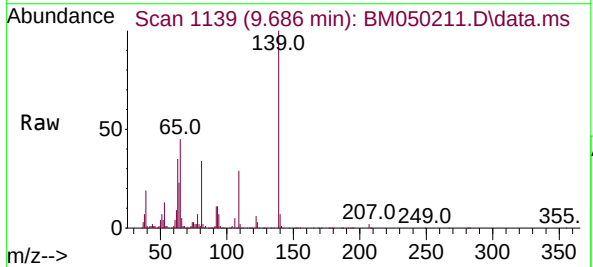
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

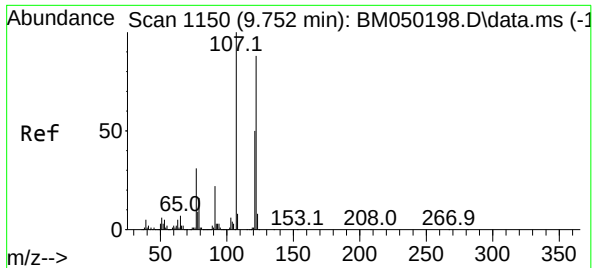
Tgt Ion: 82 Resp: 1912338
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 46.287 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:139 Resp: 471795
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 45.3 35.2 52.8

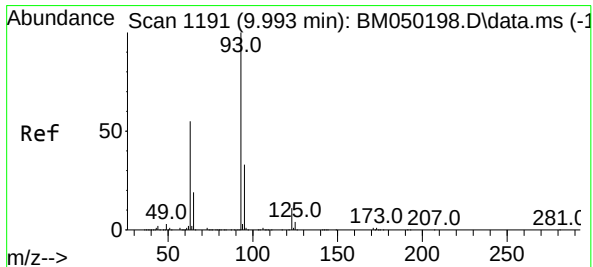
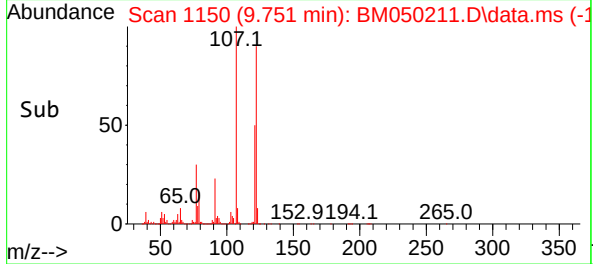
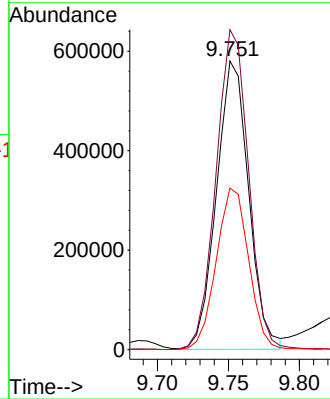
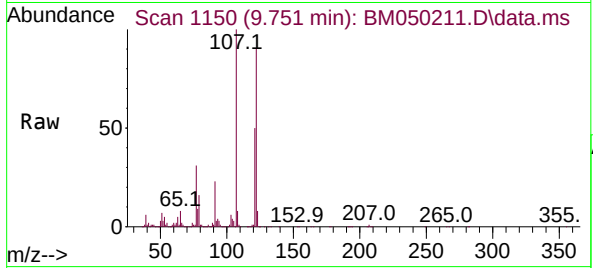




#27
2,4-Dimethylphenol
Concen: 43.849 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

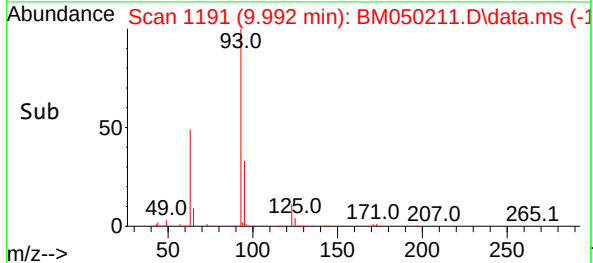
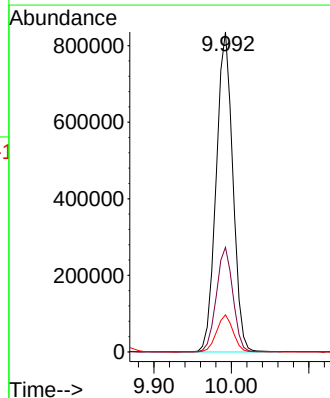
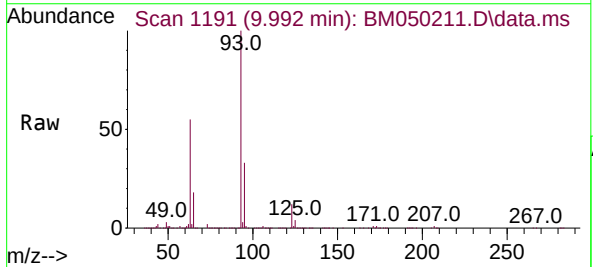
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

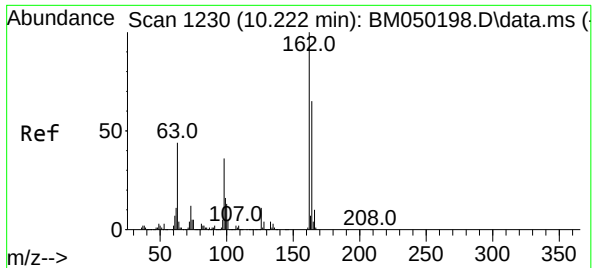
Tgt Ion:122 Resp: 918348
Ion Ratio Lower Upper
122 100
107 110.9 91.0 136.6
121 56.0 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.528 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 93 Resp: 1245014
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.6 8.9 13.3

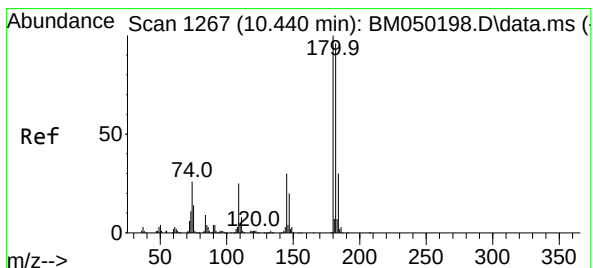
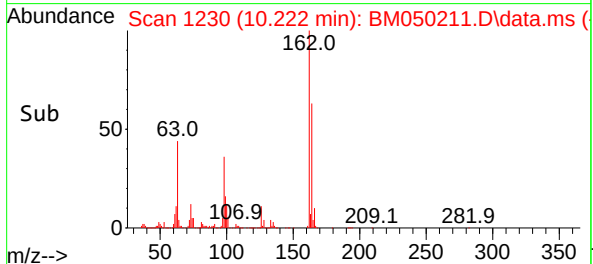
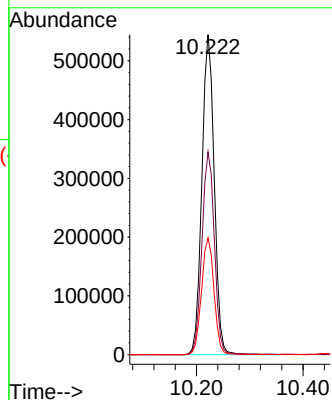
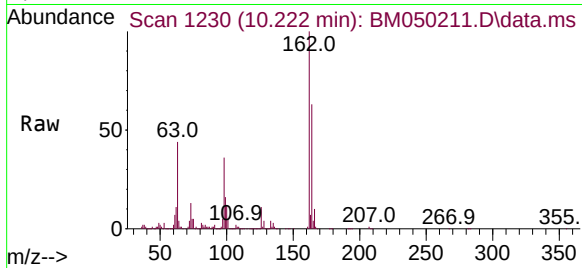




#29
2,4-Dichlorophenol
Concen: 45.067 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

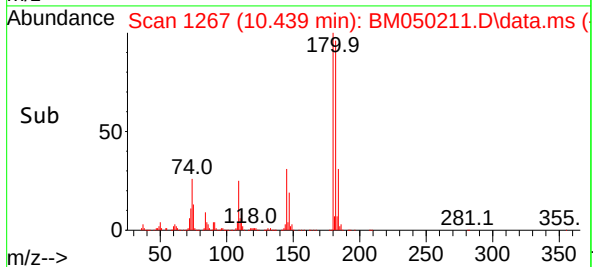
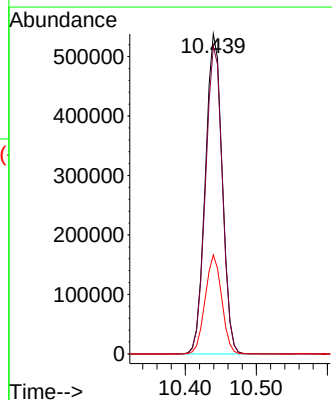
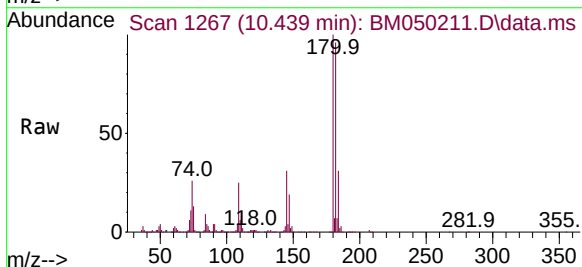
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

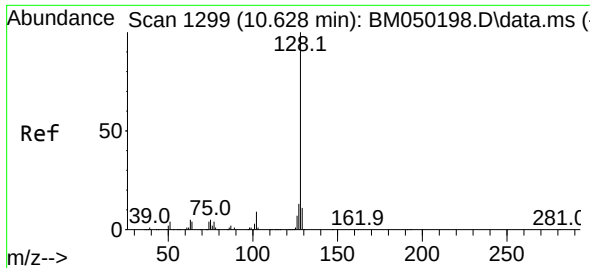
Tgt Ion:162 Resp: 873426
Ion Ratio Lower Upper
162 100
164 63.4 45.0 85.0
98 36.4 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 41.092 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:180 Resp: 886234
Ion Ratio Lower Upper
180 100
182 96.1 76.6 114.8
145 30.9 24.2 36.4

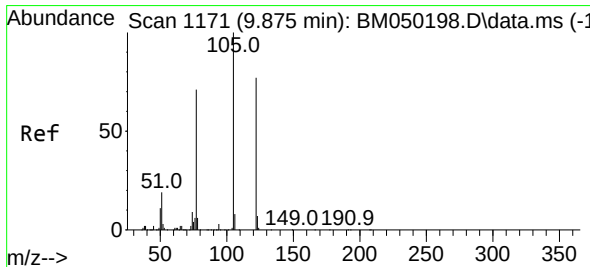
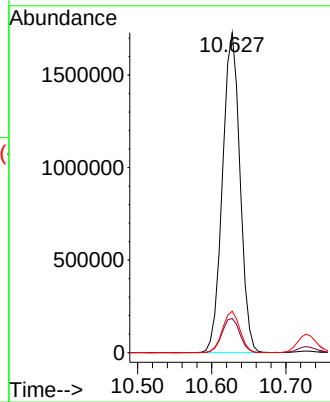
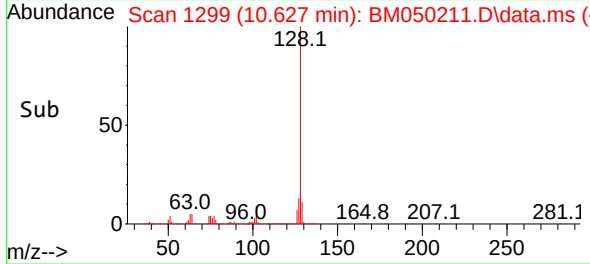
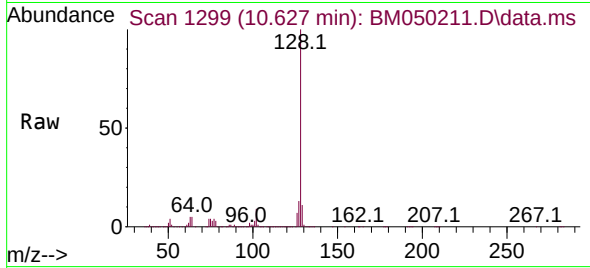




#31
Naphthalene
Concen: 40.557 ng
RT: 10.627 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

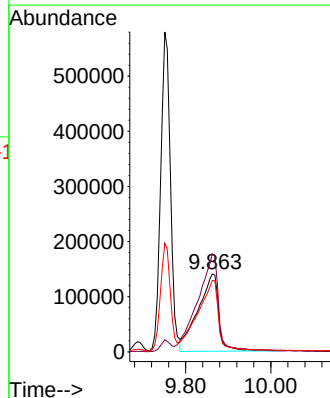
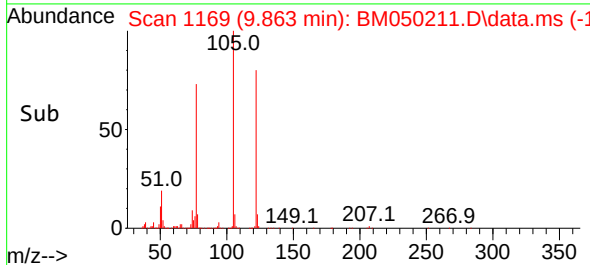
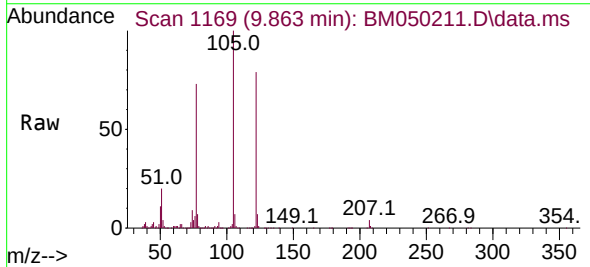
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

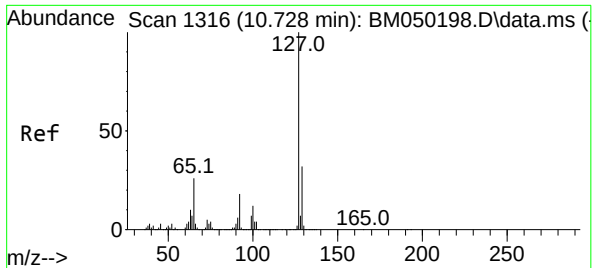
Tgt Ion:128 Resp: 2831466
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 36.311 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.053 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:122 Resp: 477925
Ion Ratio Lower Upper
122 100
105 125.9 103.4 143.4
77 91.8 70.3 110.3

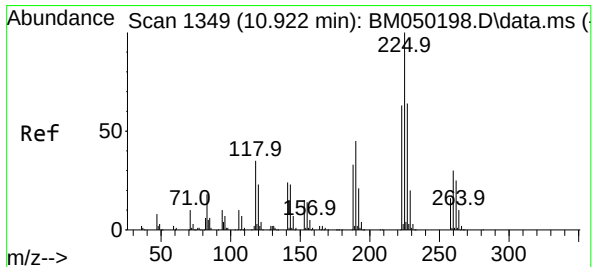
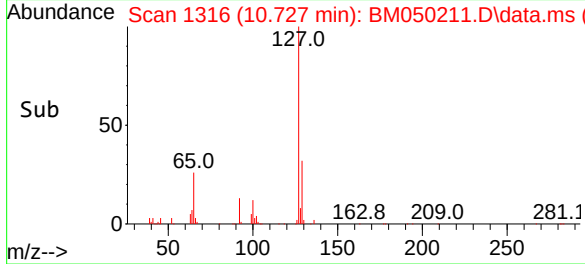
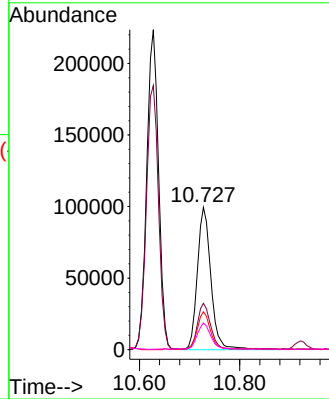
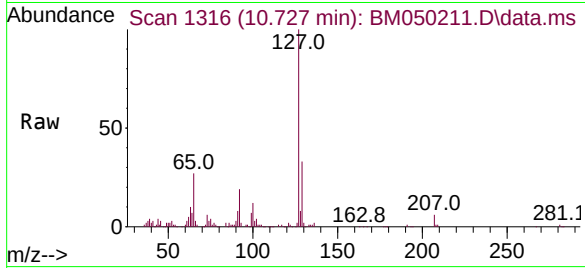




#33
4-Chloroaniline
Concen: 6.284 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

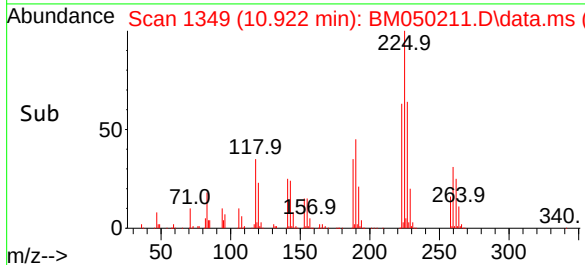
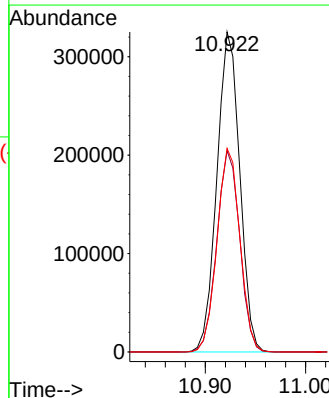
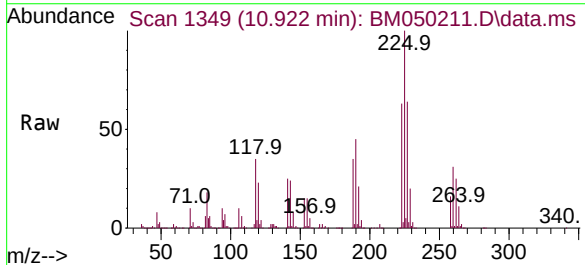
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

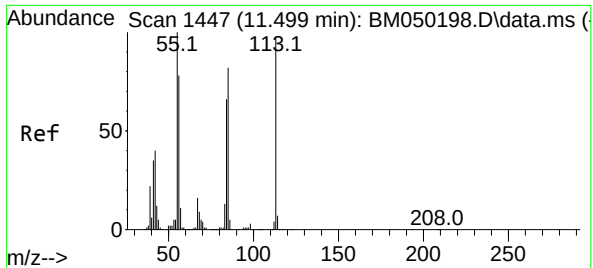
Tgt Ion:	127	Resp:	187043
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.0
65	26.6	21.0	31.4
92	18.7	14.8	22.2



#34
Hexachlorobutadiene
Concen: 40.227 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:	225	Resp:	516046
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.6	51.0	76.4

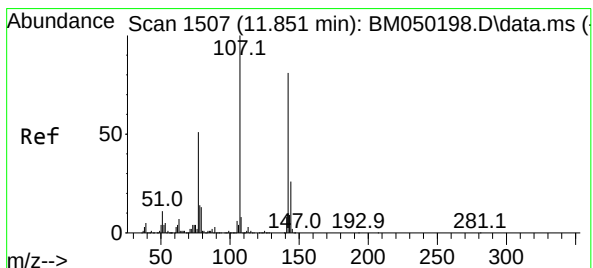
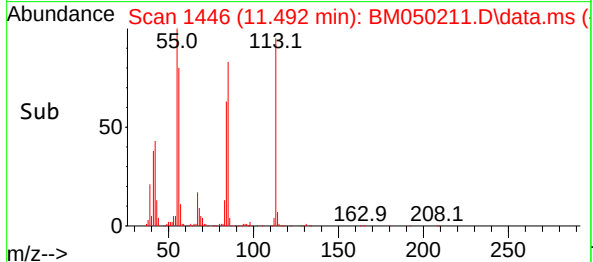
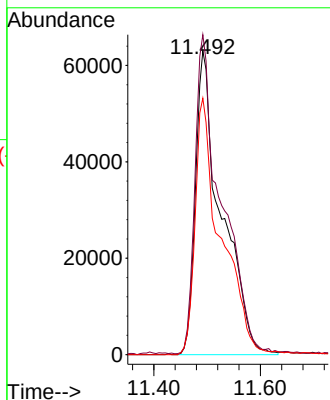
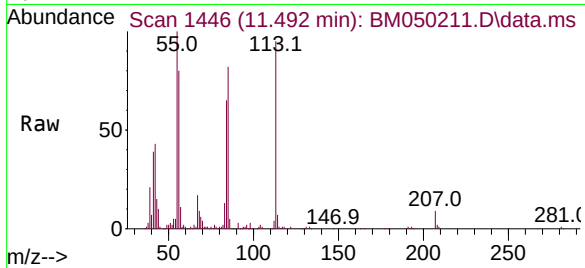




#35
Caprolactam
Concen: 34.472 ng
RT: 11.492 min Scan# 1446
Delta R.T. -0.030 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

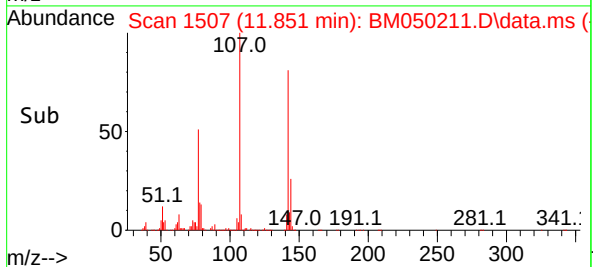
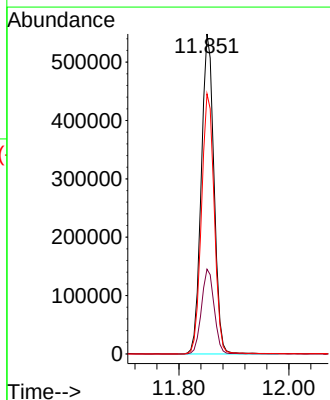
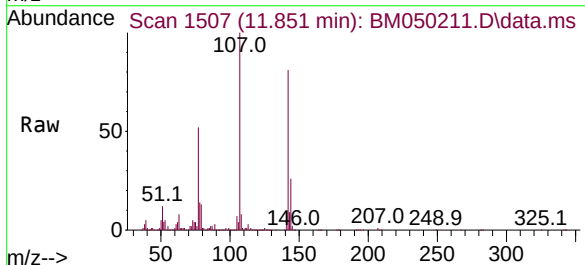
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

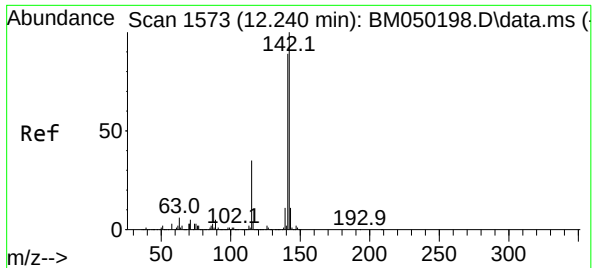
Tgt Ion:113 Resp: 211805
Ion Ratio Lower Upper
113 100
55 105.4 83.5 123.5
56 84.4 60.6 100.6



#36
4-Chloro-3-methylphenol
Concen: 42.447 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:107 Resp: 877820
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.6
142 81.3 64.8 97.2

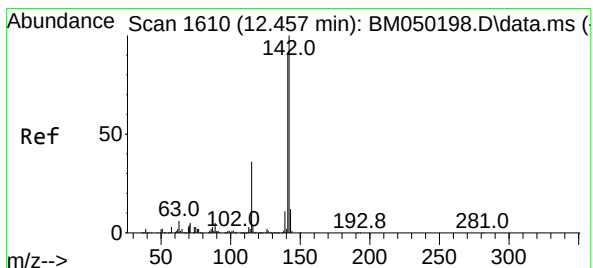
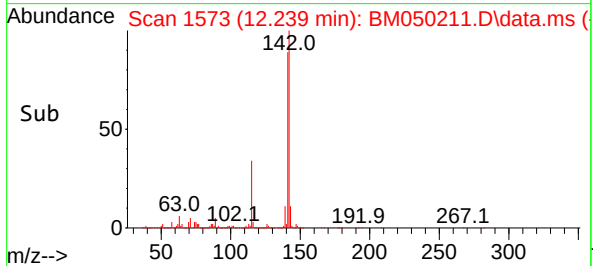
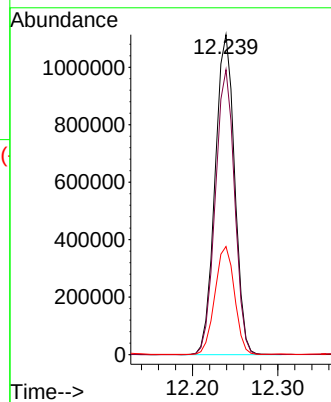
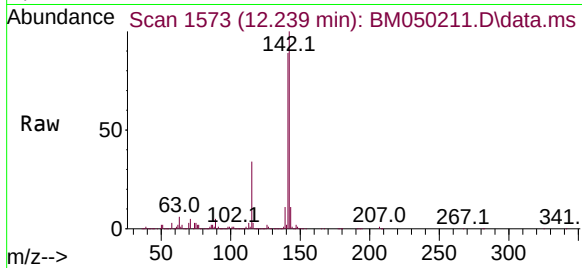




#37
2-Methylnaphthalene
Concen: 42.088 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

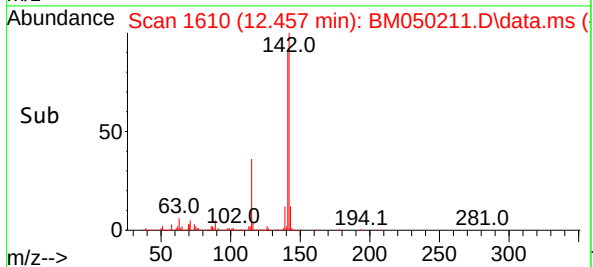
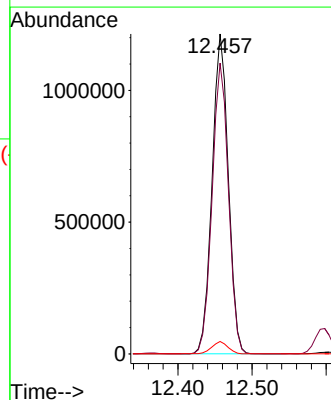
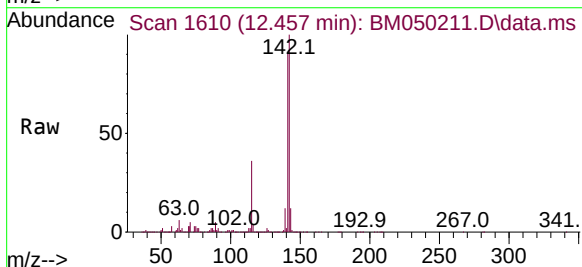
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

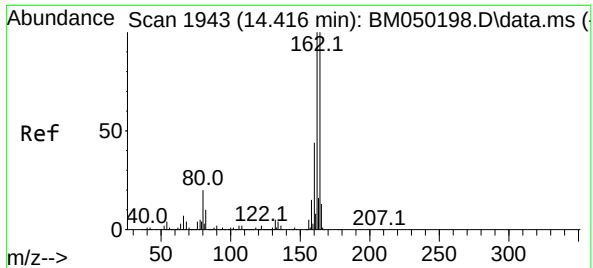
Tgt Ion:142 Resp: 1772625
Ion Ratio Lower Upper
142 100
141 89.0 71.5 107.3
115 33.8 27.8 41.8



#38
1-Methylnaphthalene
Concen: 41.266 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:142 Resp: 1844686
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3
116 3.9 3.0 4.6

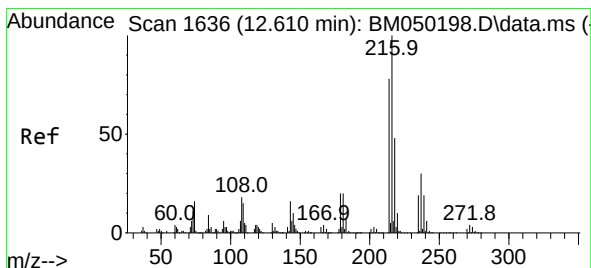
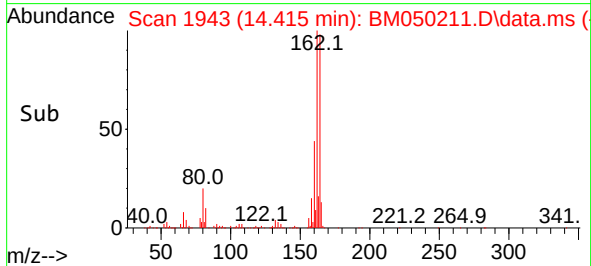
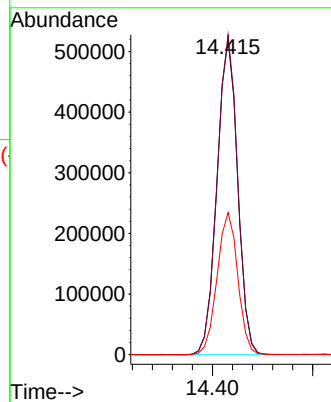
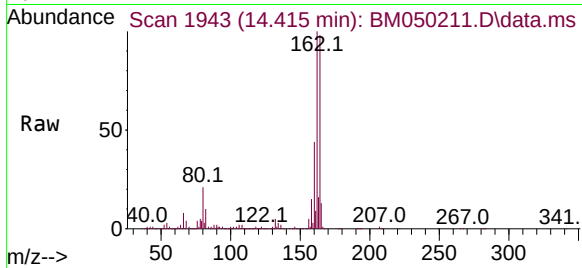




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

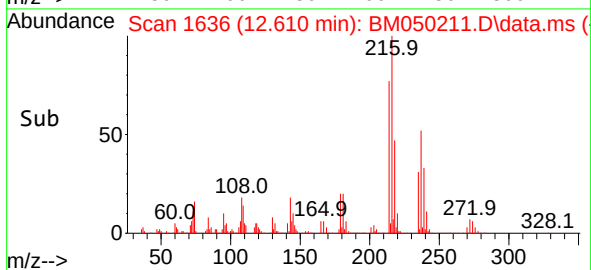
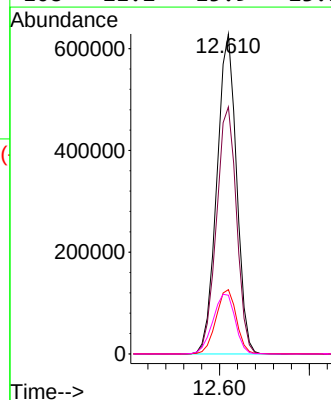
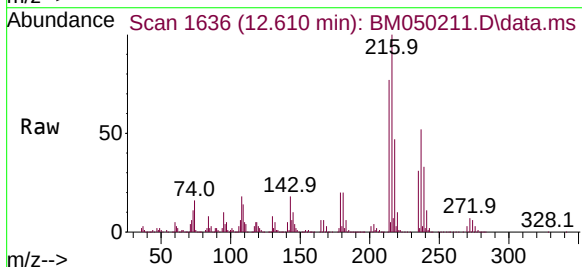
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

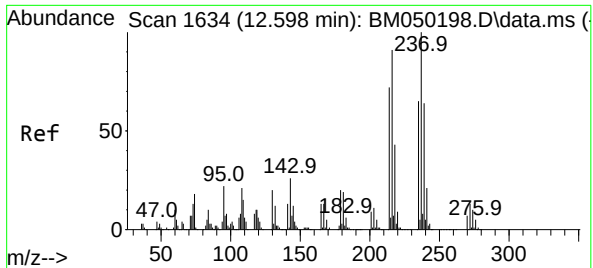
Tgt Ion:164 Resp: 744312
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.4
160 45.1 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.670 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:216 Resp: 960082
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.9 16.6 25.0
108 21.2 15.9 23.9

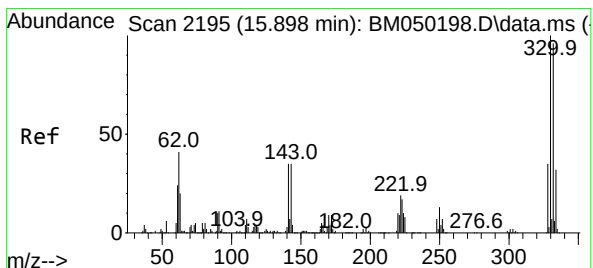
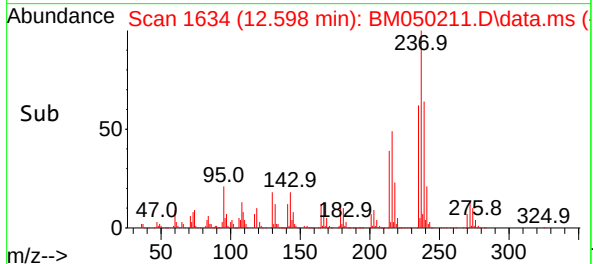
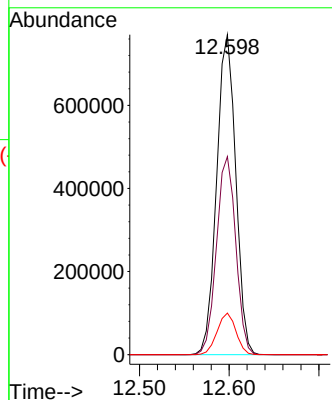
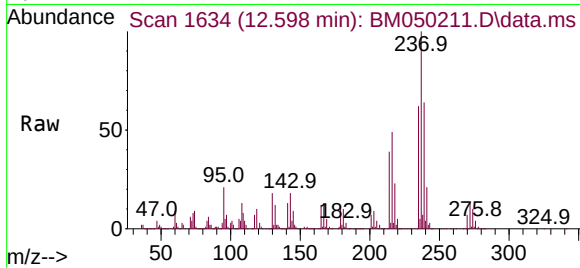




#41
Hexachlorocyclopentadiene
Concen: 87.366 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

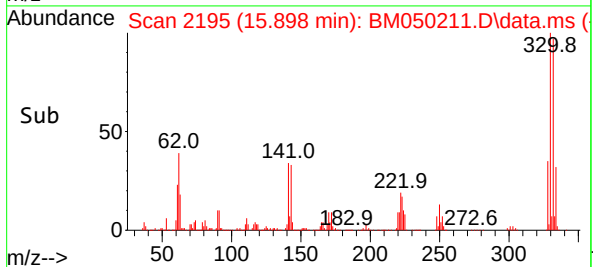
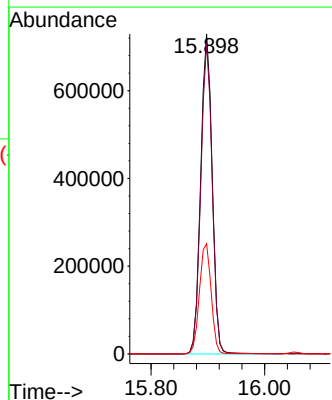
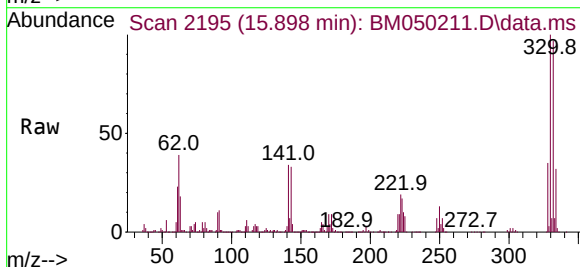
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

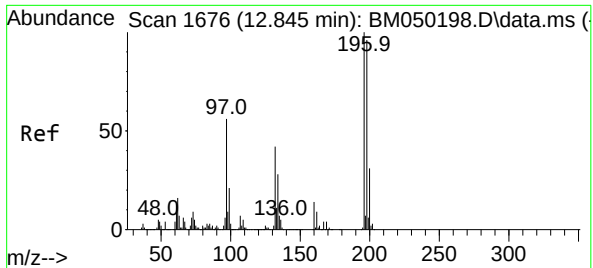
Tgt Ion:237 Resp: 1140357
Ion Ratio Lower Upper
237 100
235 61.9 44.6 84.6
272 13.0 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 120.593 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:330 Resp: 1020943
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 35.2 28.8 43.2

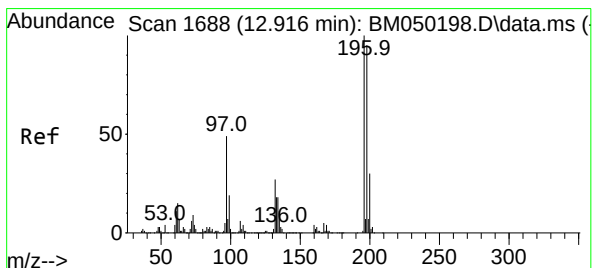
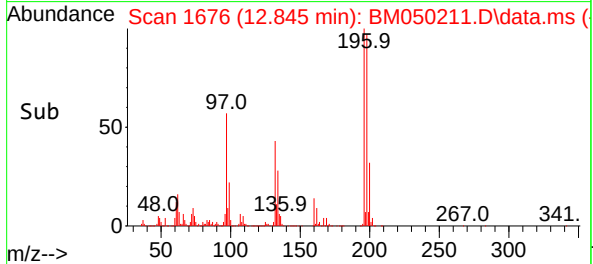
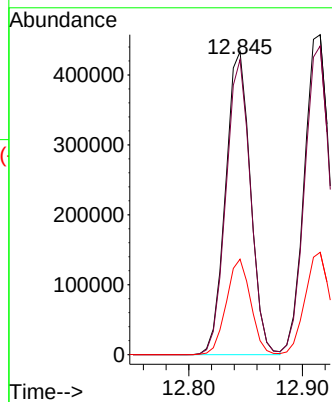
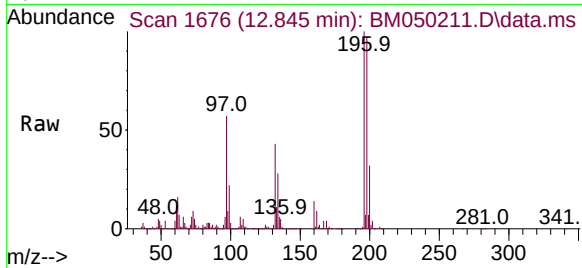




#43
2,4,6-Trichlorophenol
Concen: 46.644 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

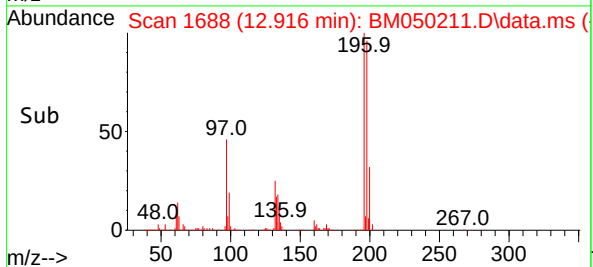
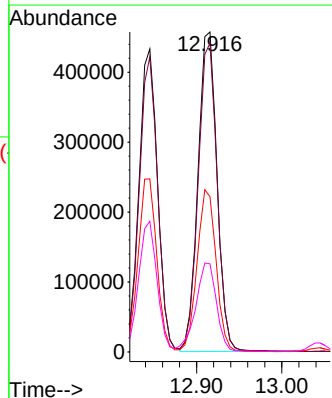
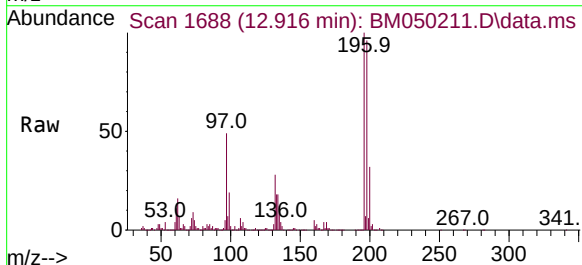
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

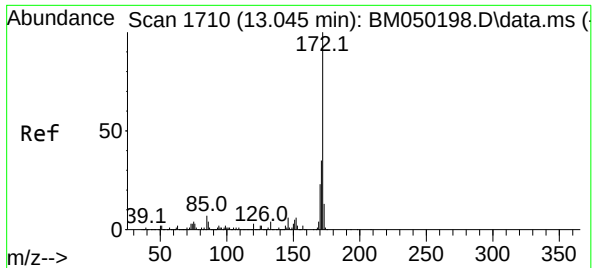
Tgt Ion:196 Resp: 659262
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
200 31.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.827 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:196 Resp: 711164
Ion Ratio Lower Upper
196 100
198 96.5 76.1 114.1
97 48.5 39.3 58.9
132 27.5 21.4 32.0

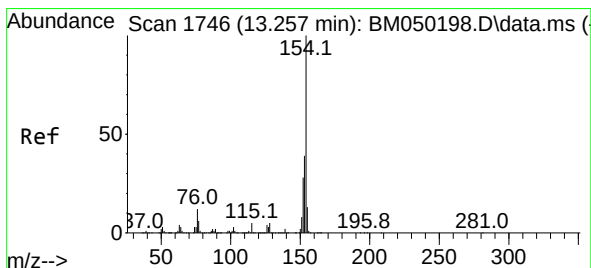
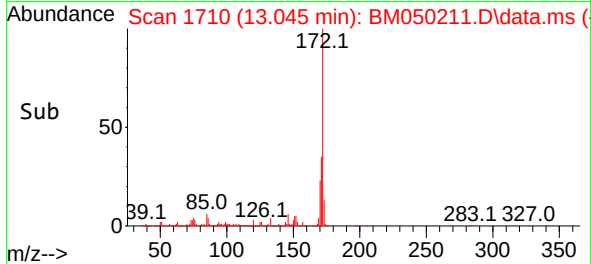
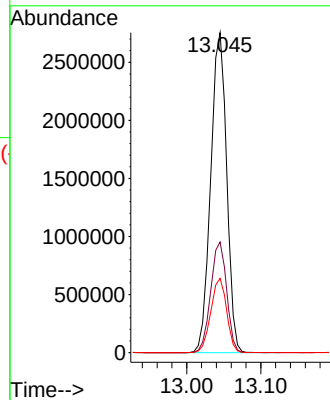
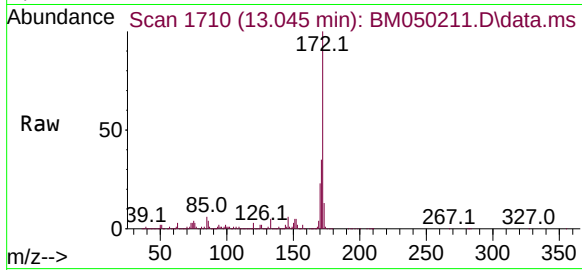




#45
2-Fluorobiphenyl
Concen: 75.104 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

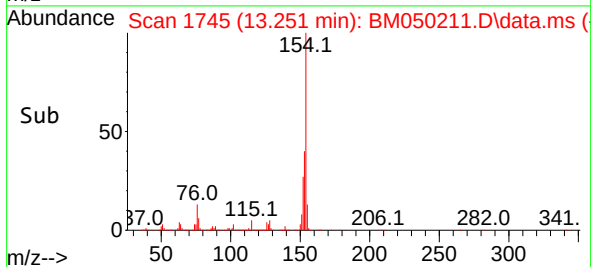
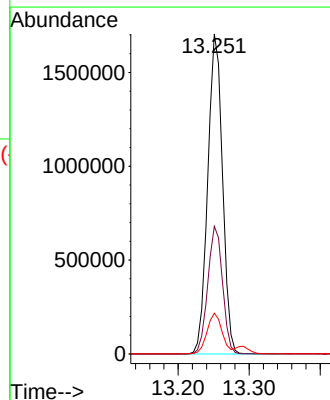
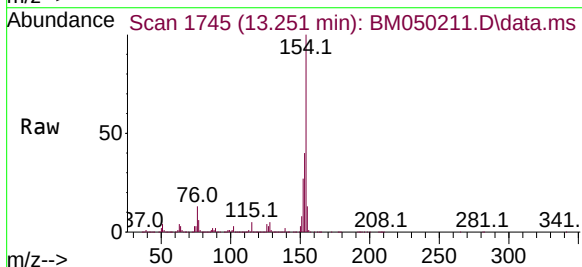
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

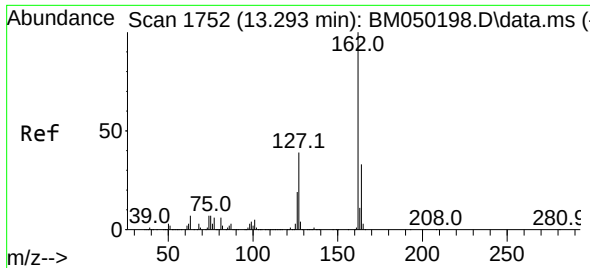
Tgt Ion:172 Resp: 4129019
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.007 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:154 Resp: 2452677
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 12.7 0.0 32.0

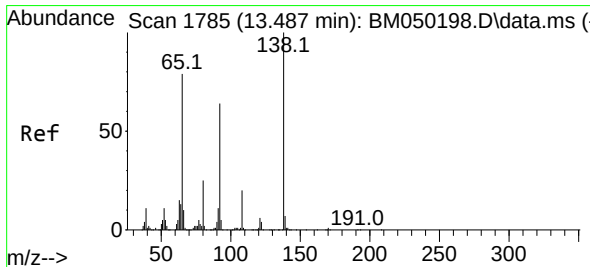
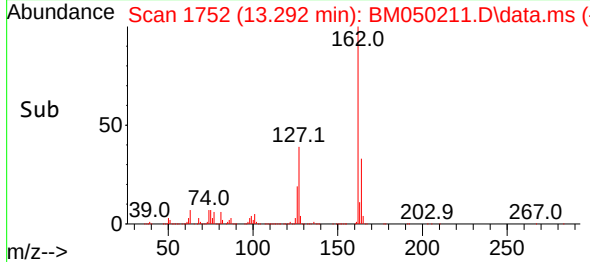
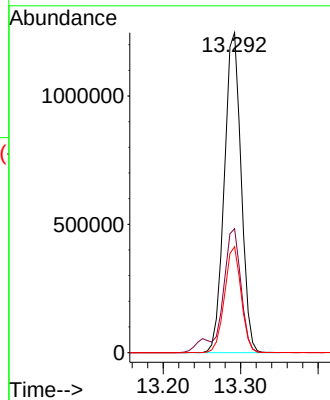
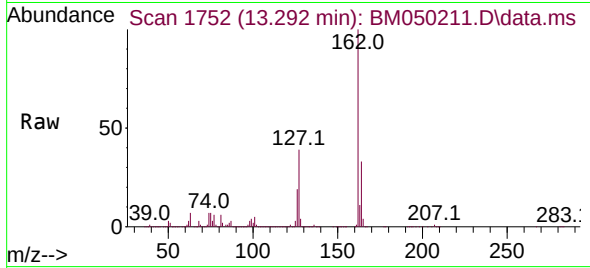




#47
2-Chloronaphthalene
Concen: 43.426 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

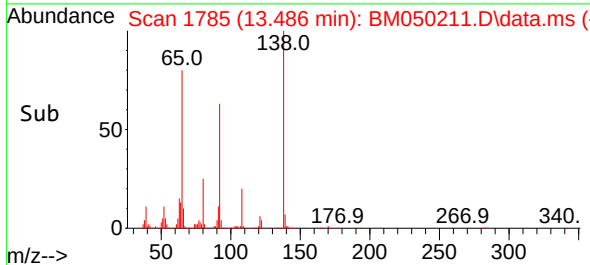
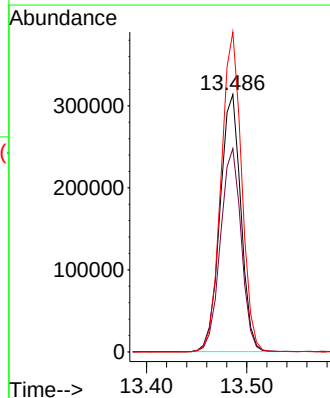
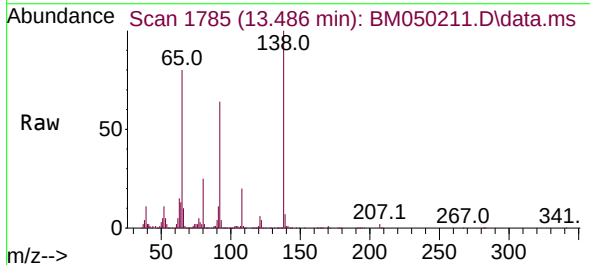
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

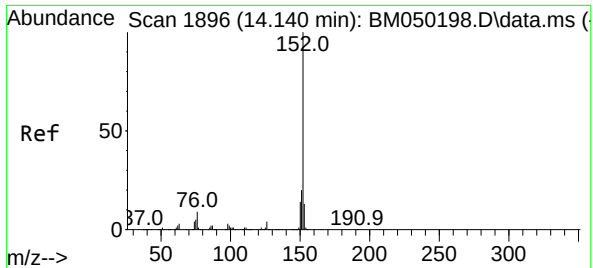
Tgt Ion:162 Resp: 1881619
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 47.502 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 65 Resp: 452934
Ion Ratio Lower Upper
65 100
92 79.0 64.2 96.4
138 124.4 101.0 151.4

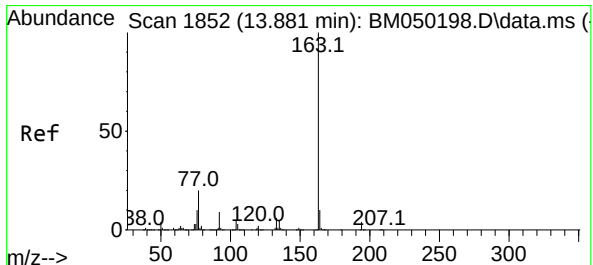
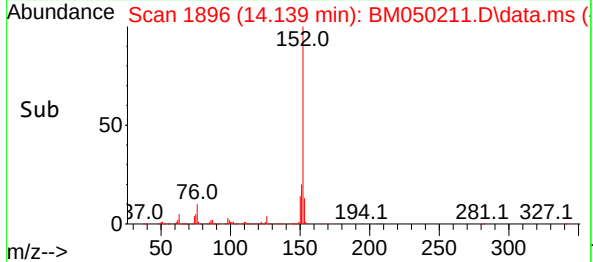
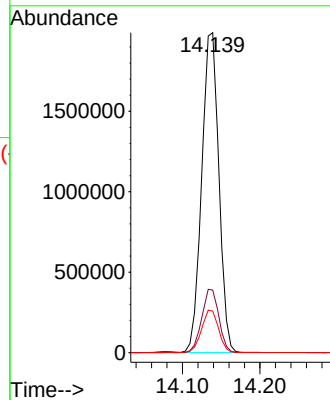
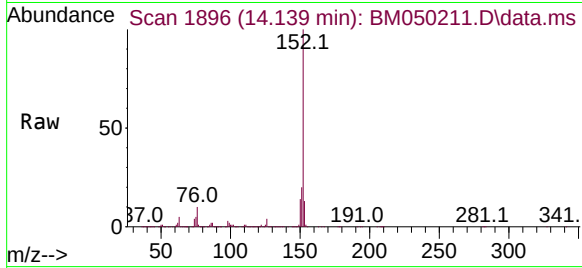




#49
Acenaphthylene
Concen: 43.554 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

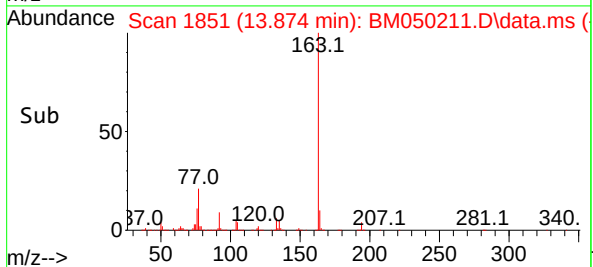
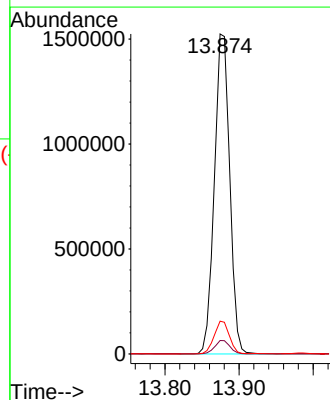
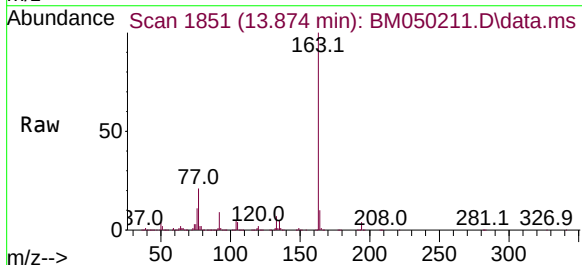
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

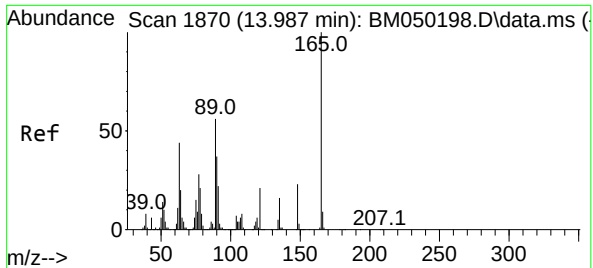
Tgt Ion:152 Resp: 3052359
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 43.562 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:163 Resp: 2192800
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 7.9 11.9

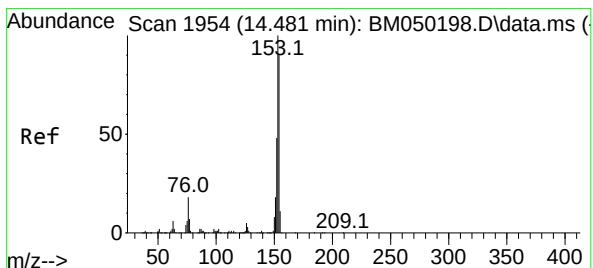
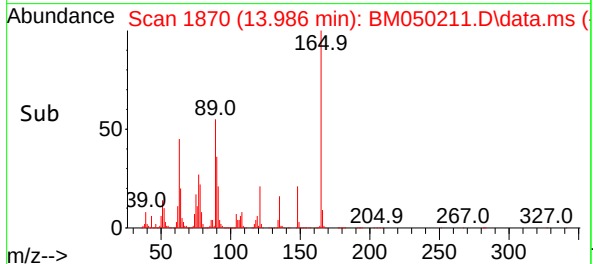
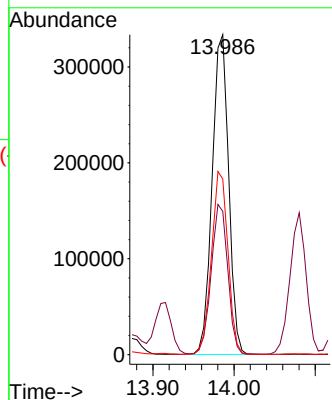
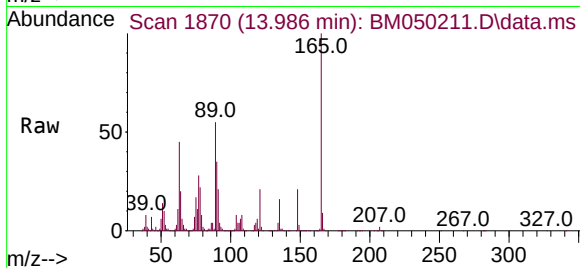




#51
2,6-Dinitrotoluene
Concen: 46.422 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

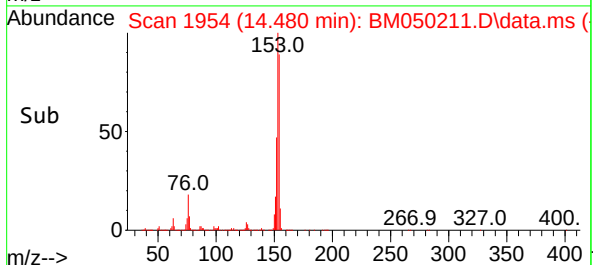
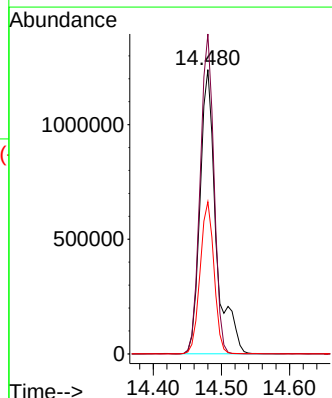
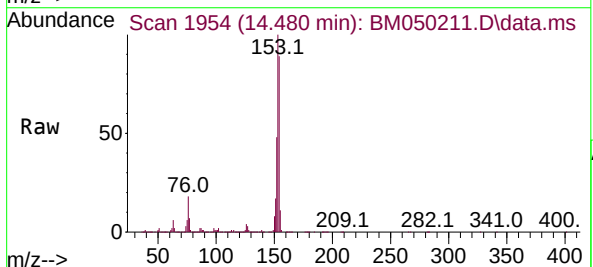
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

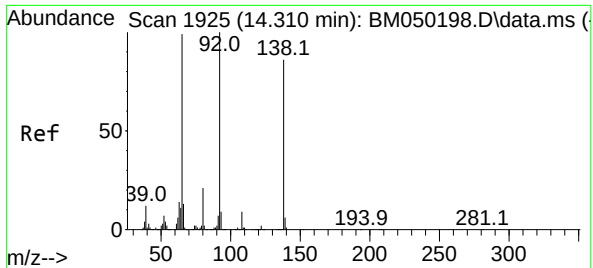
Tgt Ion:165 Resp: 471247
Ion Ratio Lower Upper
165 100
63 44.8 35.8 53.6
89 54.9 44.8 67.2



#52
Acenaphthene
Concen: 46.232 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:154 Resp: 2026567
Ion Ratio Lower Upper
154 100
153 112.6 88.7 133.1
152 53.5 42.6 63.8

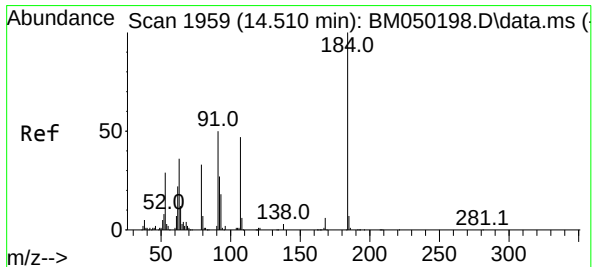
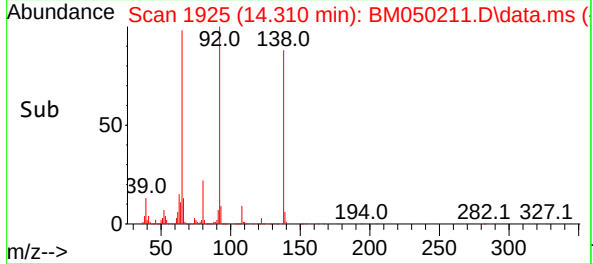
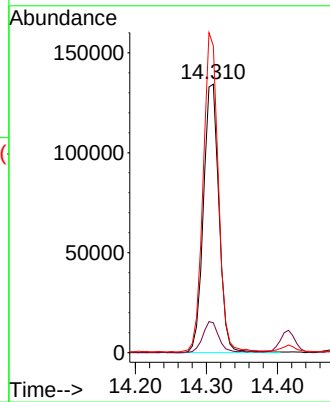
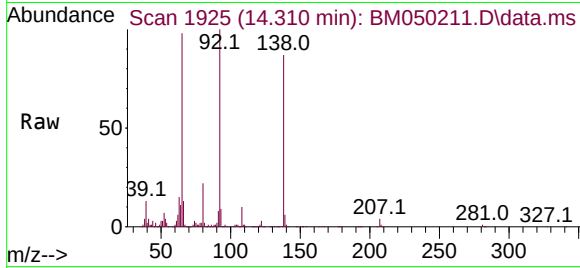




#53
3-Nitroaniline
Concen: 17.984 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

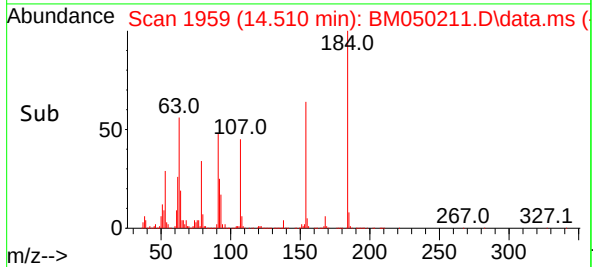
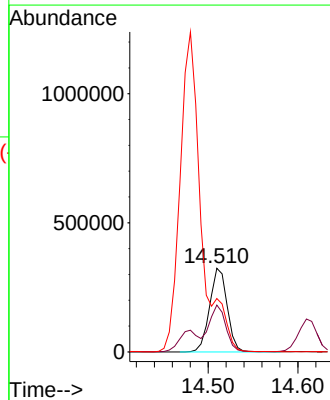
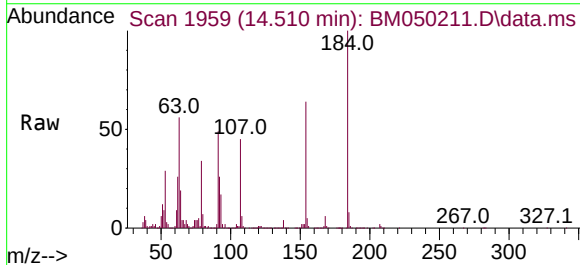
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

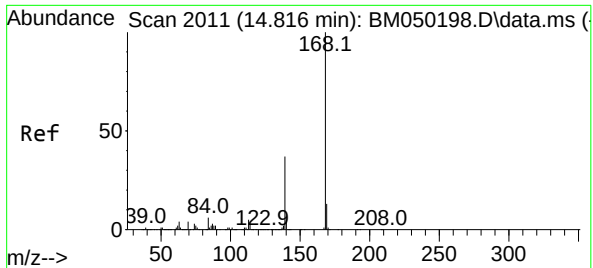
Tgt Ion:138 Resp: 203472
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 114.3 92.9 139.3



#54
2,4-Dinitrophenol
Concen: 73.179 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:184 Resp: 442324
Ion Ratio Lower Upper
184 100
63 56.0 45.3 67.9
154 63.8 54.3 81.5

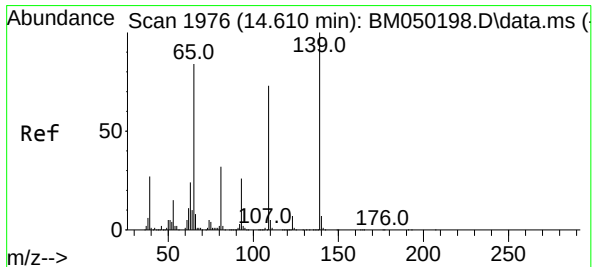
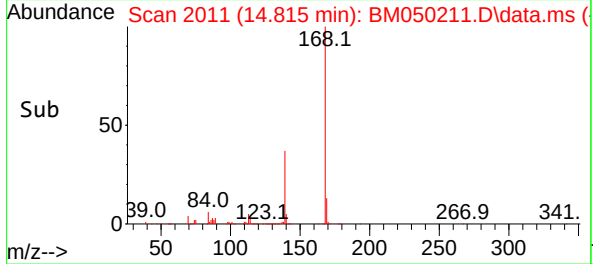
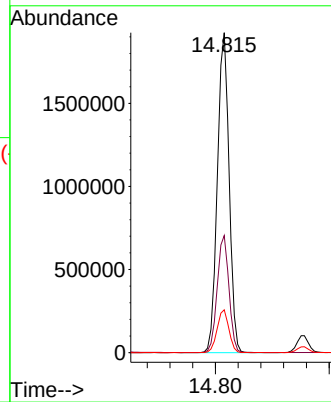
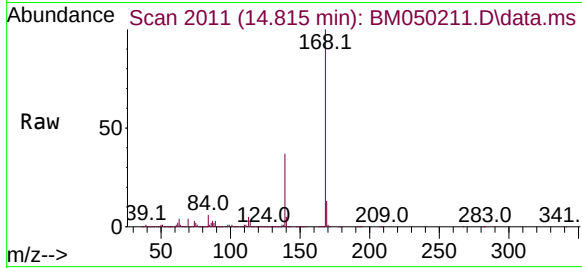




#55
Dibenzofuran
Concen: 42.856 ng
RT: 14.815 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

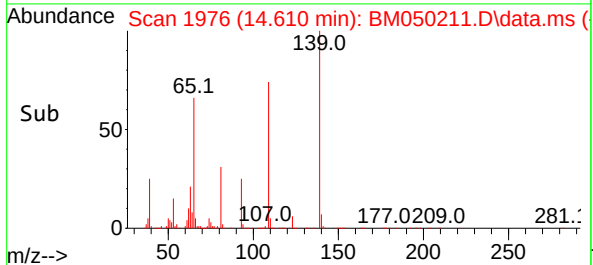
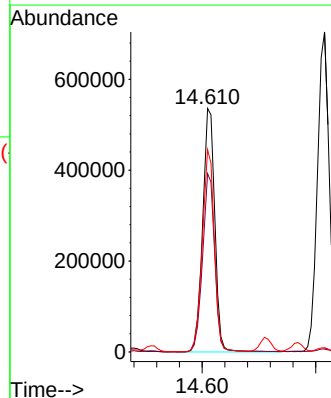
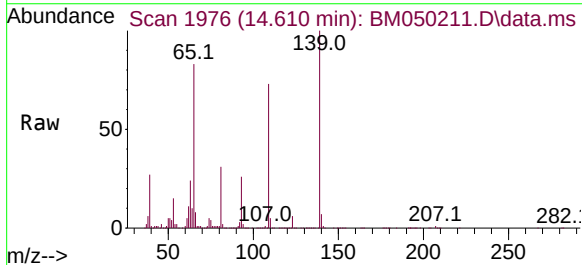
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

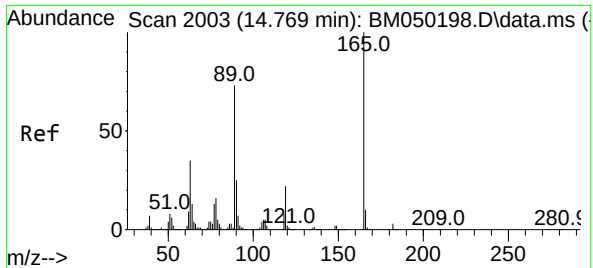
Tgt Ion:168 Resp: 2748348
Ion Ratio Lower Upper
168 100
139 36.6 29.9 44.9
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 82.024 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:139 Resp: 789854
Ion Ratio Lower Upper
139 100
109 73.3 52.6 92.6
65 83.0 64.3 104.3

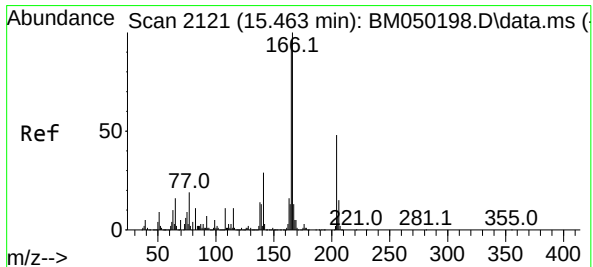
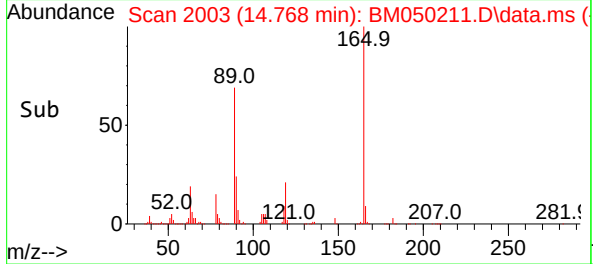
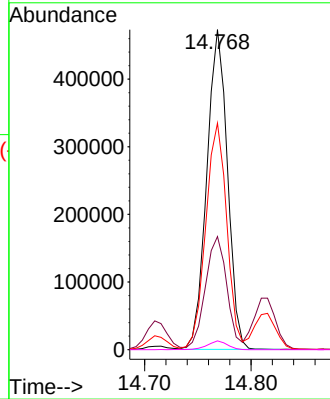
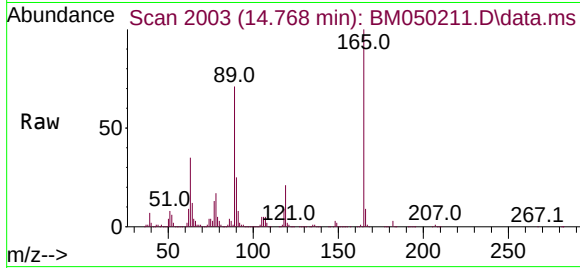




#57
2,4-Dinitrotoluene
Concen: 47.588 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

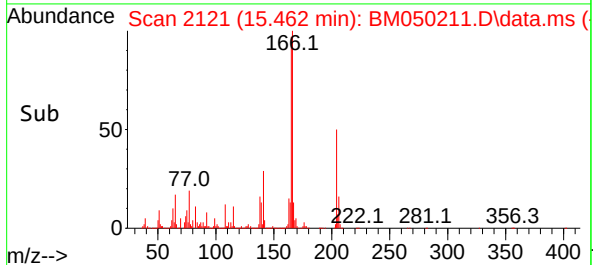
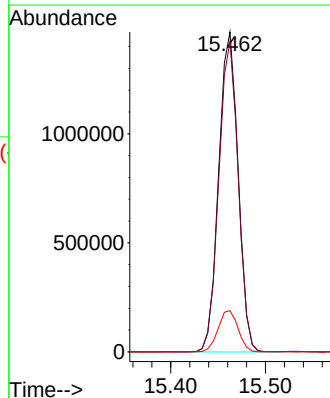
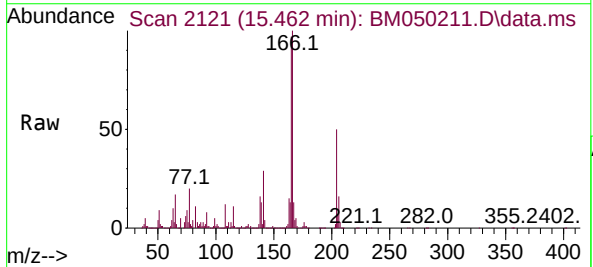
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

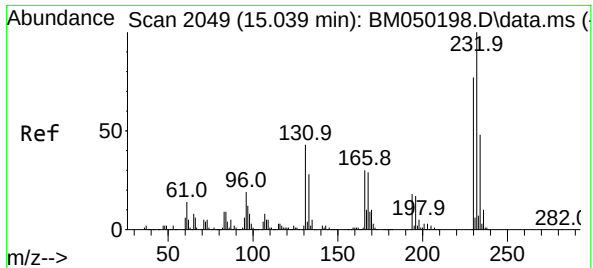
Tgt Ion:165 Resp: 637253
Ion Ratio Lower Upper
165 100
63 35.3 28.4 42.6
89 70.8 58.0 87.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.486 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:166 Resp: 2086832
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.4
167 12.9 10.7 16.1

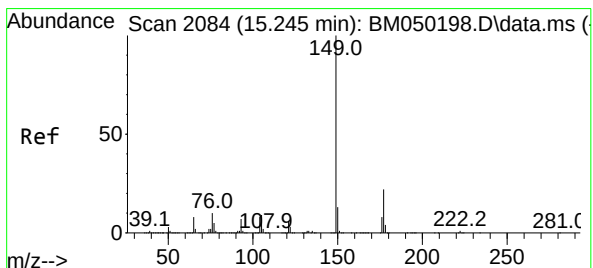
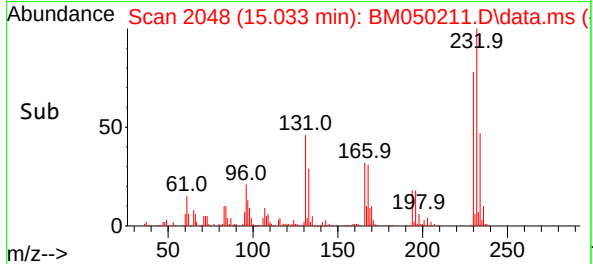
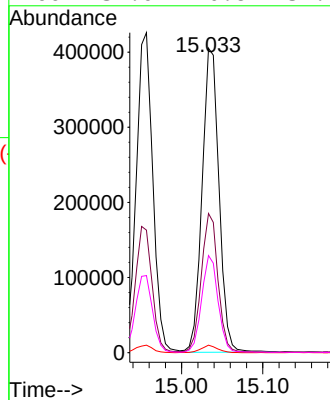
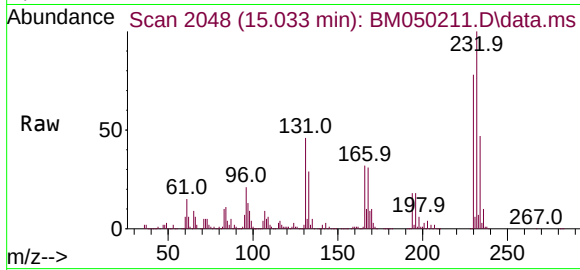




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.703 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

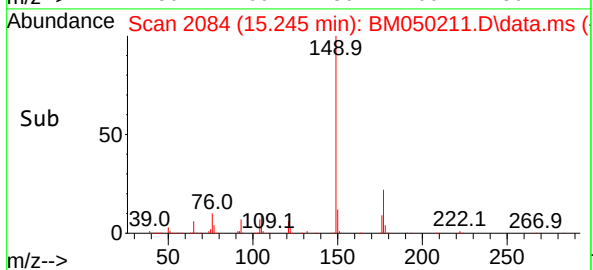
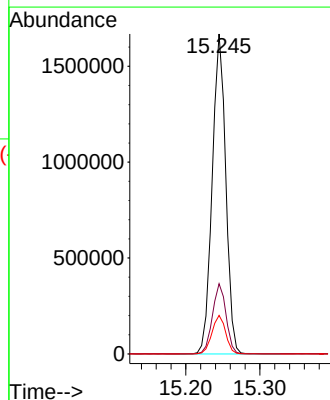
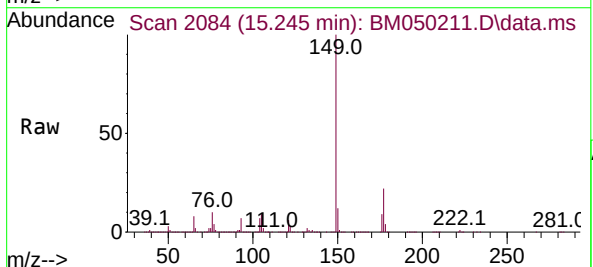
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

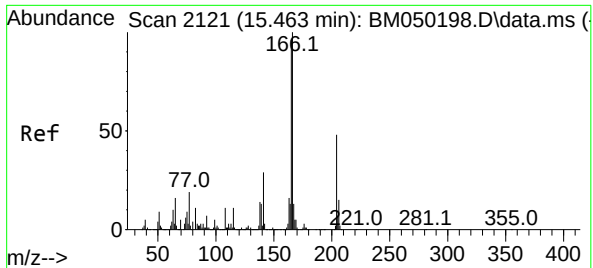
Tgt Ion:232 Resp: 586771
Ion Ratio Lower Upper
232 100
131 44.9 32.9 49.3
130 2.3 1.8 2.8
166 31.0 20.8 31.2



#60
Diethylphthalate
Concen: 42.409 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 2118106
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.0 10.0 15.0

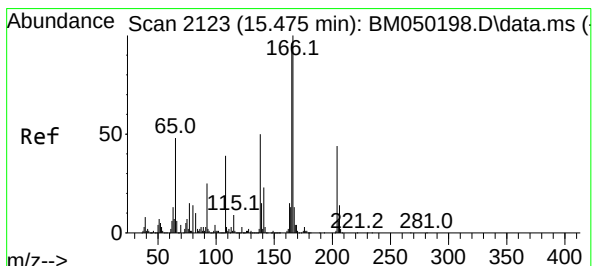
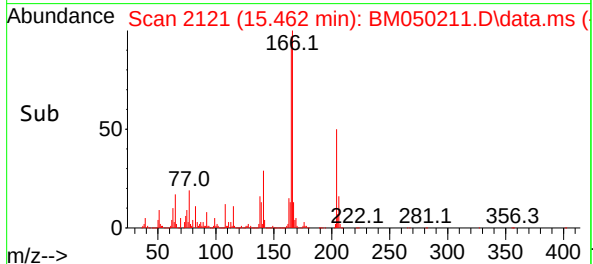
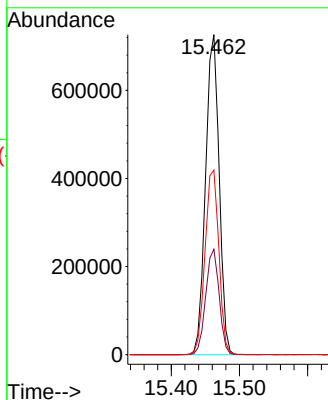
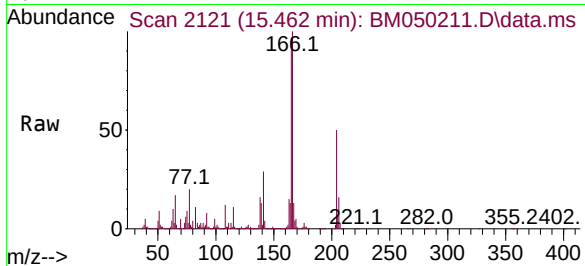




#61
4-Chlorophenyl-phenylether
Concen: 42.432 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

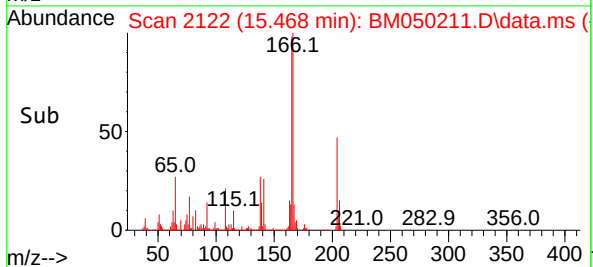
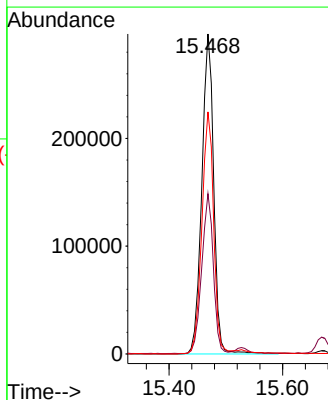
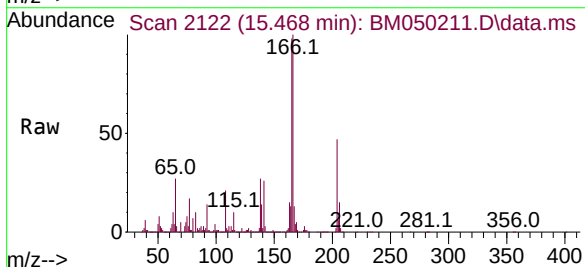
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

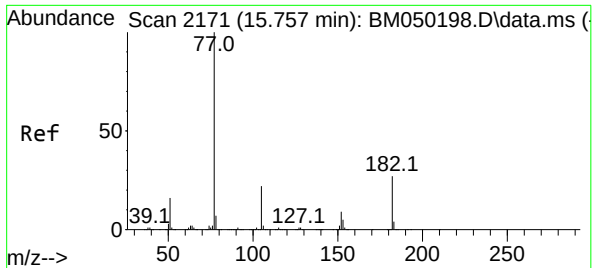
Tgt Ion:204 Resp: 1007290
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 57.7 47.9 71.9



#62
4-Nitroaniline
Concen: 40.732 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:138 Resp: 431923
Ion Ratio Lower Upper
138 100
92 50.1 28.8 68.8
108 75.7 58.1 98.1

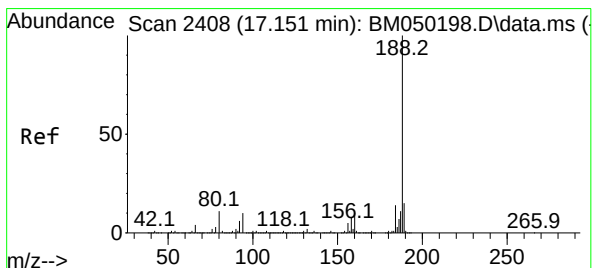
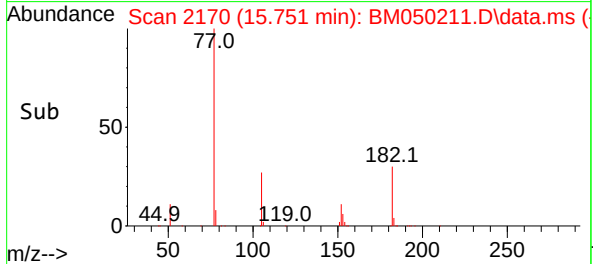
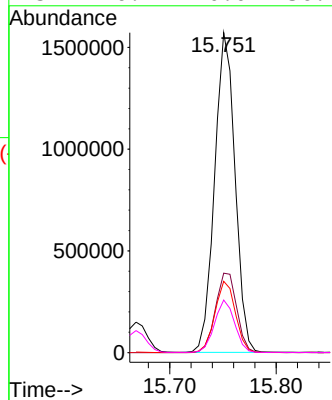
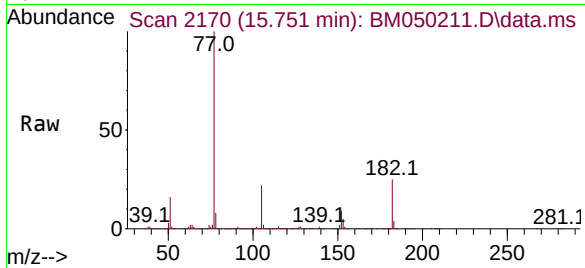




#63
Azobenzene
Concen: 41.991 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

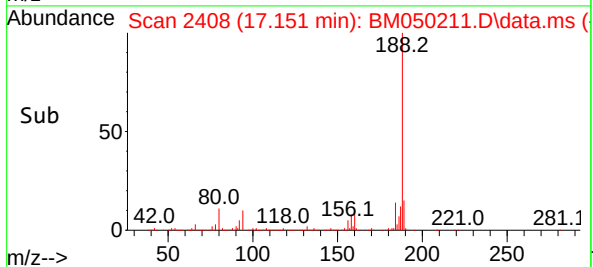
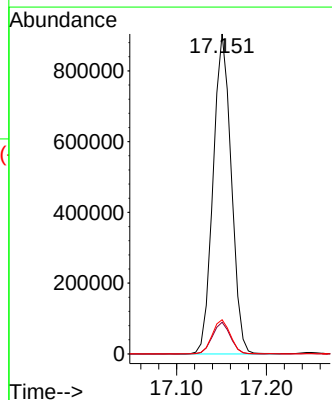
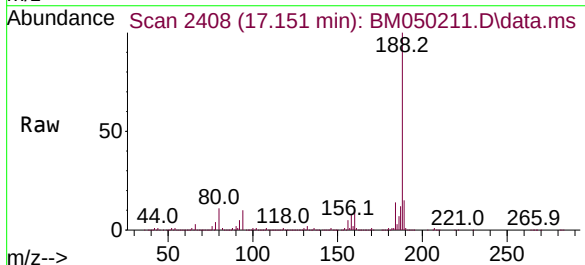
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

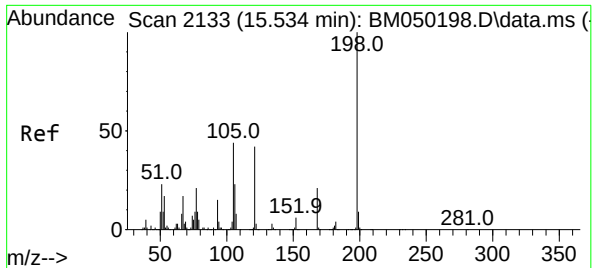
Tgt Ion: 77 Resp: 2096222
Ion Ratio Lower Upper
77 100
182 24.8 6.8 46.8
105 22.3 1.7 41.7
51 16.4 0.0 36.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion: 188 Resp: 1278962
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.7 8.6 13.0

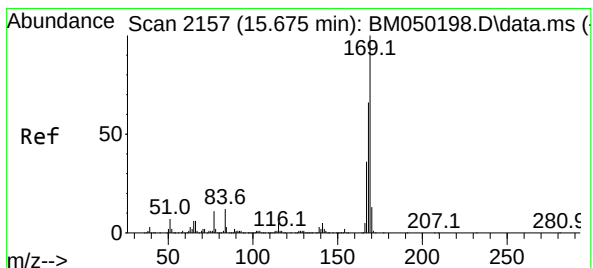
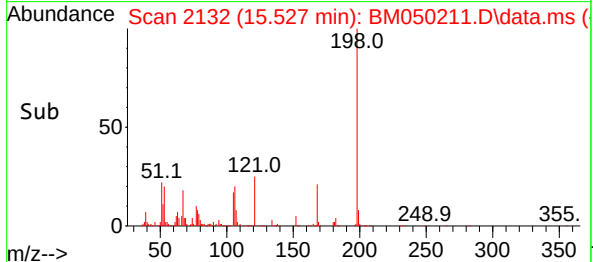
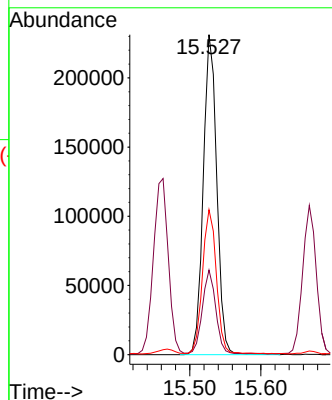
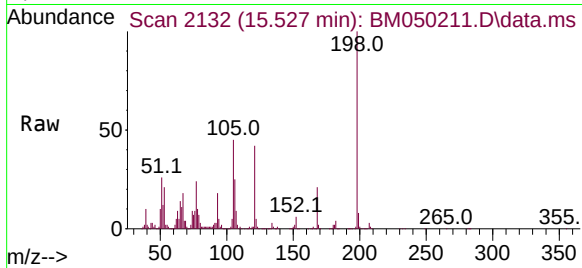




#65
4,6-Dinitro-2-methylphenol
Concen: 43.451 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

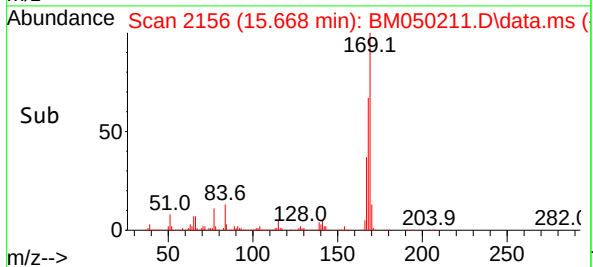
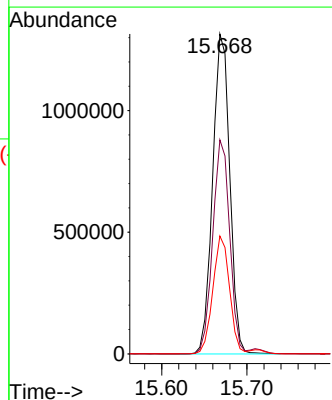
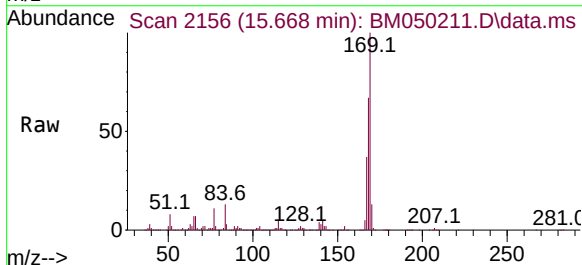
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

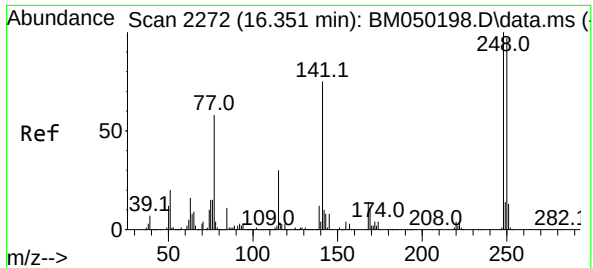
Tgt Ion	Ratio	Lower	Upper
198	100		
51	26.4	4.5	44.5
105	45.3	24.9	64.9



#66
n-Nitrosodiphenylamine
Concen: 45.629 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.1	79.7
167	36.8	29.0	43.6

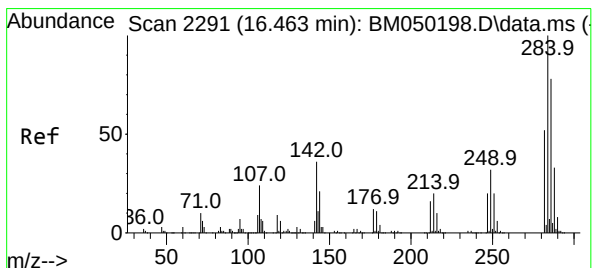
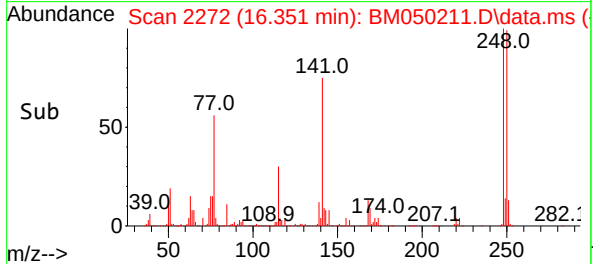
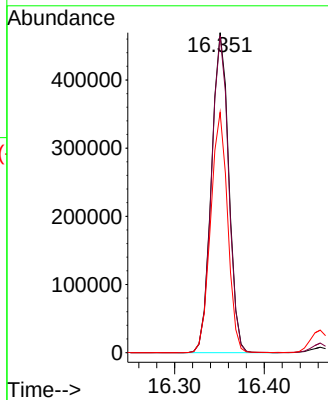
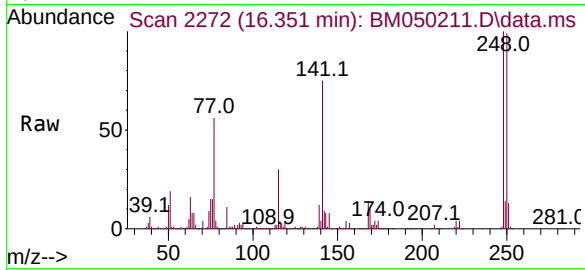




#67
4-Bromophenyl-phenylether
Concen: 46.273 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

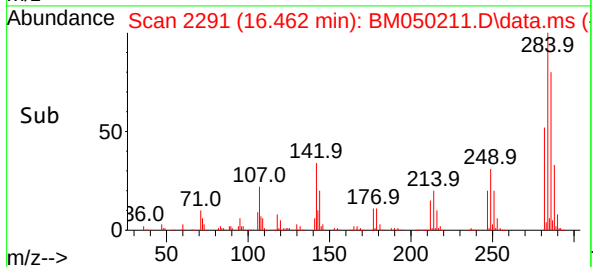
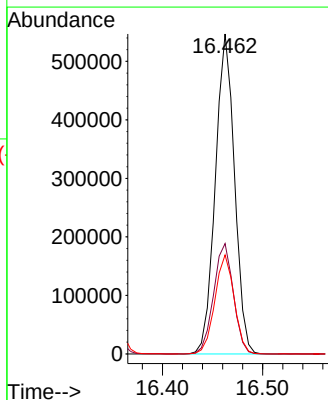
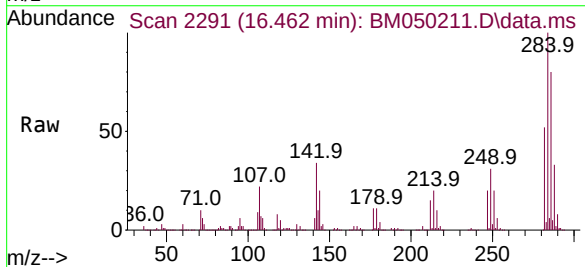
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

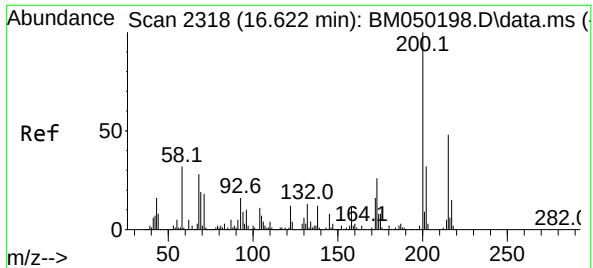
Tgt Ion:248 Resp: 631109
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 75.1 60.1 90.1



#68
Hexachlorobenzene
Concen: 45.681 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:284 Resp: 727918
Ion Ratio Lower Upper
284 100
142 34.5 28.8 43.2
249 30.9 25.8 38.6

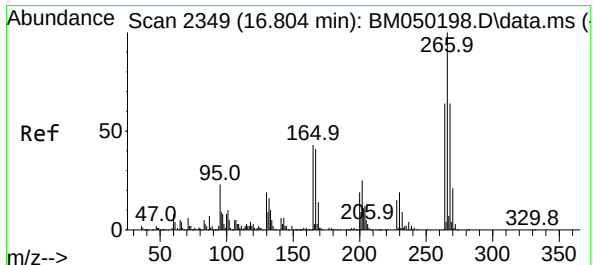
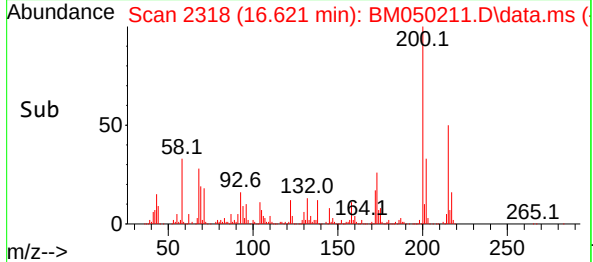
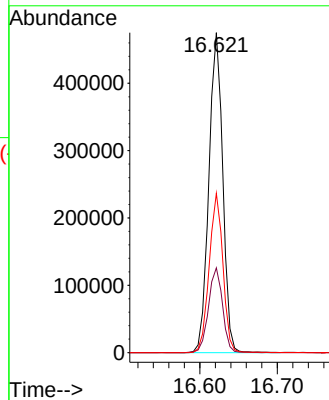
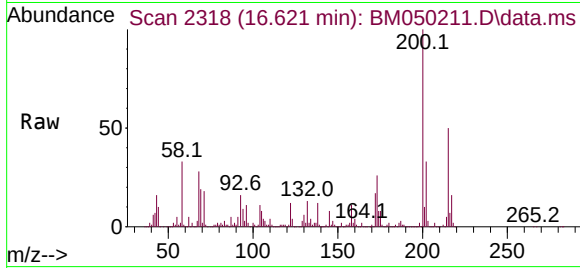




#69
Atrazine
Concen: 46.090 ng
RT: 16.621 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

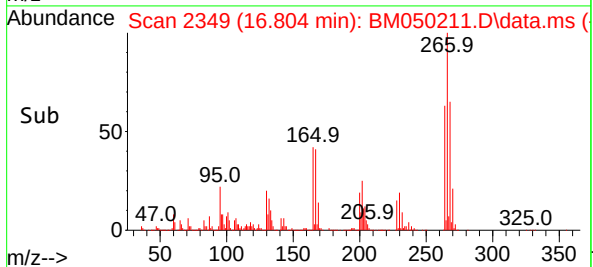
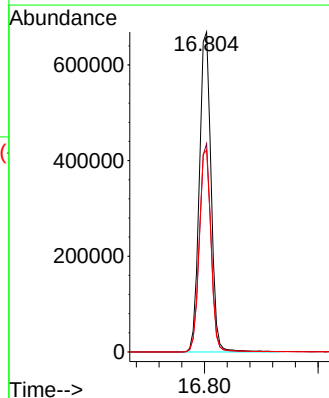
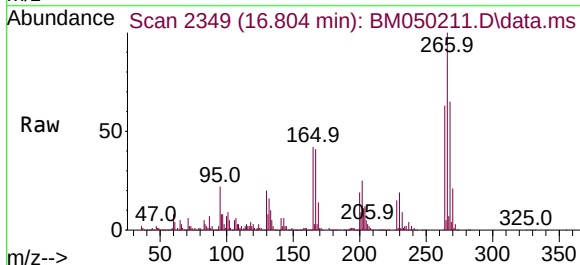
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

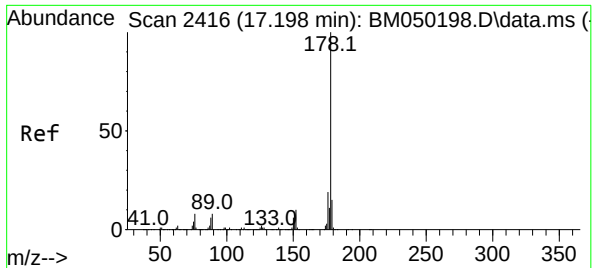
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.0	46.0
215	49.8	28.1	68.1



#70
Pentachlorophenol
Concen: 92.052 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.6
264	63.1	50.8	76.2

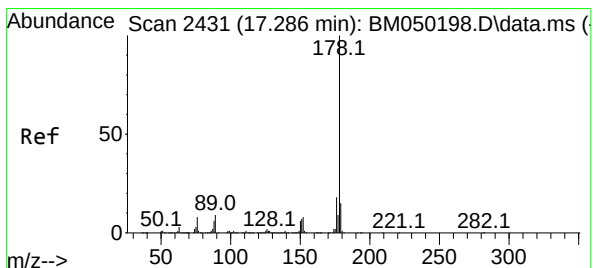
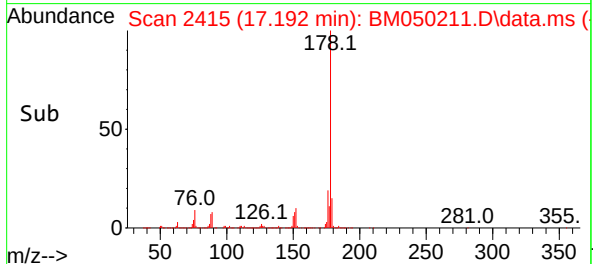
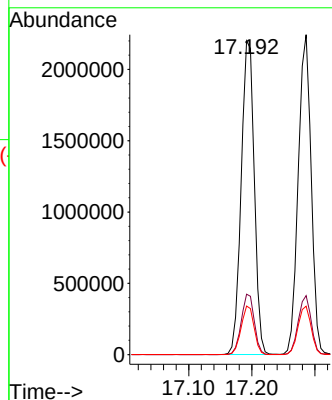
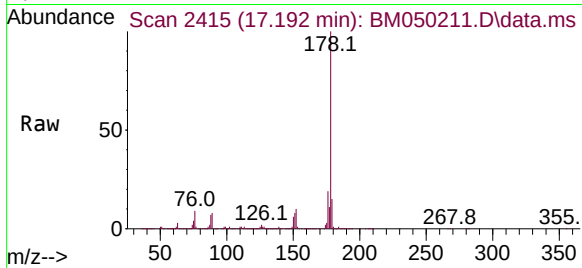




#71
Phenanthrene
Concen: 43.304 ng
RT: 17.192 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

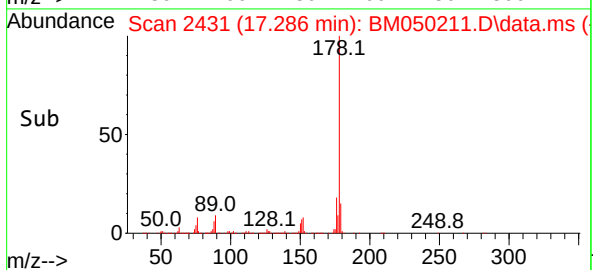
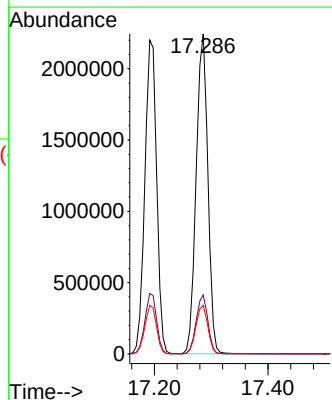
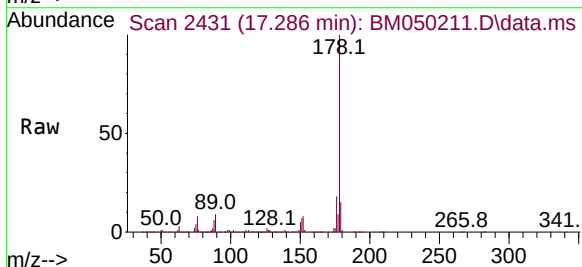
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

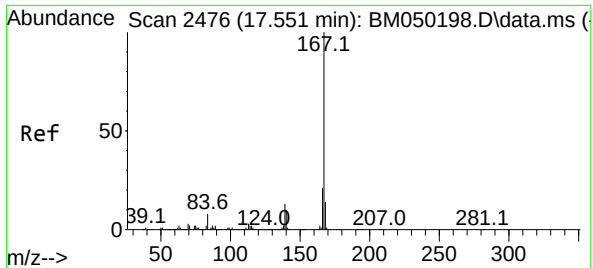
Tgt Ion:178 Resp: 3163946
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.3 18.5



#72
Anthracene
Concen: 43.685 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:178 Resp: 3193033
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.1 12.3 18.5

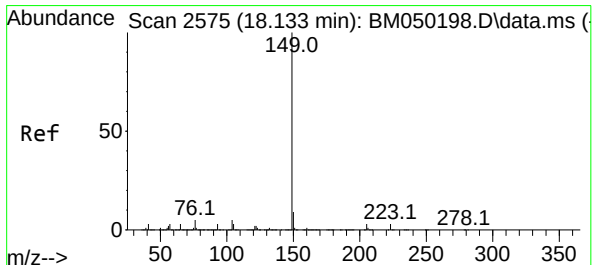
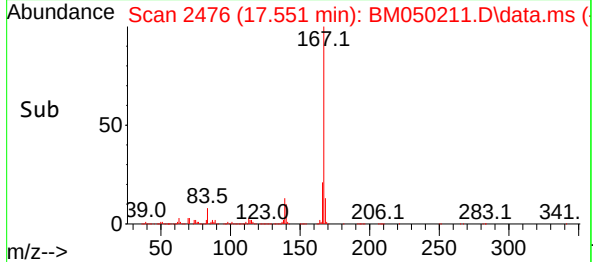
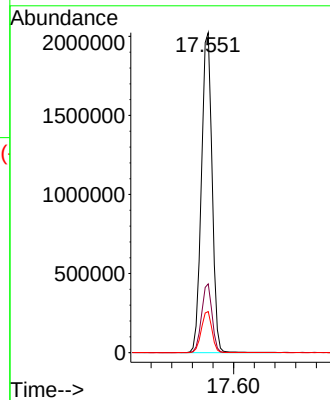
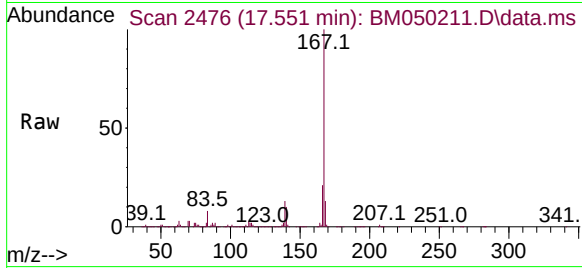




#73
Carbazole
Concen: 43.408 ng
RT: 17.551 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

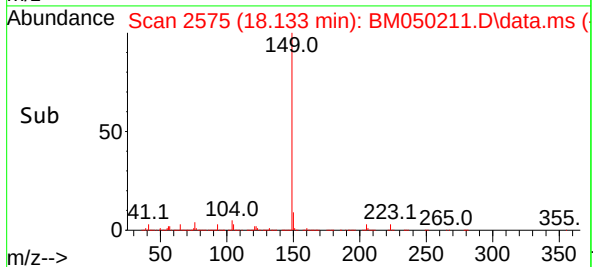
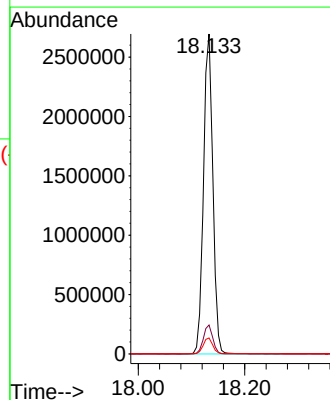
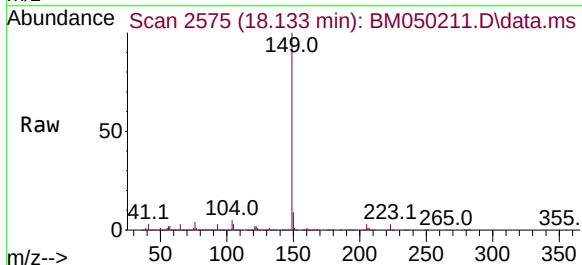
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

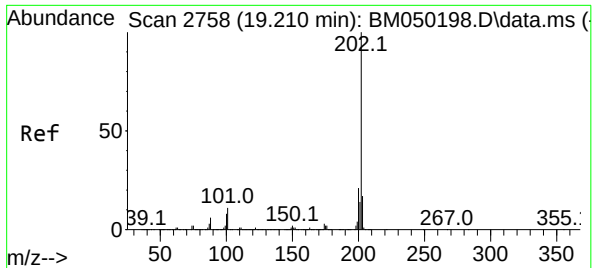
Tgt Ion:167 Resp: 2890483
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 45.042 ng
RT: 18.133 min Scan# 2575
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 3263385
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.0 4.0 6.0

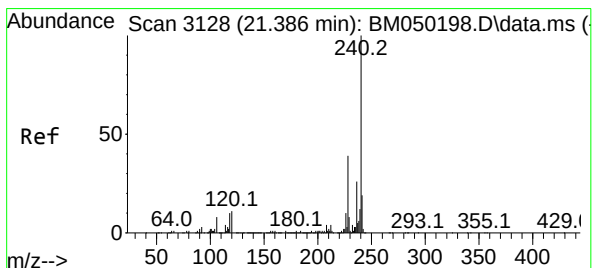
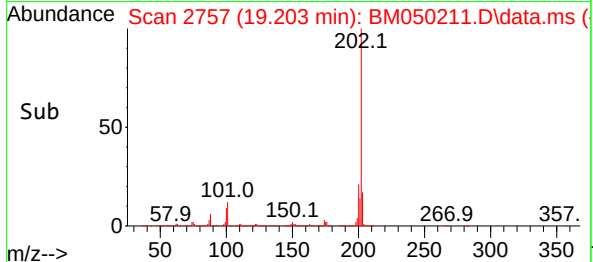
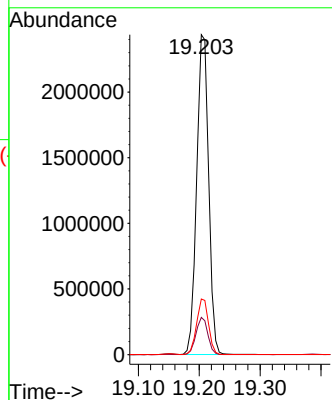
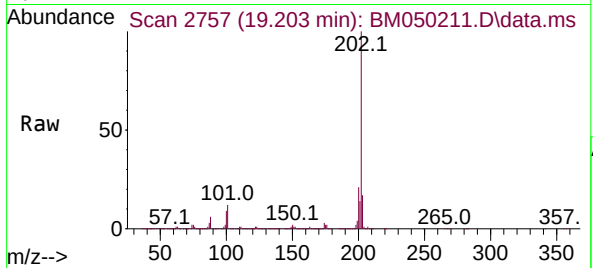




#75
Fluoranthene
Concen: 43.096 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

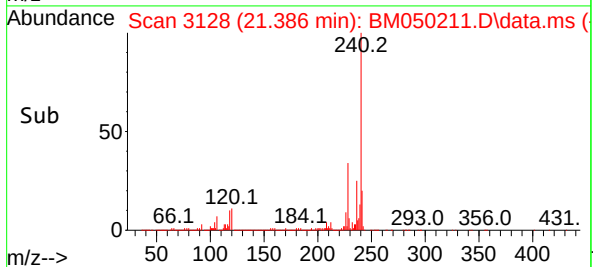
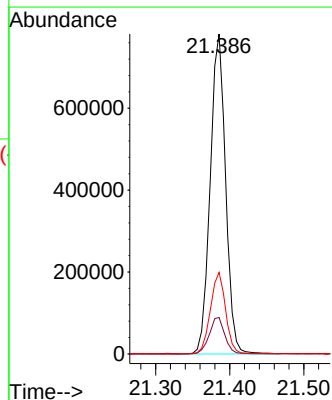
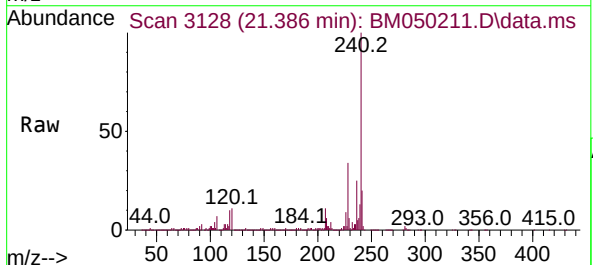
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

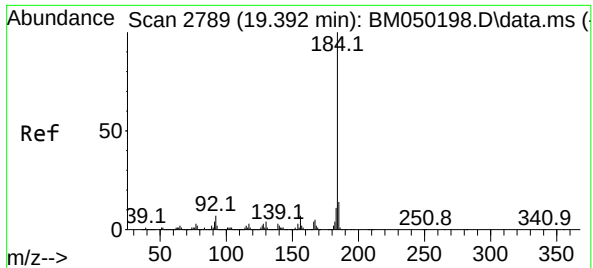
Tgt Ion:202 Resp: 3320524
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 17.4 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:240 Resp: 1127474
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.5 20.7 31.1

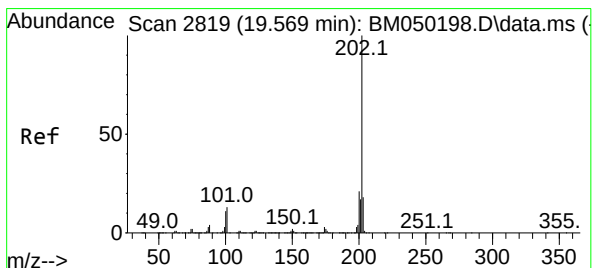
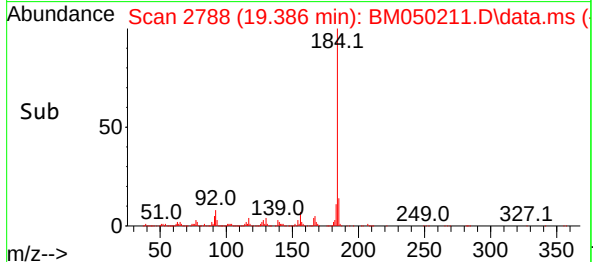
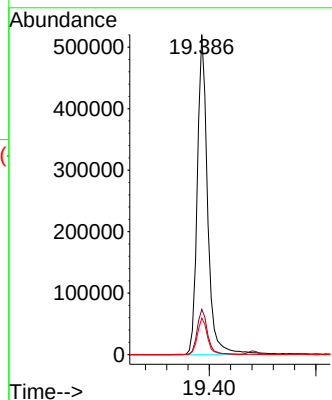
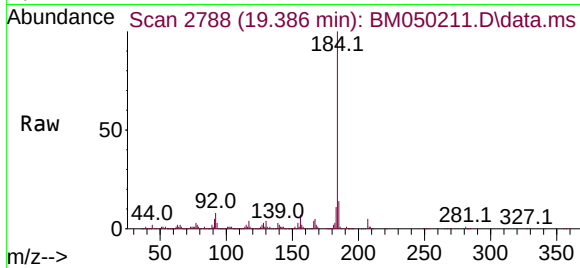




#77
Benzidine
Concen: 22.118 ng
RT: 19.386 min Scan# 2788
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

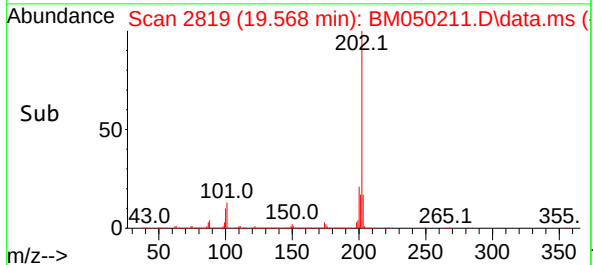
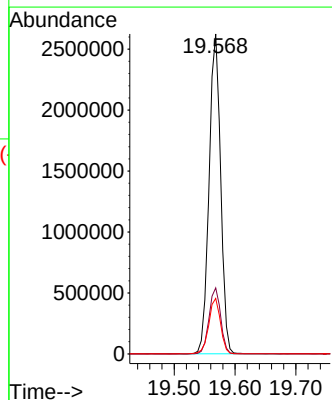
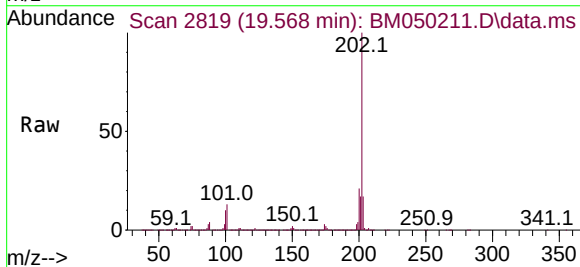
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

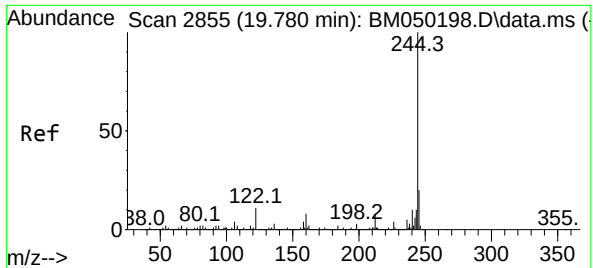
Tgt Ion:184 Resp: 701246
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.0 13.4



#78
Pyrene
Concen: 45.454 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:202 Resp: 3454160
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 14.1 21.1

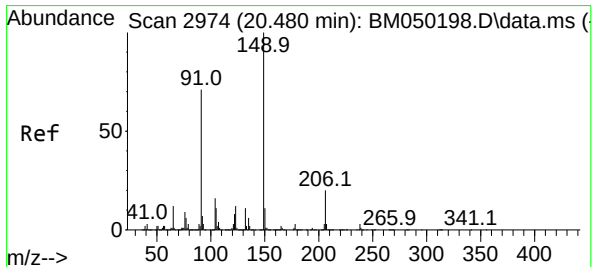
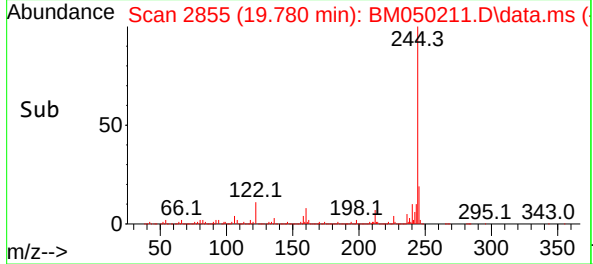
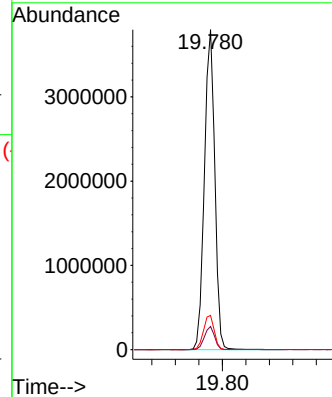
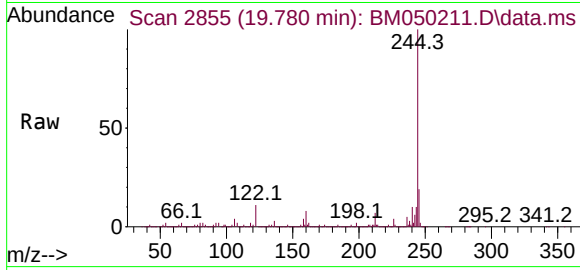




#79
Terphenyl-d14
Concen: 78.021 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

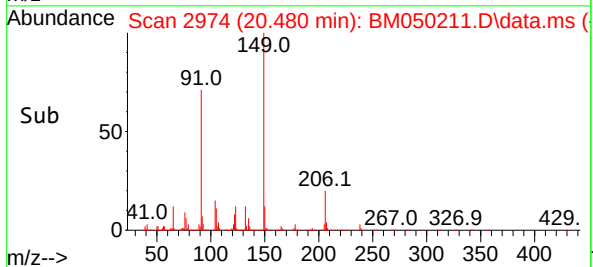
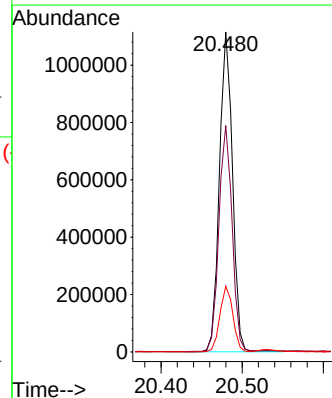
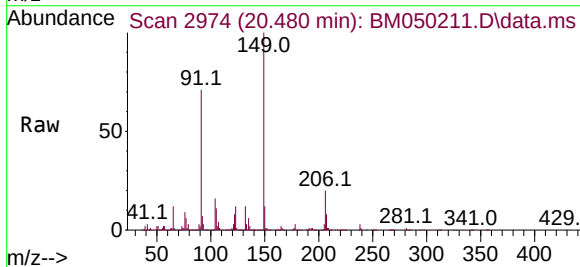
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

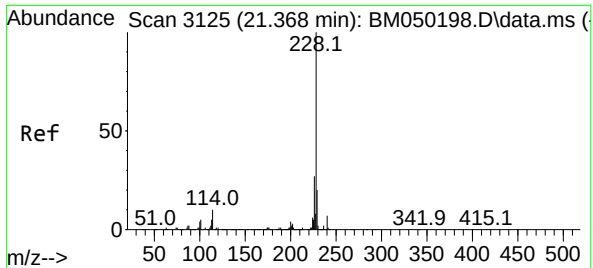
Tgt Ion:244 Resp: 4641959
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.7 8.6 12.8



#80
Butylbenzylphthalate
Concen: 49.140 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 1245626
Ion Ratio Lower Upper
149 100
91 70.7 56.9 85.3
206 20.5 16.1 24.1

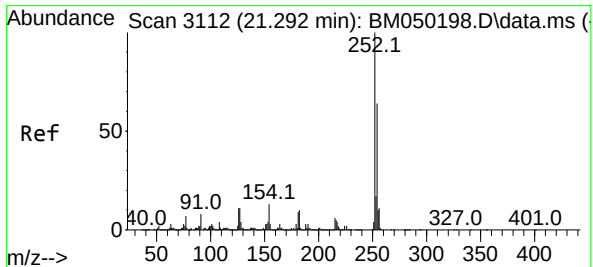
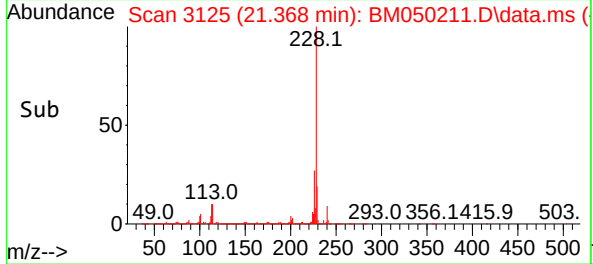
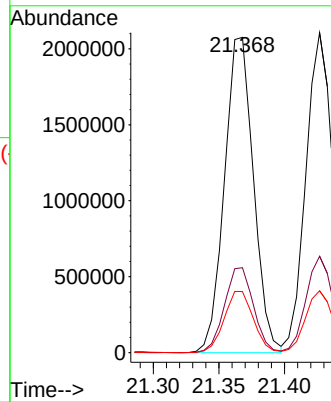
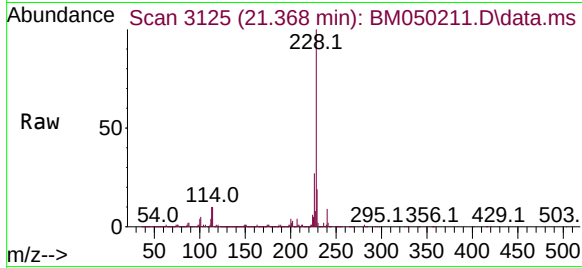




#81
Benzo(a)anthracene
Concen: 44.831 ng
RT: 21.368 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

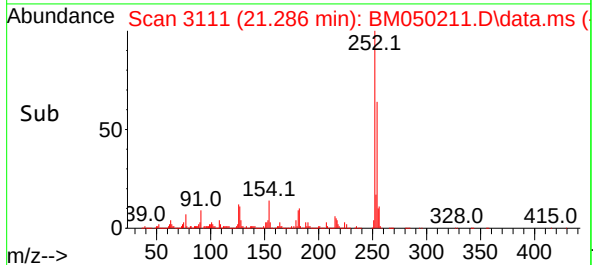
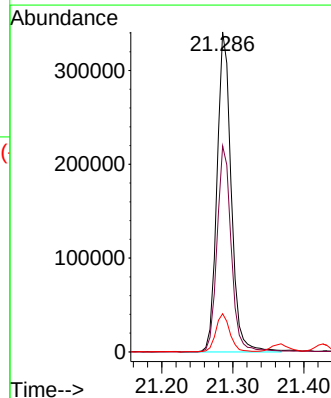
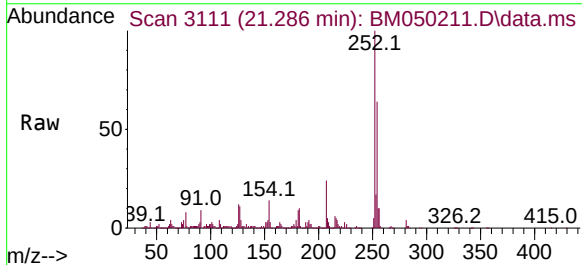
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

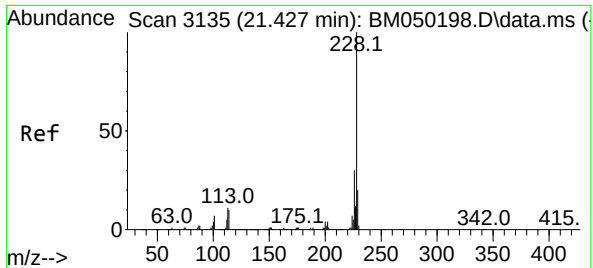
Tgt Ion:228 Resp: 3199318
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 21.788 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:252 Resp: 474153
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 11.9 8.6 12.8

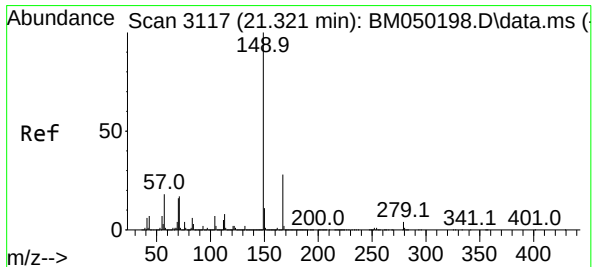
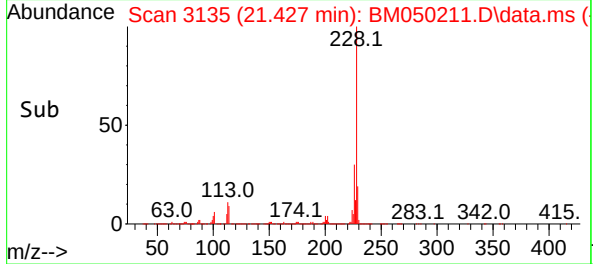
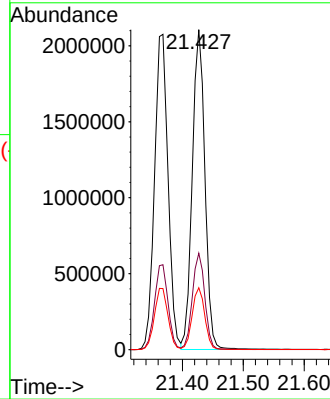
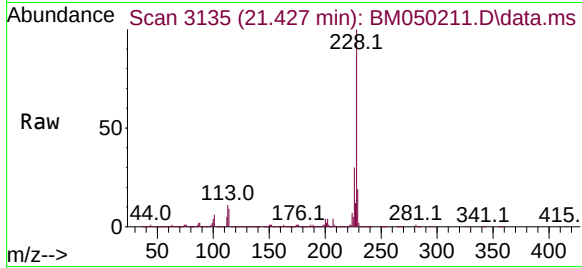




#83
Chrysene
Concen: 44.686 ng
RT: 21.427 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

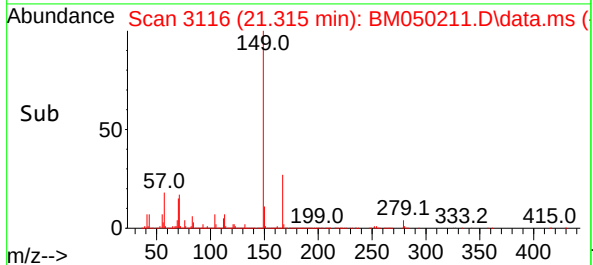
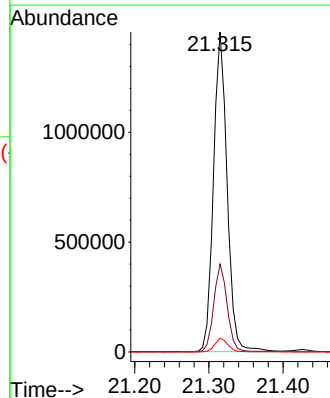
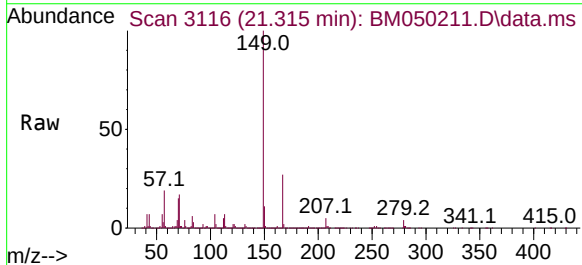
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

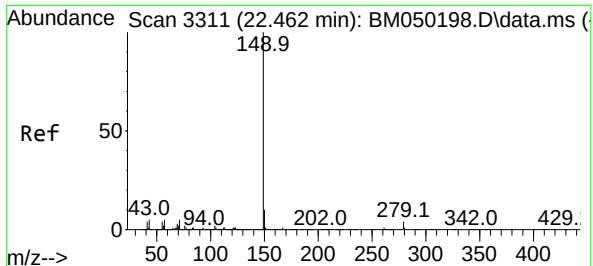
Tgt Ion:228 Resp: 3033462
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 19.3 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.853 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:149 Resp: 1868435
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.3 3.5 5.3

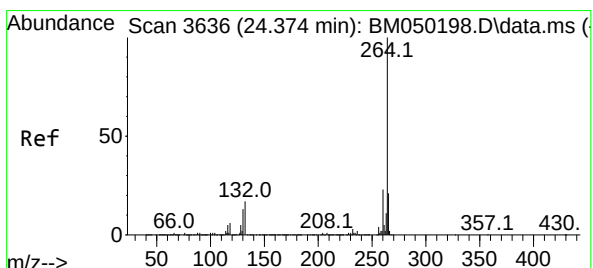
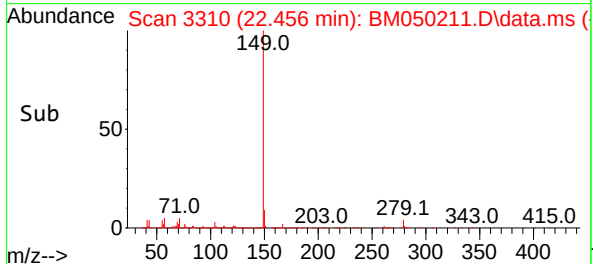
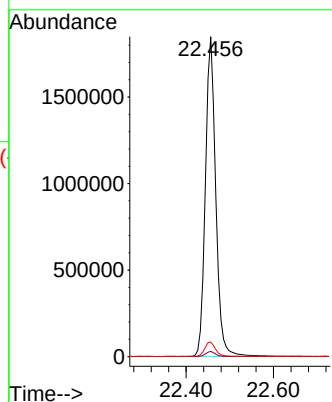
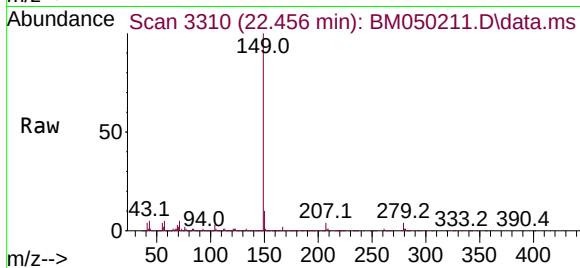




#85
Di-n-octyl phthalate
Concen: 51.964 ng
RT: 22.456 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

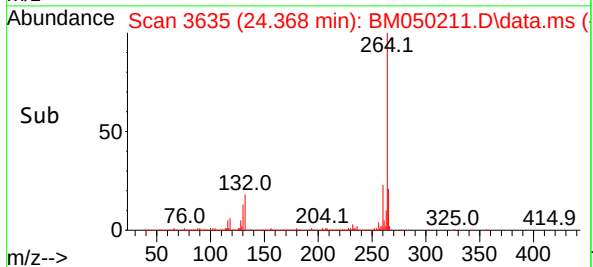
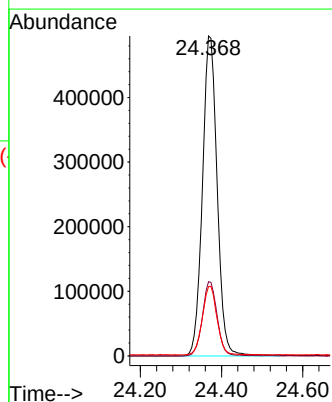
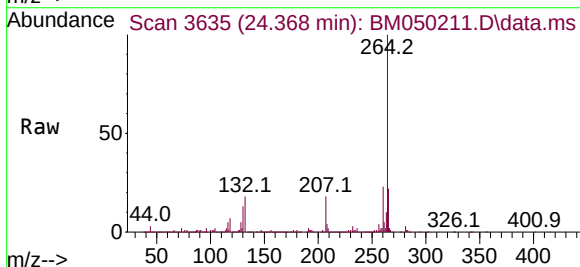
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

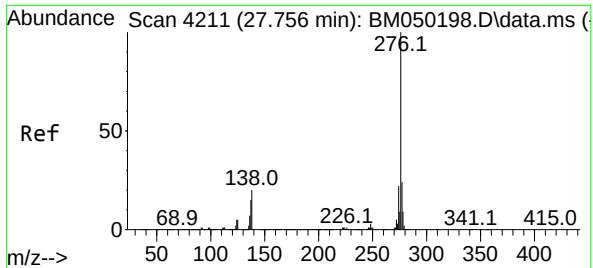
Tgt Ion:149 Resp: 3010702
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.8 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:264 Resp: 1245310
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.6 16.8 25.2

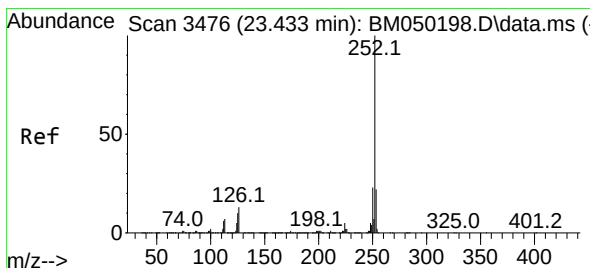
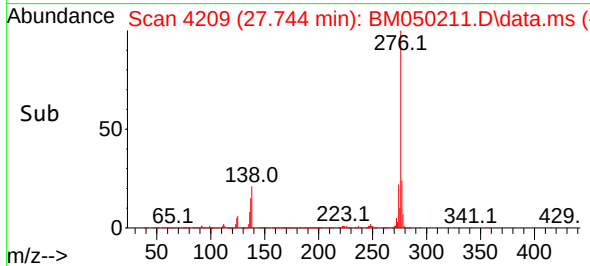
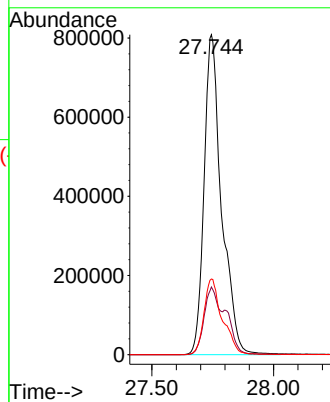
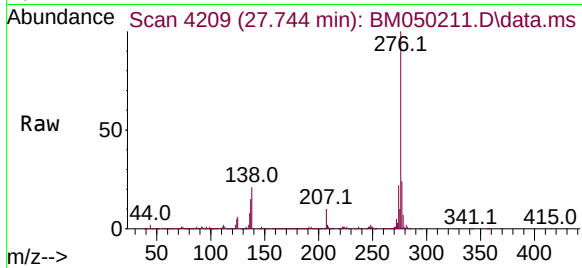




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.443 ng
RT: 27.744 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

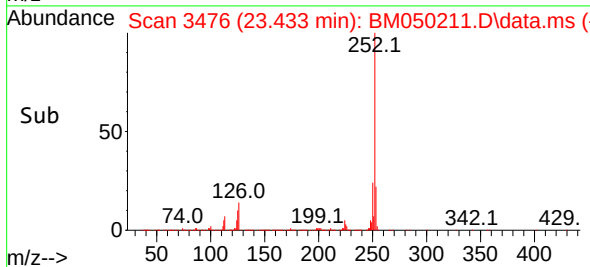
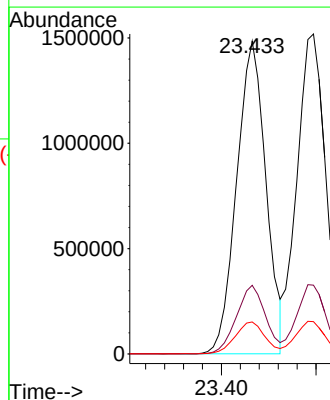
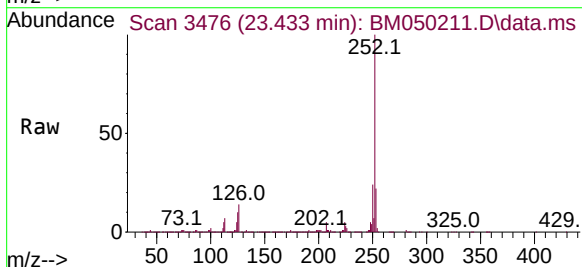
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

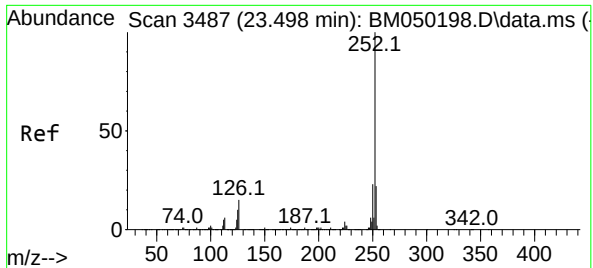
Tgt Ion:276 Resp: 4044672
Ion Ratio Lower Upper
276 100
138 18.5 20.6 30.8#
277 24.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.018 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:252 Resp: 3187024
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 43.944 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

Instrument :

BNA_M

ClientSampleId :

B-187-SB01MSD

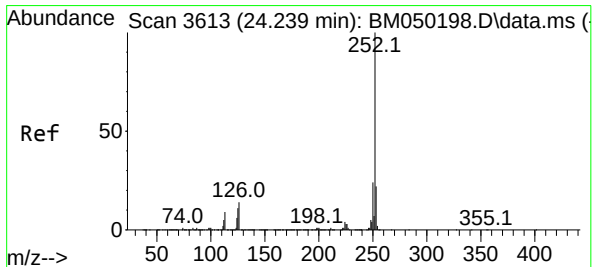
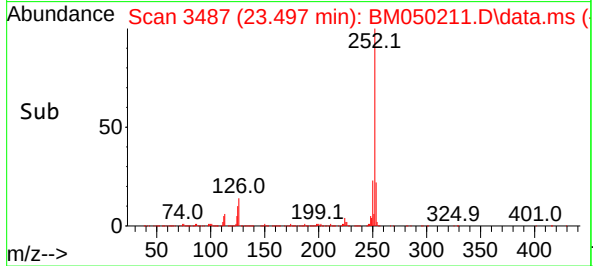
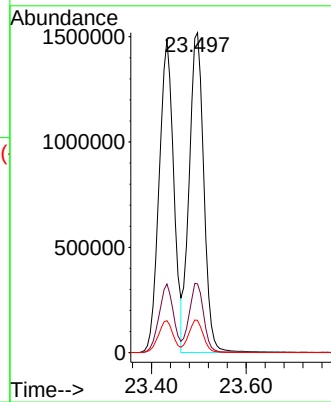
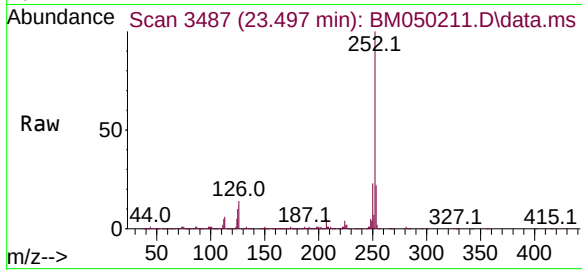
Tgt Ion:252 Resp: 3248023

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 45.728 ng

RT: 24.232 min Scan# 3612

Delta R.T. -0.006 min

Lab File: BM050211.D

Acq: 06 Jun 2025 12:46

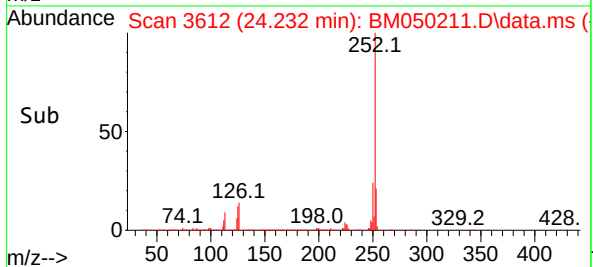
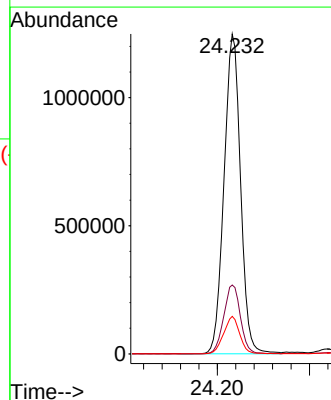
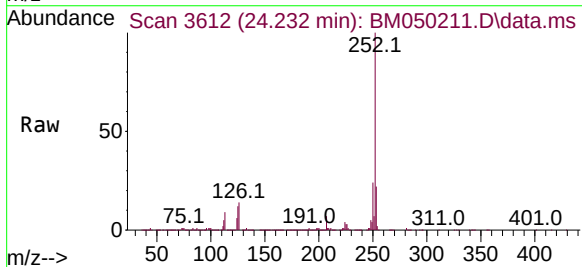
Tgt Ion:252 Resp: 3112925

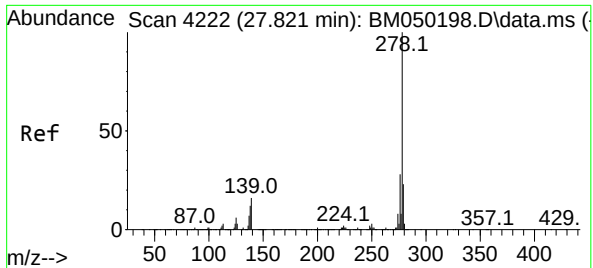
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.7 9.0 13.4

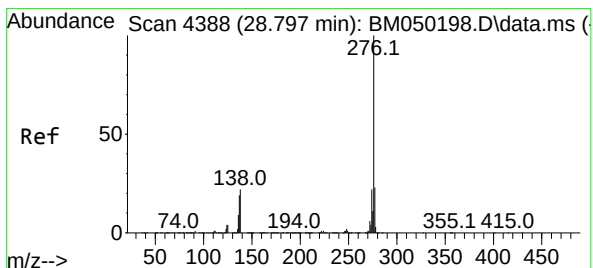
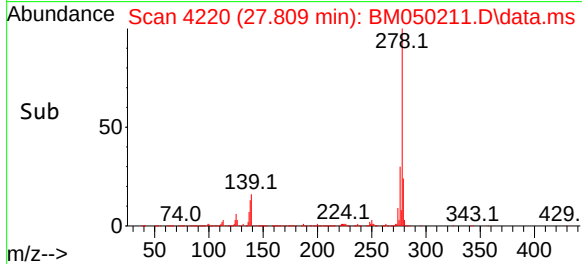
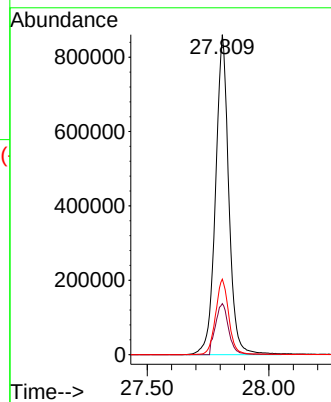
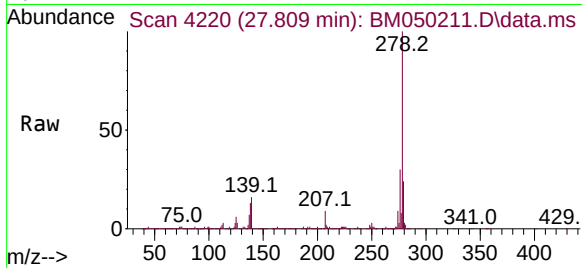




#91
Dibenzo(a,h)anthracene
Concen: 50.009 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

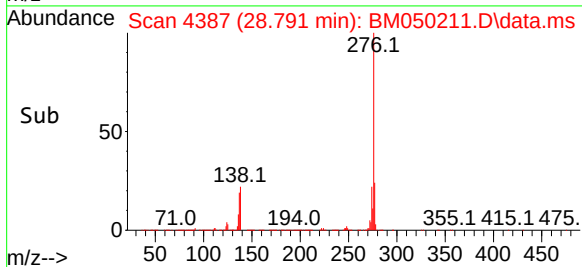
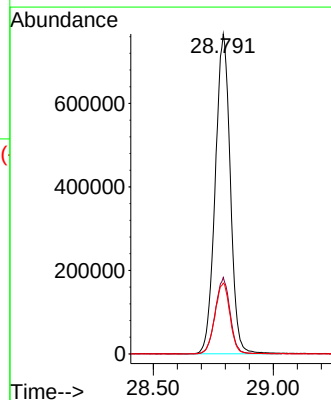
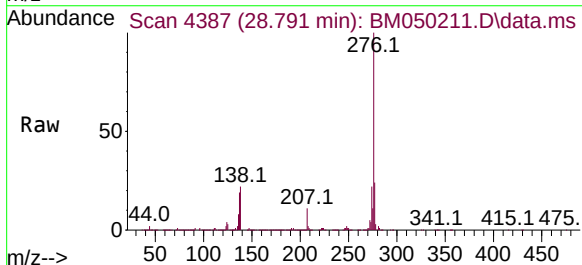
Instrument :
BNA_M
ClientSampleId :
B-187-SB01MSD

Tgt Ion:278 Resp: 3254856
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 51.082 ng
RT: 28.791 min Scan# 4387
Delta R.T. -0.024 min
Lab File: BM050211.D
Acq: 06 Jun 2025 12:46

Tgt Ion:276 Resp: 3327556
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 22.1 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:	BM060625	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050206.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:50:24 AM	Jagrut	6/9/2025 12:05:51 PM	Peak Integrated by Software
PB168269BS	BM050208.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:50:30 AM	Jagrut	6/9/2025 12:05:54 PM	Peak Integrated by Software
Q2177-03MS	BM050210.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:50:33 AM	Jagrut	6/9/2025 12:05:56 PM	Peak Integrated by Software
SSTDCCC040	BM050223.D	2,3,4,6-Tetrachlorophen ol	Rahul	6/9/2025 10:50:43 AM	Jagrut	6/9/2025 12:06:05 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 # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM
SubDirectory	BM060625	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	BM050205.D	06 Jun 2025 08:50	RC/JU	Ok
2	SSTDCCC040	BM050206.D	06 Jun 2025 09:29	RC/JU	Ok,M
3	PB168269BL	BM050207.D	06 Jun 2025 10:08	RC/JU	Ok
4	PB168269BS	BM050208.D	06 Jun 2025 10:47	RC/JU	Ok,M
5	Q2177-03	BM050209.D	06 Jun 2025 11:27	RC/JU	Ok
6	Q2177-03MS	BM050210.D	06 Jun 2025 12:06	RC/JU	Ok,M
7	Q2177-03MSD	BM050211.D	06 Jun 2025 12:46	RC/JU	Ok
8	Q2194-02	BM050212.D	06 Jun 2025 13:26	RC/JU	Ok
9	Q2194-02MS	BM050213.D	06 Jun 2025 14:06	RC/JU	Ok
10	Q2194-02MSD	BM050214.D	06 Jun 2025 14:46	RC/JU	Ok
11	Q2194-04	BM050215.D	06 Jun 2025 15:26	RC/JU	Ok,M
12	Q2207-09	BM050216.D	06 Jun 2025 16:06	RC/JU	Ok,M
13	Q2207-18	BM050217.D	06 Jun 2025 16:45	RC/JU	Ok,M
14	Q2207-27	BM050218.D	06 Jun 2025 17:25	RC/JU	Ok
15	Q2207-36	BM050219.D	06 Jun 2025 18:05	RC/JU	Ok
16	Q2207-45	BM050220.D	06 Jun 2025 18:45	RC/JU	Ok
17	Q2208-09	BM050221.D	06 Jun 2025 19:24	RC/JU	Ok
18	DFTPP	BM050222.D	06 Jun 2025 20:43	RC/JU	Ok
19	SSTDCCC040	BM050223.D	06 Jun 2025 21:23	RC/JU	Ok,M
20	PB168314BL	BM050224.D	06 Jun 2025 22:03	RC/JU	Ok
21	PB168314BS	BM050225.D	06 Jun 2025 22:42	RC/JU	Ok,M

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM
SubDirectory	BM060625	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			

22	PB168271TB	BM050226.D	06 Jun 2025 23:22	RC/JU	Ok
23	Q2208-27	BM050227.D	07 Jun 2025 00:02	RC/JU	Ok
24	Q2208-36	BM050228.D	07 Jun 2025 00:41	RC/JU	Ok
25	Q2198-02	BM050229.D	07 Jun 2025 01:21	RC/JU	Ok
26	Q2198-04	BM050230.D	07 Jun 2025 02:01	RC/JU	Ok
27	Q2206-04	BM050231.D	07 Jun 2025 02:41	RC/JU	Ok
28	Q2177-05	BM050232.D	07 Jun 2025 03:20	RC/JU	Ok
29	Q2177-07	BM050233.D	07 Jun 2025 04:00	RC/JU	Ok
30	Q2208-18	BM050234.D	07 Jun 2025 04:39	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 # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM		
SubDirectory	BM060625	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	BM050205.D	06 Jun 2025 08:50		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050206.D	06 Jun 2025 09:29		RC/JU	Ok,M
3	PB168269BL	PB168269BL	BM050207.D	06 Jun 2025 10:08		RC/JU	Ok
4	PB168269BS	PB168269BS	BM050208.D	06 Jun 2025 10:47		RC/JU	Ok,M
5	Q2177-03	B-187-SB01	BM050209.D	06 Jun 2025 11:27		RC/JU	Ok
6	Q2177-03MS	B-187-SB01MS	BM050210.D	06 Jun 2025 12:06		RC/JU	Ok,M
7	Q2177-03MSD	B-187-SB01MSD	BM050211.D	06 Jun 2025 12:46		RC/JU	Ok
8	Q2194-02	COMP-12	BM050212.D	06 Jun 2025 13:26		RC/JU	Ok
9	Q2194-02MS	COMP-12MS	BM050213.D	06 Jun 2025 14:06		RC/JU	Ok
10	Q2194-02MSD	COMP-12MSD	BM050214.D	06 Jun 2025 14:46		RC/JU	Ok
11	Q2194-04	COMP-13	BM050215.D	06 Jun 2025 15:26		RC/JU	Ok,M
12	Q2207-09	BU-703-COMP-01	BM050216.D	06 Jun 2025 16:06		RC/JU	Ok,M
13	Q2207-18	BU-703-COMP-02	BM050217.D	06 Jun 2025 16:45		RC/JU	Ok,M
14	Q2207-27	BU-703-COMP-03	BM050218.D	06 Jun 2025 17:25		RC/JU	Ok
15	Q2207-36	BU-703-COMP-04	BM050219.D	06 Jun 2025 18:05		RC/JU	Ok
16	Q2207-45	BU-703-COMP-05	BM050220.D	06 Jun 2025 18:45		RC/JU	Ok
17	Q2208-09	BU-703-COMP-06	BM050221.D	06 Jun 2025 19:24		RC/JU	Ok
18	DFTPP	DFTPP	BM050222.D	06 Jun 2025 20:43		RC/JU	Ok

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM		
SubDirectory	BM060625	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					

19	SSTDCCC040	SSTDCCC040	BM050223.D	06 Jun 2025 21:23		RC/JU	Ok,M
20	PB168314BL	PB168314BL	BM050224.D	06 Jun 2025 22:03		RC/JU	Ok
21	PB168314BS	PB168314BS	BM050225.D	06 Jun 2025 22:42		RC/JU	Ok,M
22	PB168271TB	PB168271TB	BM050226.D	06 Jun 2025 23:22		RC/JU	Ok
23	Q2208-27	BU-703-COMP-08	BM050227.D	07 Jun 2025 00:02		RC/JU	Ok
24	Q2208-36	BU-703-COMP-09	BM050228.D	07 Jun 2025 00:41		RC/JU	Ok
25	Q2198-02	B-202-SB02	BM050229.D	07 Jun 2025 01:21		RC/JU	Ok
26	Q2198-04	B-207-SB02	BM050230.D	07 Jun 2025 02:01		RC/JU	Ok
27	Q2206-04	TP-1	BM050231.D	07 Jun 2025 02:41		RC/JU	Ok
28	Q2177-05	B-187-SB02	BM050232.D	07 Jun 2025 03:20		RC/JU	Ok
29	Q2177-07	B-202-SB01	BM050233.D	07 Jun 2025 04:00		RC/JU	Ok
30	Q2208-18	BU-703-COMP-07	BM050234.D	07 Jun 2025 04:39		RC/JU	Ok

M : Manual Integration

SOP ID : M1311-TCLP-16
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-1 / T-2
TCLP Filter ID : 115525

Start Prep Date : 06/02/2025 Time : 16:00
End Prep Date : 06/03/2025 Time : 09:15
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 22 °C
Final Room Temperature: 21 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : *[Signature]*

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
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q2185-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/03/25 11:00	<i>[Signature]</i> / TCLP Room	SIHS. RS 1641
	Preparation Group	Analysis Group

[Signature]

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
PB168224TB	LEB224	17	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2159-04	TP05-MHO-WC	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2160-04	TP04-MHG-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2160-08	TP05-MHH-WC	03	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2168-02	SAN-A1-A3	04	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2168-06	SAN-B1-B3	05	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q2168-10	SAN-C1-C2	06	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2172-04	TP06-MHQ	07	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2173-06	OR-400-CF-402B-COMP-23	08	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2173-12	OR-400-CF-402B-COMP-24	09	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2173-18	OR-400-CF-402B-COMP-25	10	100.04	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2177-03	B-187-SB01	11	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2177-05	B-187-SB02	12	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2177-07	B-202-SB01	13	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2178-02	RT2929	14	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-2
Q2185-04	TP02-MHB-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2185-08	TP01-MHB-WC	16	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168224TB	LEB224	N/A	N/A	N/A	N/A	N/A	N/A
Q2159-04	TP05-MHO-WC	N/A	N/A	N/A	N/A	100	N/A
Q2160-04	TP04-MHG-WC	N/A	N/A	N/A	N/A	100	N/A
Q2160-08	TP05-MHH-WC	N/A	N/A	N/A	N/A	100	N/A
Q2168-02	SAN-A1-A3	N/A	N/A	N/A	N/A	100	N/A
Q2168-06	SAN-B1-B3	N/A	N/A	N/A	N/A	100	N/A
Q2168-10	SAN-C1-C2	N/A	N/A	N/A	N/A	100	N/A
Q2172-04	TP06-MHQ	N/A	N/A	N/A	N/A	100	N/A
Q2173-06	OR-400-CF-402B-COMP-23	N/A	N/A	N/A	N/A	100	N/A
Q2173-12	OR-400-CF-402B-COMP-24	N/A	N/A	N/A	N/A	100	N/A
Q2173-18	OR-400-CF-402B-COMP-25	N/A	N/A	N/A	N/A	100	N/A
Q2177-03	B-187-SB01	N/A	N/A	N/A	N/A	100	N/A
Q2177-05	B-187-SB02	N/A	N/A	N/A	N/A	100	N/A
Q2177-07	B-202-SB01	N/A	N/A	N/A	N/A	100	N/A
Q2178-02	RT2929	N/A	N/A	N/A	N/A	100	N/A
Q2185-04	TP02-MHB-WC	N/A	N/A	N/A	N/A	100	N/A
Q2185-08	TP01-MHB-WC	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
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
PB168224TB	LEB224	N/A	N/A	N/A	N/A	#1	4.93
Q2159-04	TP05-MHO-WC	5.02	96.5	5.6	2.0	#1	4.93
Q2160-04	TP04-MHG-WC	5.01	96.5	5.5	2.0	#1	4.93
Q2160-08	TP05-MHH-WC	5.02	96.5	5.8	2.0	#1	4.93
Q2168-02	SAN-A1-A3	5.01	96.5	6.2	2.5	#1	4.93
Q2168-06	SAN-B1-B3	5.02	96.5	6.0	2.0	#1	4.93
Q2168-10	SAN-C1-C2	5.03	96.5	6.0	2.0	#1	4.93
Q2172-04	TP06-MHQ	5.03	96.5	5.5	1.5	#1	4.93
Q2173-06	OR-400-CF-402B-COMP-23	5.02	96.5	9.0	3.5	#1	4.93
Q2173-12	OR-400-CF-402B-COMP-24	5.03	96.5	7.2	2.5	#1	4.93
Q2173-18	OR-400-CF-402B-COMP-25	5.02	96.5	8.4	3.0	#1	4.93
Q2177-03	B-187-SB01	5.03	96.5	8.2	3.0	#1	4.93
Q2177-05	B-187-SB02	5.02	96.5	7.2	2.5	#1	4.93
Q2177-07	B-202-SB01	5.01	96.5	8.2	3.0	#1	4.93
Q2178-02	RT2929	5.02	96.5	10.5	4.0	#1	4.93
Q2185-04	TP02-MHB-WC	5.02	96.5	8.0	3.0	#1	4.93
Q2185-08	TP01-MHB-WC	5.01	96.5	8.0	3.0	N/A	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2177

WorkList ID : 189871

Department : TCLP Extraction

Date : 06-02-2025 12:11:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2159-04	TP05-MHO-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/29/2025	1311
Q2160-04	TP04-MHG-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/29/2025	1311
Q2160-08	TP05-MHH-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/29/2025	1311
Q2168-02	SAN-A1-A3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/29/2025	1311
Q2168-06	SAN-B1-B3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/30/2025	1311
Q2168-10	SAN-C1-C2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/30/2025	1311
Q2172-04	TP06-MHQ	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/30/2025	1311
Q2173-06	OR-400-CF-402B-COMP-23	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	05/30/2025	1311
Q2173-12	OR-400-CF-402B-COMP-24	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	05/30/2025	1311
Q2173-18	OR-400-CF-402B-COMP-25	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	05/30/2025	1311
Q2177-03	B-187-SB01	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	05/30/2025	1311
Q2177-05	B-187-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	05/31/2025	1311
Q2177-07	B-202-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	05/31/2025	1311
Q2178-02	RT2929	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	05/31/2025	1311
Q2185-04	TP02-MHB-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	06/02/2025	1311
Q2185-08	TP01-MHB-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/02/2025	1311
					PSEG03	L31	06/02/2025	1311

Date/Time 06/02/25 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 06/02/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Extraction Start Date : 06/04/2025

Matrix : Water

Extraction Start Time : 08:30

Weigh By: N/A

Extraction By: RJ

Extraction End Date : 06/04/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:30

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,5,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

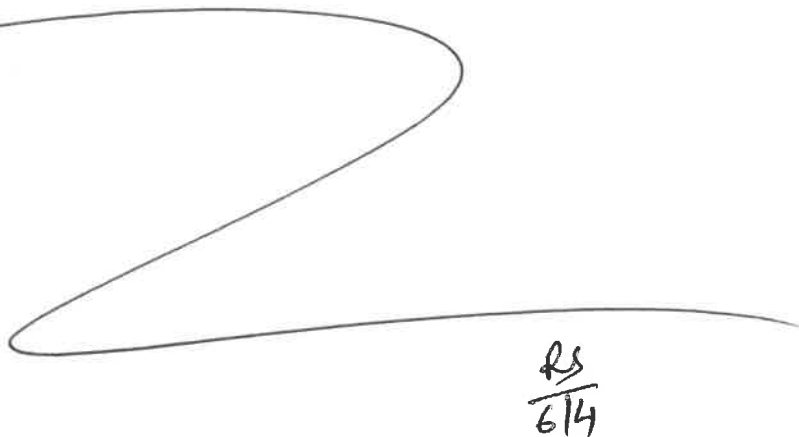
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/4/25	RS (Ext Lab)	Rc/svdc
13:35	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/04/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168224TB	PB168224TB	TCLP BNA	100	6	ritesh	Evelyn	1			SEP-1
PB168269BL	PB168269BL	TCLP BNA	1000	6	ritesh	Evelyn	1			2
PB168269BS	PB168269BS	TCLP BNA	1000	6	ritesh	Evelyn	1			3
Q2159-04	TP05-MHO-WC	TCLP BNA	100	6	ritesh	Evelyn	1	A		4
Q2160-04	TP04-MHG-WC	TCLP BNA	100	6	ritesh	Evelyn	1	A		5
Q2160-08	TP05-MHH-WC	TCLP BNA	100	6	ritesh	Evelyn	1	A		6
Q2172-04	TP06-MHQ	TCLP BNA	100	6	ritesh	Evelyn	1	A		7
Q2173-06	OR-400-CF-402B-COMP-2 3	TCLP BNA	100	6	ritesh	Evelyn	1	A		8
Q2173-12	OR-400-CF-402B-COMP-2 4	TCLP BNA	100	6	ritesh	Evelyn	1	A		9
Q2173-18	OR-400-CF-402B-COMP-2 5	TCLP BNA	100	6	ritesh	Evelyn	1	A		10
Q2177-03	B-187-SB01	TCLP BNA	100	6	ritesh	Evelyn	1	A		11
Q2177-03MS	B-187-SB01MS	TCLP BNA	100	6	ritesh	Evelyn	1	A		12
Q2177-03MS D	B-187-SB01MSD	TCLP BNA	100	6	ritesh	Evelyn	1	A		13
Q2177-05	B-187-SB02	TCLP BNA	100	6	ritesh	Evelyn	1	A		14
Q2177-07	B-202-SB01	TCLP BNA	100	6	ritesh	Evelyn	1	A		15
Q2185-04	TP02-MHB-WC	TCLP BNA	100	6	ritesh	Evelyn	1	A		16
Q2185-08	TP01-MHB-WC	TCLP BNA	100	6	ritesh	Evelyn	1	A		17



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
PB168224TB	LEB224	17	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2159-04	TP05-MHO-WC	01	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2160-04	TP04-MHG-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2160-08	TP05-MHH-WC	03	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2168-02	SAN-A1-A3	04	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2168-06	SAN-B1-B3	05	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q2168-10	SAN-C1-C2	06	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2172-04	TP06-MHQ	07	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2173-06	OR-400-CF-402B-COMP-23	08	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2173-12	OR-400-CF-402B-COMP-24	09	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2173-18	OR-400-CF-402B-COMP-25	10	100.04	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2177-03	B-187-SB01	11	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2177-05	B-187-SB02	12	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2177-07	B-202-SB01	13	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2178-02	RT2929	14	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-2
Q2185-04	TP02-MHB-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q2185-08	TP01-MHB-WC	16	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-2

06/03/25
11:00



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: Gonne & Fleming
ADDRESS: 1010 Adams Avenue
CITY: Audubon STATE: PA ZIP: 19403
ATTENTION: Joe Kruparsky
PHONE: 610-301-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amtrak Sanborn
PROJECT NO.: 95000818 LOCATION: Keeney NJ
PROJECT MANAGER: Joe Kruparsky
e-mail: QAZQ@BEMSYS.COM
PHONE: 610-310-8342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#: 284 Sheffield
ADDRESS: 284 Sheffield
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: Samaria Beasley PHONE: 908-728-3148

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ 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
☐ EDD FORMAT Bcm EDO

1. TCL-VOC+10
2. PCBS
3. Cr(VI)
4. TCL-SVOCs-BNA
5. TAU metals
6. EPH
7. Full TCP
8. RCPA Parameters
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	B-187-SB00	S		X	5/31/25	900	5	X										
2.	B-187-SB01			X		930	8	X	X	X	X	X	X	X	X			
3.	B-187-SB02			X		1000	8	X	X	X	X	X	X	X	X			
4.	B-202-SB01			X		1015	8	X	X	X	X	X	X	X	X			
5.	EB05312025	DIW				1415	8	X	X	X	X	X	X	X				
6.	TB05312025	DIW				NA		X										
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. <u>[Signature]</u>	<u>5/31/25</u>	1. <u>[Signature]</u> <u>6-2-25</u> <u>0700</u>	Comments: _____
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2177	PORT06	Order Date : 6/2/2025 11:19:00 AM	Project Mgr : Yazmeen
Client Name : Portal Partners Tri-Venture		Project Name : Amtrak Sawtooth Bridges 2	Report Type : NJ Reduced
Client Contact : Joseph Krupansky		Receive DateTime : 6/2/2025 7:00:00 AM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Portal Partners Tri-Venture		Purchase Order :	Hard Copy Date :
Invoice Contact : Joseph Krupansky			Date Signoff : 6/2/2025 12:21:09 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2177-01	B-187-SB00	Solid	05/31/2025	09:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2177-02	B-187-SB01	Solid	05/31/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2177-04	B-187-SB02	Solid	05/31/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2177-06	B-202-SB01	Solid	05/31/2025	10:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2177-08	EB05312025	Water	05/31/2025	14:15					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2177-09	TB05312025	Water	05/31/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2177	PORT06	Order Date : 6/2/2025 11:19:00 AM	Project Mgr : Yazmeen
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Invoice Name : Portal Partners Tri-Venture		Purchase Order :	Hard Copy Date :
Invoice Contact : Joseph Krupansky			Date Signoff : 6/2/2025 12:21:09 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinquished By :

Date / Time :



6/2/25 1150

Received By :

Date / Time :


6/2/25 1152

Storage Area : VOA Refridgerator Room