



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

Cover Page

Order ID : Q1870

Project ID : NJ Waste Water PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number

Q1870-01
Q1870-03

Client Sample Number

38072-010925
38073-100124

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Alliance Technical Group, LLC - Newark

Project Name: NJ Waste Water PT

Project # N/A

Chemtech Project # Q1870

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

1 Water sample was received on 04/23/2025.

1 Water sample was received on 04/24/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group2 and SVOCMS Group5. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.



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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1870

MATRIX: Water

METHOD: 8270E/3510

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples .			✓

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY
(CONTINUED)

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1870

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/06/2025

LAB CHRONICLE

OrderID:	Q1870	OrderDate:	4/24/2025 11:31:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1870-03	38073-100124	Water	SVOCMS Group2	8270E	04/22/25	04/24/25	04/29/25	04/24/25



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Hit Summary Sheet SW-846

SDG No.: Q1870
Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 38073-100124							
Q1870-03	38073-100124	WATER 2,4-Dimethylphenol	38.600		1.9	5	ug/L
Total Svoc :				38.60			
Total Concentration:				38.60			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167729BL	PB167729BL	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	129	86		10	134
		2,4,6-Tribromophenol	150	126	84		44	137
PB167729BS	PB167729BS	2-Fluorophenol	150	133	89		10	139
		Phenol-d6	150	131	87		10	134
		2,4,6-Tribromophenol	150	133	89		44	137
Q1870-03	38073-100124	2-Fluorophenol	150	145	96		10	139
		Phenol-d6	150	149	100		10	134
		2,4,6-Tribromophenol	150	154	103		44	137

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1870

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E **DataFile:** BM050040.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB167729BS	2,4-Dimethylphenol	50	43.5	ug/L	87				42	142	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167729BL

Lab Name: CHEMTECH

Contract: ALLI03

Lab Code: CHEM Case No.: Q1870

SAS No.: Q1870 SDG NO.: Q1870

Lab File ID: BM050036.D

Lab Sample ID: PB167729BL

Instrument ID: BNA_M

Date Extracted: 04/24/2025

Matrix: (soil/water) Water

Date Analyzed: 04/29/2025

Level: (low/med) LOW

Time Analyzed: 09:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167729BS	PB167729BS	BM050040.D	04/29/2025
38073-100124	Q1870-03	BM050038.D	04/29/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ALLI03Lab Code: CHEMSAS No.: Q1870 SDG NO.: Q1870Lab File ID: BM050023.DDFTPP Injection Date: 04/28/2025Instrument ID: BNA_MDFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
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	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.3) 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	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ALLI03Lab Code: CHEMSAS No.: Q1870 SDG NO.: Q1870Lab File ID: BM050034.DDFTPP Injection Date: 04/29/2025Instrument ID: BNA_MDFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
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	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.5 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050035.D	04/29/2025	09:13
PB167729BL	PB167729BL	BM050036.D	04/29/2025	09:52
38073-100124	Q1870-03	BM050038.D	04/29/2025	11:39
PB167729BS	PB167729BS	BM050040.D	04/29/2025	12:58

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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	251798	7.769	911122	10.56	601329	14.41
UPPER LIMIT	503596	8.269	1822240	11.057	1202660	14.91
LOWER LIMIT	125899	7.269	455561	10.057	300665	13.91
EPA SAMPLE NO.						
01 PB167729BL	267473	7.77	926574	10.56	611197	14.41
02 38073-100124	245413	7.76	914618	10.56	618114	14.41
03 PB167729BS	269893	7.76	961152	10.56	608153	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.: Q1870 SAS No.: Q1870 SDG NO.: Q1870

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/29/2025

Lab File ID: BM050035.D Time Analyzed: 09:13

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	1168790	17.156	1131300	21.397	1083540	24.397
UPPER LIMIT	2337580	17.656	2262600	21.897	2167080	24.897
LOWER LIMIT	584395	16.656	565650	20.897	541770	23.897
EPA SAMPLE NO.						
01 PB167729BL	1171850	17.16	971539	21.40	1012330	24.40
02 38073-100124	1211510	17.16	1057120	21.40	1117520	24.40
03 PB167729BS	1141690	17.16	1074280	21.40	1054030	24.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	04/22/25
Project:	NJ Waste Water PT	Date Received:	04/24/25
Client Sample ID:	38073-100124	SDG No.:	Q1870
Lab Sample ID:	Q1870-03	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM050038.D	1	04/24/25 12:05	04/29/25 11:39	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	38.6		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	149		10 - 134	100%	SPK: 150
118-79-6	2,4,6-Tribromophenol	154		44 - 137	103%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	245000	7.763			
1146-65-2	Naphthalene-d8	915000	10.557			
15067-26-2	Acenaphthene-d10	618000	14.41			
1517-22-2	Phenanthrene-d10	1210000	17.157			
1719-03-5	Chrysene-d12	1060000	21.403			
1520-96-3	Perylene-d12	1120000	24.403			

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\BM042925\
 Data File : BM050038.D
 Acq On : 29 Apr 2025 11:39
 Operator : RC/JU
 Sample : Q1870-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 38073-100124

Quant Time: Apr 29 12:23:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

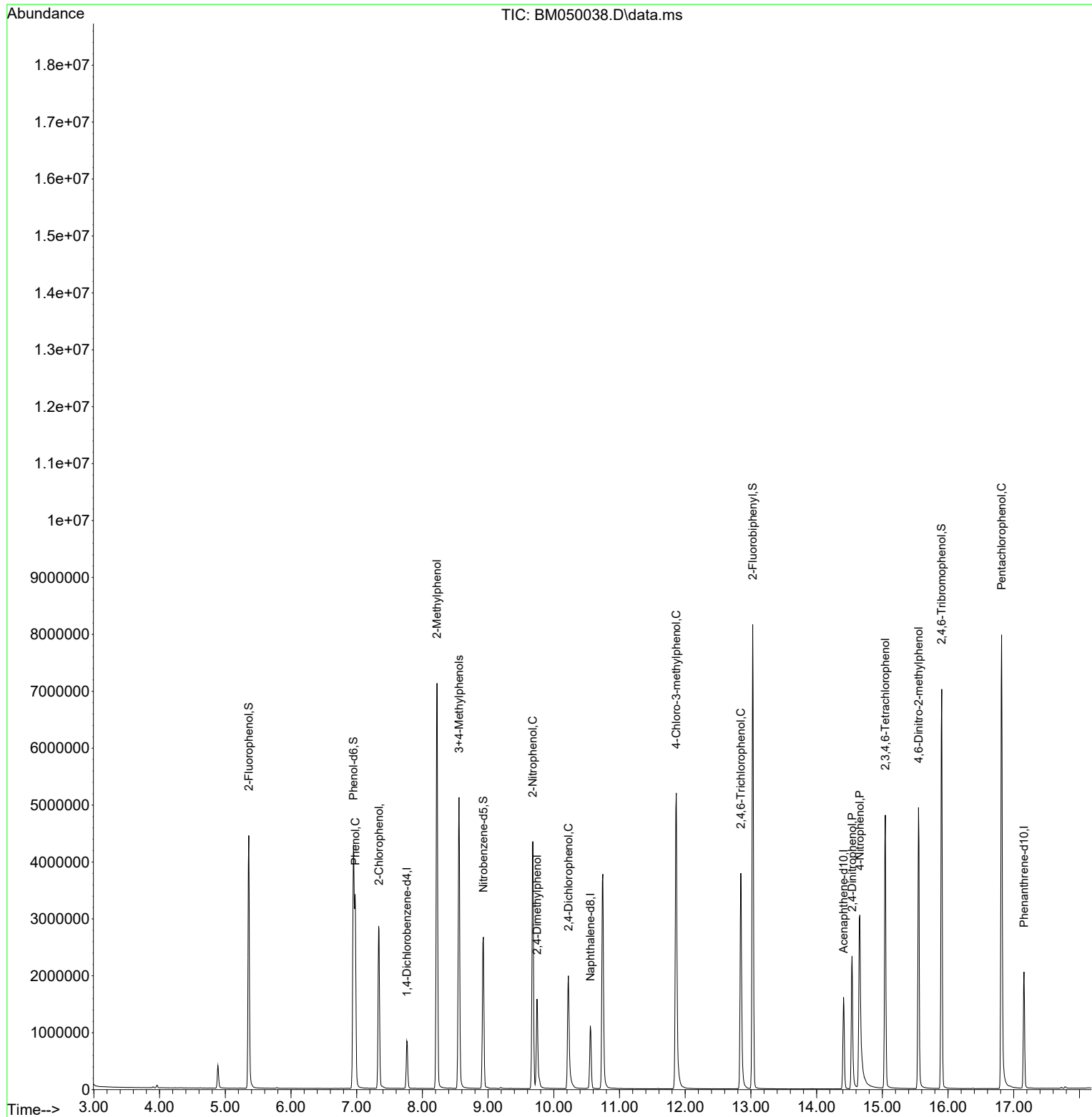
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	245413	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	914618	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	618114	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1211511	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1057120	20.000	ng	0.00
86) Perylene-d12	24.403	264	1117523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2025635	144.533	ng	0.00
7) Phenol-d6	6.951	99	2630309	149.322	ng	0.00
23) Nitrobenzene-d5	8.928	82	1551763	83.604	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1407153	153.962	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4363352	83.509	ng	0.00
79) Terphenyl-d14	19.780	244	7391887	103.471	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.340	128	1351687	89.201	ng	100
10) Phenol	6.981	94	1764956	98.975	ng	97
17) 2-Methylphenol	8.222	107	2184055	185.916	ng	98
20) 3+4-Methylphenols	8.557	107	1923303	121.233	ng	91
26) 2-Nitrophenol	9.681	139	1546833	188.661	ng	99
27) 2,4-Dimethylphenol	9.745	122	524727	38.592	ng	98
29) 2,4-Dichlorophenol	10.222	162	933870	61.308	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	2073107	147.310	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1151938	84.878	ng	97
54) 2,4-Dinitrophenol	14.539	184	658465	107.856	ng	99
56) 4-Nitrophenol	14.657	139	1345989	179.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1063736	83.970	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	1381151	182.123	ng	97
70) Pentachlorophenol	16.815	266	1687241	177.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050038.D
Acq On : 29 Apr 2025 11:39
Operator : RC/JU
Sample : Q1870-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
38073-100124

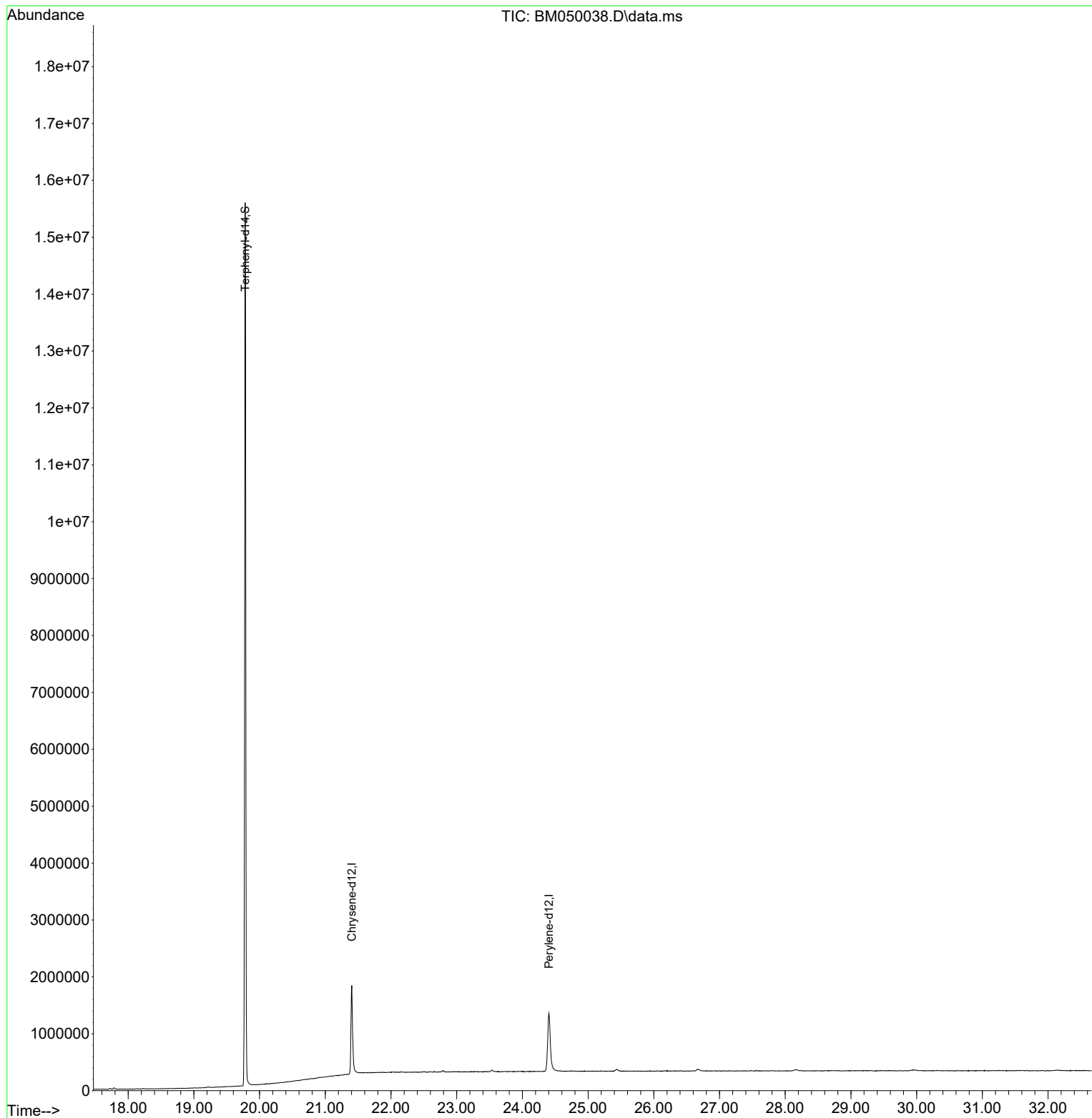
Quant Time: Apr 29 12:23:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

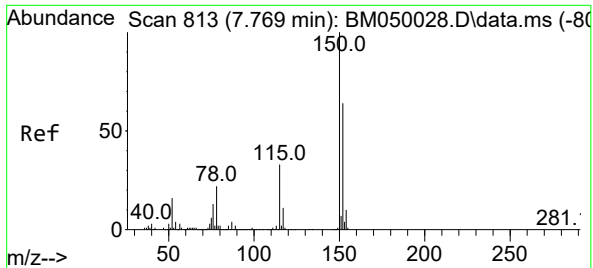


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050038.D
Acq On : 29 Apr 2025 11:39
Operator : RC/JU
Sample : Q1870-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
38073-100124

Quant Time: Apr 29 12:23:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

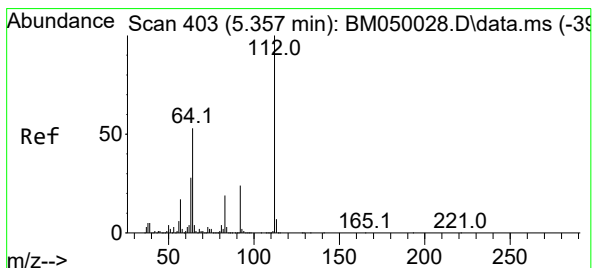
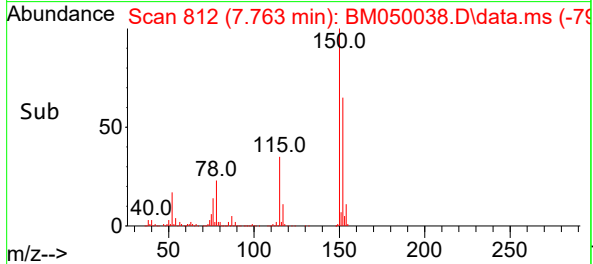
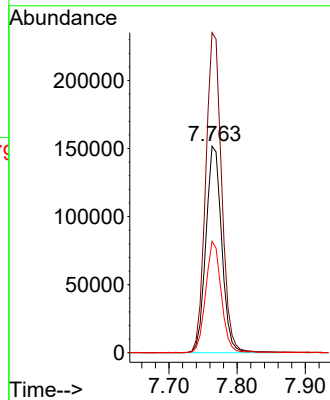
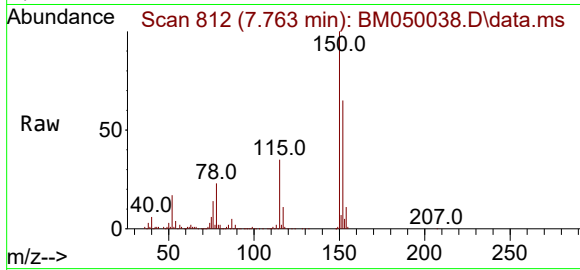




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

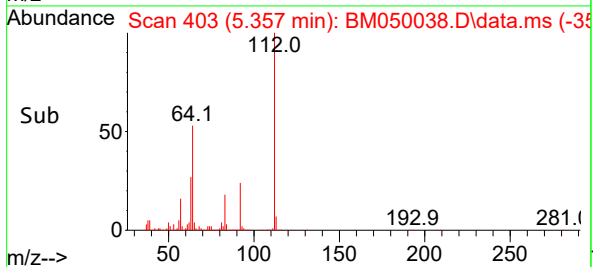
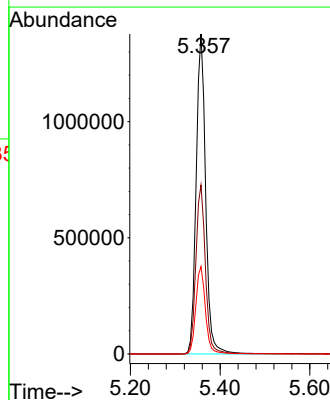
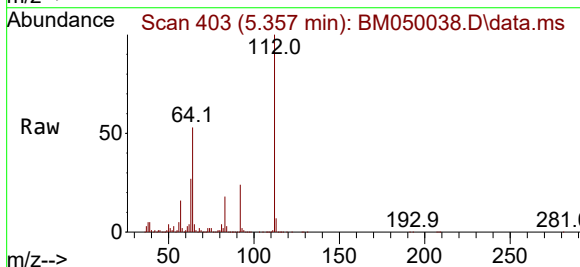
Instrument :
BNA_M
ClientSampleId :
38073-100124

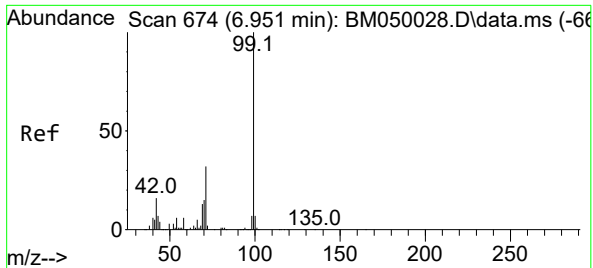
Tgt Ion:152 Resp: 245413
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 53.9 41.2 61.8



#5
2-Fluorophenol
Concen: 144.533 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:112 Resp: 2025635
Ion Ratio Lower Upper
112 100
64 52.8 42.6 64.0
63 27.3 22.2 33.4

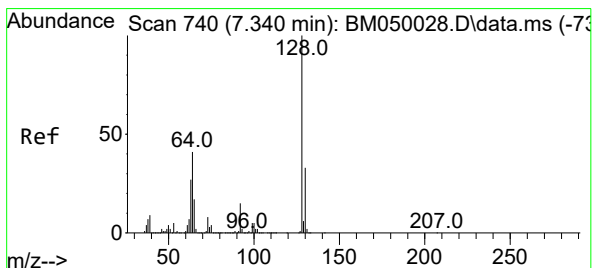
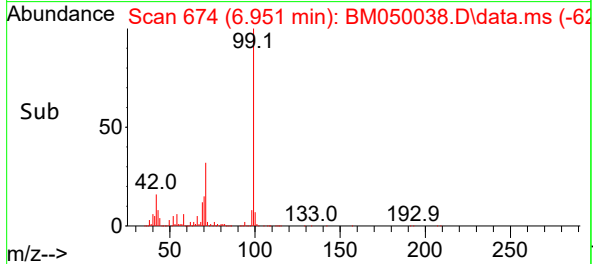
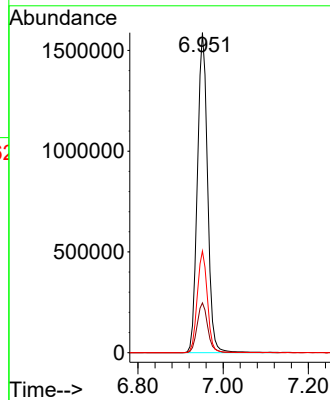
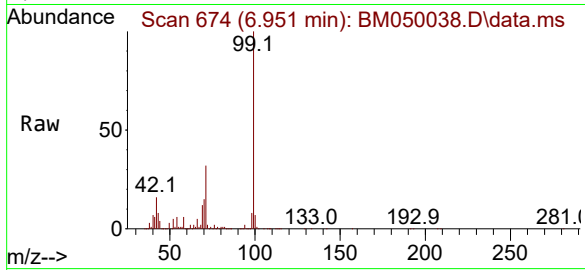




#7
Phenol-d6
Concen: 149.322 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

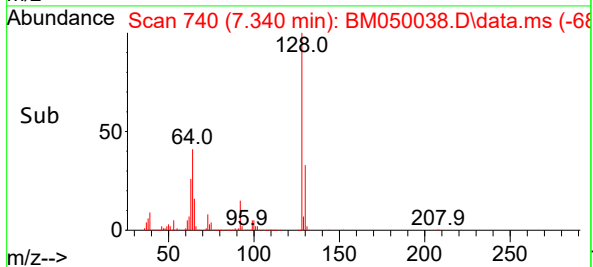
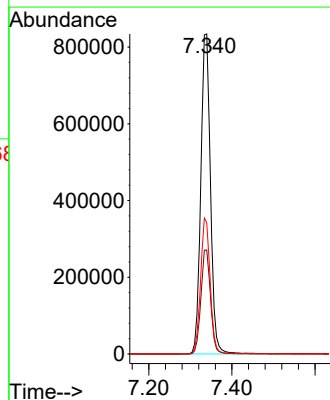
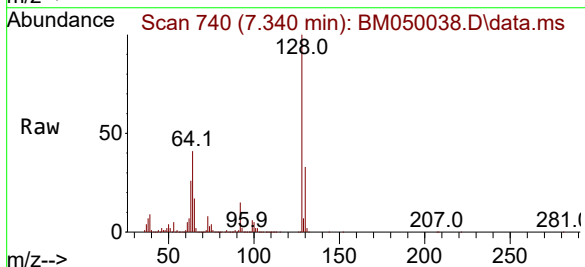
Instrument :
BNA_M
ClientSampleId :
38073-100124

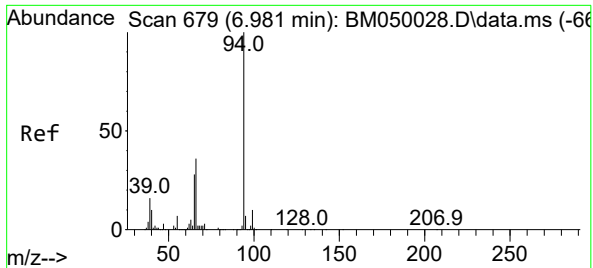
Tgt Ion: 99 Resp: 2630309
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 89.201 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion: 128 Resp: 1351687
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 40.9 21.2 61.2

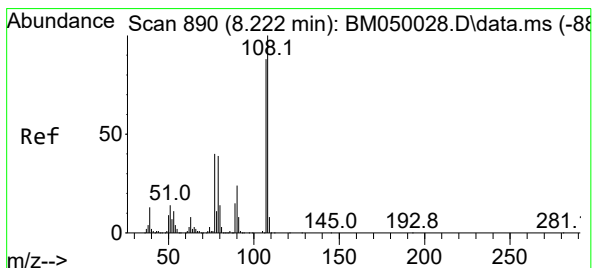
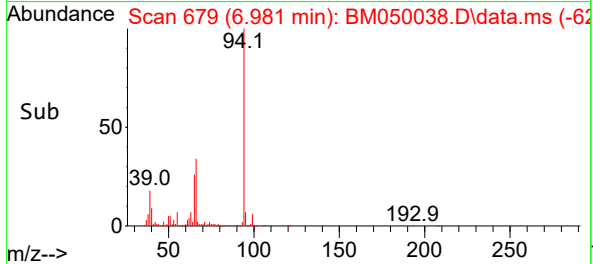
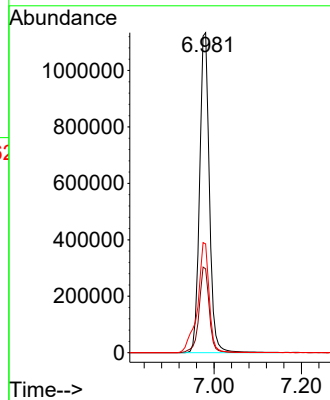
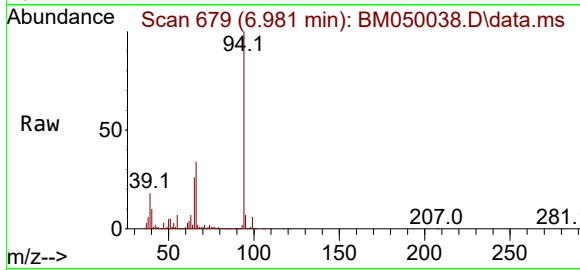




#10
Phenol
Concen: 98.975 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

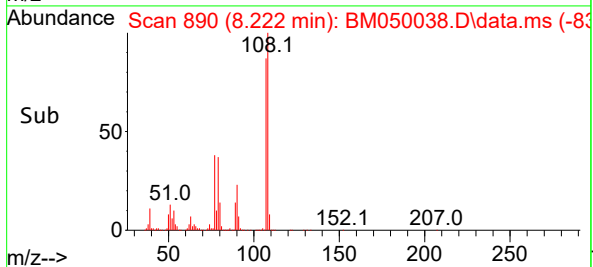
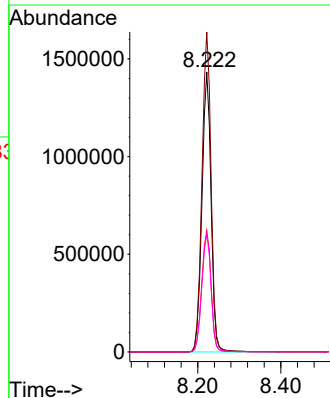
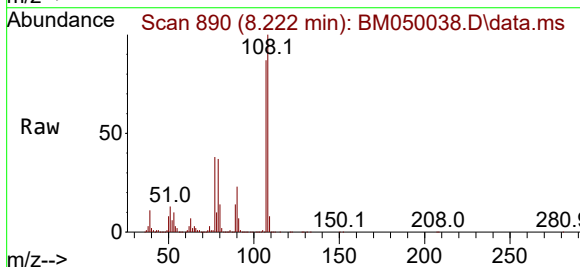
Instrument :
BNA_M
ClientSampleId :
38073-100124

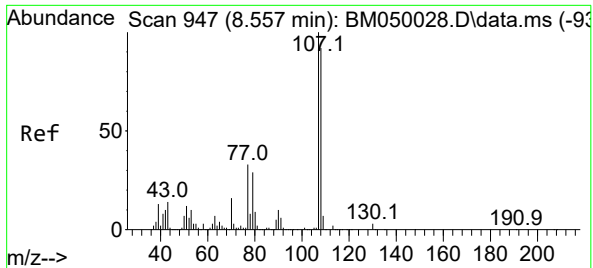
Tgt Ion: 94 Resp: 1764956
Ion Ratio Lower Upper
94 100
65 26.2 7.6 47.6
66 34.0 15.8 55.8



#17
2-Methylphenol
Concen: 185.916 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion: 107 Resp: 2184055
Ion Ratio Lower Upper
107 100
108 114.3 91.1 136.7
77 43.4 36.2 54.4
79 42.1 35.8 53.8

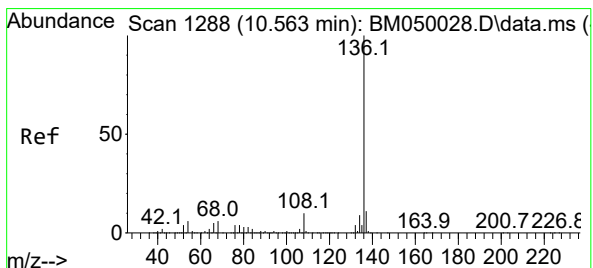
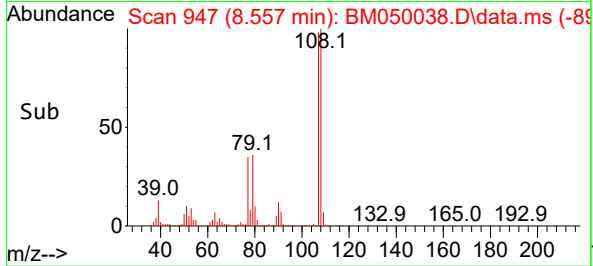
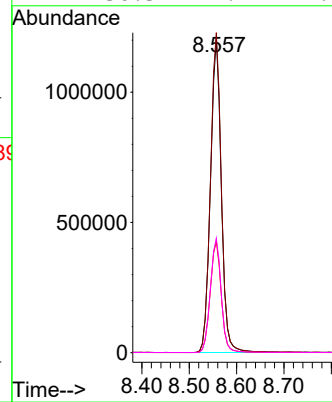
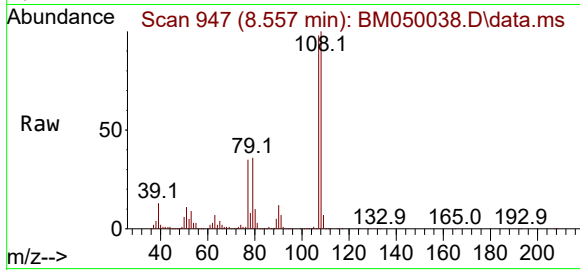




#20
3+4-Methylphenols
Concen: 121.233 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

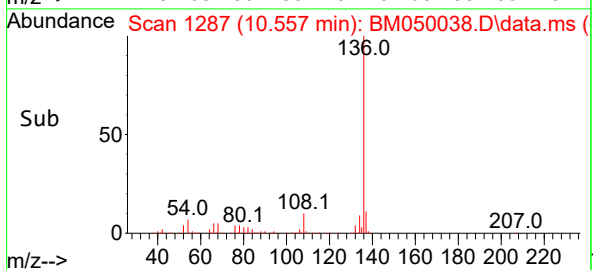
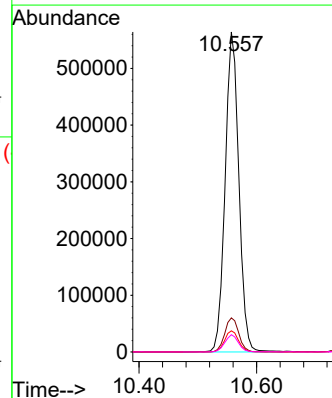
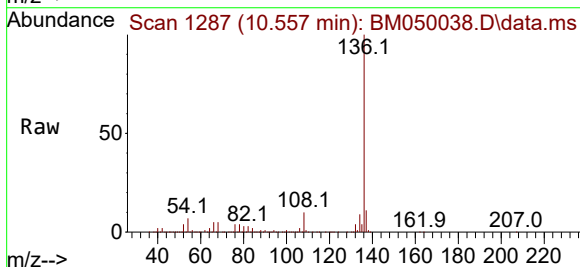
Instrument :
BNA_M
ClientSampleId :
38073-100124

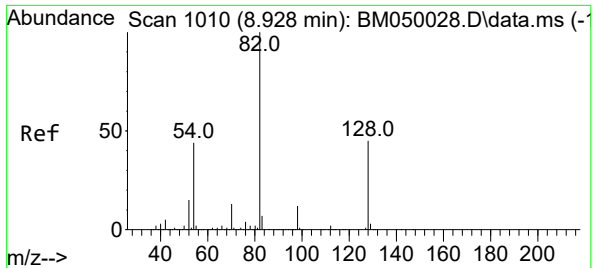
Tgt Ion:107 Resp: 1923303
Ion Ratio Lower Upper
107 100
108 102.1 72.4 112.4
77 35.4 13.6 53.6
79 36.5 9.2 49.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:136 Resp: 914618
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.6 5.1 7.7
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 83.604 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BM050038.D

Acq: 29 Apr 2025 11:39

Instrument :

BNA_M

ClientSampleId :

38073-100124

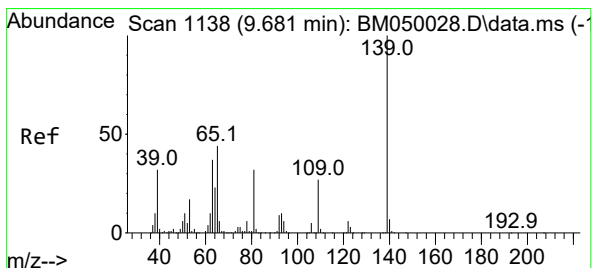
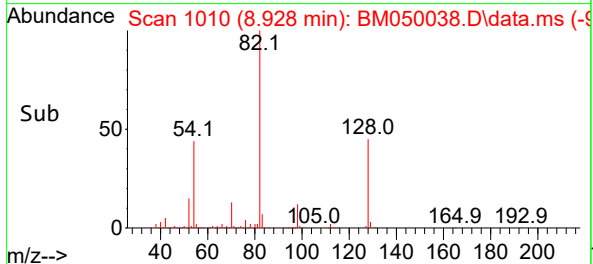
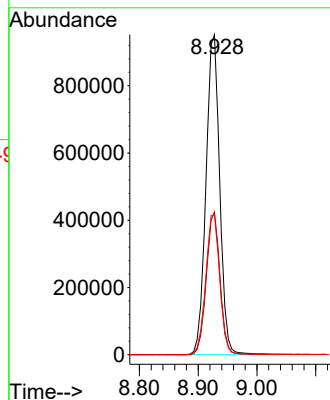
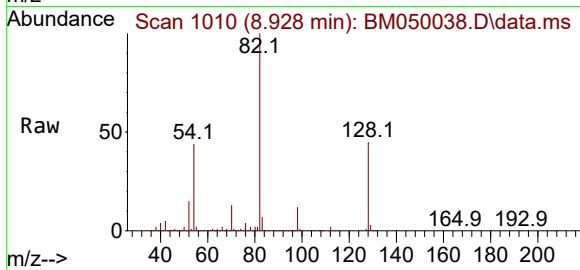
Tgt Ion: 82 Resp: 1551763

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 43.7 35.4 53.2



#26

2-Nitrophenol

Concen: 188.661 ng

RT: 9.681 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BM050038.D

Acq: 29 Apr 2025 11:39

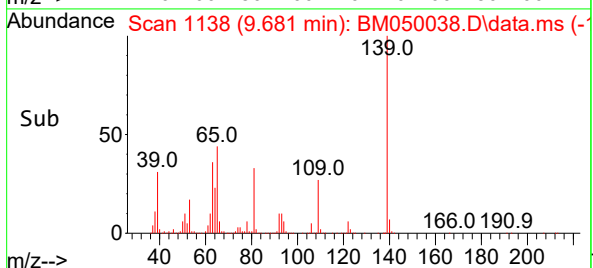
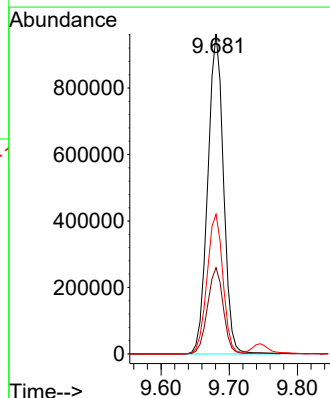
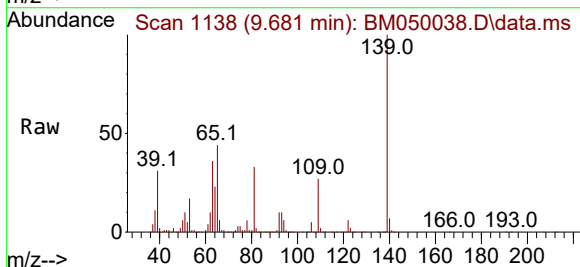
Tgt Ion:139 Resp: 1546833

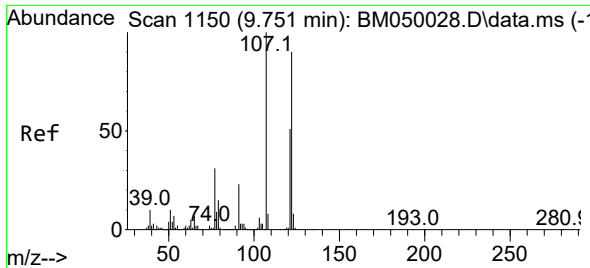
Ion Ratio Lower Upper

139 100

109 27.0 21.9 32.9

65 43.7 35.4 53.2

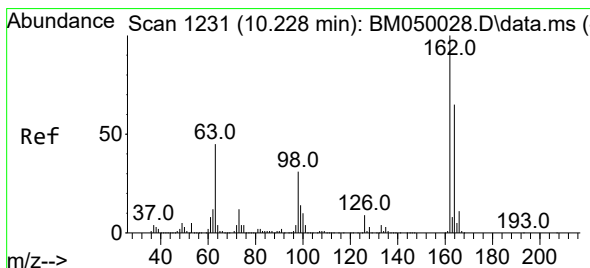
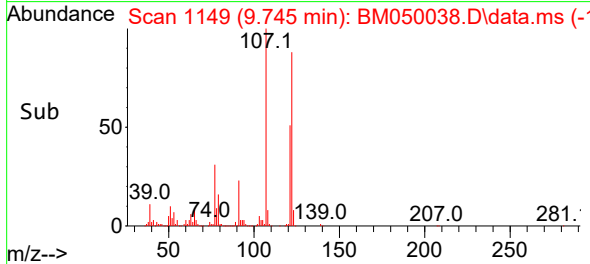
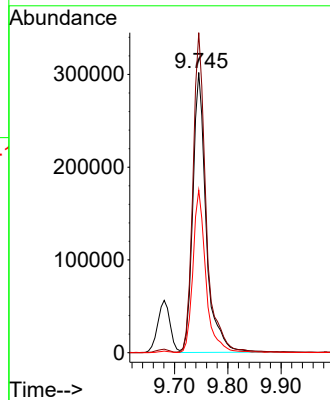
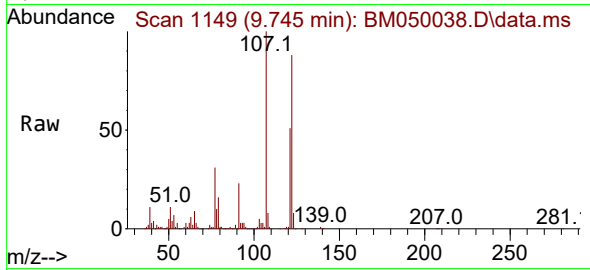




#27
2,4-Dimethylphenol
Concen: 38.592 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

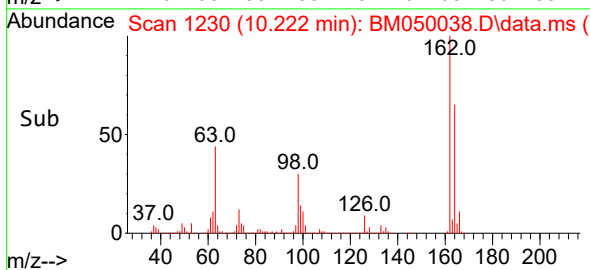
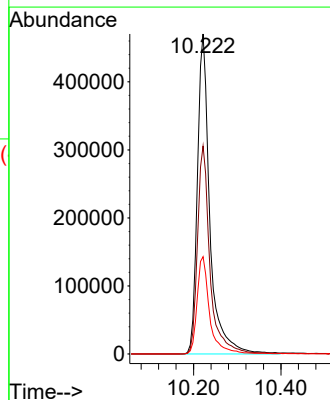
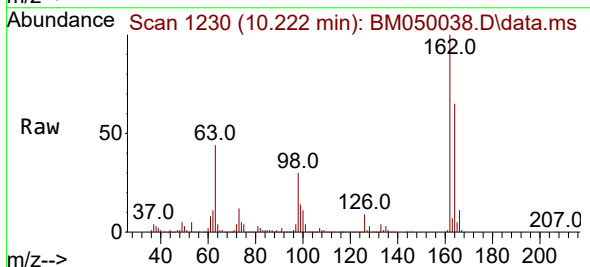
Instrument :
BNA_M
ClientSampleId :
38073-100124

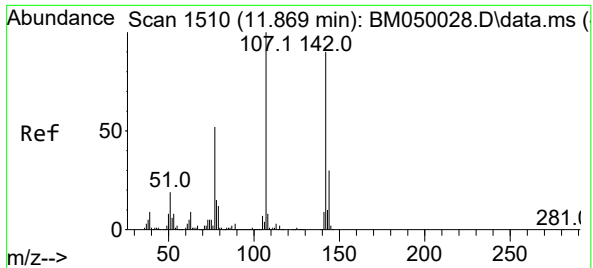
Tgt Ion:122 Resp: 524727
Ion Ratio Lower Upper
122 100
107 114.2 89.0 133.6
121 58.0 45.6 68.4



#29
2,4-Dichlorophenol
Concen: 61.308 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:162 Resp: 933870
Ion Ratio Lower Upper
162 100
164 65.0 45.4 85.4
98 30.4 11.3 51.3

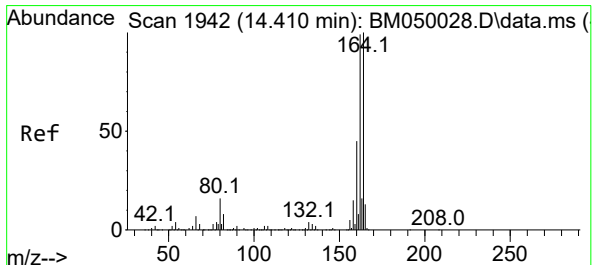
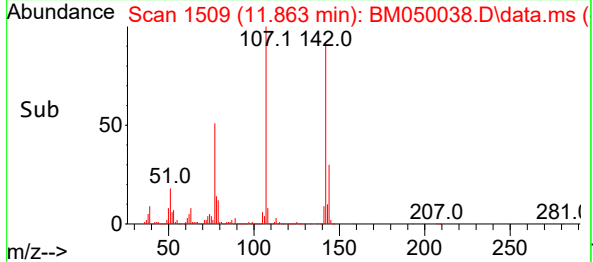
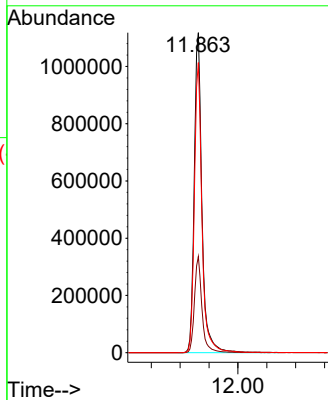
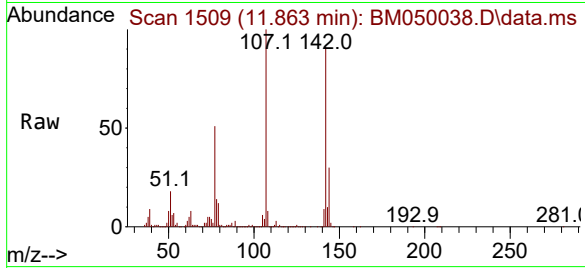




#36
4-Chloro-3-methylphenol
Concen: 147.310 ng
RT: 11.863 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

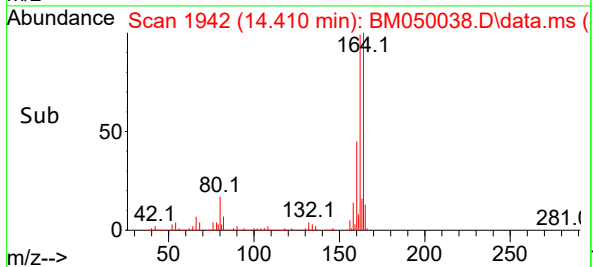
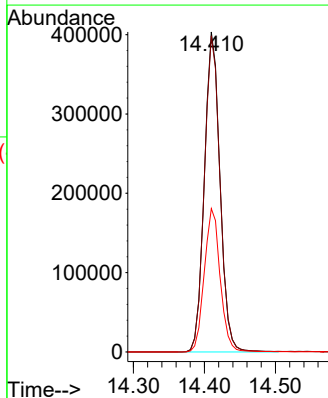
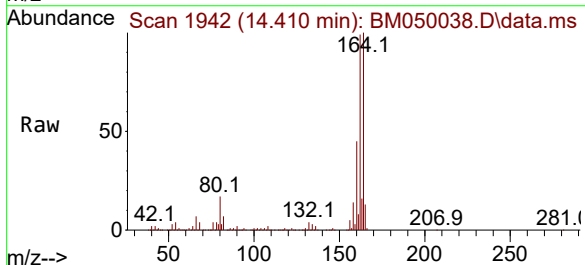
Instrument :
BNA_M
ClientSampleId :
38073-100124

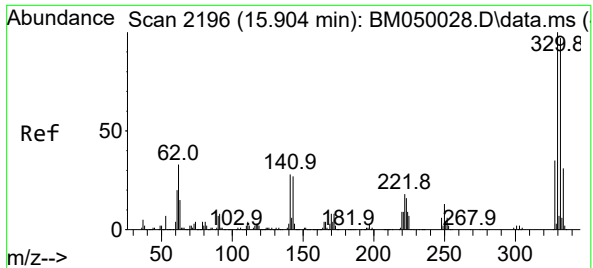
Tgt Ion:107 Resp: 2073107
Ion Ratio Lower Upper
107 100
144 30.1 23.8 35.6
142 90.7 71.9 107.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:164 Resp: 618114
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 44.8 36.2 54.4

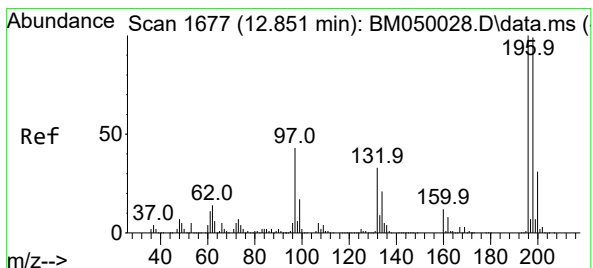
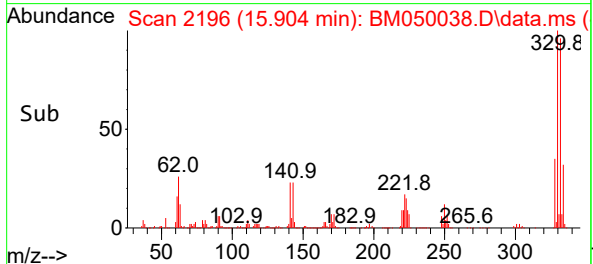
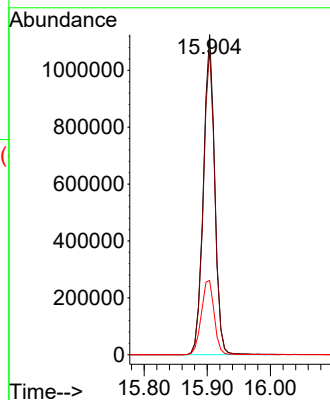
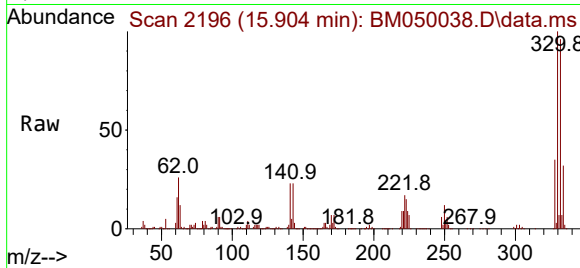




#42
2,4,6-Tribromophenol
Concen: 153.962 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

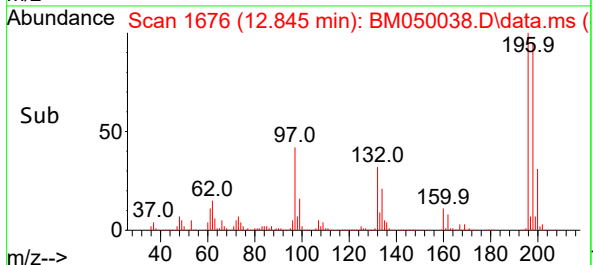
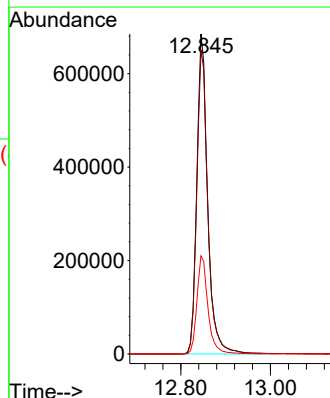
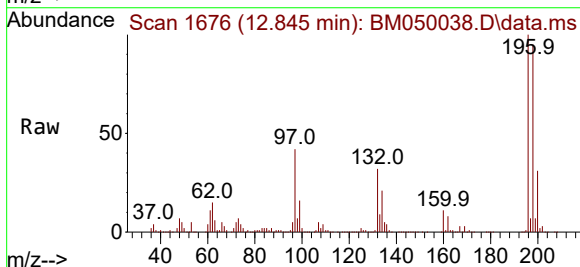
Instrument :
BNA_M
ClientSampleId :
38073-100124

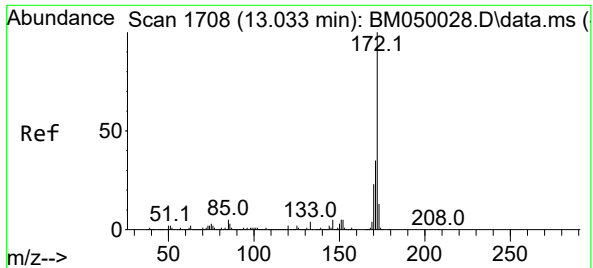
Tgt Ion:330 Resp: 1407153
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 26.3 22.5 33.7



#43
2,4,6-Trichlorophenol
Concen: 84.878 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:196 Resp: 1151938
Ion Ratio Lower Upper
196 100
198 95.1 79.0 118.6
200 30.6 25.1 37.7

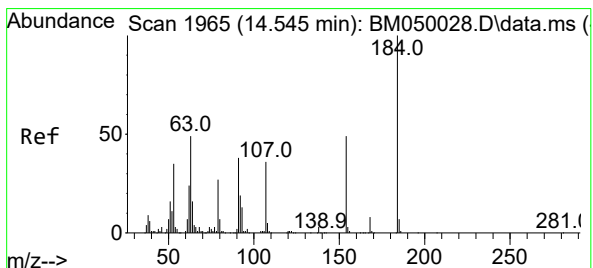
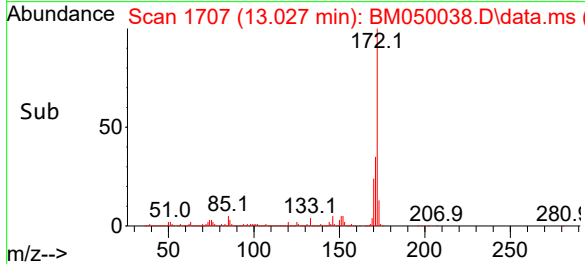
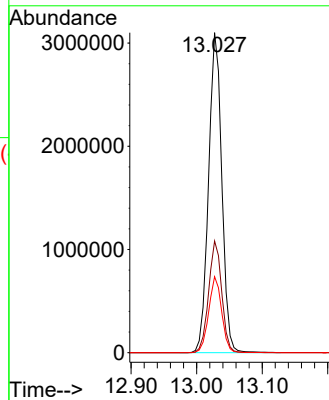
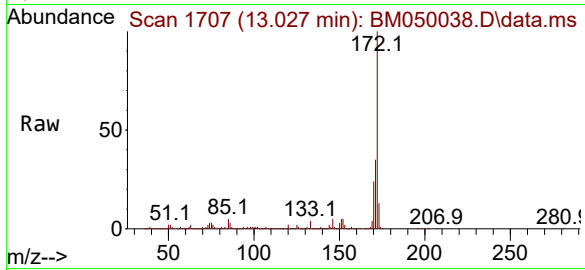




#45
2-Fluorobiphenyl
Concen: 83.509 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

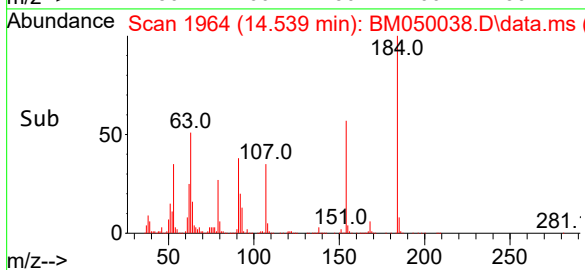
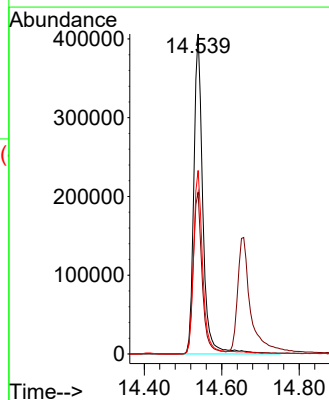
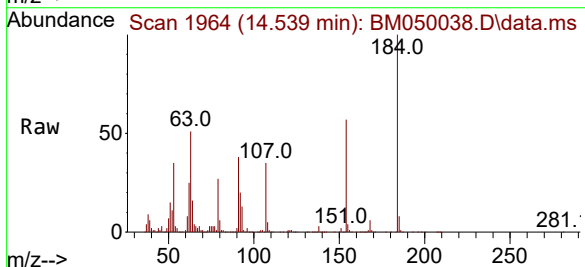
Instrument :
BNA_M
ClientSampleId :
38073-100124

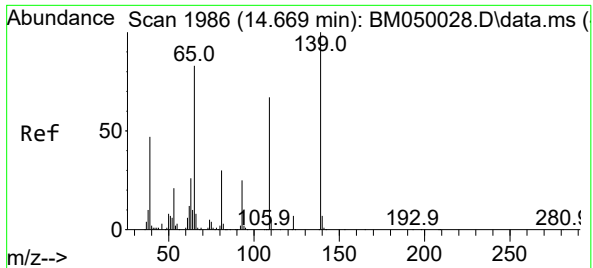
Tgt Ion:172 Resp: 4363352
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.7 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 107.856 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:184 Resp: 658465
Ion Ratio Lower Upper
184 100
63 50.5 39.8 59.6
154 57.4 46.1 69.1

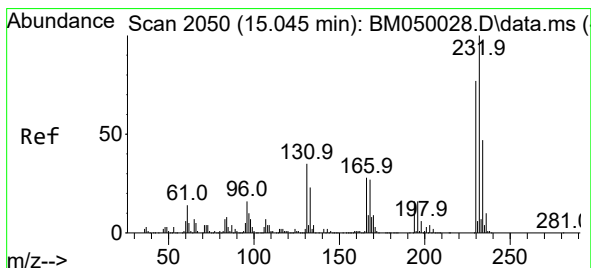
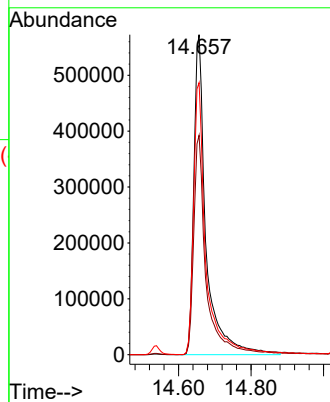
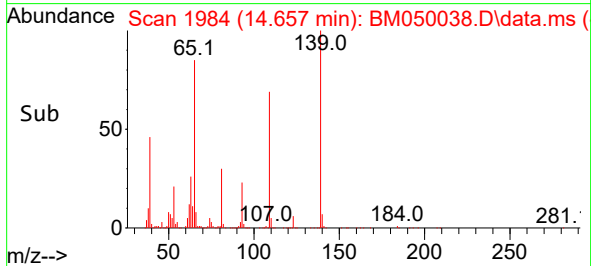
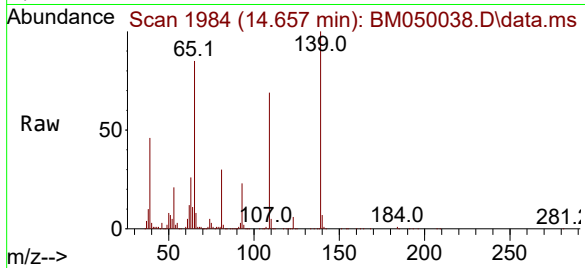




#56
4-Nitrophenol
Concen: 179.320 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

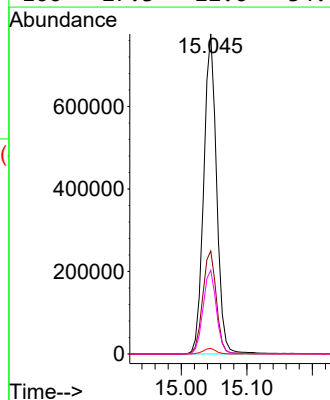
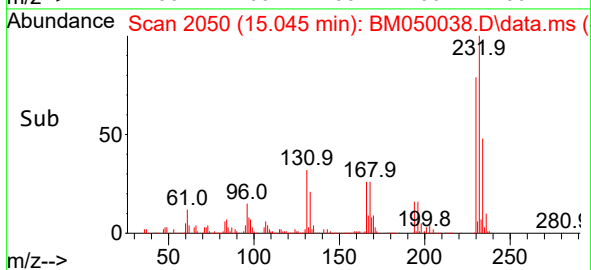
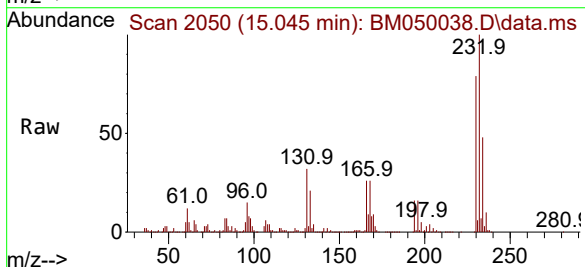
Instrument :
BNA_M
ClientSampleId :
38073-100124

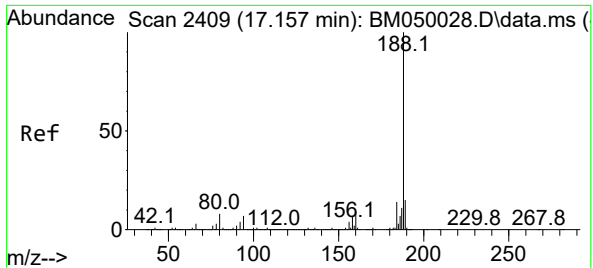
Tgt Ion:139 Resp: 1345989
Ion Ratio Lower Upper
139 100
109 68.6 47.0 87.0
65 85.0 64.3 104.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 83.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:232 Resp: 1063736
Ion Ratio Lower Upper
232 100
131 34.1 28.2 42.4
130 1.7 1.5 2.3
166 27.3 22.6 34.0

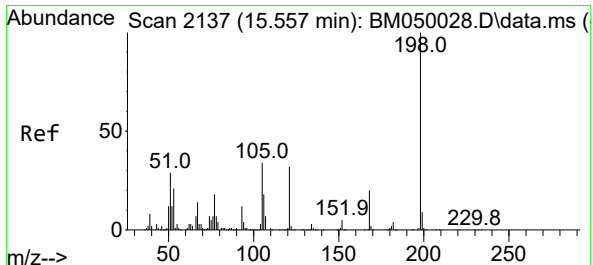
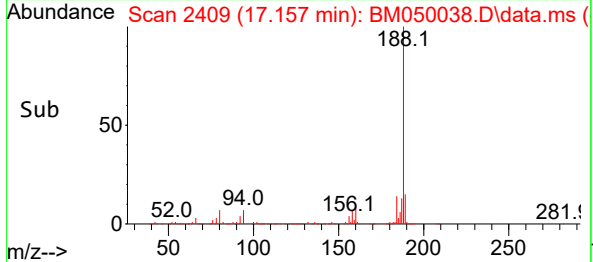
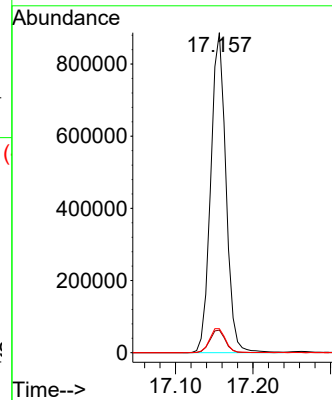
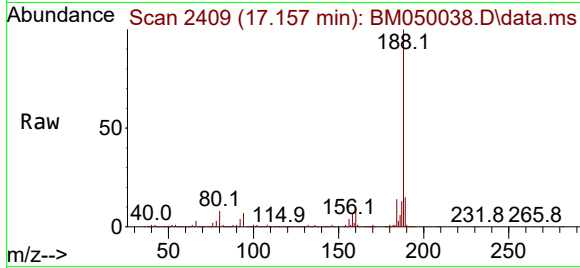




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

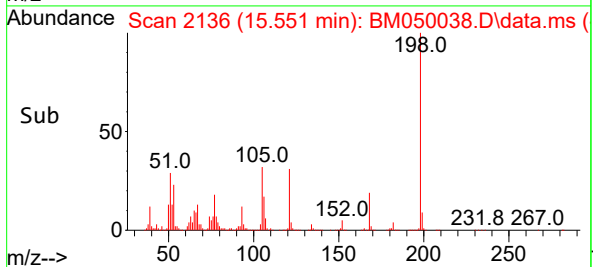
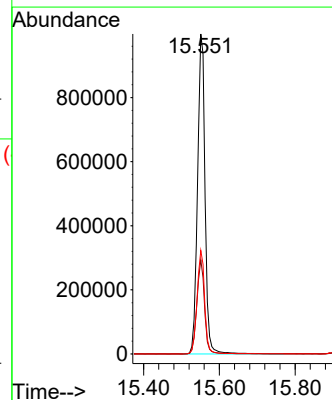
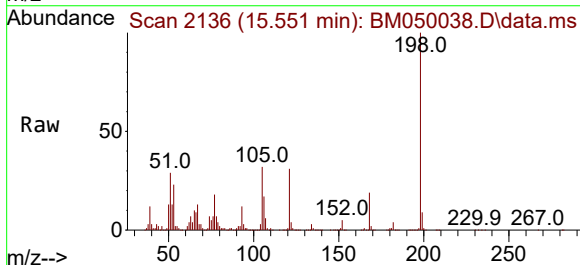
Instrument :
BNA_M
ClientSampleId :
38073-100124

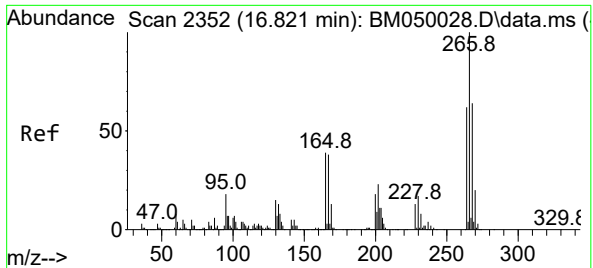
Tgt Ion:188 Resp: 1211511
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.5 6.2 9.4



#65
4,6-Dinitro-2-methylphenol
Concen: 182.123 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:198 Resp: 1381151
Ion Ratio Lower Upper
198 100
51 29.4 10.4 50.4
105 32.4 14.6 54.6

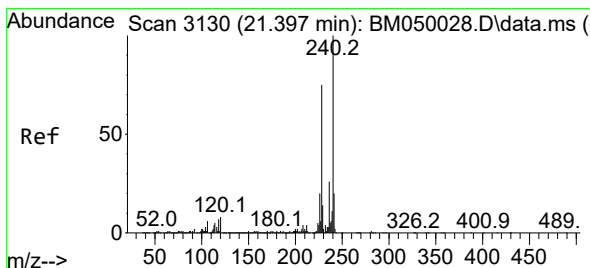
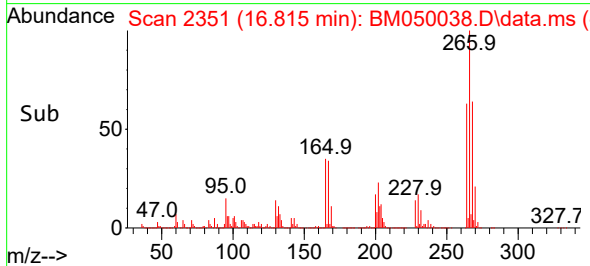
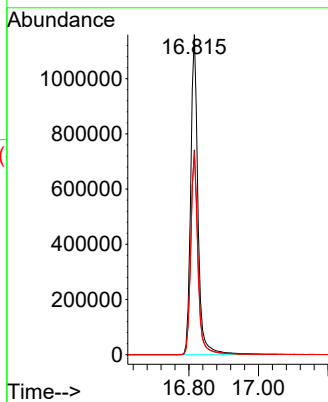
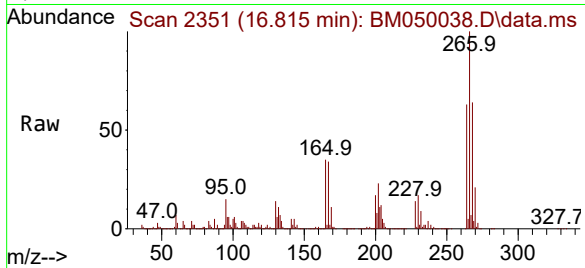




#70
Pentachlorophenol
Concen: 177.494 ng
RT: 16.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

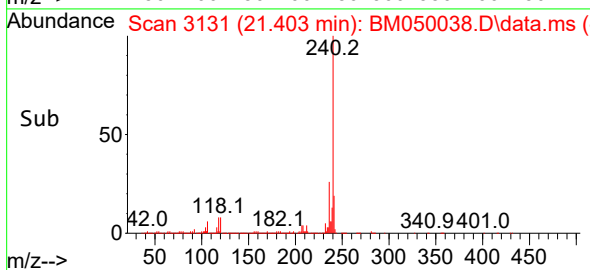
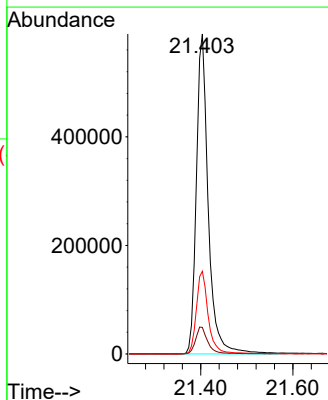
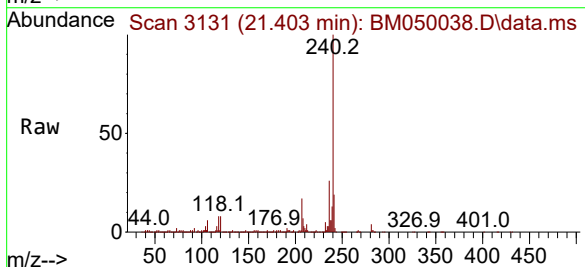
Instrument :
BNA_M
ClientSampleId :
38073-100124

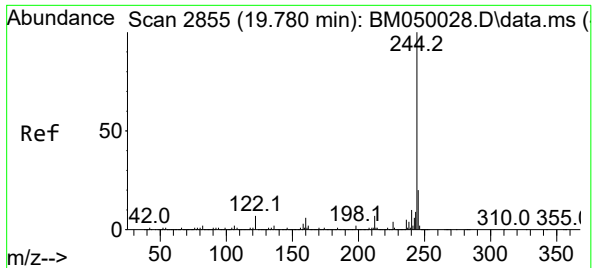
Tgt Ion:266 Resp: 1687241
Ion Ratio Lower Upper
266 100
268 64.0 51.2 76.8
264 63.1 49.6 74.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:240 Resp: 1057120
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.8 20.9 31.3

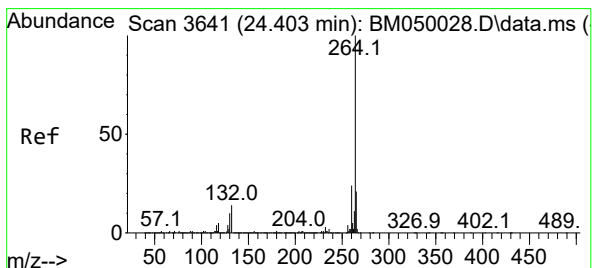
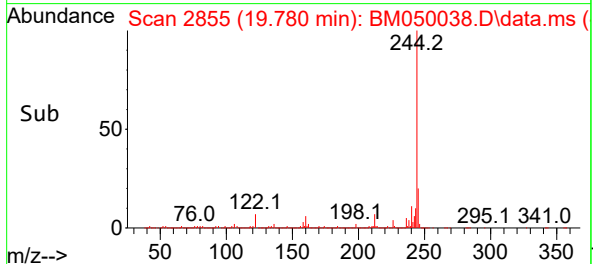
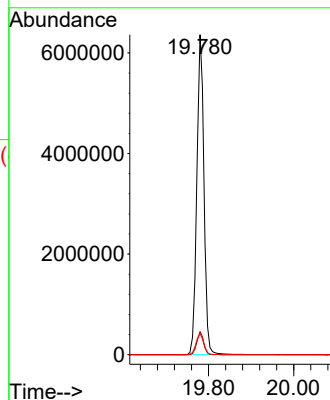
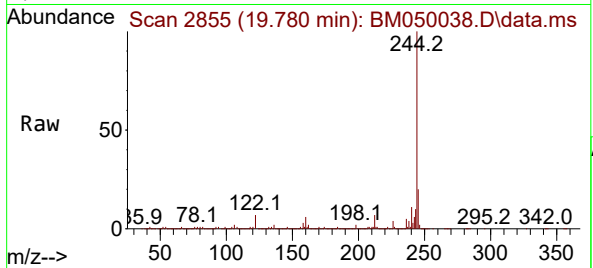




#79
Terphenyl-d14
Concen: 103.471 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

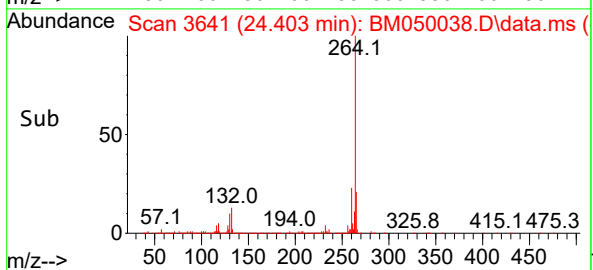
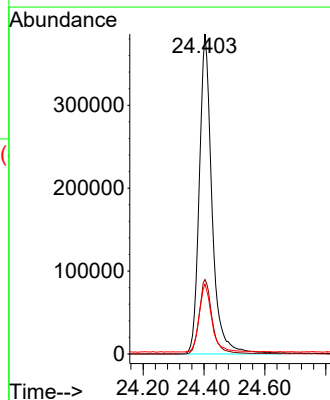
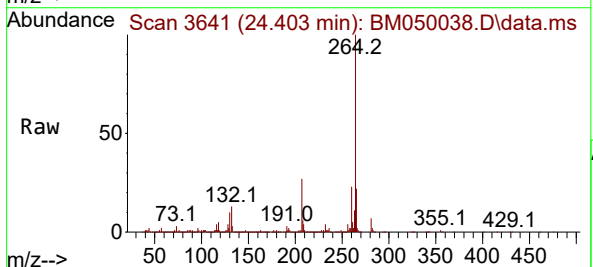
Instrument :
BNA_M
ClientSampleId :
38073-100124

Tgt Ion:244 Resp: 7391887
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050038.D
Acq: 29 Apr 2025 11:39

Tgt Ion:264 Resp: 1117523
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.9 17.0 25.4





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: ALLI03
 Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG No.: Q1870
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
2,4-Dimethylphenol		0.263	0.266	0.289	0.324	0.322	0.297	8.4
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6

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-BM042825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Apr 28 18:09:16 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM050031.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490		3.75
3)	Pyridine	1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258		5.03
4)	n-Nitrosodimet...	0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493		4.62
5) S	2-Fluorophenol	1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142		5.04
6)	Aniline	1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813		6.16
7) S	Phenol-d6	1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436		7.13
8)	2-Chlorophenol	1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235		4.96
9)	Benzaldehyde	0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961		5.08
10) C	Phenol	1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453		5.73
11)	bis(2-Chloroet...	1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213		4.90
12)	1,3-Dichlorobe...	1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492		3.51
13) C	1,4-Dichlorobe...	1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499		3.60
14)	1,2-Dichlorobe...	1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448		3.50
15)	Benzyl Alcohol	0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996		9.16
16)	2,2'-oxybis(1-...	1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475		3.17
17)	2-Methylphenol	0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957		6.96
18)	Hexachloroethane	0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533		3.79
19) P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)	3+4-Methylphenols	1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293		8.09
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497		4.94
23) S	Nitrobenzene-d5	0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406		5.68
24)	Nitrobenzene	0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351		5.16
25)	Isophorone	0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692		4.44
26) C	2-Nitrophenol	0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179		11.33
27)	2,4-Dimethylph...	0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297		8.42
28)	bis(2-Chloroet...	0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428		4.92
29) C	2,4-Dichloroph...	0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333		8.47
30)	1,2,4-Trichlor...	0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406		4.02
31)	Naphthalene	1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013		3.80
32)	Benzoic acid		0.138	0.172	0.197	0.206	0.212	0.215	0.190		15.67
33)	4-Chloroaniline	0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415		7.51
34) C	Hexachlorobuta...	0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258		4.34
35)	Caprolactam	0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097		7.73
36) C	4-Chloro-3-met...	0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308		5.72
37)	2-Methylnaphth...	0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679		4.22
38)	1-Methylnaphth...	0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719		3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042825.M

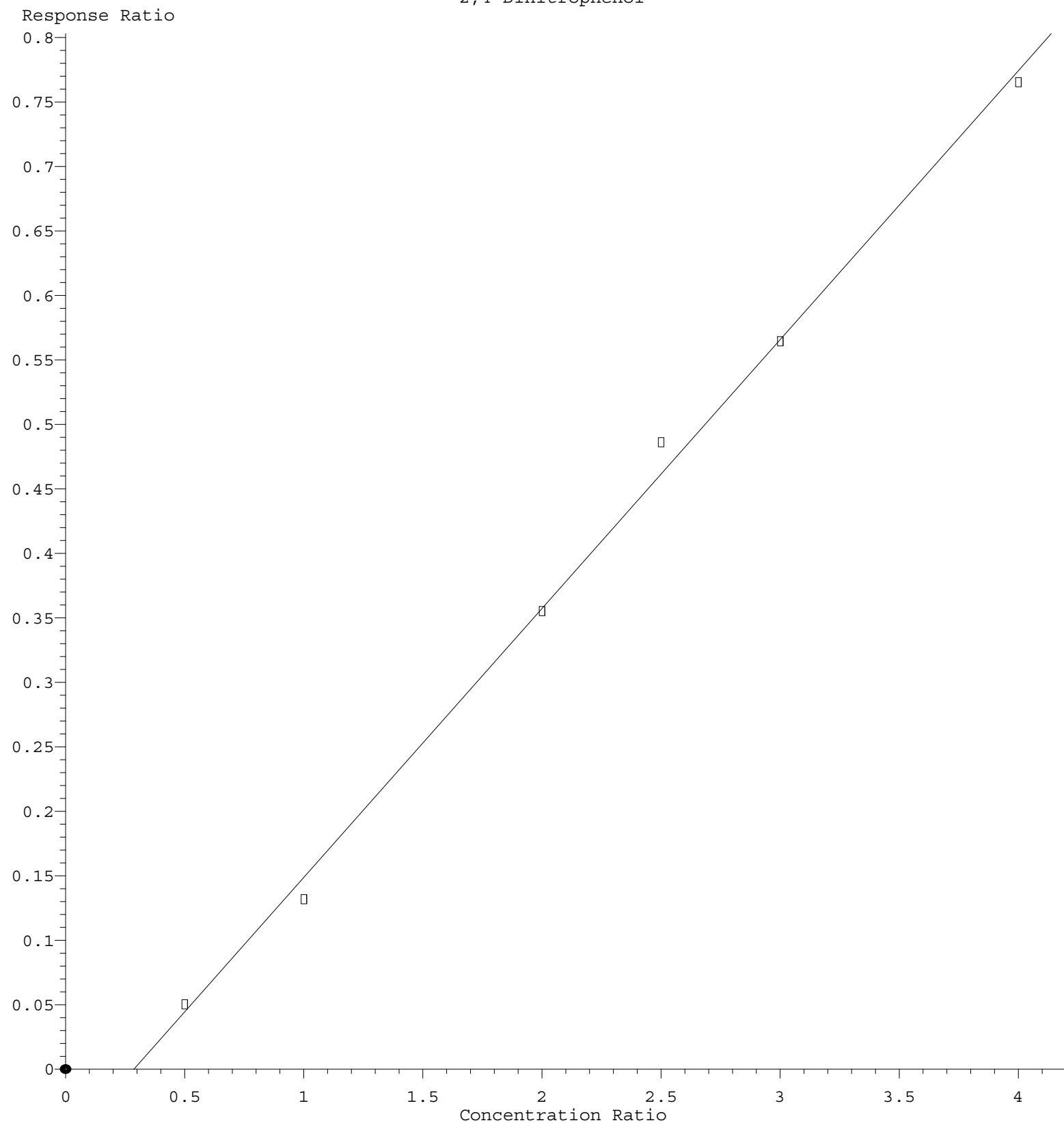
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17	
41) P	Hexachlorocycl...	0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30		
42) S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61	
43) C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76	
44)	2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83	
45) S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21	
46)	1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77	
47)	2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69	
48)	2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96	
49)	Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10	
50)	Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02	
51)	2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50	
52) C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93	
53)	3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47	
54) P	2,4-Dinitrophenol	0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65		
55)	Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17	
56) P	4-Nitrophenol	0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96		
57)	2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72	
58)	Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84	
59)	2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44	
60)	Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86	
61)	4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58	
62)	4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17	
63)	Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16		
66) c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56	
67)	4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60	
68)	Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49	
69)	Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47	
70) C	Pentachlorophenol	0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52		
71)	Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84	
72)	Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78	
73)	Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05	
74)	Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25	
75) C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36		
78)	Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83	
79) S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58	
80)	Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53	
81)	Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24	
82)	3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14	
83)	Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03	
84)	Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61	
85) c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27	
88)	Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16	
89)	Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29	
90) C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15	
91)	Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72	
92)	Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07	

(#) = Out of Range

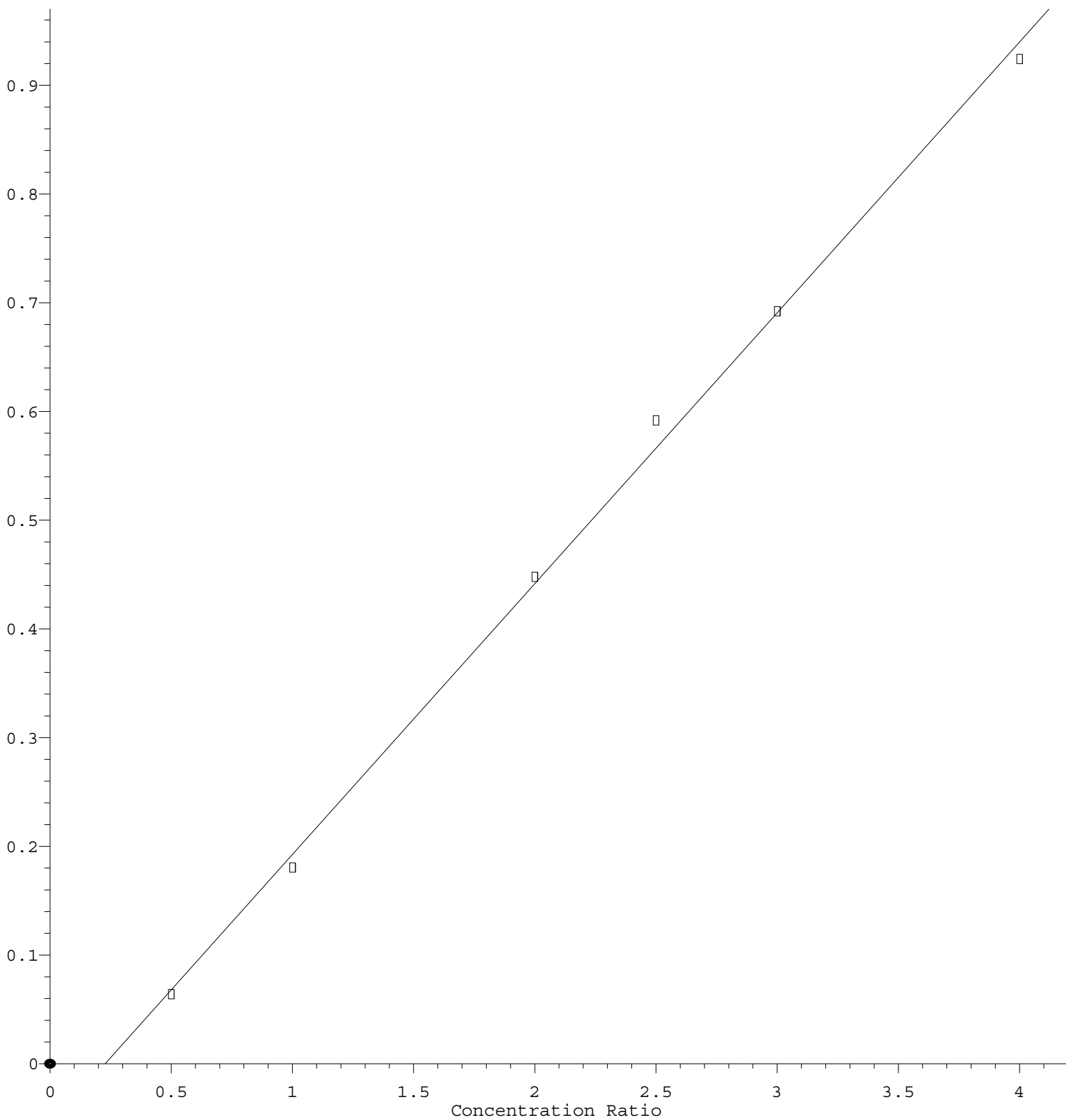
2,4-Dinitrophenol



Response = 2.086e-001 * Amt - 5.991e-002
 Coef of Det (r^2) = 0.997215 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M
 Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 2.492\text{e-}001 * \text{Amt} - 5.648\text{e-}002$$

Coef of Det (r^2) = 0.997878 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M

Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

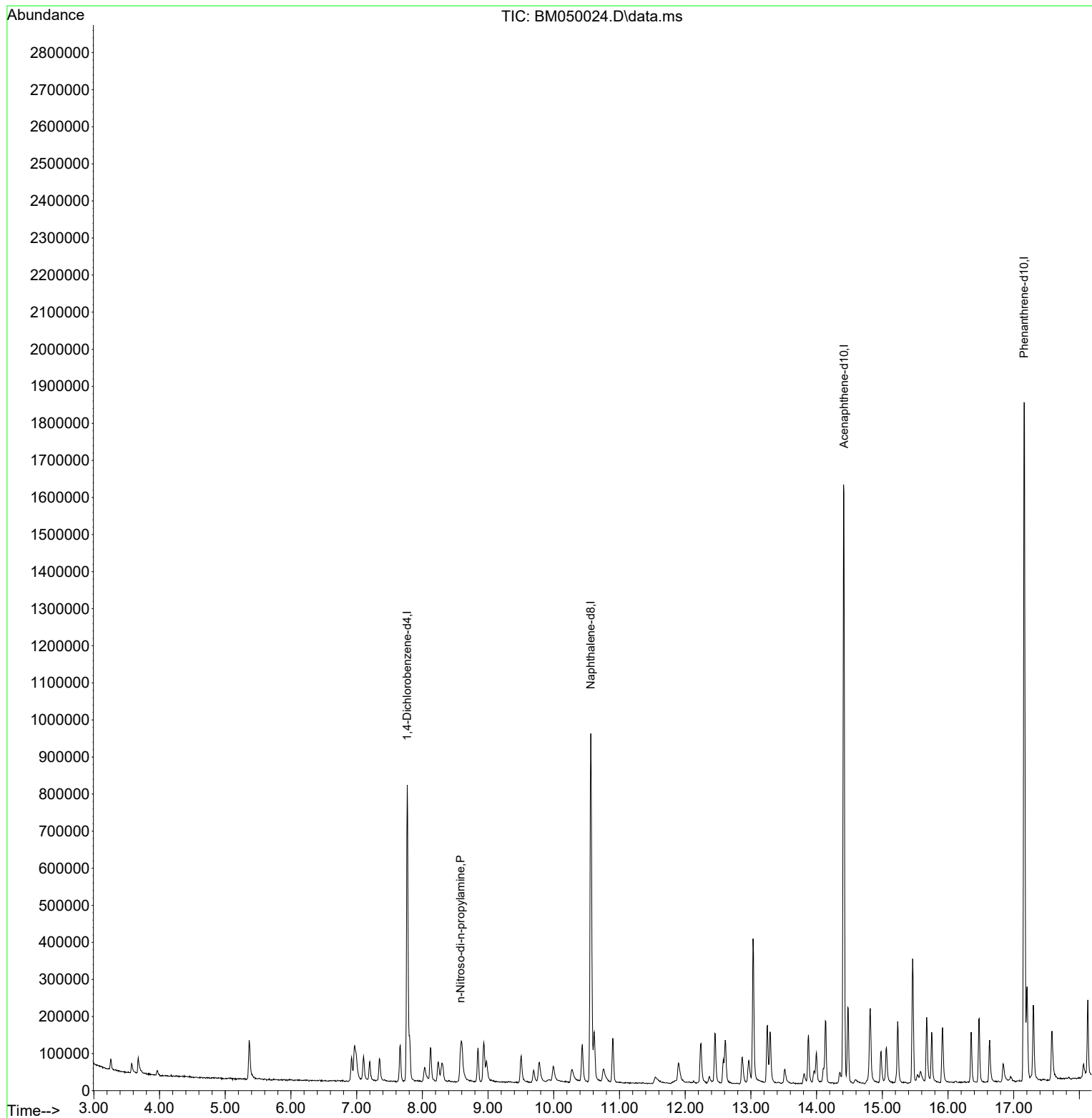
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.581	70	24247	2.177	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

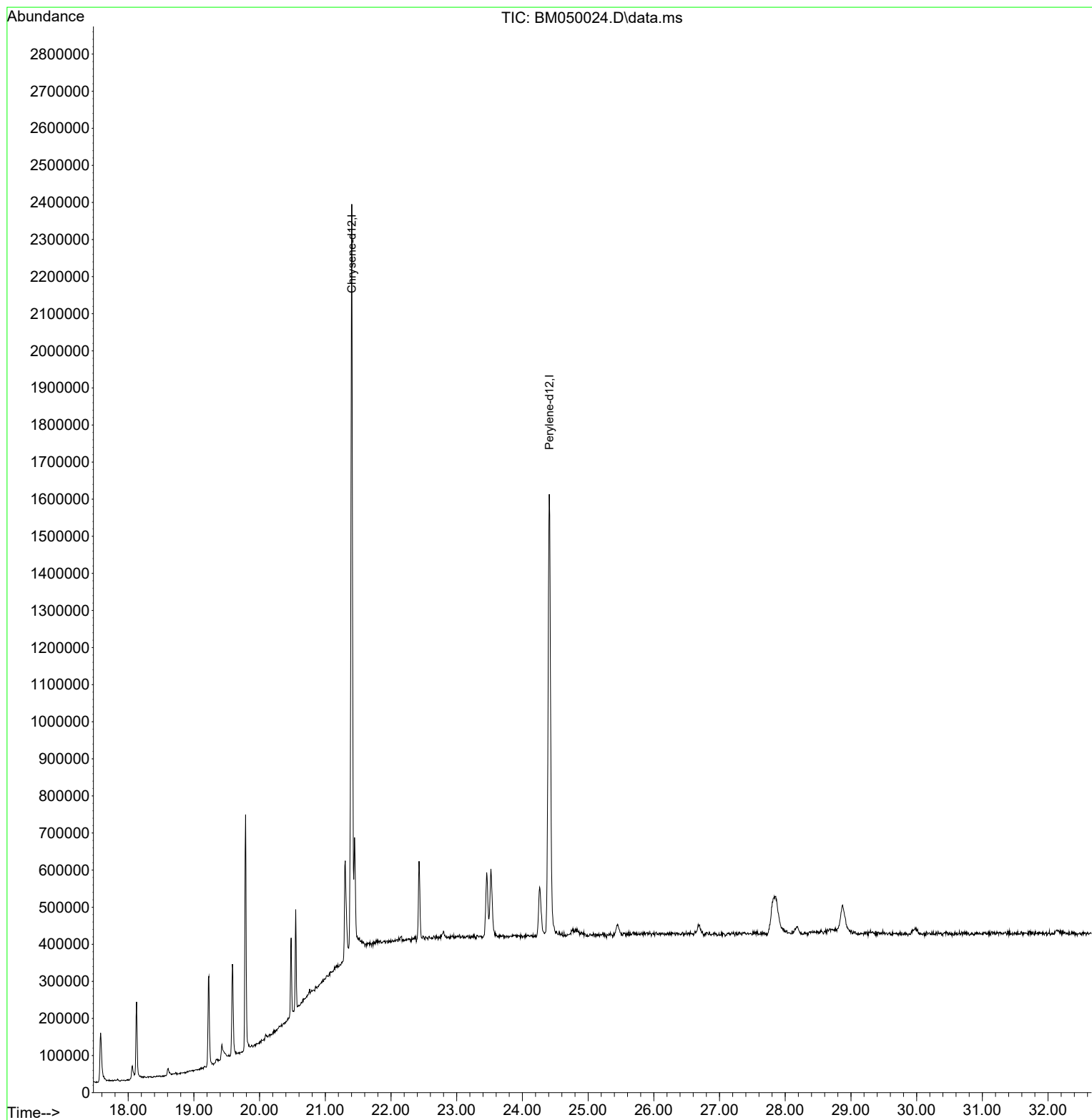
Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

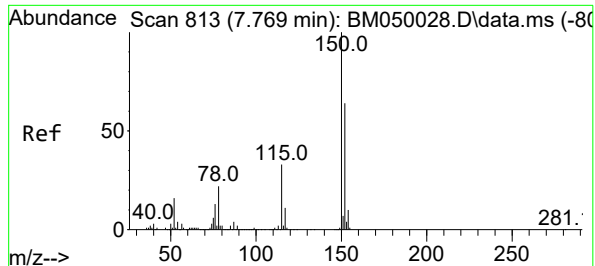


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

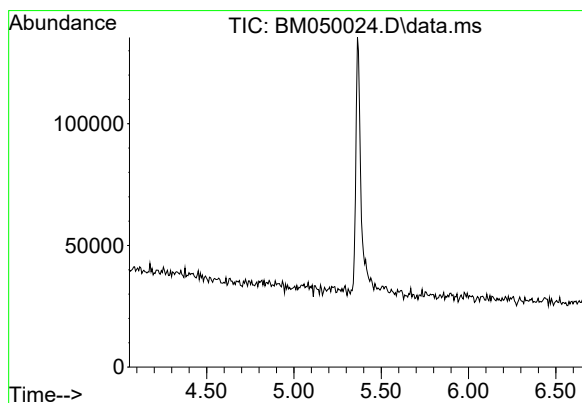
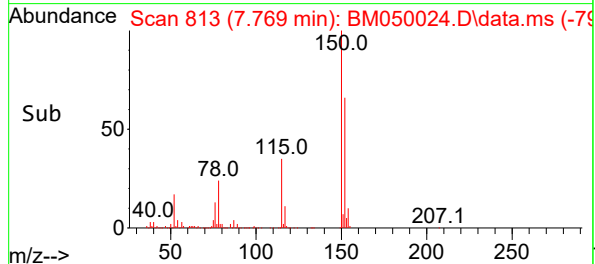
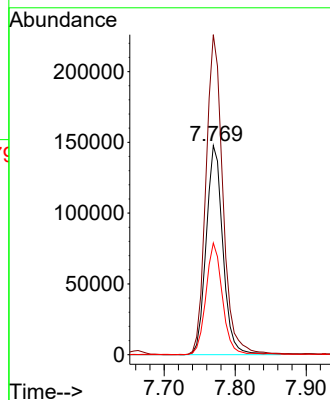
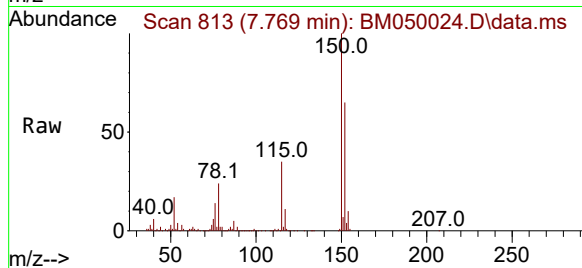




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

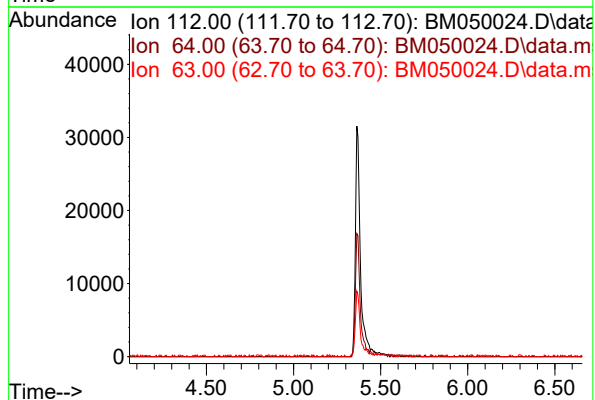
Tgt Ion:152 Resp: 241974
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 53.4 41.2 61.8

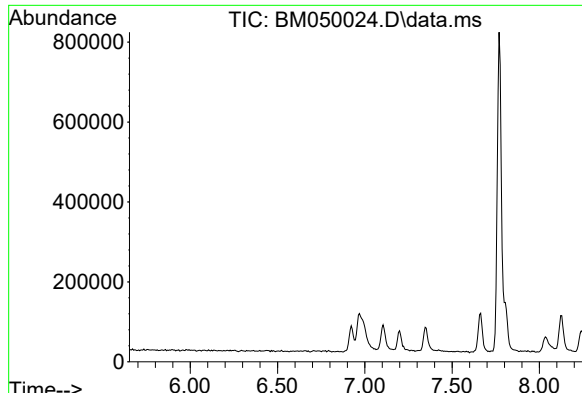


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 112
Sig Exp Ratio
112 100
64 53.3
63 27.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

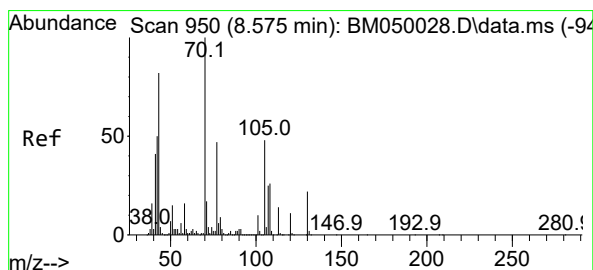
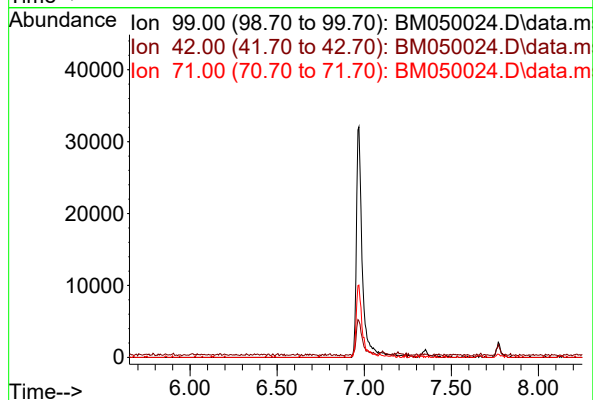
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.2

71 32.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.177 ng

RT: 8.581 min Scan# 951

Delta R.T. 0.006 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

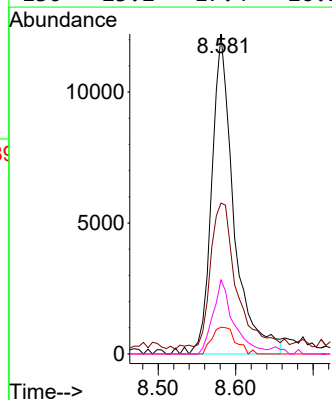
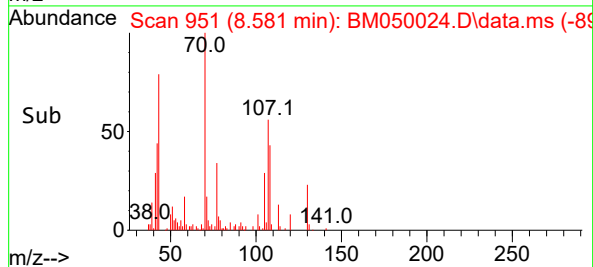
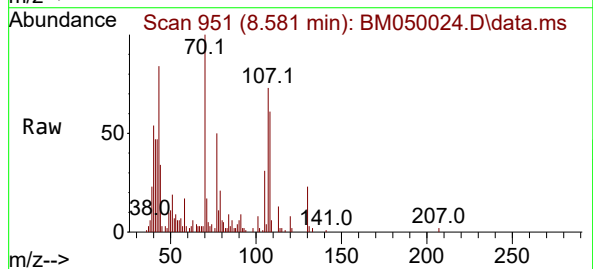
Ion Ratio Lower Upper

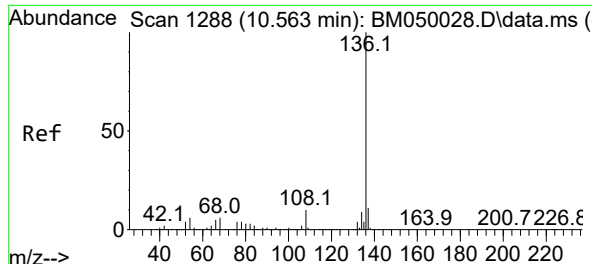
70 100

42 47.1 40.5 60.7

101 8.4 7.8 11.6

130 23.2 17.4 26.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050024.D

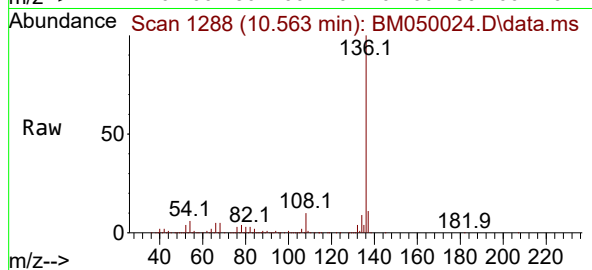
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 868675

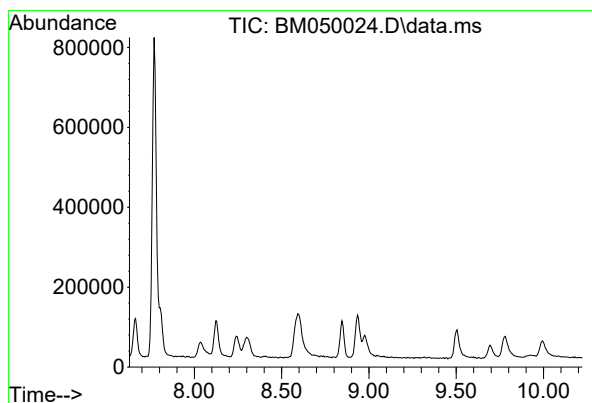
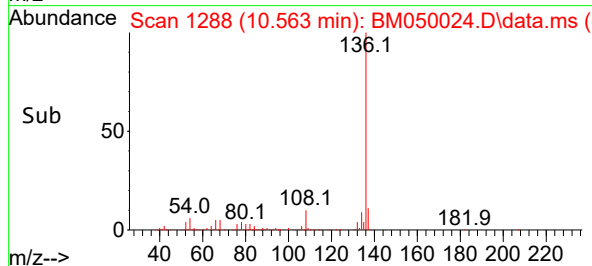
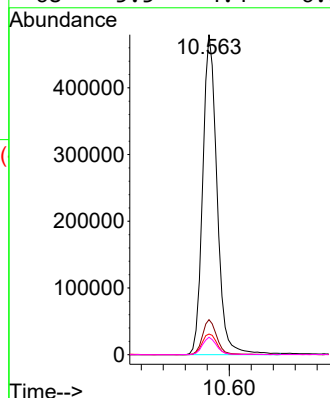
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.93 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

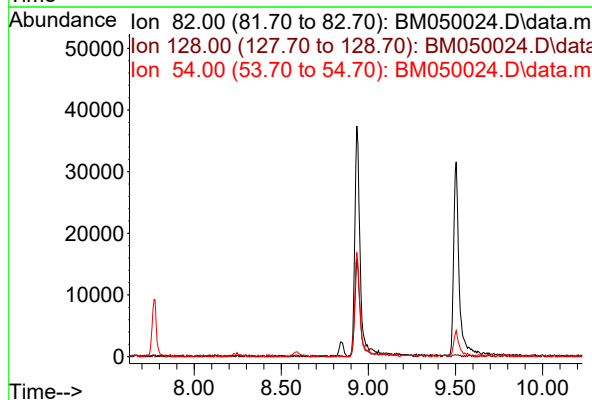
Tgt Ion: 82

Sig Exp Ratio

82 100

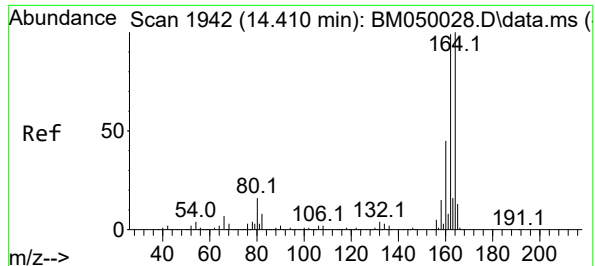
128 44.6

54 44.3



Ion 128.00 (127.70 to 128.70): BM050024.D\data.ms

Ion 54.00 (53.70 to 54.70): BM050024.D\data.ms



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM050024.D

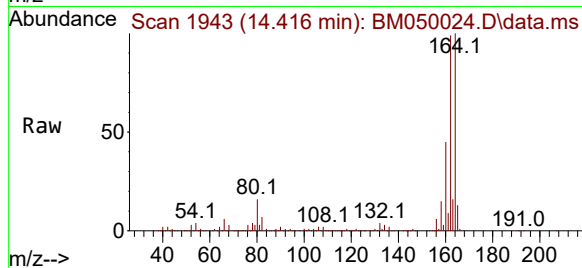
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

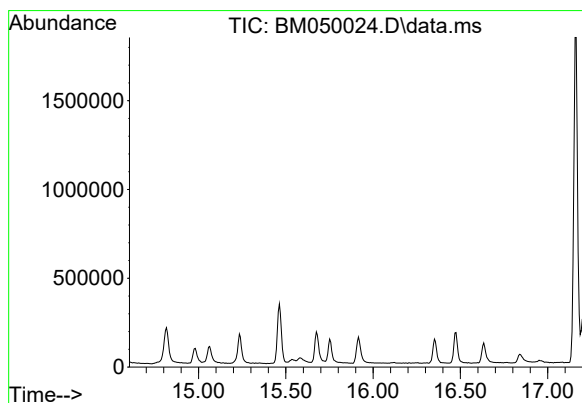
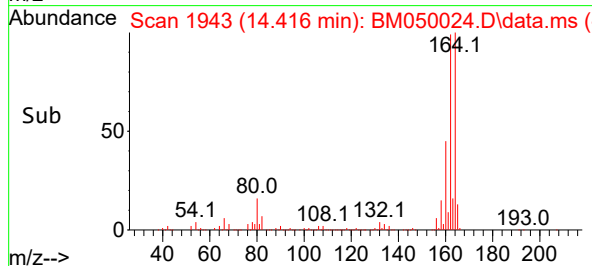
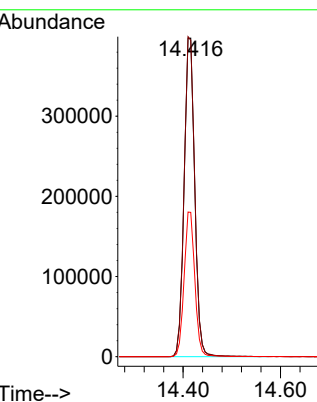
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 604723

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.3	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

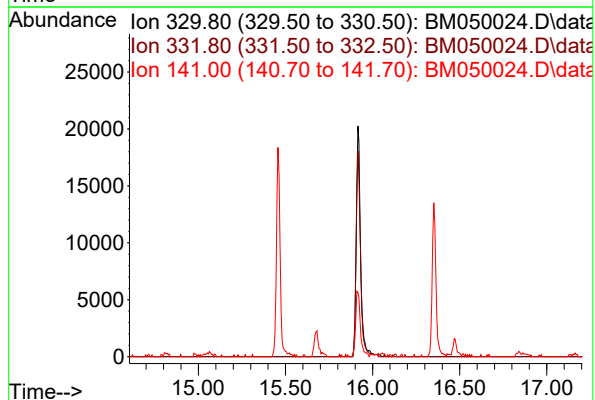
Expected RT: 15.90 min

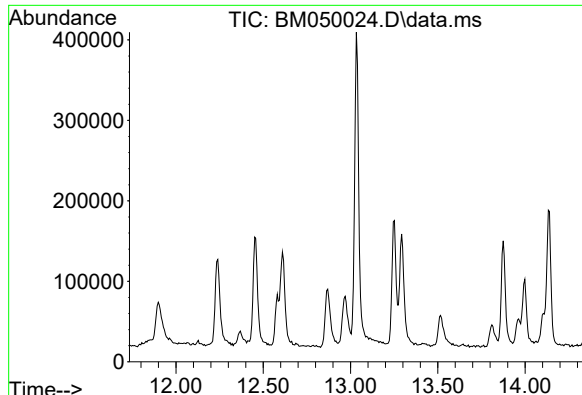
Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	28.1

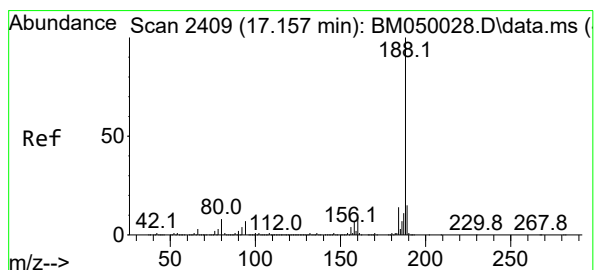
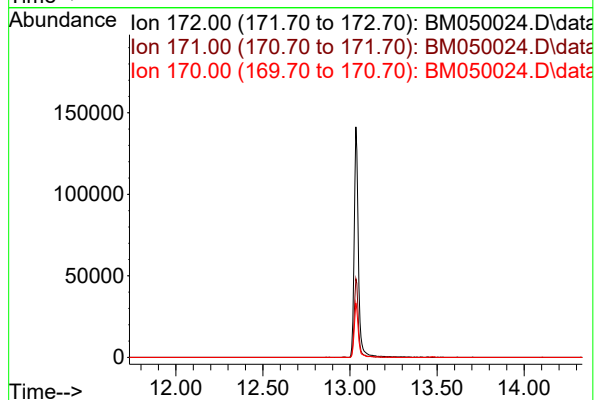




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

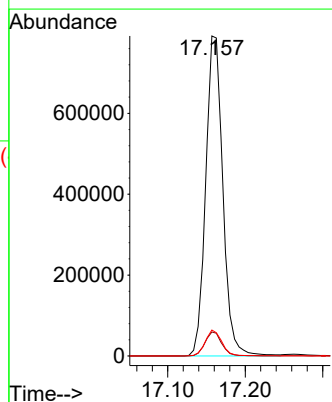
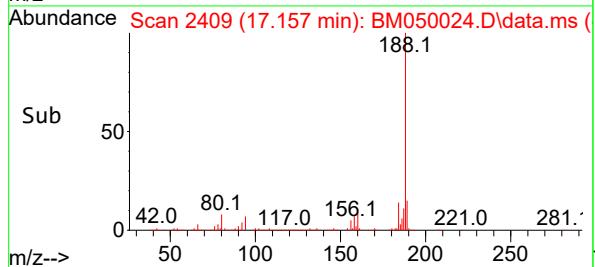
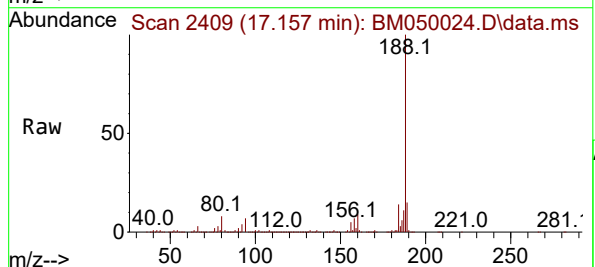
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

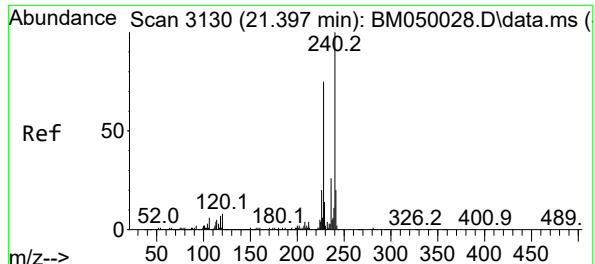
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion:188 Resp: 1218544
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.1 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 31

Delta R.T. 0.007 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

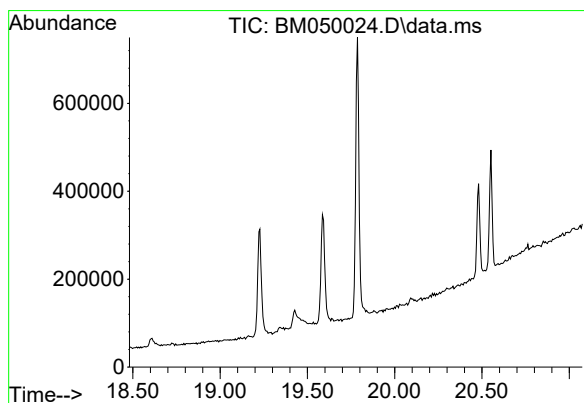
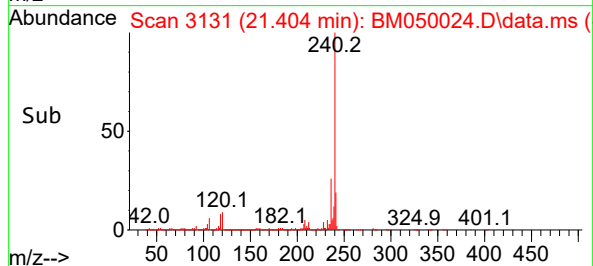
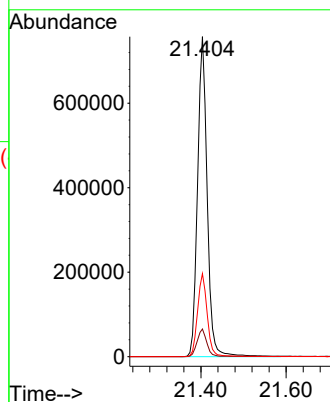
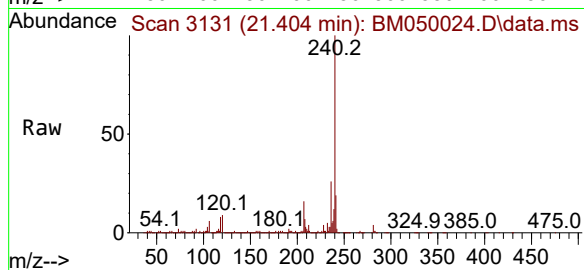
Tgt Ion:240 Resp: 1187007

Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.78 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

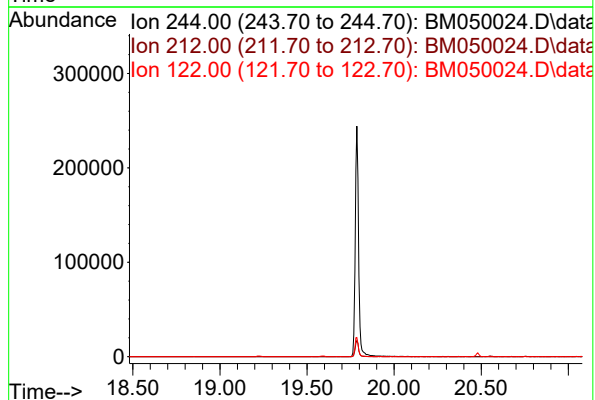
Tgt Ion: 244

Sig Exp Ratio

244 100

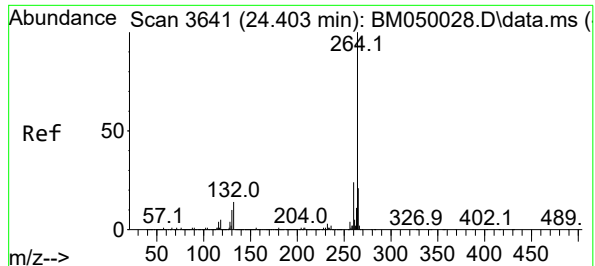
212 7.0

122 7.0



Ion 212.00 (211.70 to 212.70): BM050024.D\data.ms

Ion 122.00 (121.70 to 122.70): BM050024.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM050024.D

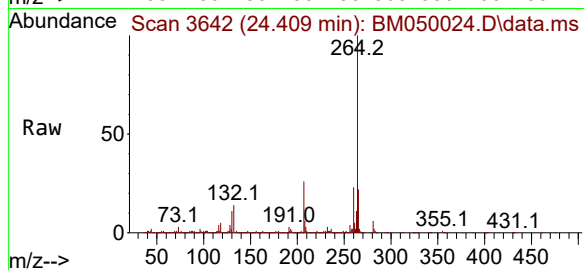
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



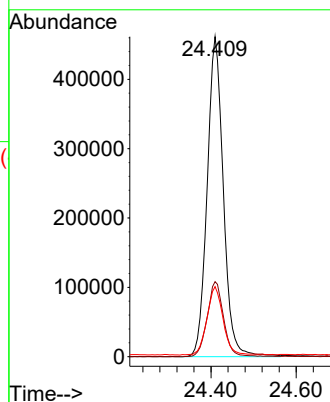
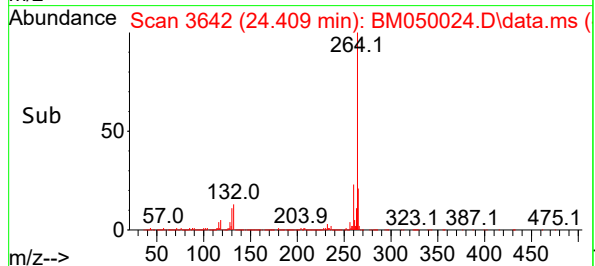
Tgt Ion:264 Resp: 1217038

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng	0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	119473	9.406	ng	0.00
7) Phenol-d6	6.957	99	143453	8.985	ng	0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng	0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng	98
3) Pyridine	3.669	79	66766	4.771	ng	98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	# 92
6) Aniline	7.098	93	92126	4.570	ng	97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng	99
9) Benzaldehyde	6.916	77	52286m	4.900	ng	
10) Phenol	6.987	94	75011	4.641	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng	98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng	98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng	97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng	99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng	93
17) 2-Methylphenol	8.234	107	47632	4.474	ng	99
18) Hexachloroethane	8.845	117	30717	5.185	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng	98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	# 91
22) Acetophenone	8.598	105	98358	4.852	ng	98
24) Nitrobenzene	8.975	77	68598	4.795	ng	94
25) Isophorone	9.498	82	135828	4.816	ng	98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng	95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng	99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng	97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng	97
31) Naphthalene	10.616	128	204133	4.944	ng	98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng	97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng	98
35) Caprolactam	11.522	113	18349m	4.634	ng	
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng	97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng	97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng	96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng	98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

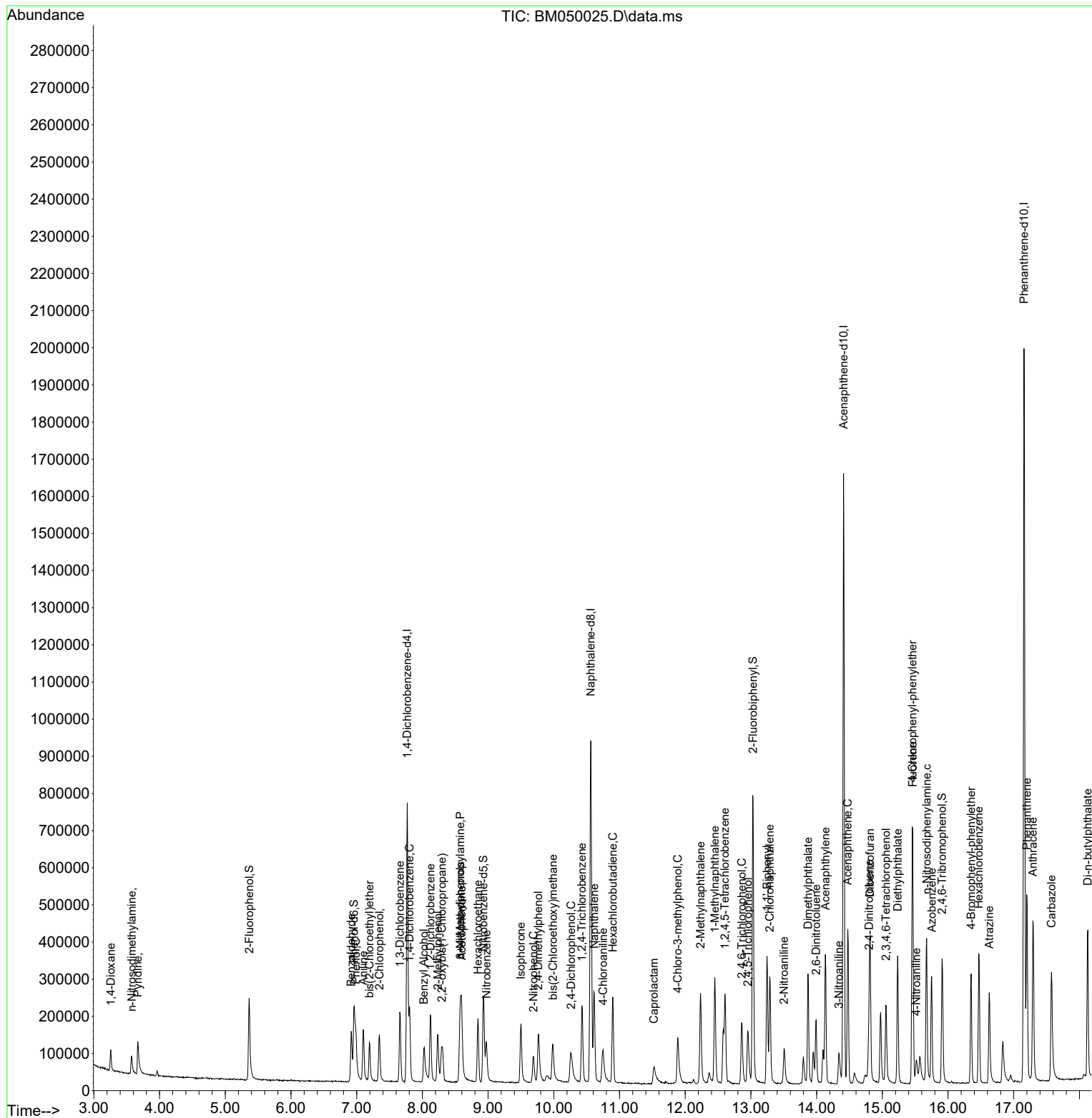
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng	98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng	91
49) Acenaphthylene	14.133	152	259406	4.832	ng	100
50) Dimethylphthalate	13.869	163	208800	4.941	ng	100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng	94
52) Acenaphthene	14.474	154	150042	4.829	ng	99
53) 3-Nitroaniline	14.339	138	33713	4.036	ng	# 94
55) Dibenzofuran	14.816	168	252898	4.892	ng	99
57) 2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	# 87
58) Fluorene	15.463	166	200542	4.739	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng	97
60) Diethylphthalate	15.233	149	198362	4.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng	94
62) 4-Nitroaniline	15.515	138	30138m	3.737	ng	
63) Azobenzene	15.751	77	161662	4.844	ng	98
66) n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng	97
67) 4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng	95
68) Hexachlorobenzene	16.468	284	78506	4.759	ng	99
69) Atrazine	16.627	200	58110	4.433	ng	99
71) Phenanthrene	17.198	178	317954	4.764	ng	99
72) Anthracene	17.292	178	314149	4.651	ng	99
73) Carbazole	17.574	167	268774	4.586	ng	99
74) Di-n-butylphthalate	18.127	149	327178	4.688	ng	100
75) Fluoranthene	19.221	202	348593	4.449	ng	99
78) Pyrene	19.586	202	366473	4.593	ng	99
80) Butylbenzylphthalate	20.480	149	138827	4.646	ng	97
81) Benzo(a)anthracene	21.380	228	363641	4.648	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	# 95
83) Chrysene	21.445	228	343085	4.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng	96
85) Di-n-octyl phthalate	22.427	149	346799	4.711	ng	98
87) Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	# 87
88) Benzo(b)fluoranthene	23.456	252	324395	4.338	ng	99
89) Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng	
90) Benzo(a)pyrene	24.262	252	314608	4.492	ng	98
91) Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng	98
92) Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng	98

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



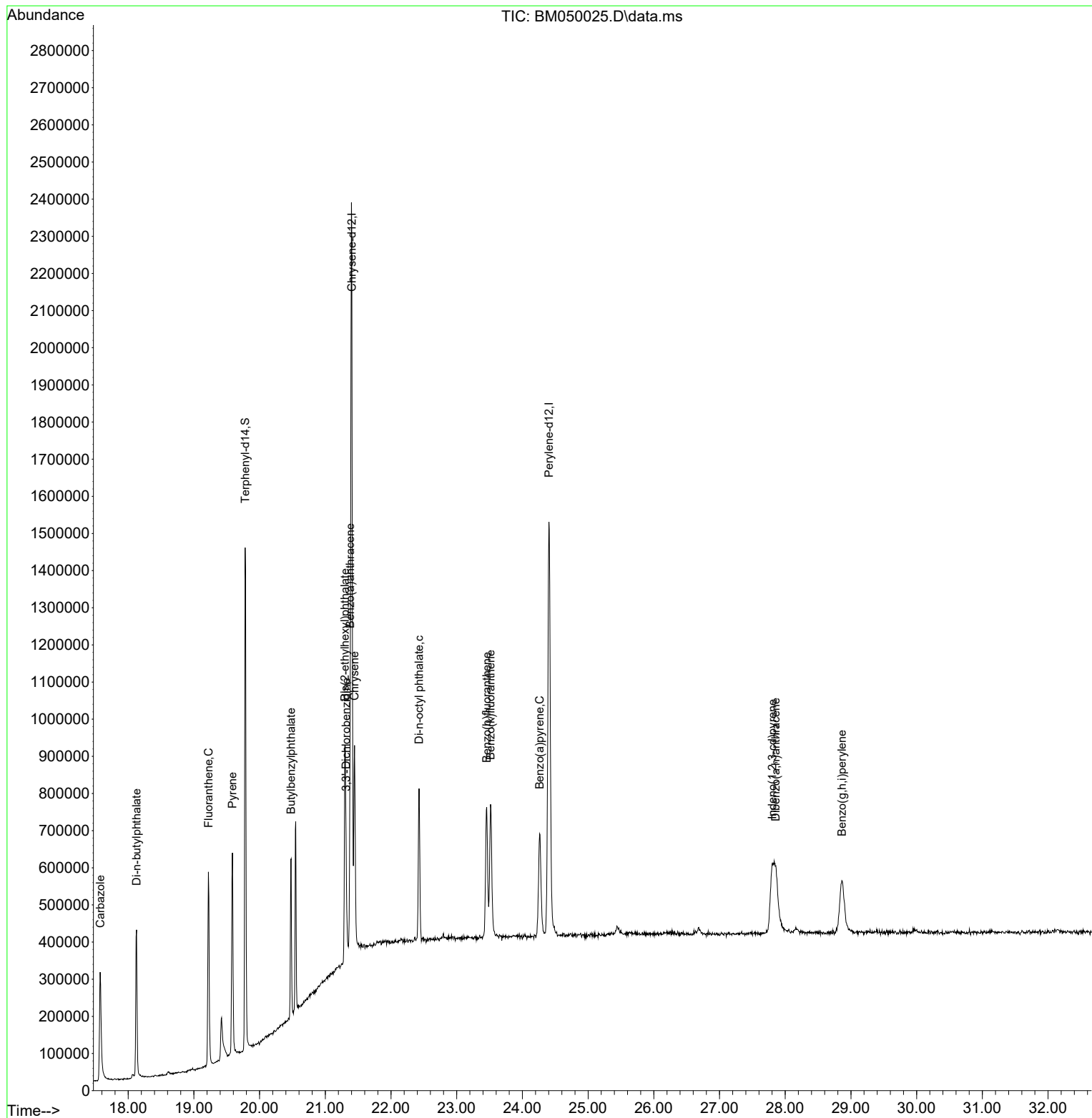
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Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

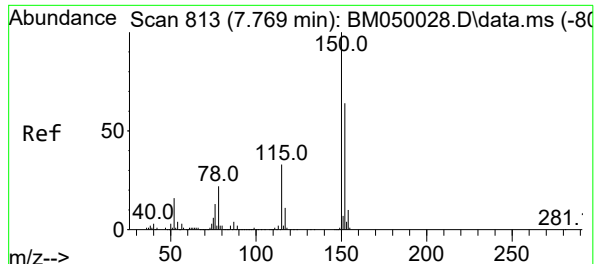
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

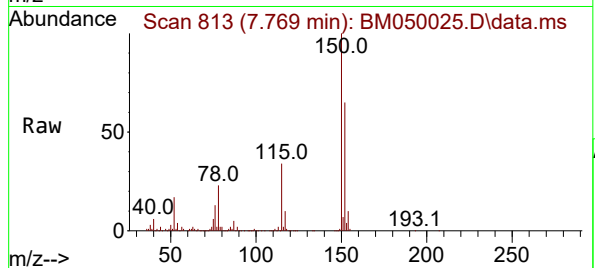
Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

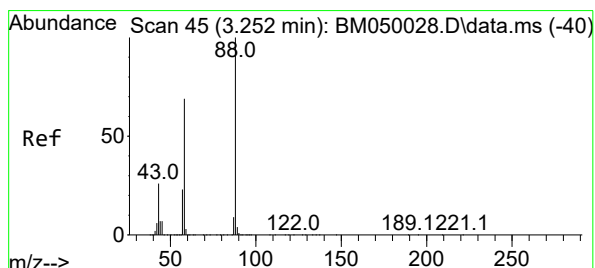
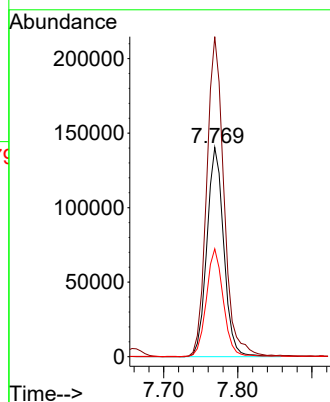
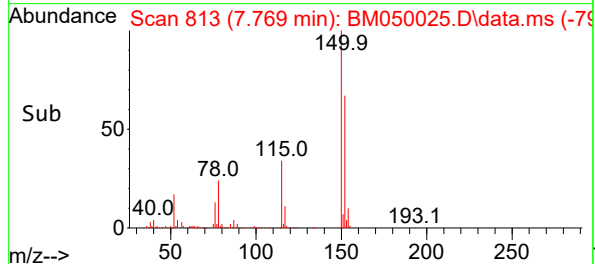
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 22242
Ion Ratio Lower Upper
152 100
150 152.9 124.1 186.1
115 51.5 41.2 61.8

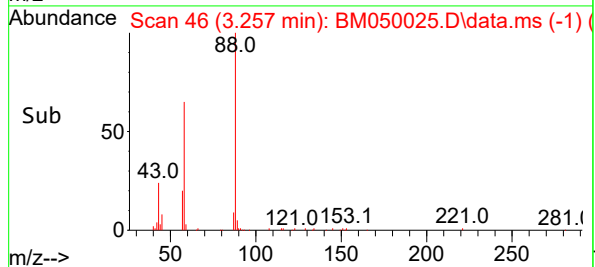
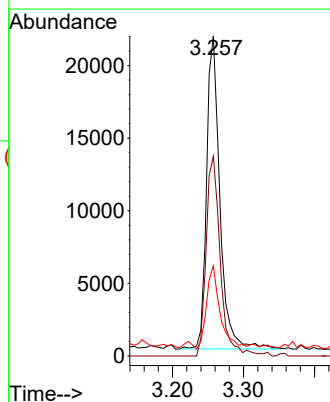
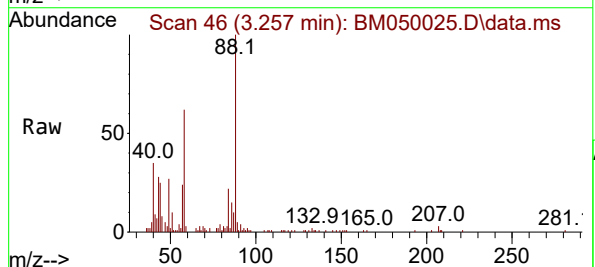
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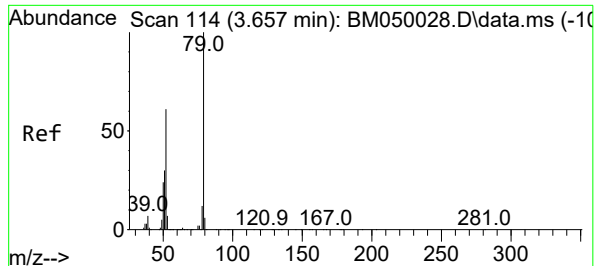
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 5.171 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

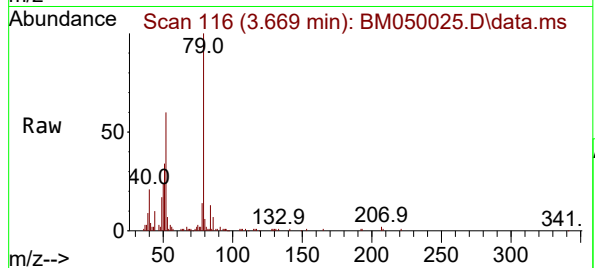
Tgt Ion: 88 Resp: 28163
Ion Ratio Lower Upper
88 100
58 67.8 55.1 82.7
43 27.3 20.9 31.3





#3
Pyridine
Concen: 4.771 ng
RT: 3.669 min Scan# 114
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

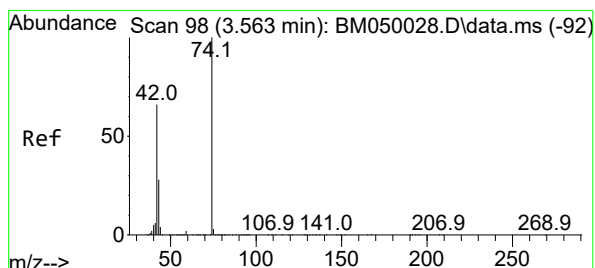
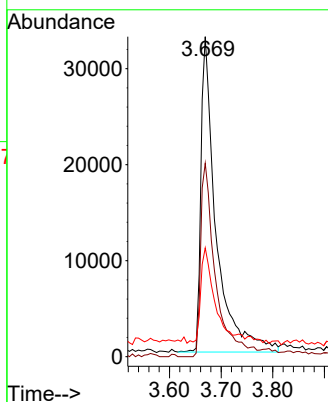
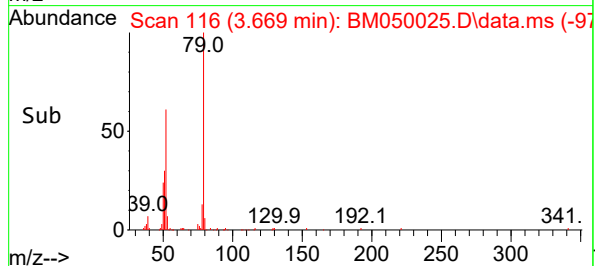
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 66760
Ion Ratio Lower Upper
79 100
52 60.5 48.6 72.8
51 34.0 24.6 37.0

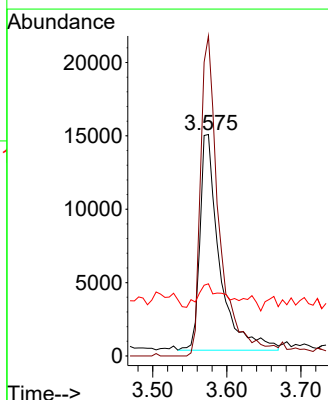
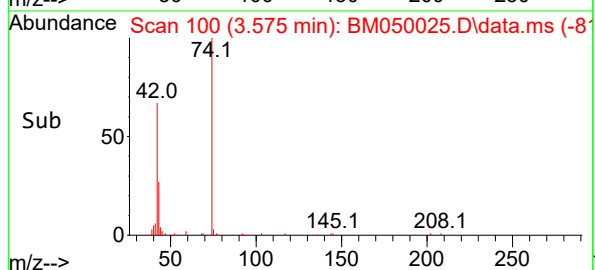
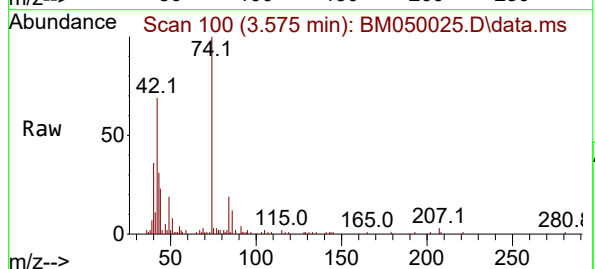
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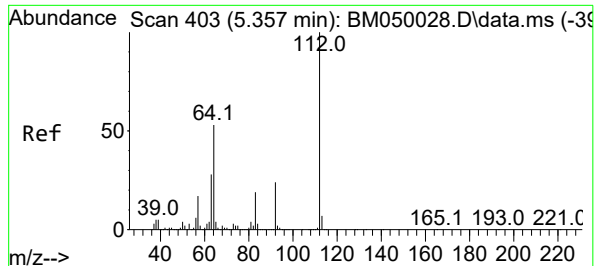
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 42 Resp: 27060
Ion Ratio Lower Upper
42 100
74 144.5 120.2 180.2
44 32.5 6.2 9.2#





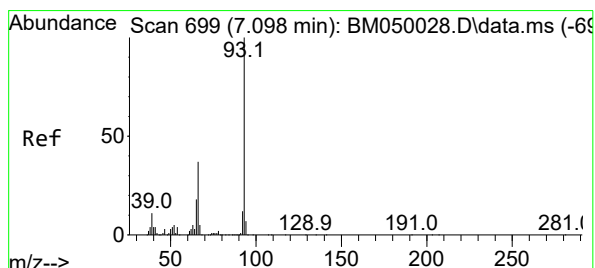
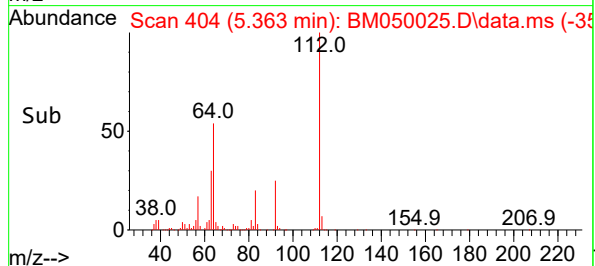
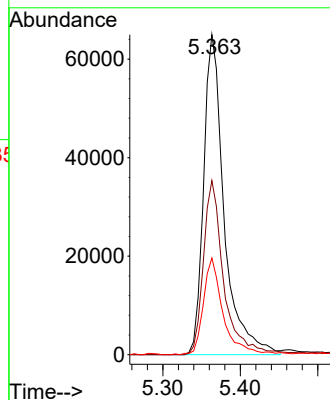
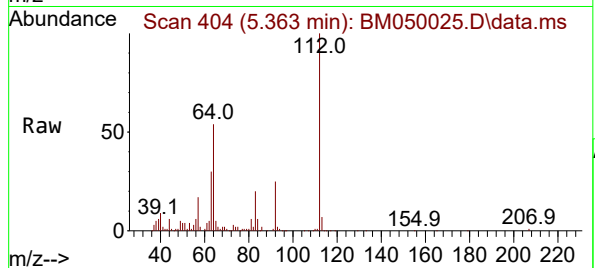
#5
2-Fluorophenol
Concen: 9.406 ng
RT: 5.363 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 112 Resp: 11947
Ion Ratio Lower Upper
112 100
64 54.4 42.6 64.0
63 30.2 22.2 33.4

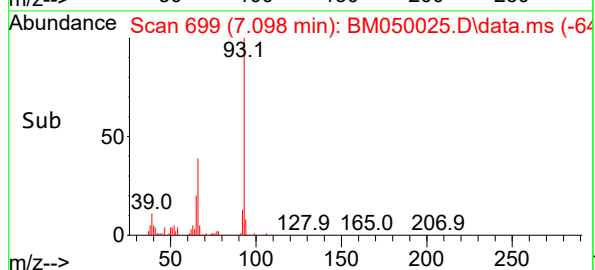
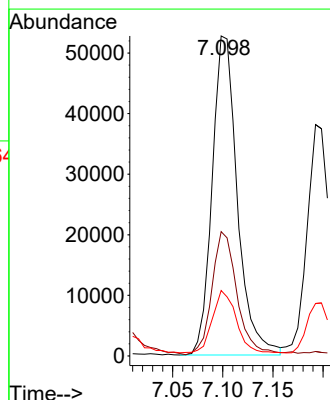
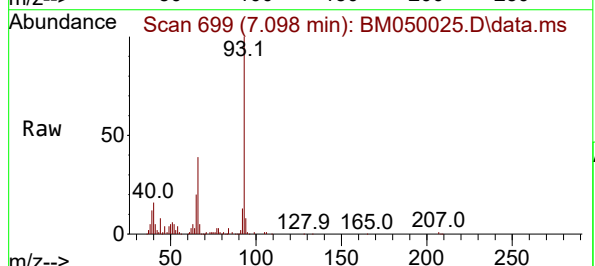
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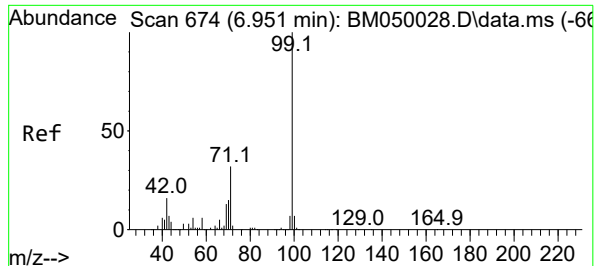
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#6
Aniline
Concen: 4.570 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 92126
Ion Ratio Lower Upper
93 100
66 38.9 29.9 44.9
65 20.5 14.5 21.7





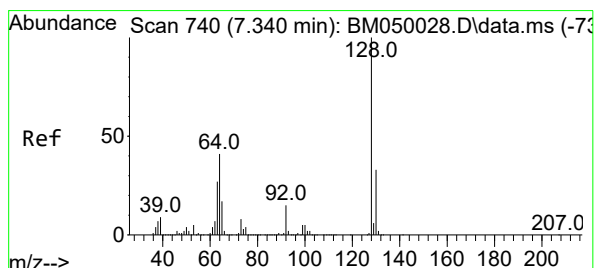
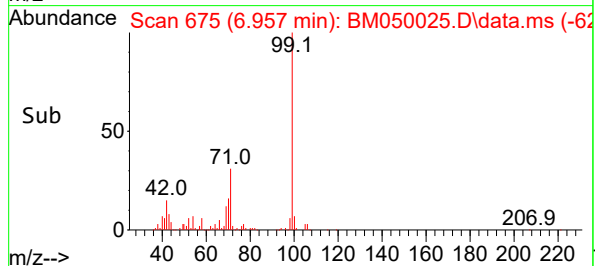
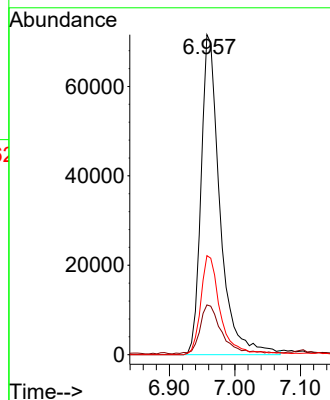
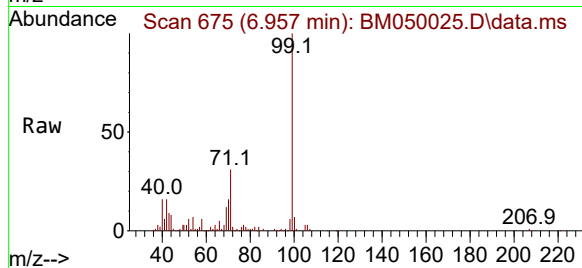
#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 14345
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 30.9 25.6 38.4

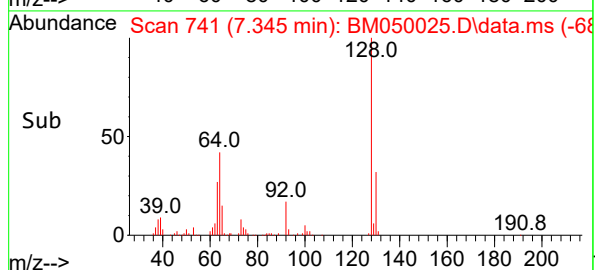
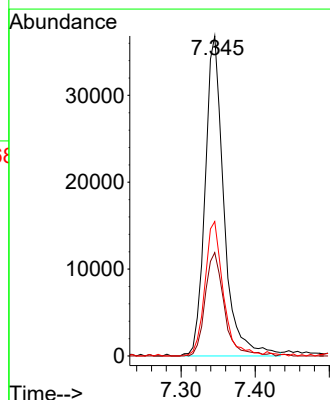
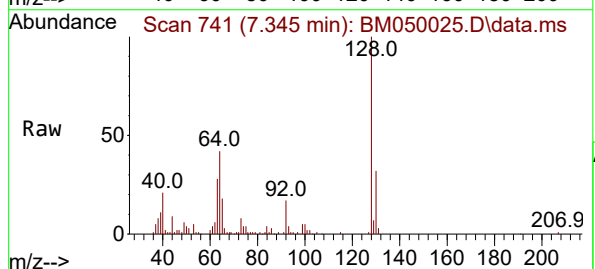
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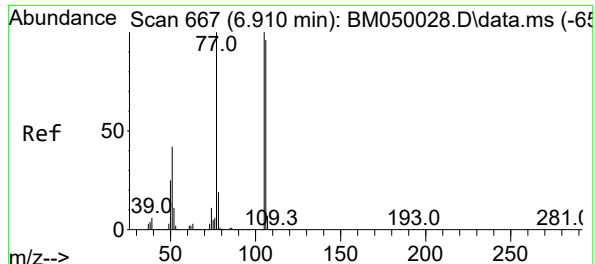
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 4.733 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 64999
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 42.0 21.2 61.2





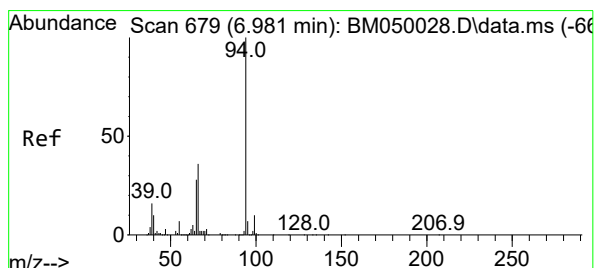
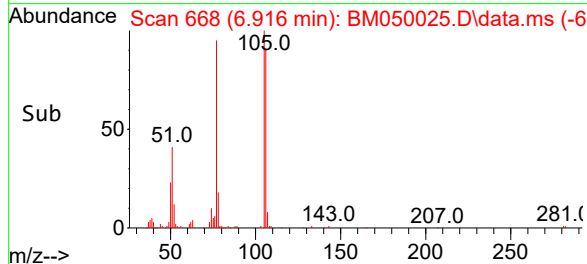
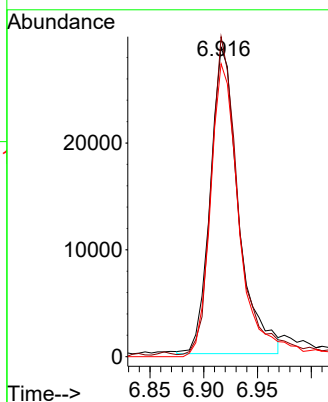
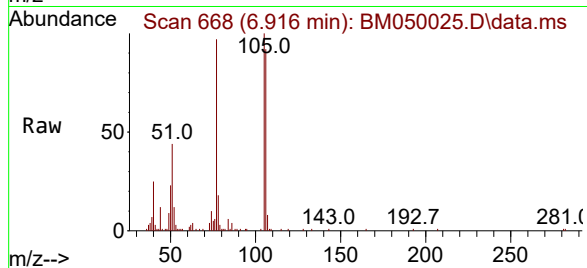
#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 52280
Ion Ratio Lower Upper
77 100
105 103.4 80.5 120.5
106 94.6 76.1 116.1

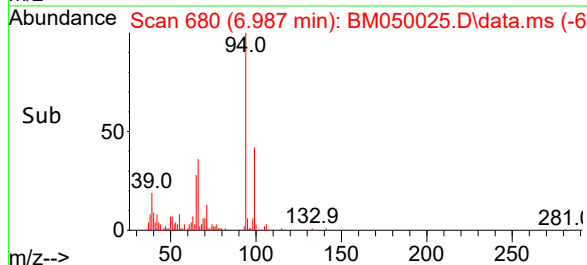
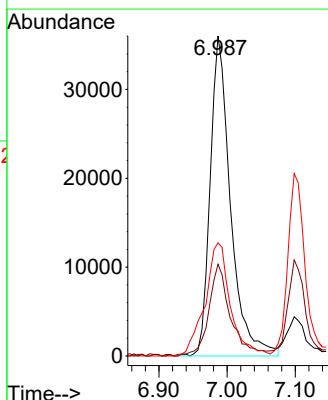
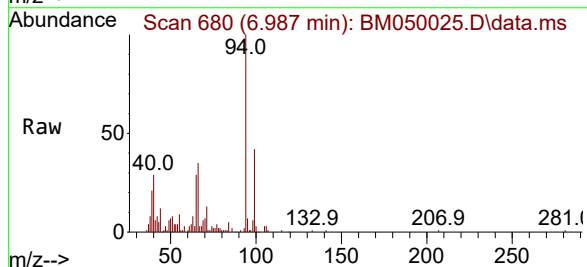
Manual Integrations
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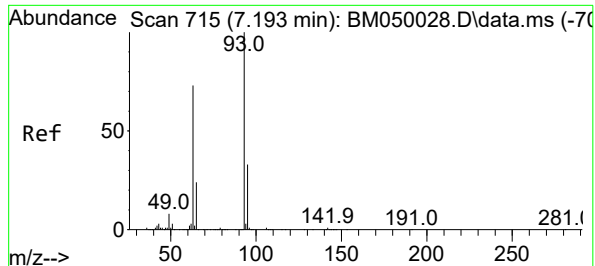
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 4.641 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 94 Resp: 75011
Ion Ratio Lower Upper
94 100
65 28.6 7.6 47.6
66 35.3 15.8 55.8





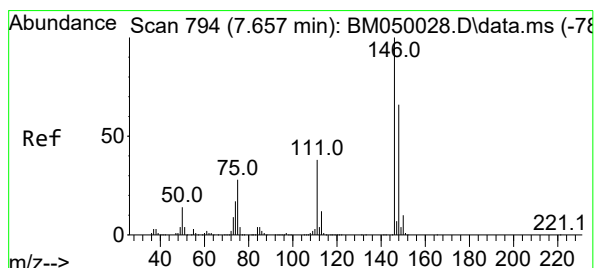
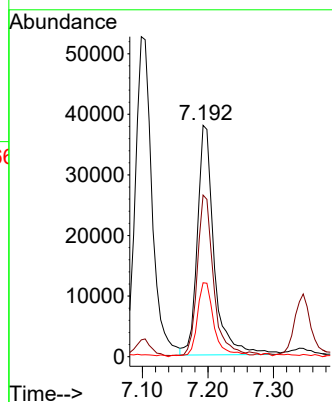
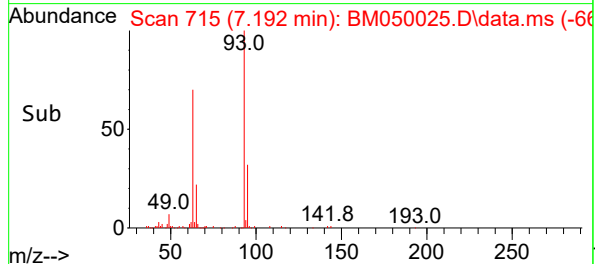
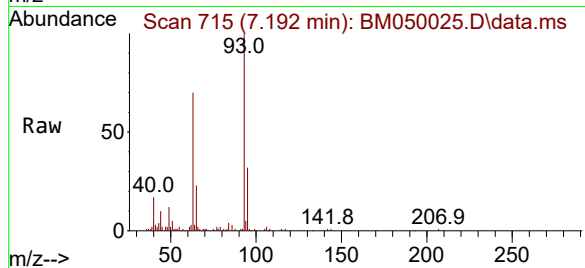
#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 6744
Ion Ratio Lower Upper
93 100
63 69.8 52.3 92.3
95 32.0 12.8 52.8

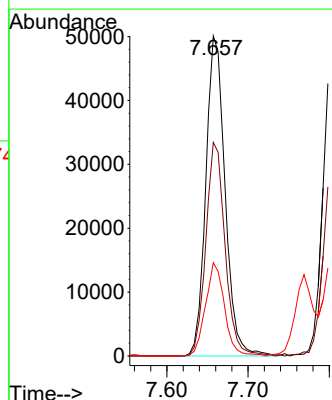
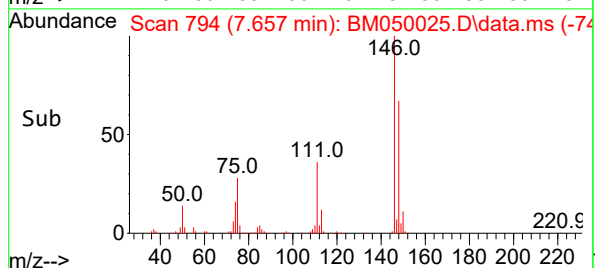
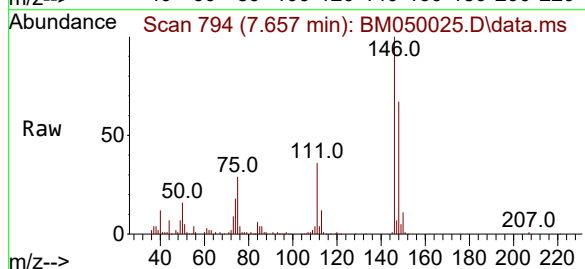
Manual Integrations
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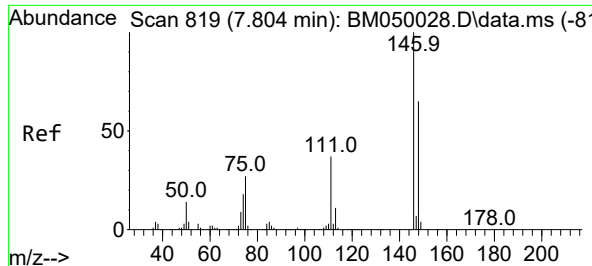
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 4.971 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 82466
Ion Ratio Lower Upper
146 100
148 66.8 52.5 78.7
75 29.2 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 5.064 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

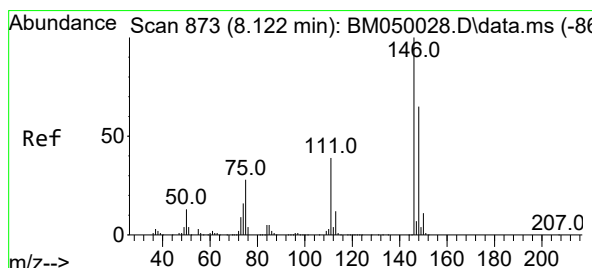
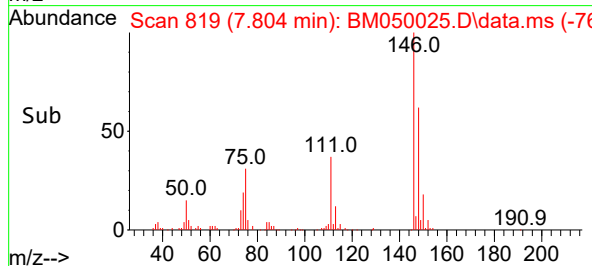
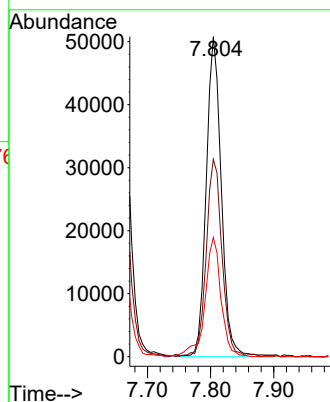
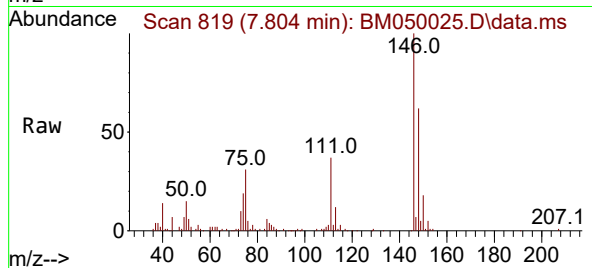
Tgt Ion	146	Resp	84400
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 4.905 ng

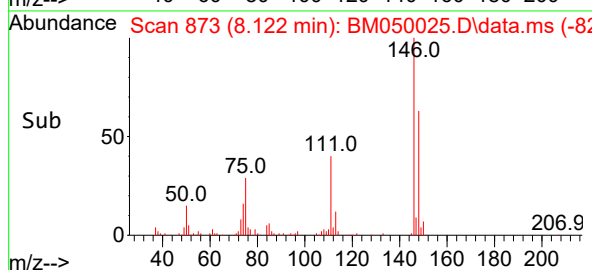
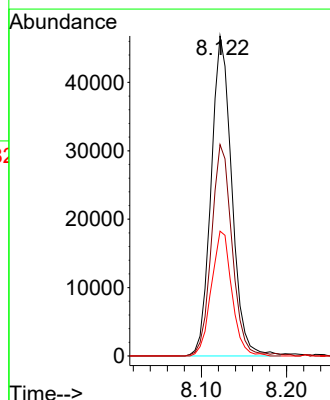
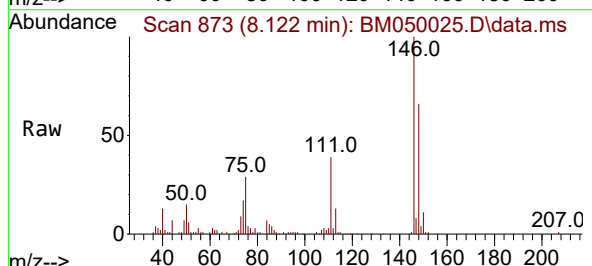
RT: 8.122 min Scan# 873

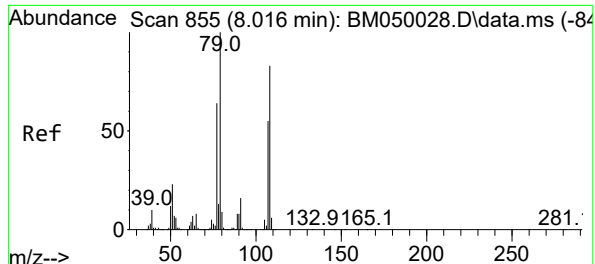
Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

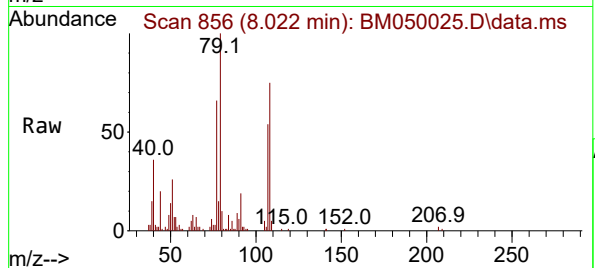
Tgt Ion	146	Resp	78966
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.4	78.6
111	39.0	31.0	46.6





#15
Benzyl Alcohol
Concen: 4.352 ng
RT: 8.022 min Scan# 855
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

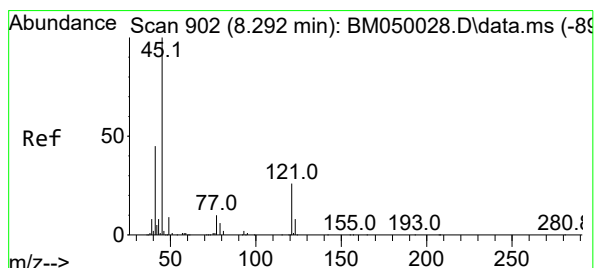
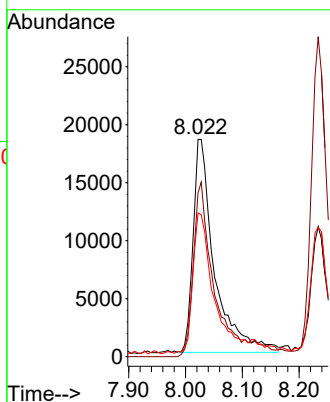
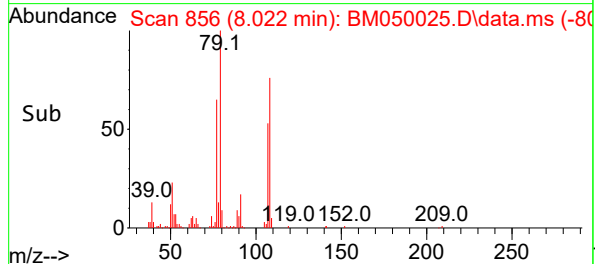
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 48180
Ion Ratio Lower Upper
79 100
108 75.4 66.0 99.0
77 66.1 51.6 77.4

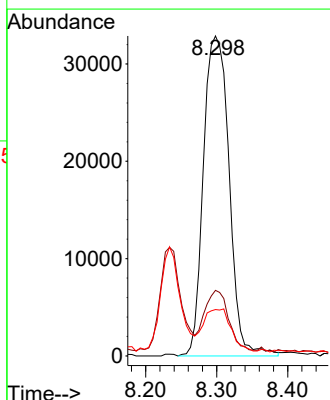
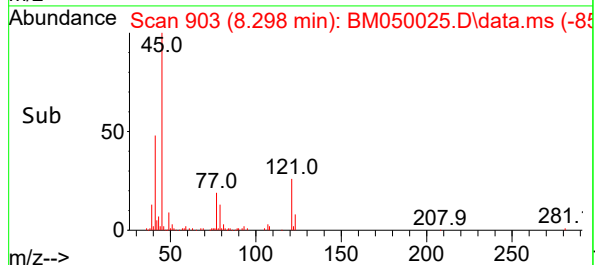
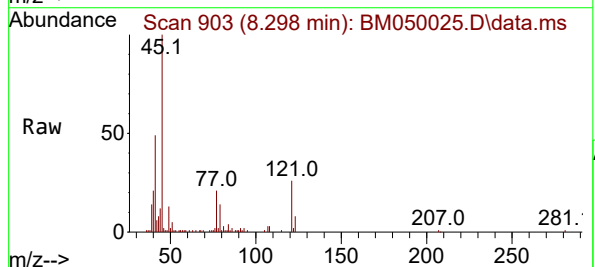
Manual Integrations
APPROVED

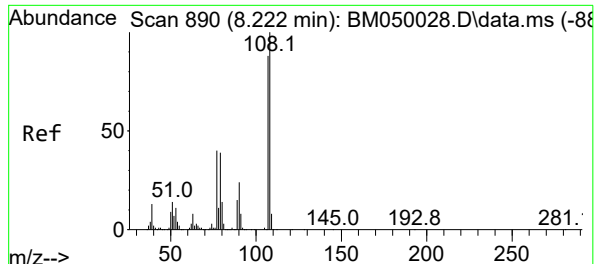
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.042 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 45 Resp: 82711
Ion Ratio Lower Upper
45 100
77 20.5 0.0 36.4
79 14.5 0.0 32.7





#17

2-Methylphenol

Concen: 4.474 ng

RT: 8.234 min Scan# 890

Delta R.T. 0.012 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 4763

Ion Ratio Lower Upper

107 100

108 112.6 91.1 136.7

77 45.6 36.2 54.4

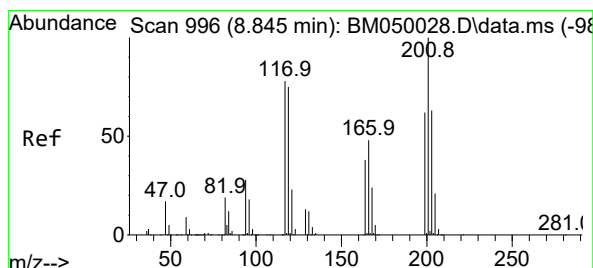
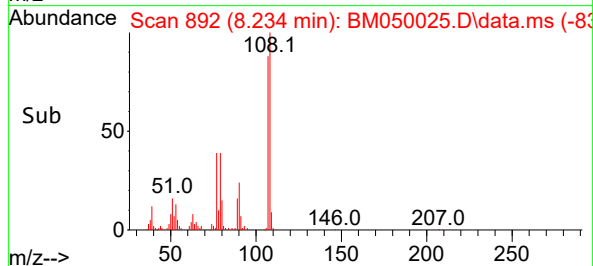
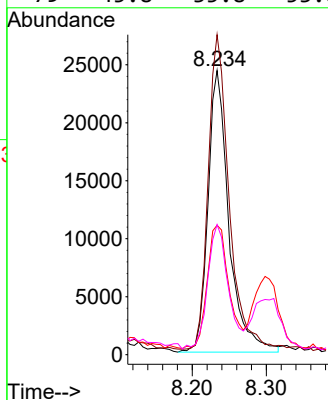
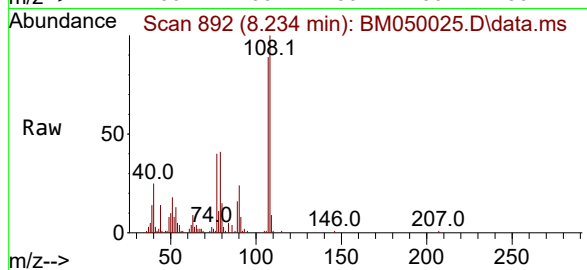
79 45.8 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 5.185 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

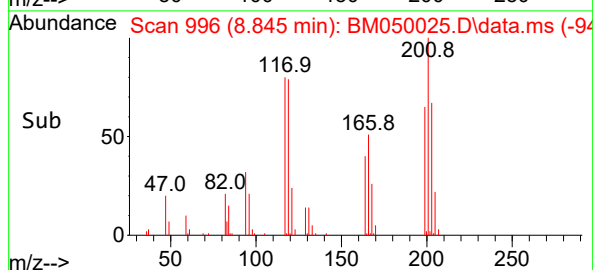
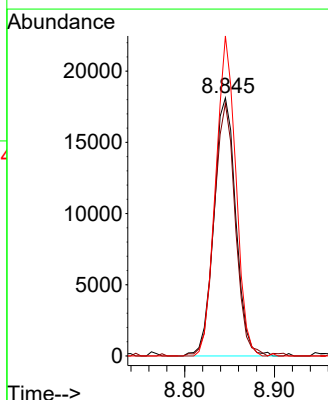
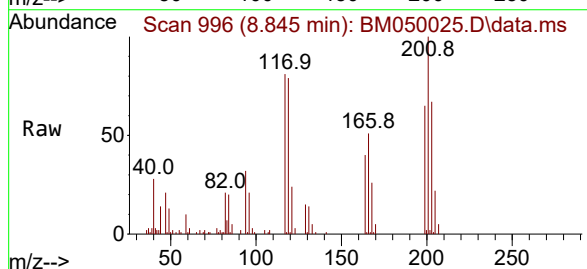
Tgt Ion:117 Resp: 30717

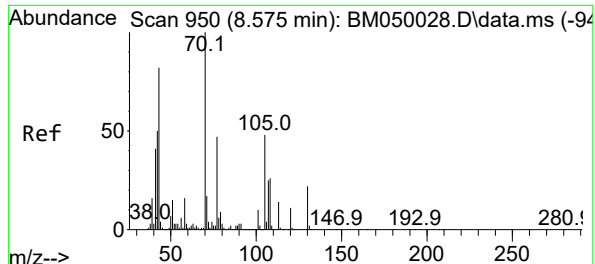
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

201 124.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 4.830 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 4945

Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 8.2 7.8 11.6

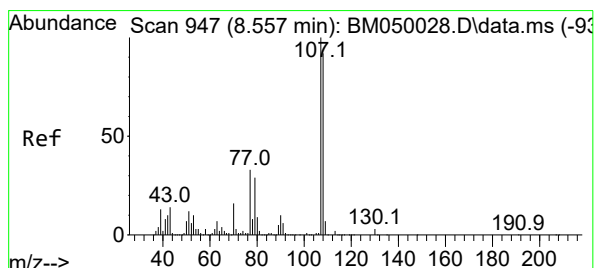
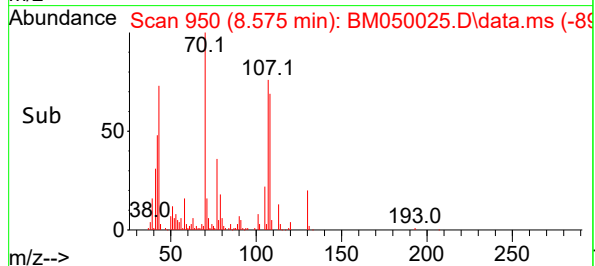
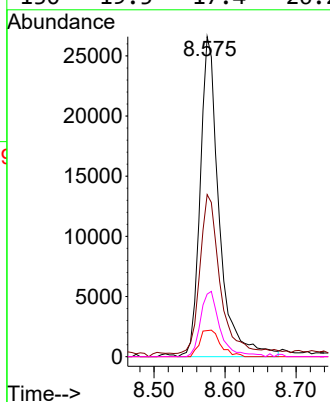
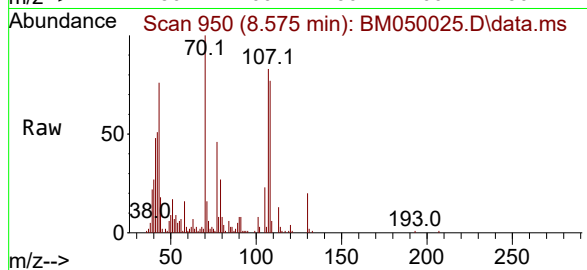
130 19.5 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 4.397 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.018 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

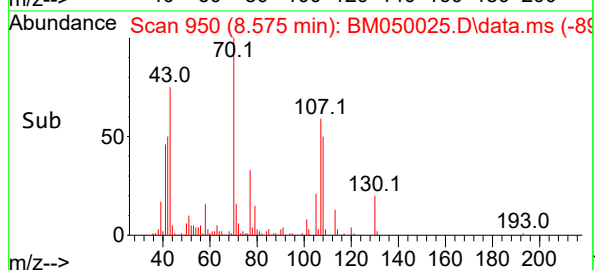
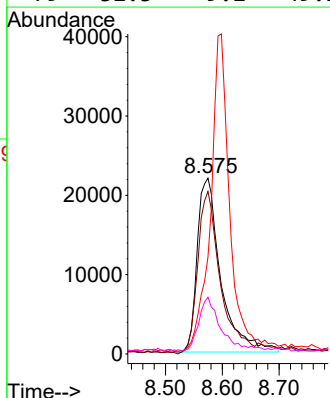
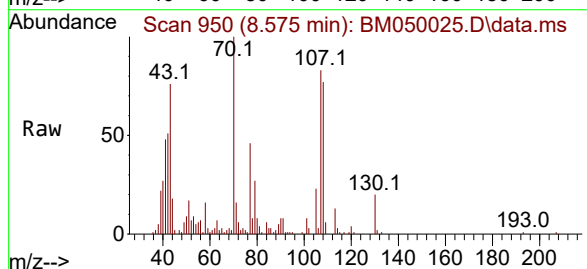
Ion Ratio Lower Upper

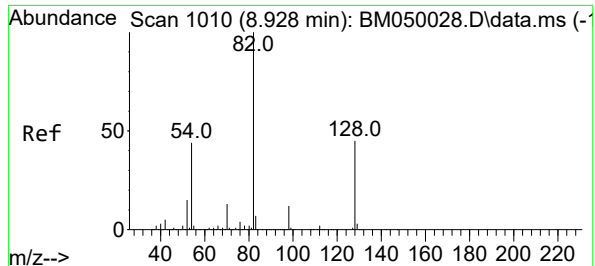
107 100

108 92.4 72.4 112.4

77 55.1 13.6 53.6#

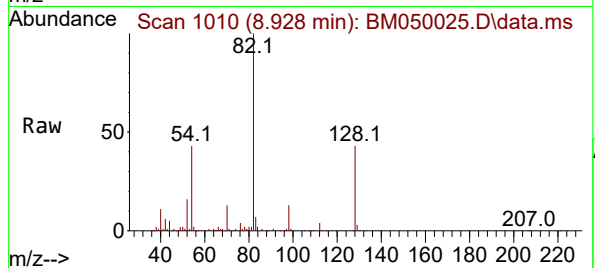
79 32.3 9.2 49.2





#23
Nitrobenzene-d5
Concen: 9.502 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

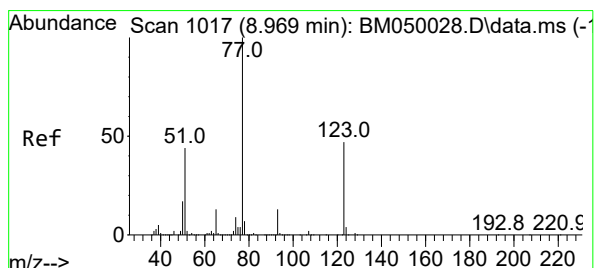
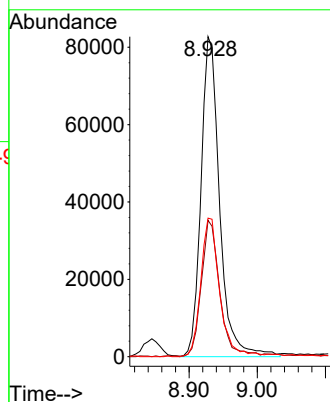
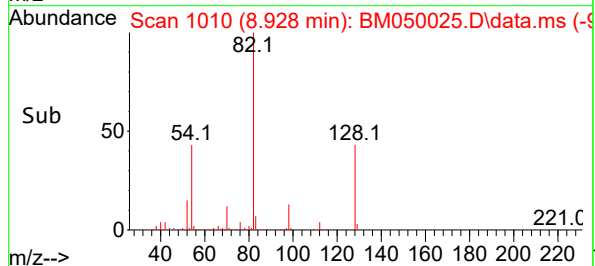
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 15722
Ion Ratio Lower Upper
82 100
128 42.6 35.7 53.5
54 43.3 35.4 53.2

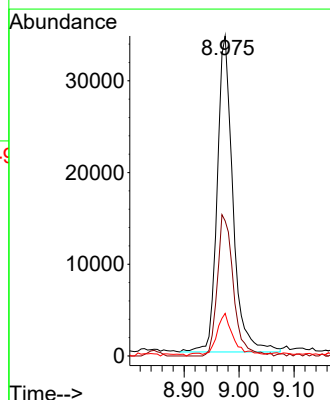
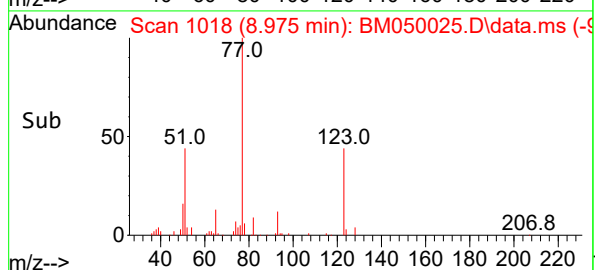
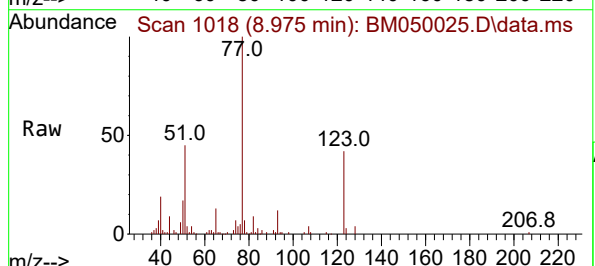
Manual Integrations
APPROVED

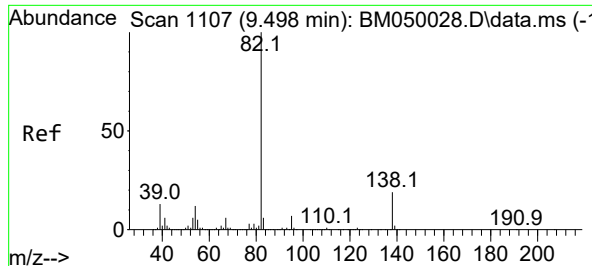
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 4.795 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

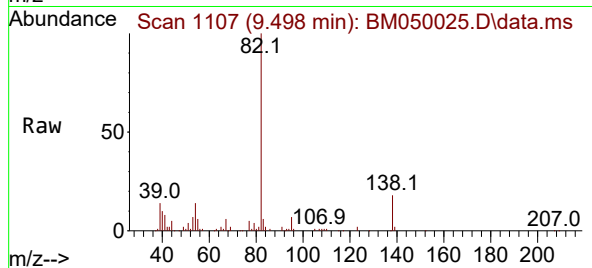
Tgt Ion: 77 Resp: 68598
Ion Ratio Lower Upper
77 100
123 42.2 37.9 56.9
65 13.3 10.1 15.1





#25
Isophorone
Concen: 4.816 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

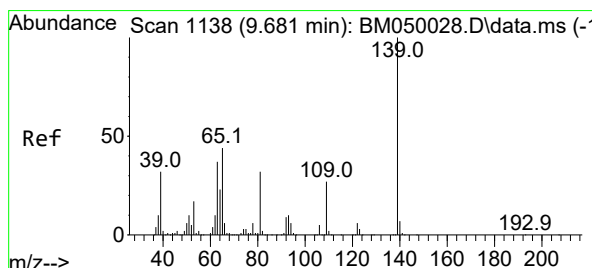
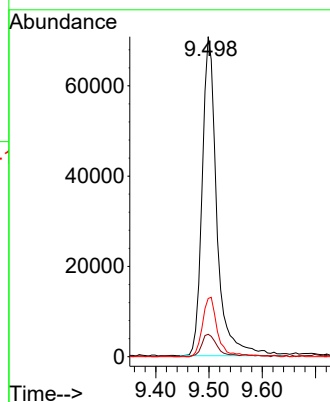
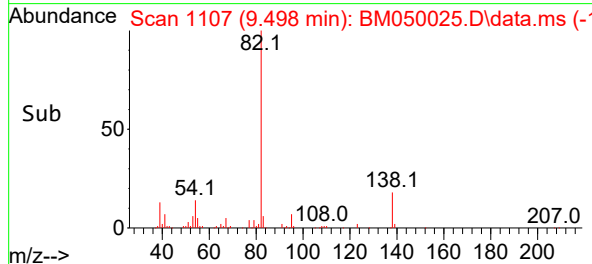
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 135828
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 15.5 23.3

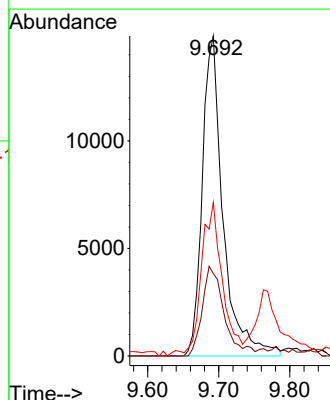
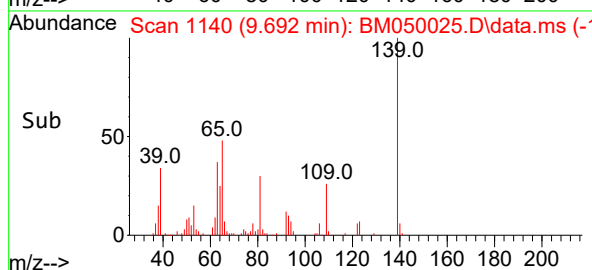
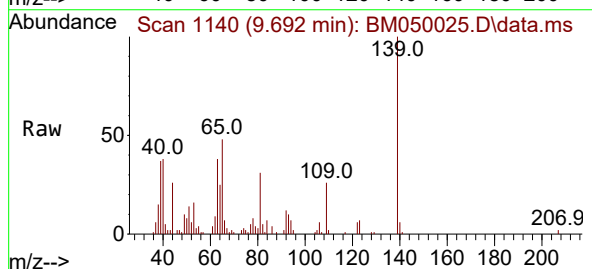
Manual Integrations
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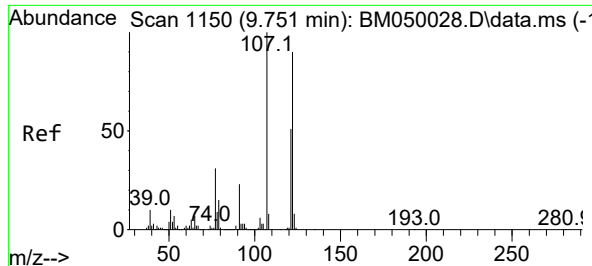
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 4.140 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

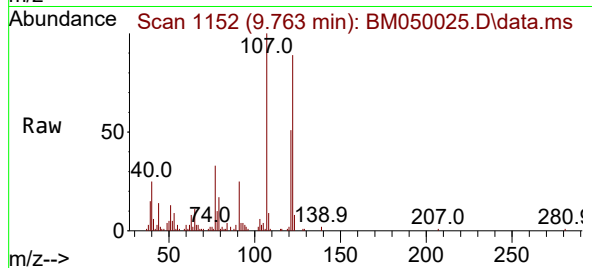
Tgt Ion:139 Resp: 30257
Ion Ratio Lower Upper
139 100
109 25.8 21.9 32.9
65 48.0 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 4.427 ng
RT: 9.763 min Scan# 1150
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

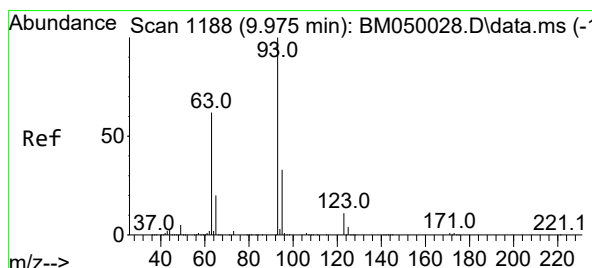
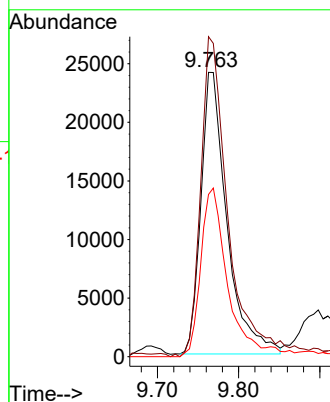
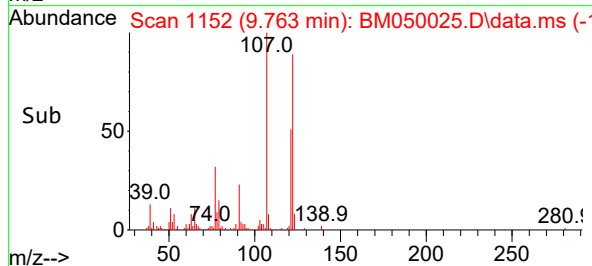
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:122 Resp: 53660
Ion Ratio Lower Upper
122 100
107 112.5 89.0 133.6
121 57.0 45.6 68.4

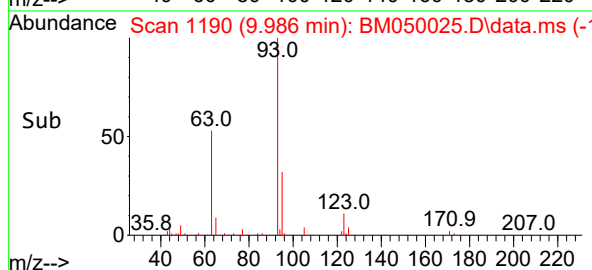
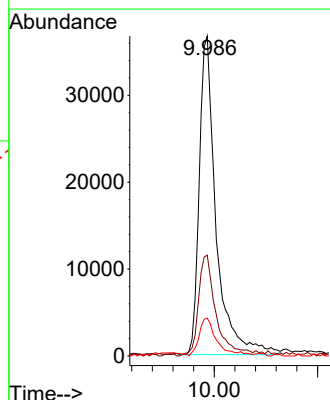
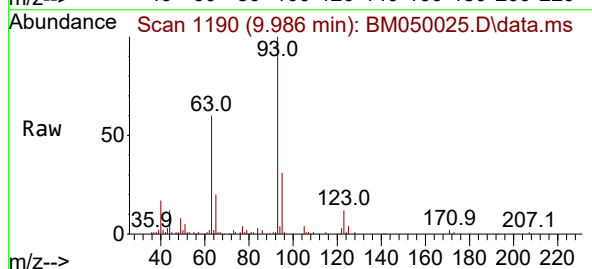
Manual Integrations
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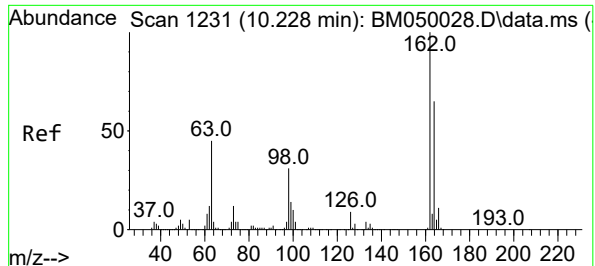
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.758 ng
RT: 9.986 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 82947
Ion Ratio Lower Upper
93 100
95 31.5 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 4.406 ng

RT: 10.263 min Scan# 1237

Delta R.T. 0.035 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

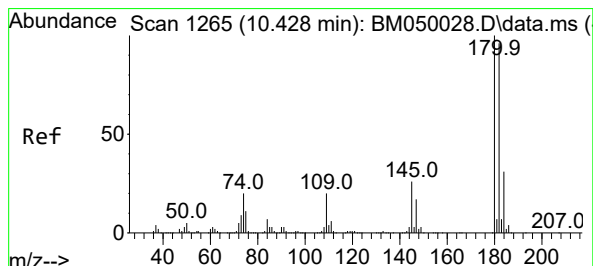
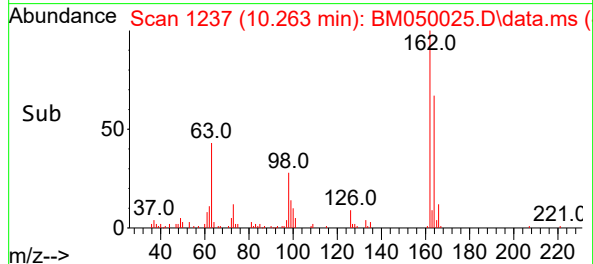
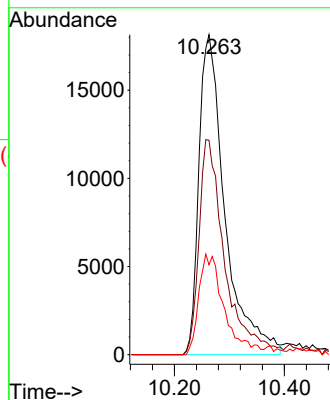
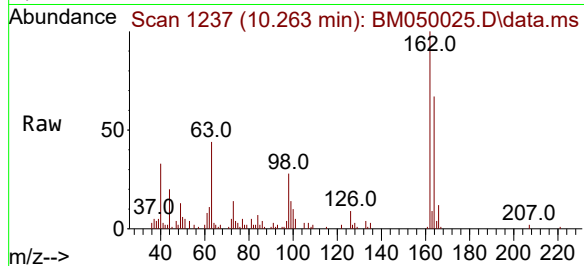
Tgt Ion:	162	Resp:	59828
Ion Ratio	Lower	Upper	
162	100		
164	67.0	45.4	85.4
98	28.1	11.3	51.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.934 ng

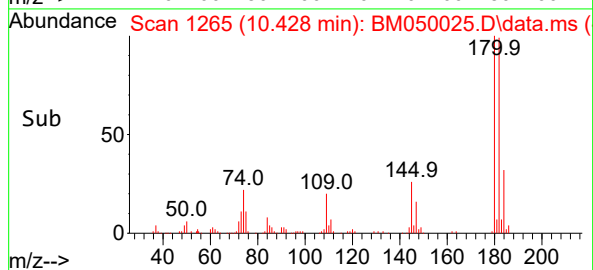
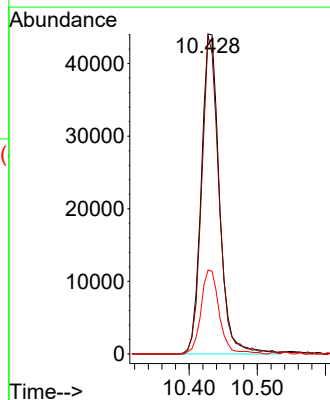
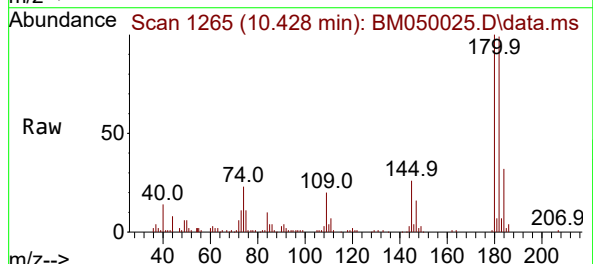
RT: 10.428 min Scan# 1265

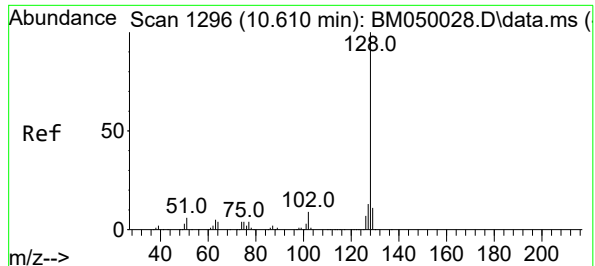
Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

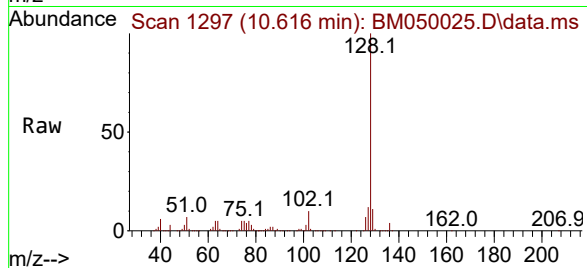
Tgt Ion:	180	Resp:	81624
Ion Ratio	Lower	Upper	
180	100		
182	99.4	77.0	115.4
145	26.2	20.6	30.8





#31
Naphthalene
Concen: 4.944 ng
RT: 10.616 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

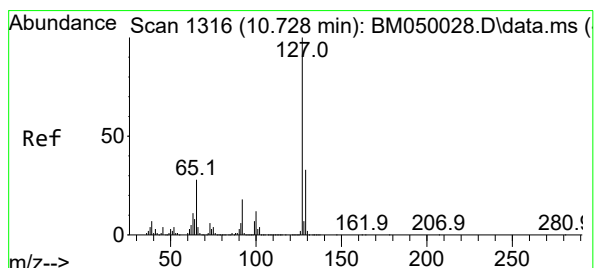
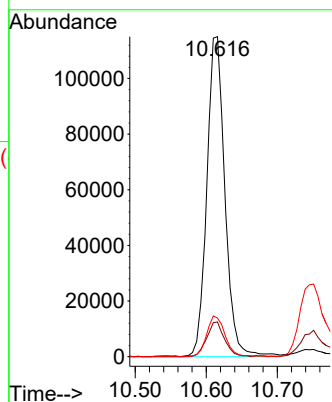
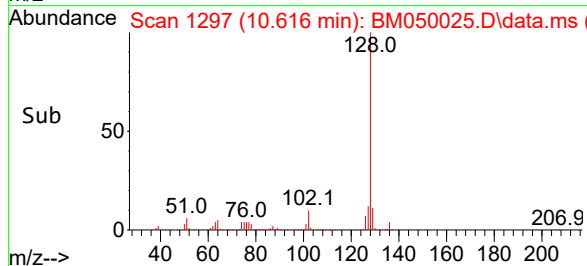
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 20413
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.0 10.4 15.6

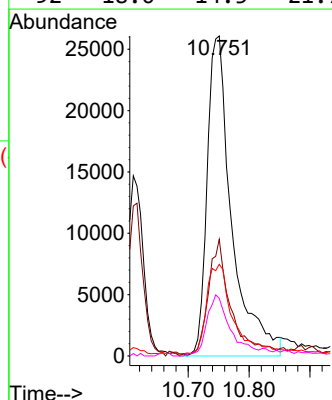
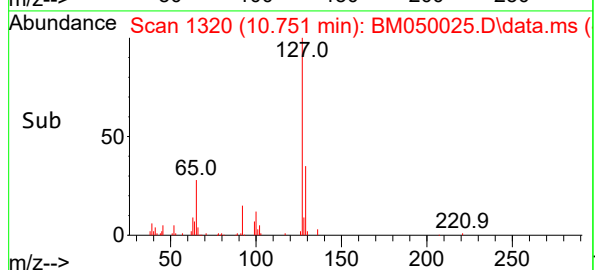
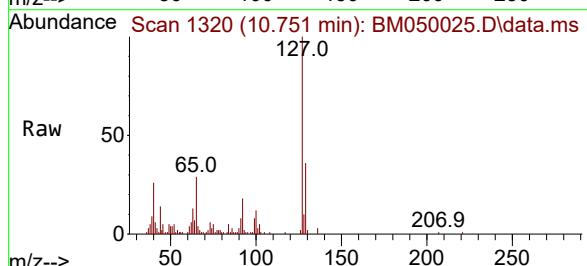
Manual Integrations
APPROVED

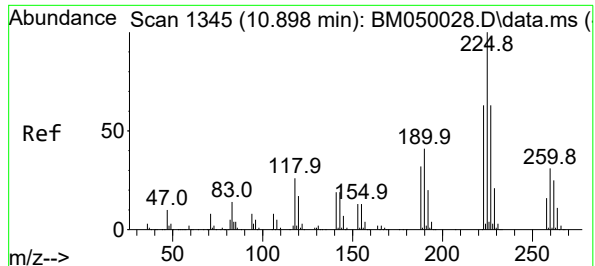
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

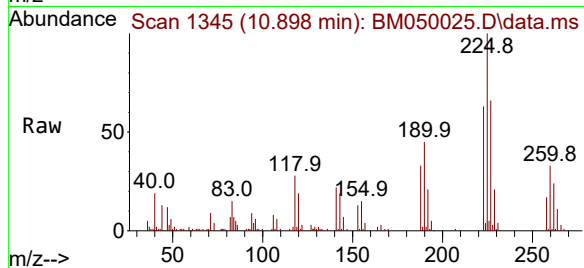
Tgt Ion:127 Resp: 73542
Ion Ratio Lower Upper
127 100
129 36.4 26.3 39.5
65 28.6 22.5 33.7
92 18.0 14.5 21.7





#34
Hexachlorobutadiene
Concen: 4.907 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

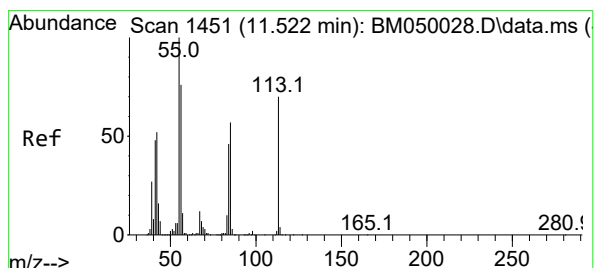
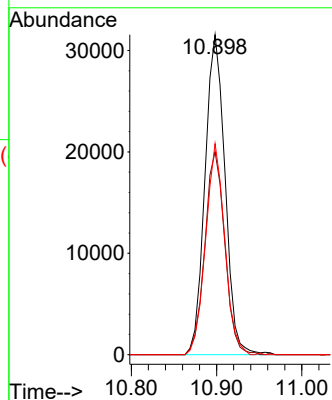
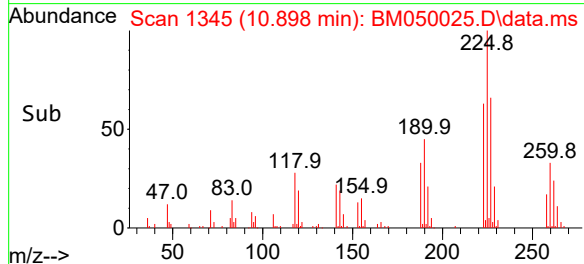
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:225 Resp: 51529
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 65.9 50.6 76.0

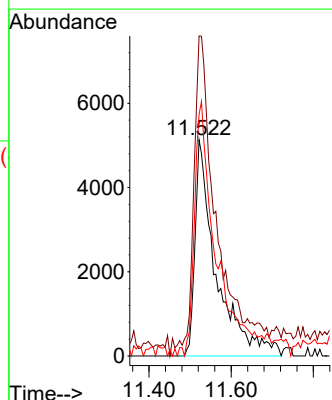
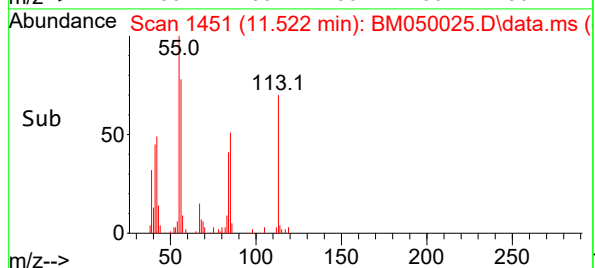
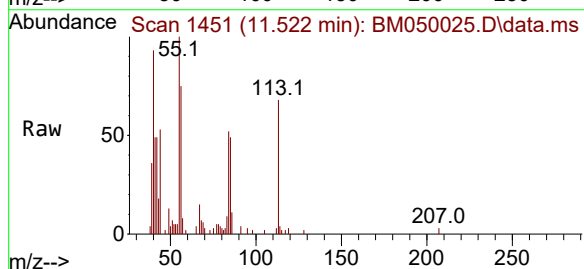
Manual Integrations
APPROVED

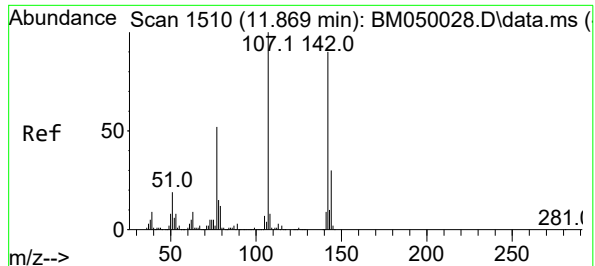
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#35
Caprolactam
Concen: 4.634 ng m
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

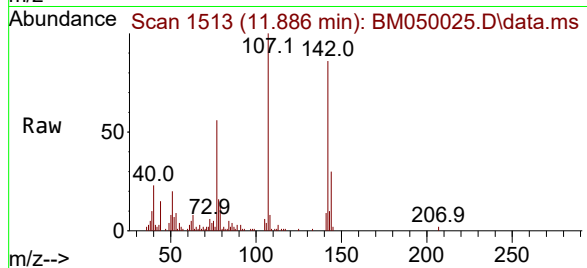
Tgt Ion:113 Resp: 18349
Ion Ratio Lower Upper
113 100
55 148.1 122.9 162.9
56 111.8 88.1 128.1





#36
4-Chloro-3-methylphenol
Concen: 4.690 ng
RT: 11.886 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

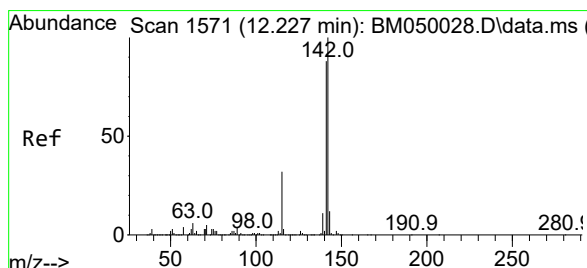
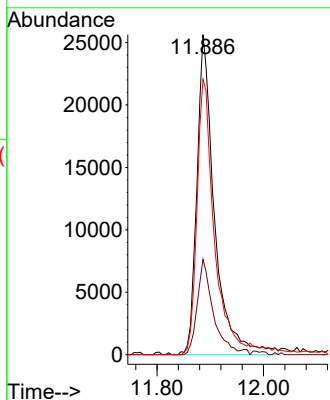
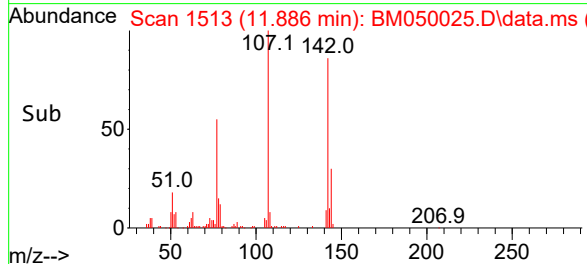
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



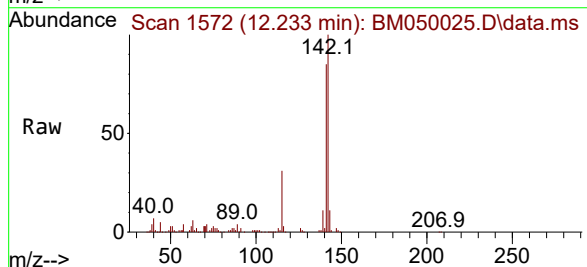
Tgt Ion:107 Resp: 5884
Ion Ratio Lower Upper
107 100
144 29.8 23.8 35.6
142 86.0 71.9 107.9

Manual Integrations
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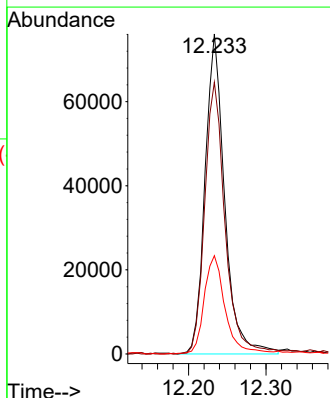
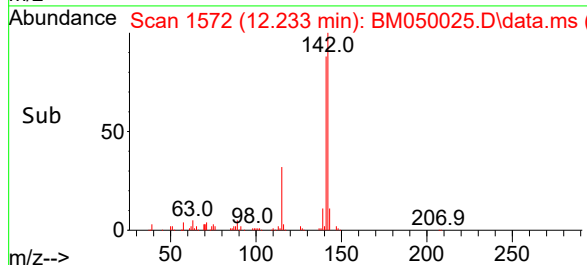
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

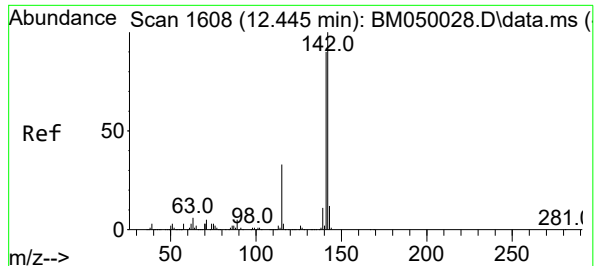


#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



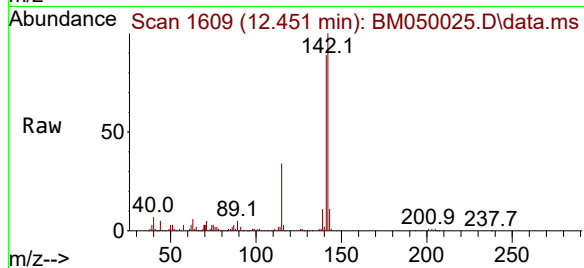
Tgt Ion:142 Resp: 133679
Ion Ratio Lower Upper
142 100
141 84.9 70.4 105.6
115 30.7 25.4 38.2





#38
1-Methylnaphthalene
Concen: 4.892 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

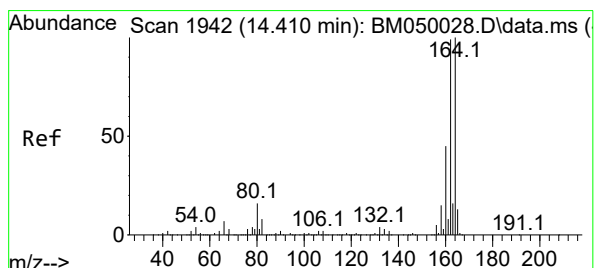
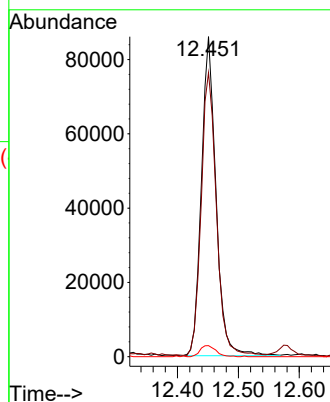
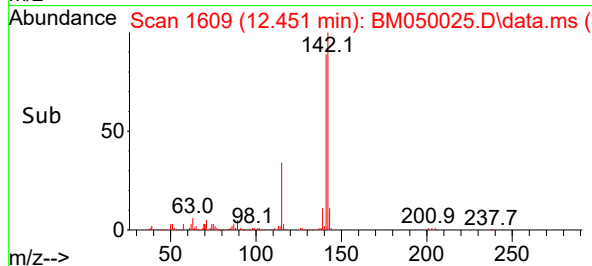
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 143332
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
116 3.5 2.7 4.1

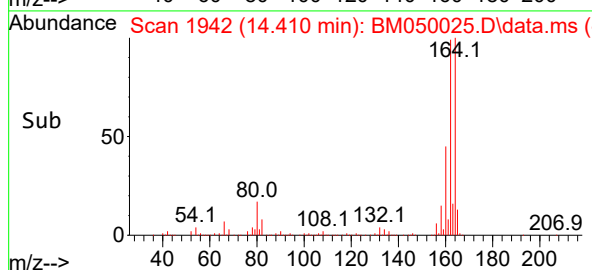
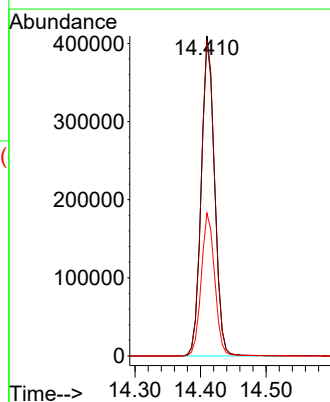
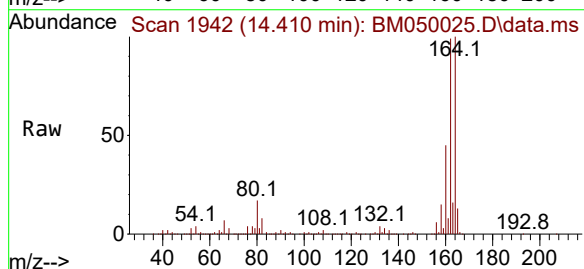
Manual Integrations
APPROVED

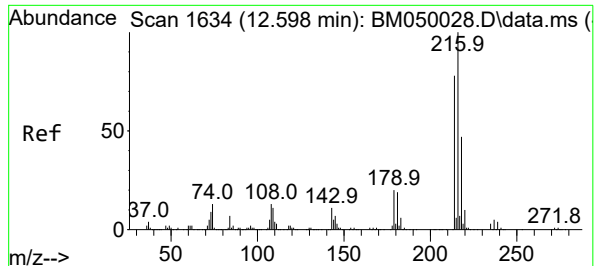
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:164 Resp: 578294
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 44.6 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.504 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 9016

Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 20.2 15.4 23.0

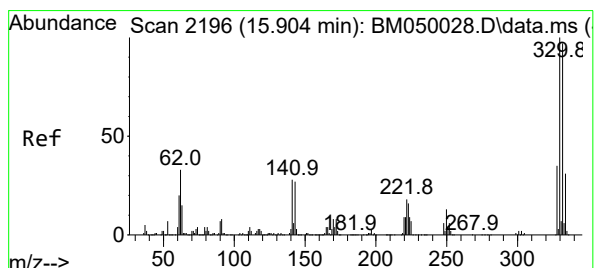
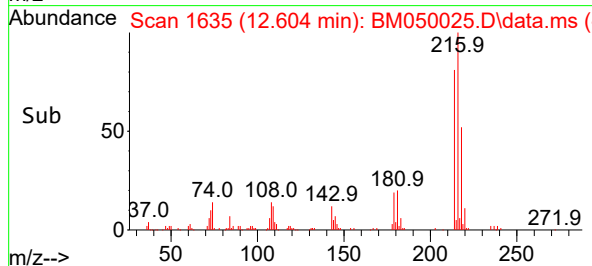
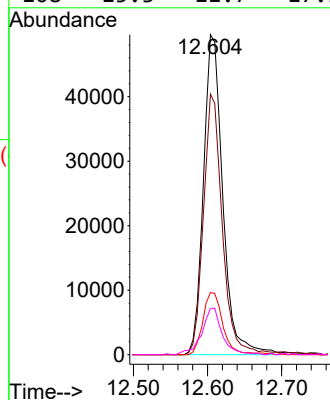
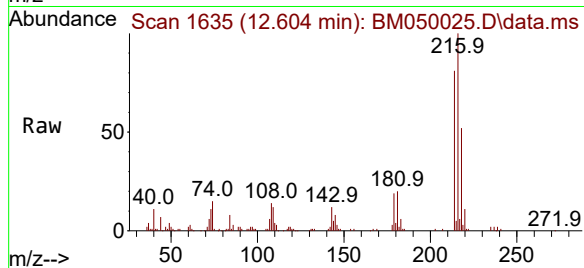
108 15.3 11.7 17.5

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#42

2,4,6-Tribromophenol

Concen: 8.560 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

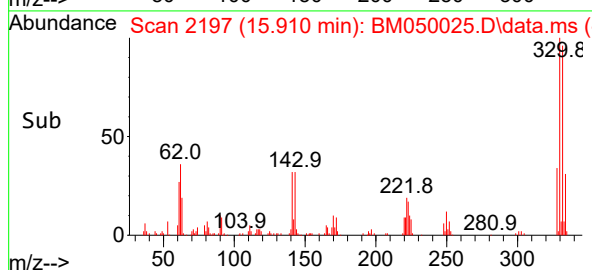
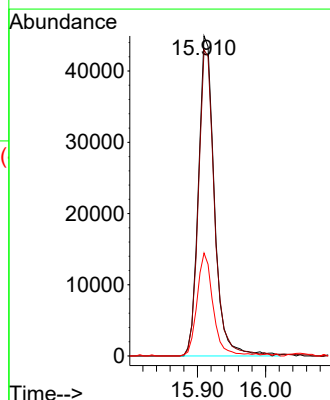
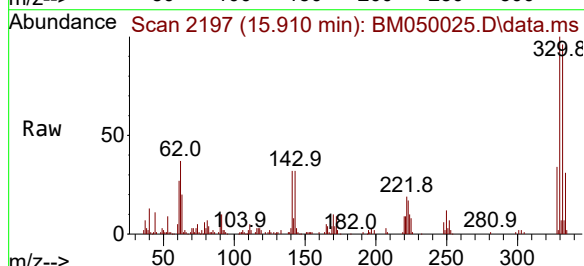
Tgt Ion:330 Resp: 73192

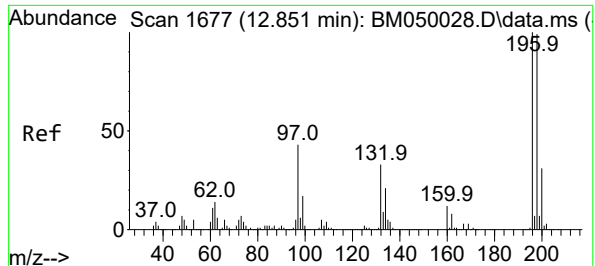
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 32.6 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 4.233 ng

RT: 12.863 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM050025.D

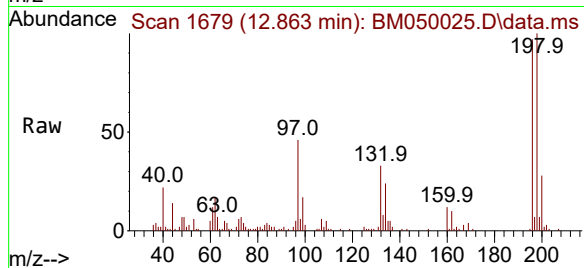
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 5374

Ion Ratio Lower Upper

196 100

198 102.6 79.0 118.6

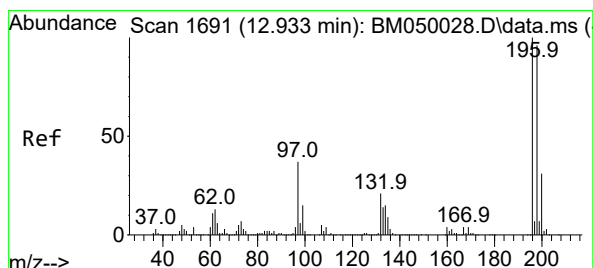
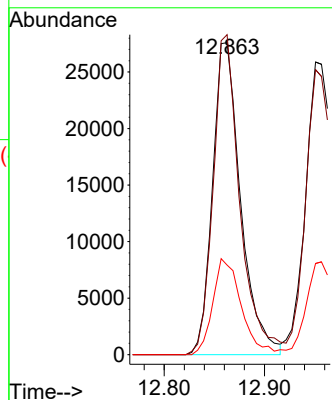
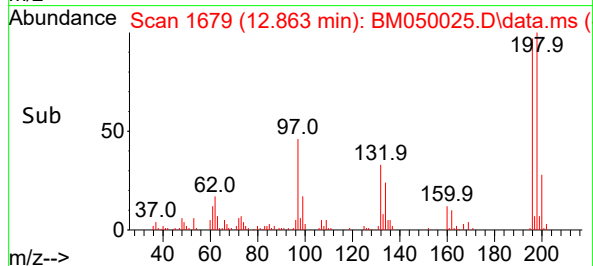
200 28.7 25.1 37.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

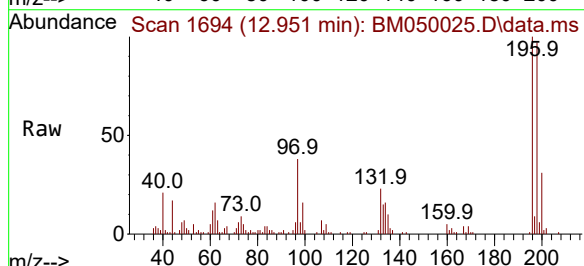
Concen: 4.325 ng

RT: 12.951 min Scan# 1694

Delta R.T. 0.018 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



Tgt Ion:196 Resp: 59224

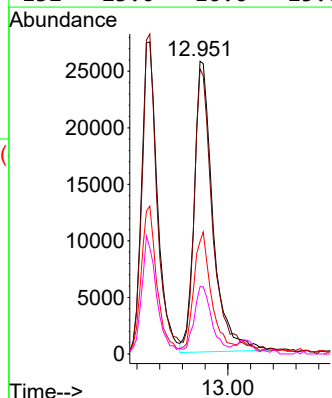
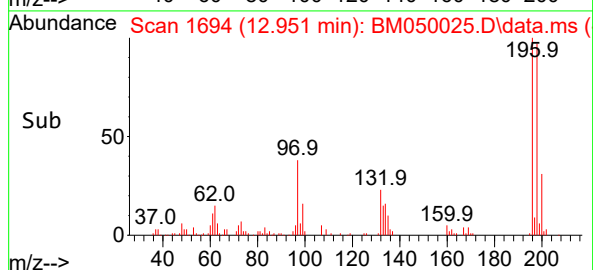
Ion Ratio Lower Upper

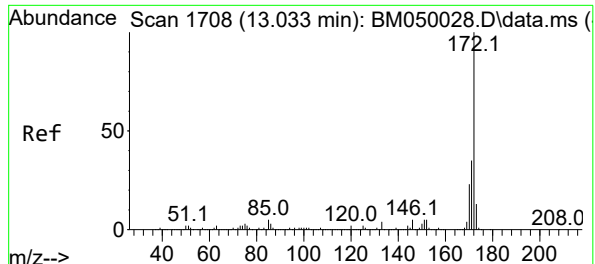
196 100

198 97.4 76.7 115.1

97 38.4 30.1 45.1

132 23.0 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 9.390 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050025.D

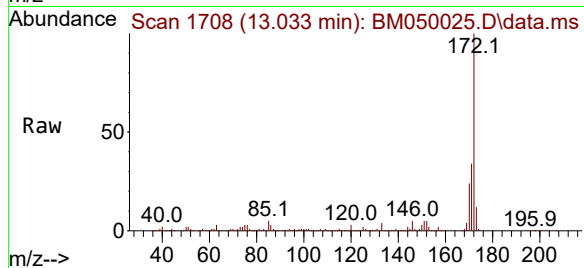
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:172 Resp: 45903

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

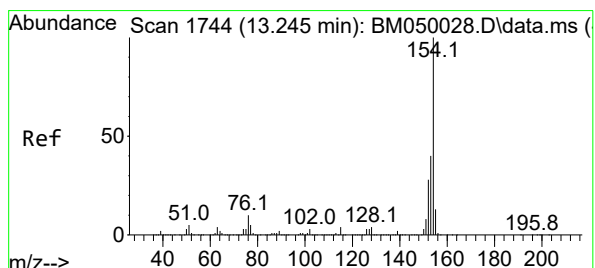
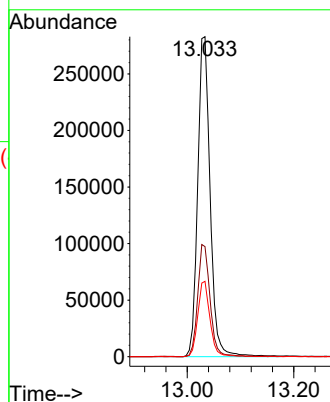
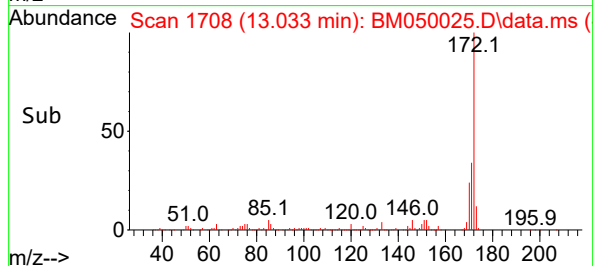
170 23.5 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

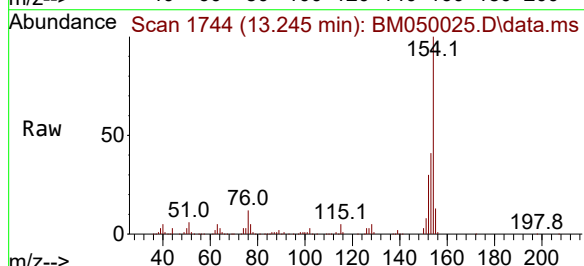
Concen: 4.799 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



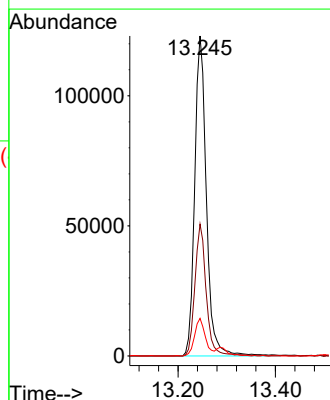
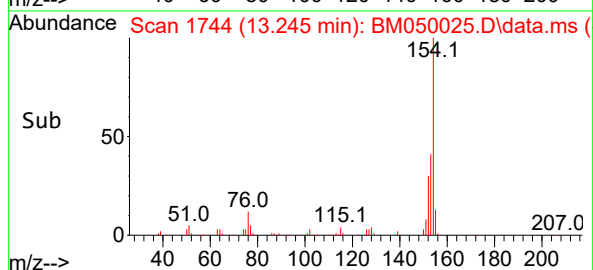
Tgt Ion:154 Resp: 206296

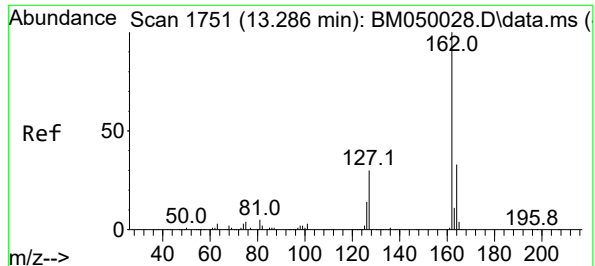
Ion Ratio Lower Upper

154 100

153 41.2 20.0 60.0

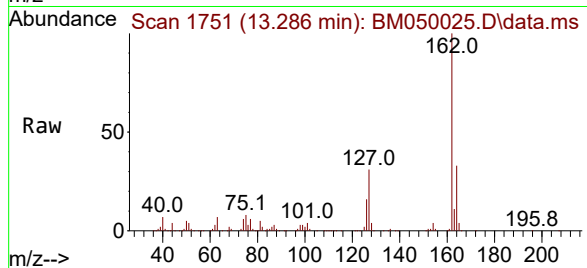
76 11.8 0.0 30.3





#47
2-Chloronaphthalene
Concen: 4.782 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

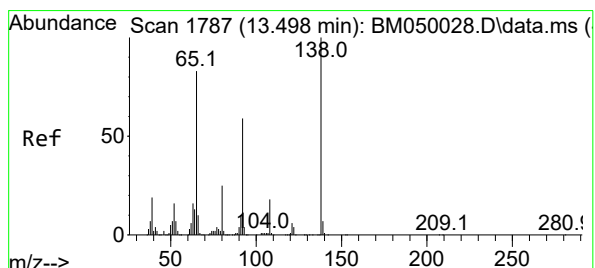
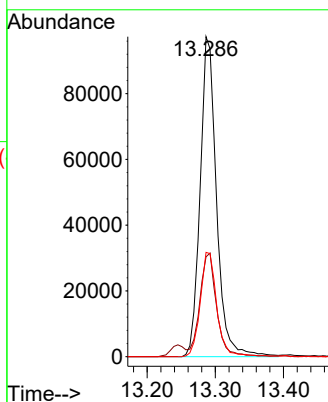
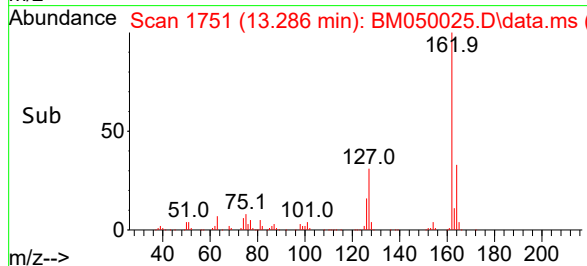
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



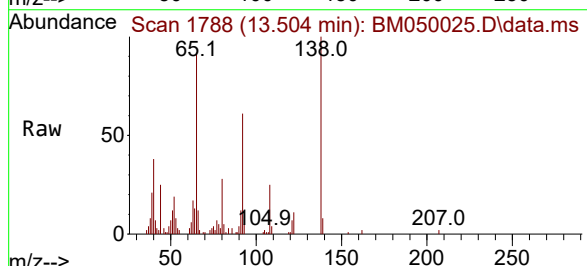
Tgt Ion:162 Resp: 16280
Ion Ratio Lower Upper
162 100
127 31.2 25.9 38.9
164 32.6 26.6 40.0

Manual Integrations
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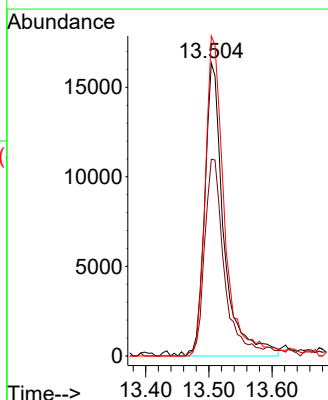
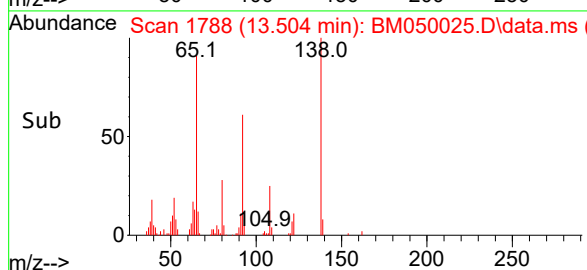
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

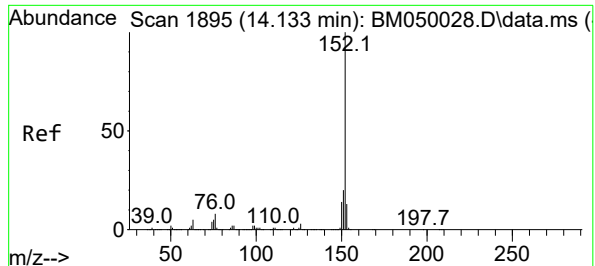


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



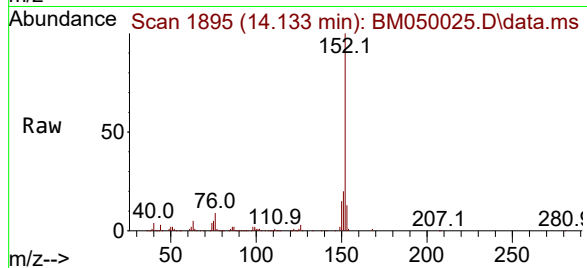
Tgt Ion: 65 Resp: 34348
Ion Ratio Lower Upper
65 100
92 67.1 57.1 85.7
138 109.2 97.0 145.4





#49
Acenaphthylene
Concen: 4.832 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

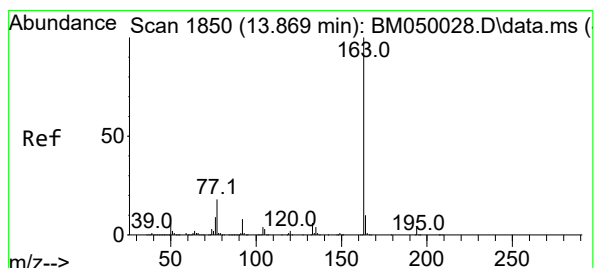
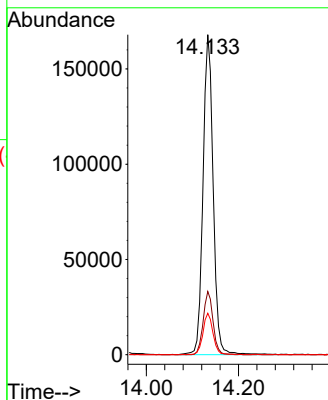
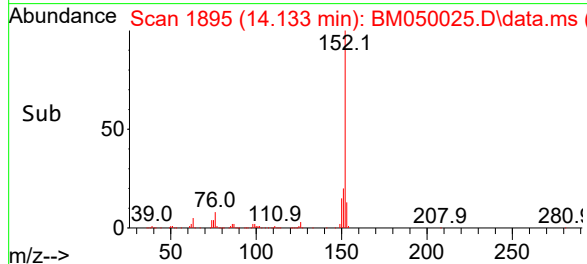
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 259400
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.6 15.8

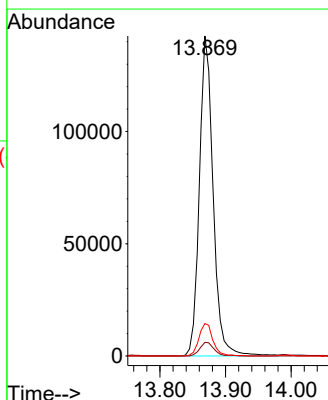
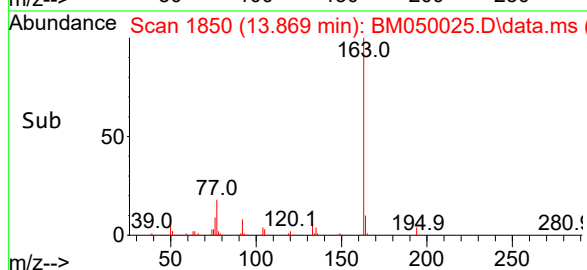
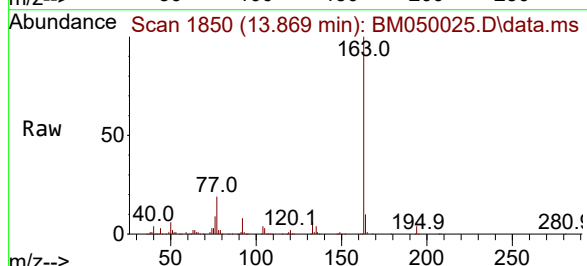
Manual Integrations
APPROVED

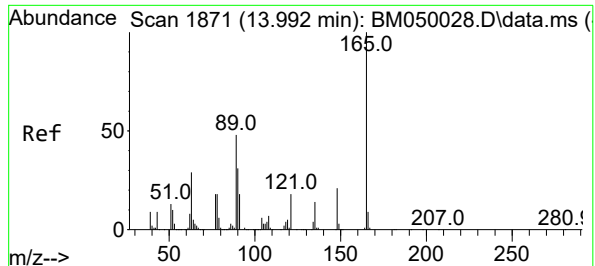
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 4.941 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

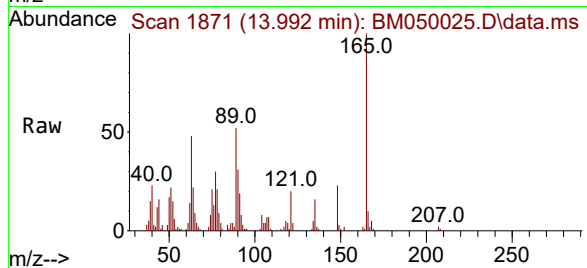
Tgt Ion:163 Resp: 208800
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 4.395 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

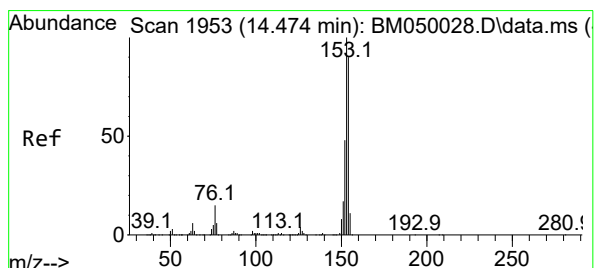
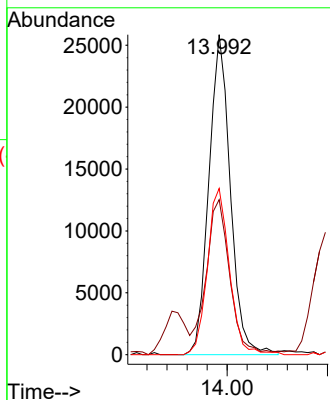
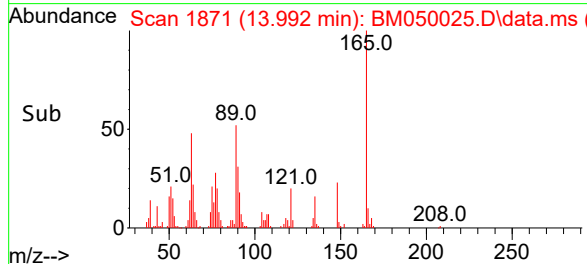
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



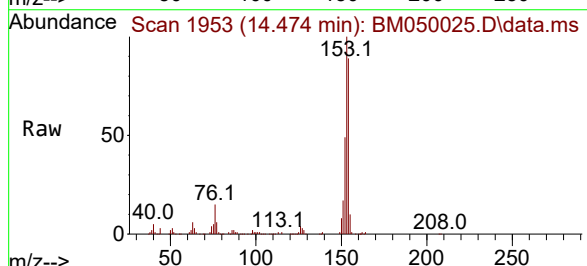
Tgt Ion:165 Resp: 3845
Ion Ratio Lower Upper
165 100
63 48.5 35.1 52.7
89 51.9 38.4 57.6

Manual Integrations
APPROVED

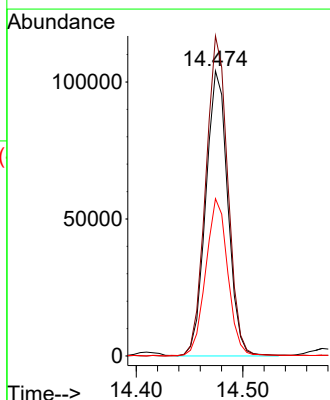
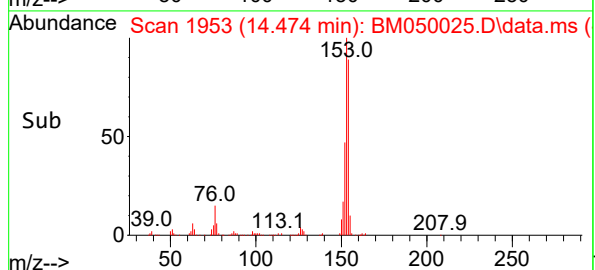
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

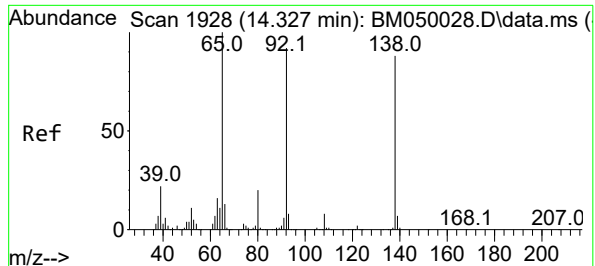


#52
Acenaphthene
Concen: 4.829 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



Tgt Ion:154 Resp: 150042
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.4
152 55.2 43.0 64.6





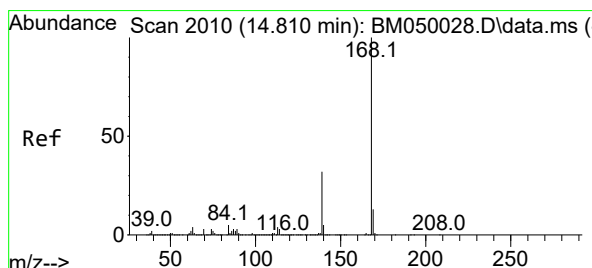
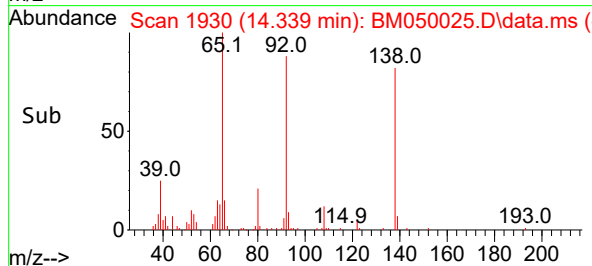
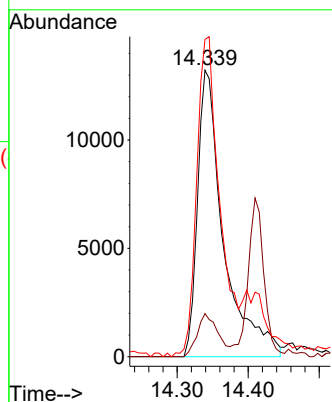
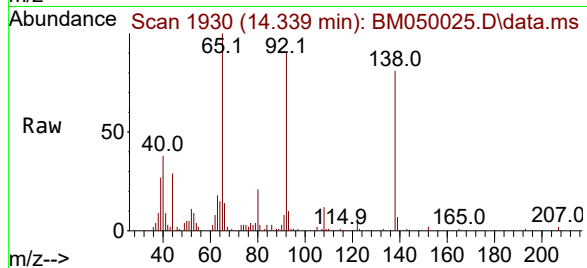
#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1928
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 3371
Ion Ratio Lower Upper
138 100
108 15.1 7.4 11.2
92 110.8 84.0 126.0

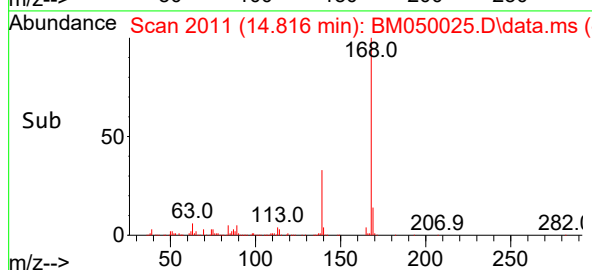
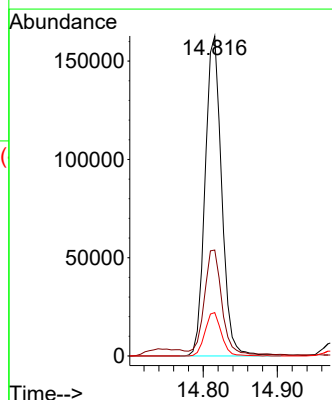
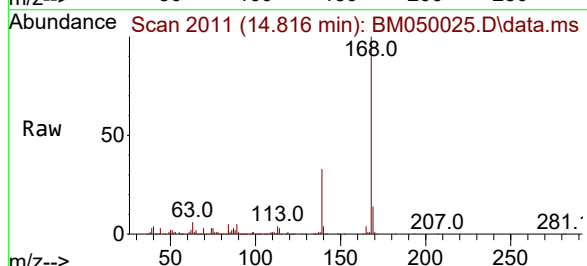
Manual Integrations
APPROVED

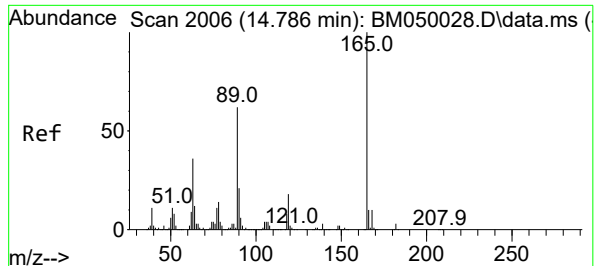
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#55
Dibenzofuran
Concen: 4.892 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

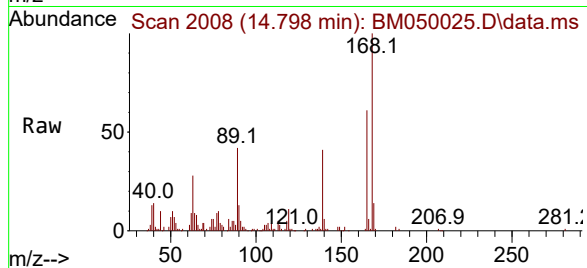
Tgt Ion:168 Resp: 252898
Ion Ratio Lower Upper
168 100
139 33.1 26.1 39.1
169 13.5 10.8 16.2





#57
2,4-Dinitrotoluene
Concen: 4.044 ng
RT: 14.798 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

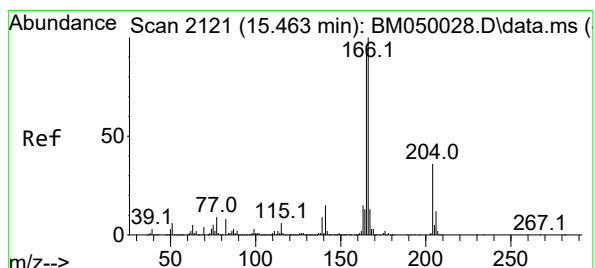
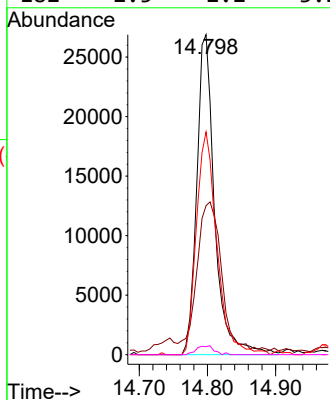
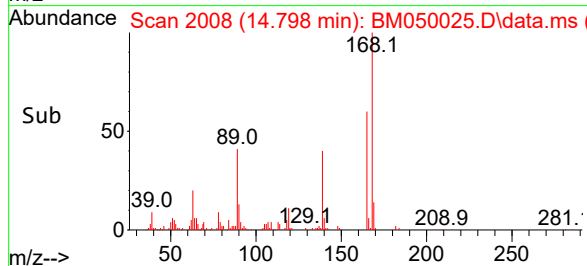
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:165 Resp: 4890
Ion Ratio Lower Upper
165 100
63 46.6 29.0 43.6
89 69.6 49.4 74.2
182 2.5 2.2 3.2

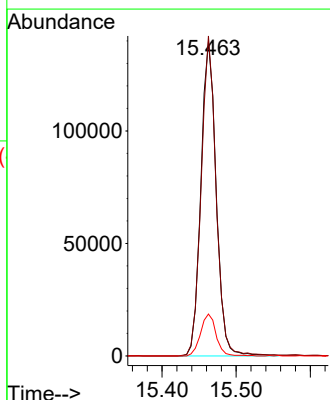
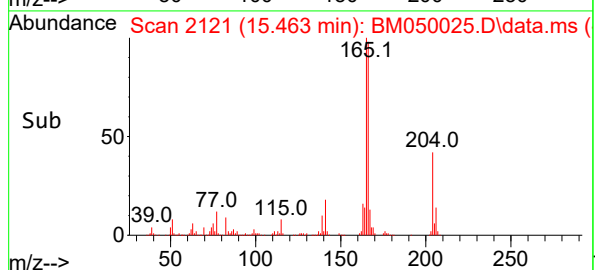
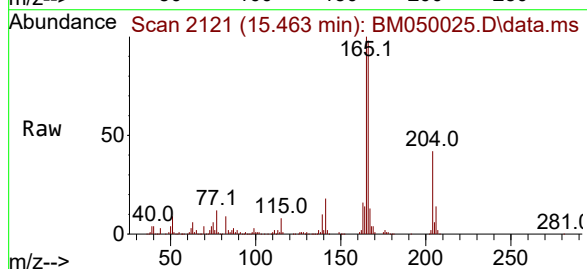
Manual Integrations
APPROVED

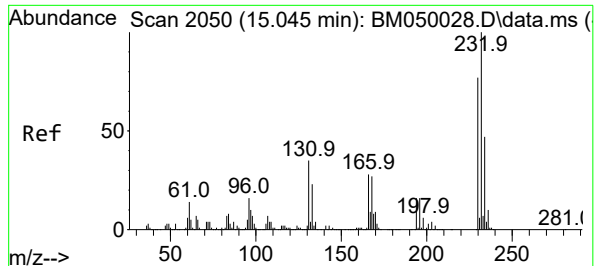
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 4.739 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:166 Resp: 200542
Ion Ratio Lower Upper
166 100
165 101.8 76.6 115.0
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.463 ng

RT: 15.057 min Scan# 2052

Delta R.T. 0.012 min

Lab File: BM050025.D

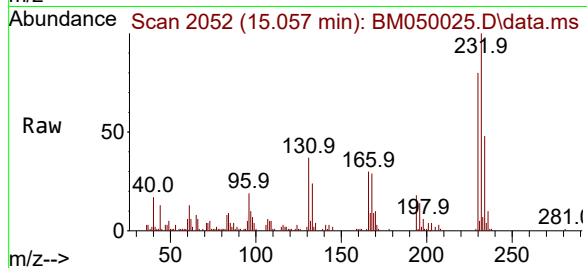
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:232 Resp: 5289

Ion Ratio Lower Upper

232 100

131 38.0 28.2 42.4

130 1.6 1.5 2.3

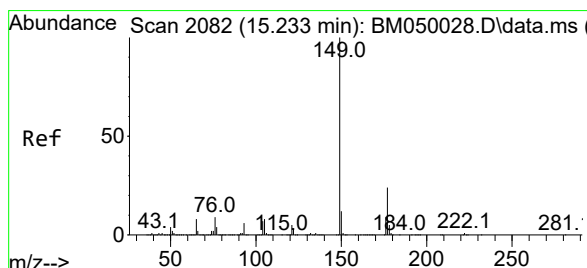
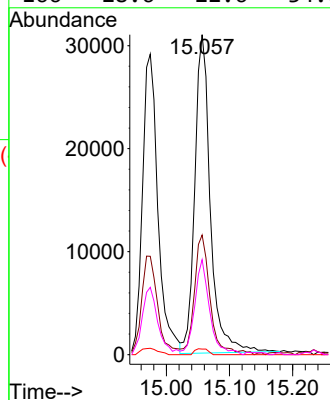
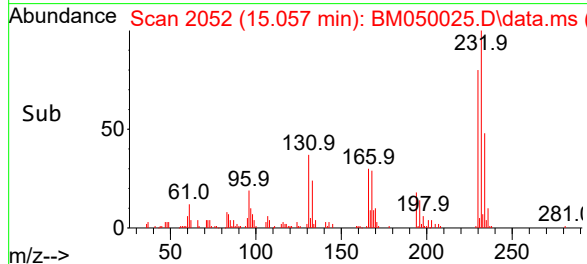
166 28.6 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#60

Diethylphthalate

Concen: 4.981 ng

RT: 15.233 min Scan# 2082

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

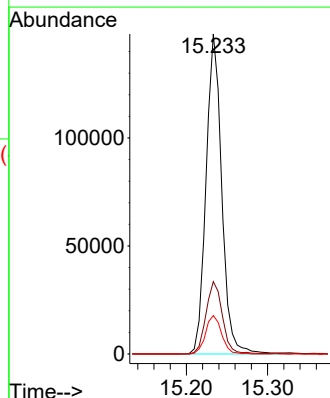
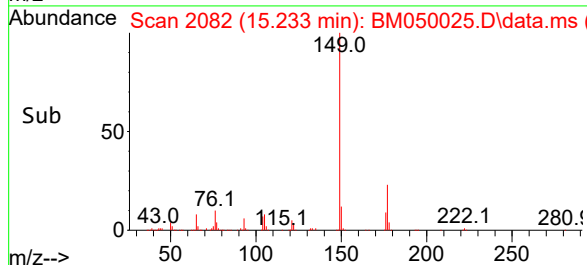
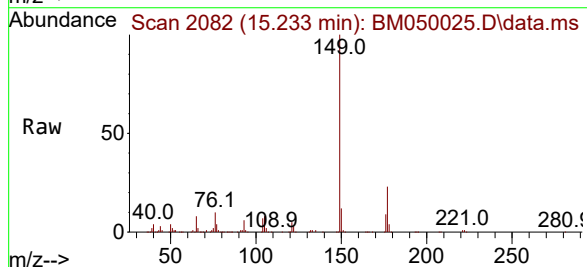
Tgt Ion:149 Resp: 198362

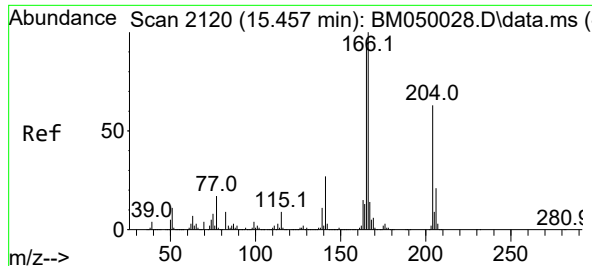
Ion Ratio Lower Upper

149 100

177 22.6 19.1 28.7

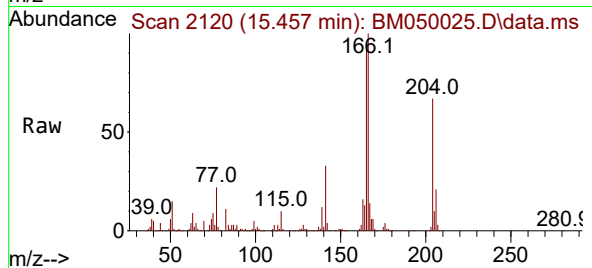
150 12.0 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

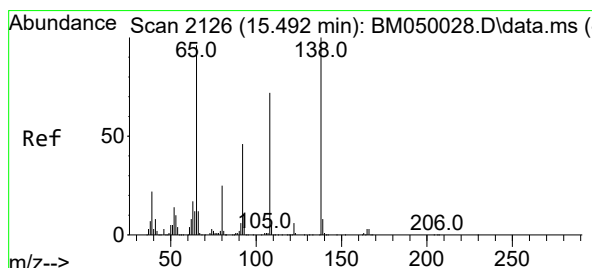
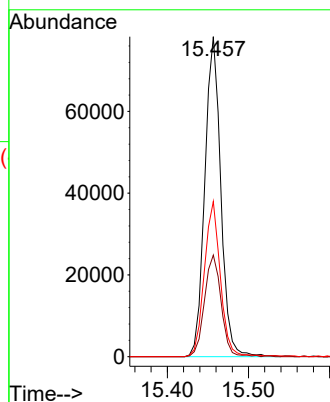
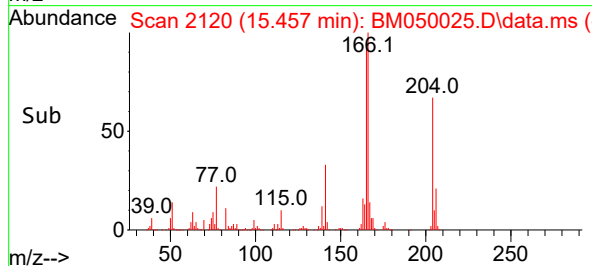
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:204 Resp: 10708
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 48.5 34.0 51.0

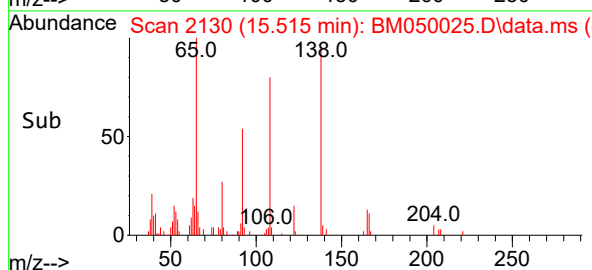
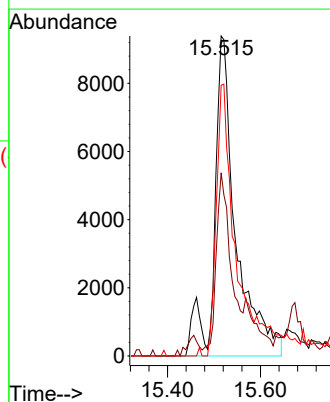
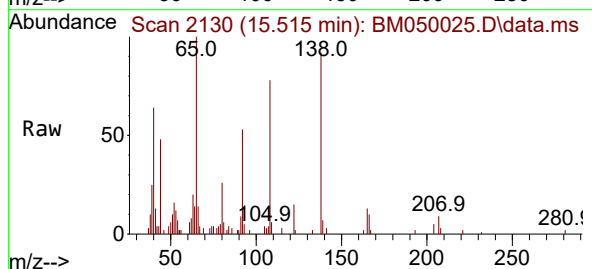
Manual Integrations
APPROVED

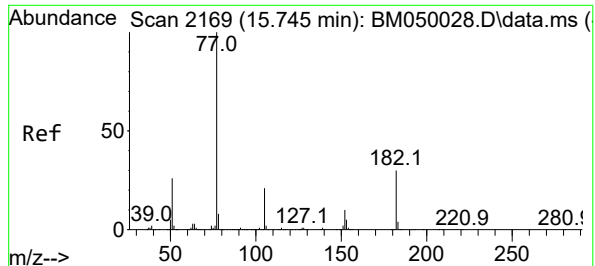
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 3.737 ng m
RT: 15.515 min Scan# 2130
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

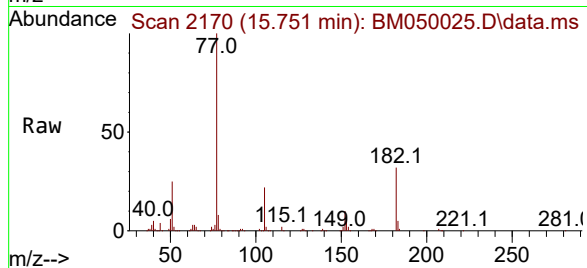
Tgt Ion:138 Resp: 30138
Ion Ratio Lower Upper
138 100
92 57.3 25.9 65.9
108 84.6 52.4 92.4





#63
Azobenzene
Concen: 4.844 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

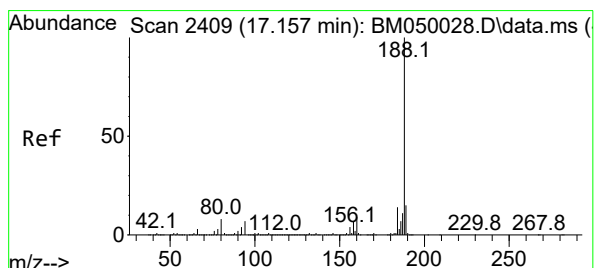
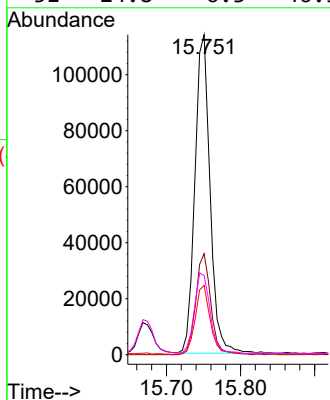
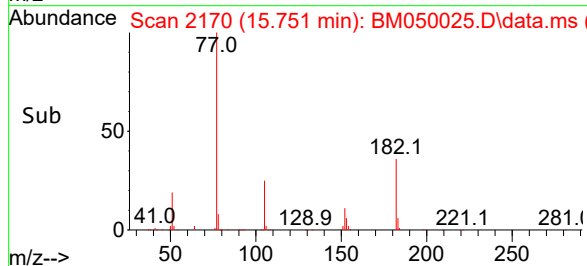
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 77 Resp: 161662
Ion Ratio Lower Upper
77 100
182 31.6 10.5 50.5
105 21.7 1.1 41.1
51 24.8 6.3 46.3

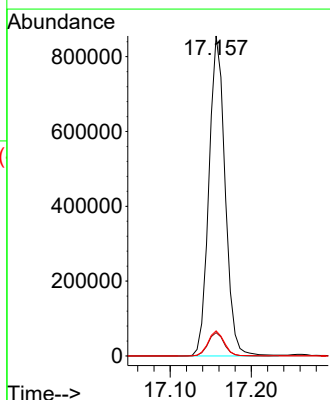
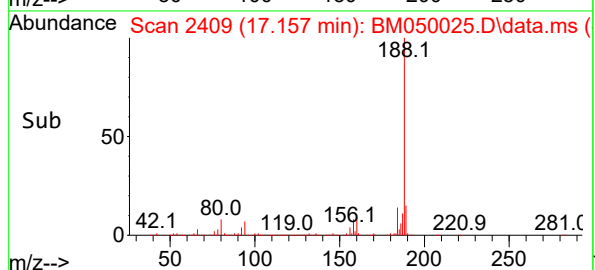
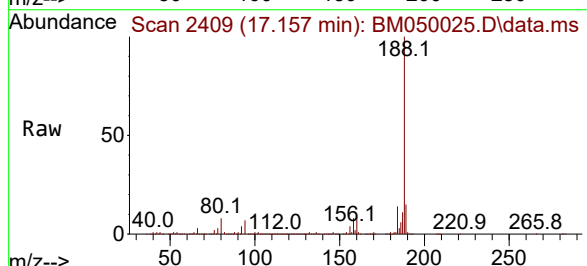
Manual Integrations
APPROVED

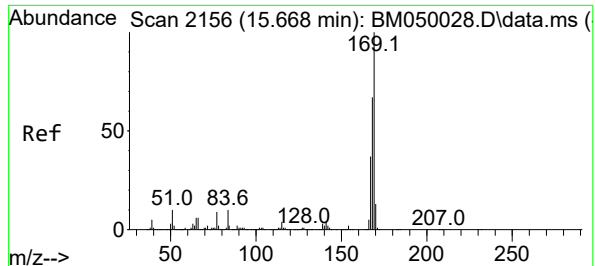
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

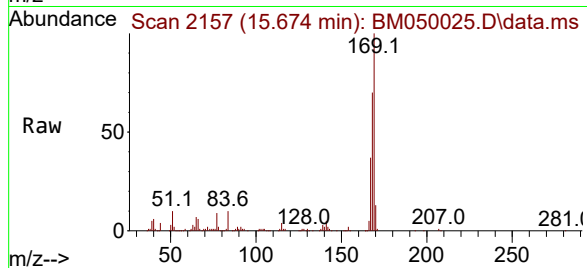
Tgt Ion:188 Resp: 1183325
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 6.2 9.4





#66
n-Nitrosodiphenylamine
Concen: 4.723 ng
RT: 15.674 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

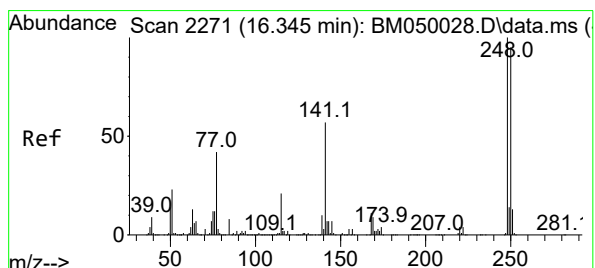
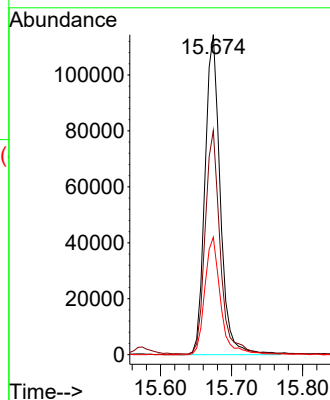
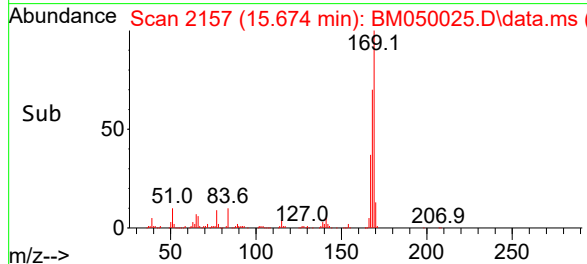
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



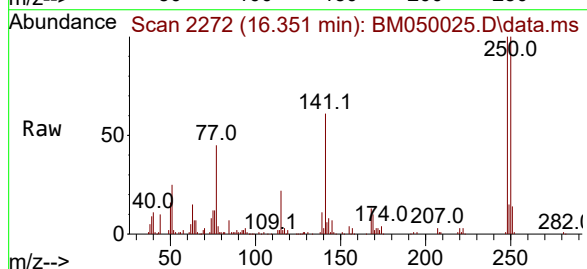
Tgt Ion:169 Resp: 171608
Ion Ratio Lower Upper
169 100
168 70.0 53.4 80.2
167 36.7 29.4 44.0

Manual Integrations
APPROVED

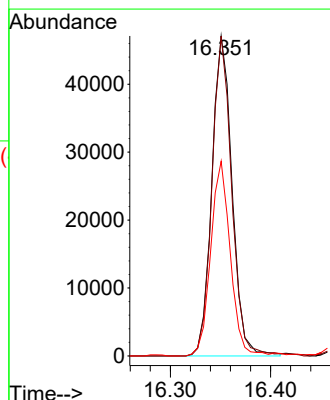
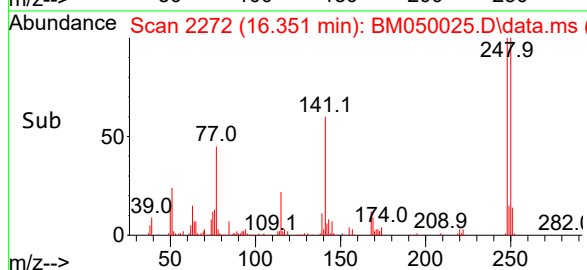
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

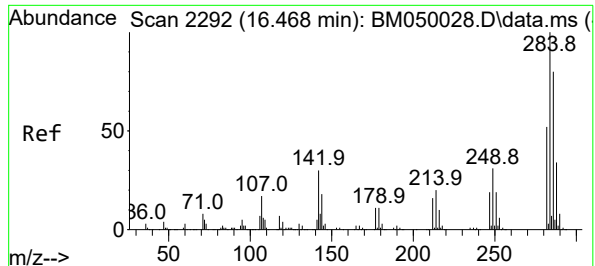


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



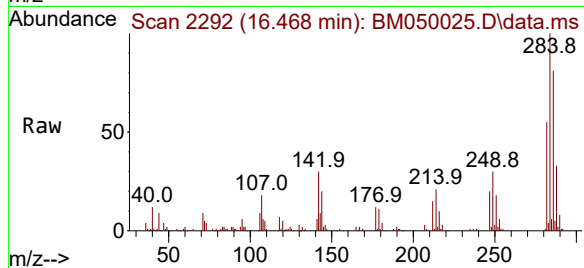
Tgt Ion:248 Resp: 66000
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.2
141 60.8 45.9 68.9





#68
Hexachlorobenzene
Concen: 4.759 ng
RT: 16.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

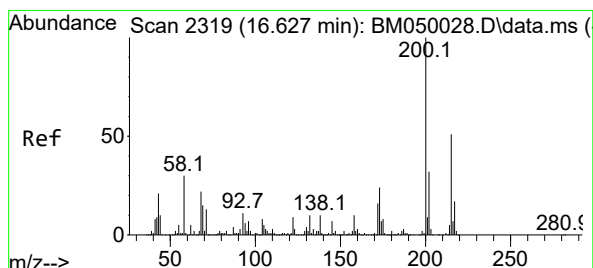
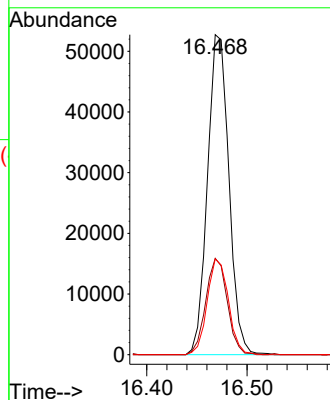
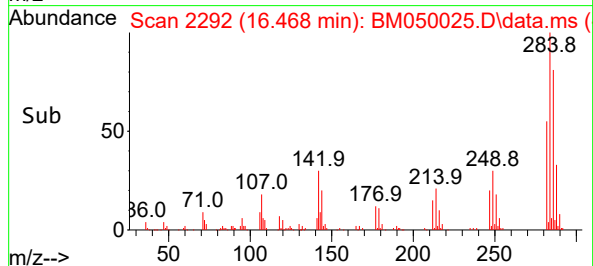
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:284 Resp: 78500
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 29.9 24.5 36.7

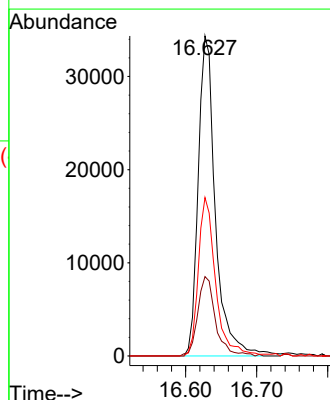
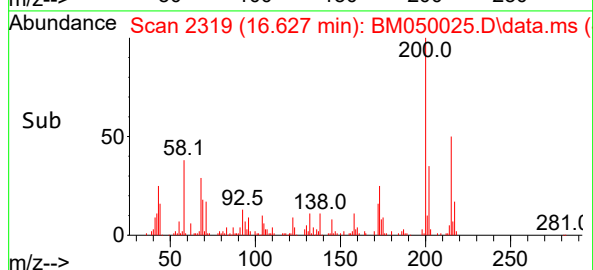
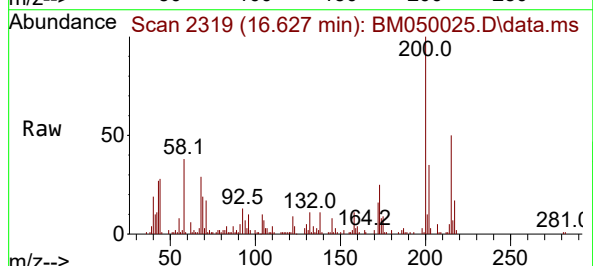
Manual Integrations
APPROVED

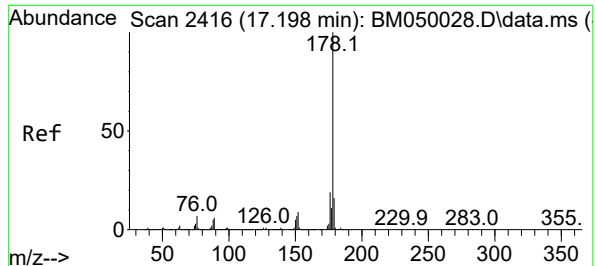
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#69
Atrazine
Concen: 4.433 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

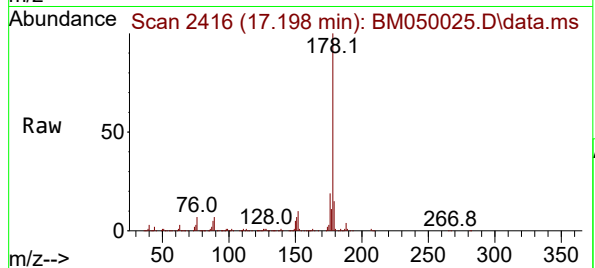
Tgt Ion:200 Resp: 58110
Ion Ratio Lower Upper
200 100
173 24.8 4.3 44.3
215 49.5 30.6 70.6





#71
Phenanthrene
Concen: 4.764 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

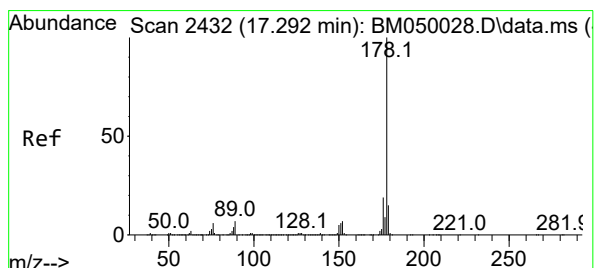
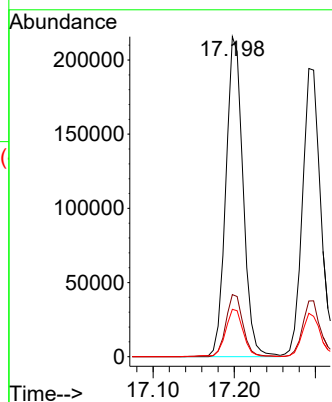
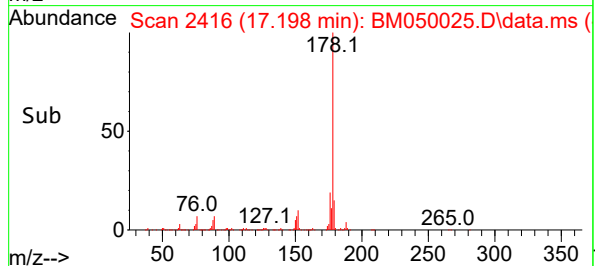
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 317954
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 14.8 12.4 18.6

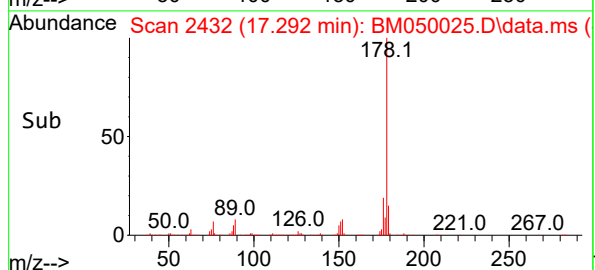
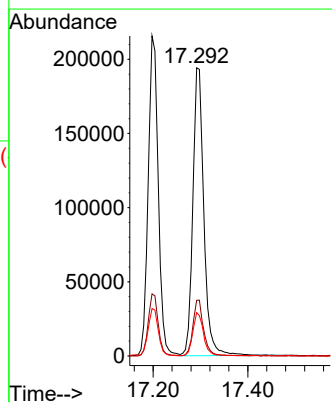
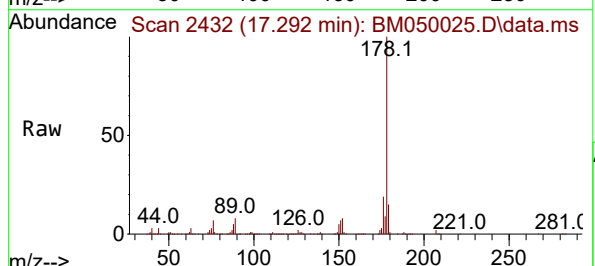
Manual Integrations
APPROVED

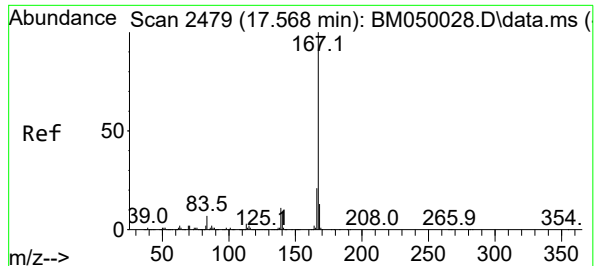
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 4.651 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

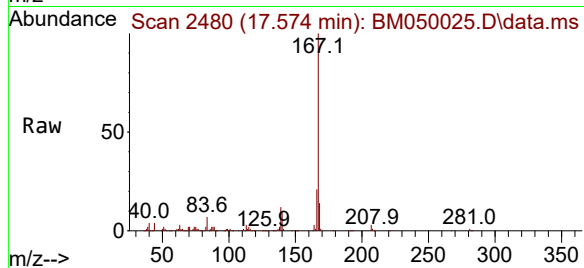
Tgt Ion:178 Resp: 314149
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.0 12.2 18.4





#73
Carbazole
Concen: 4.586 ng
RT: 17.574 min Scan# 2479
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

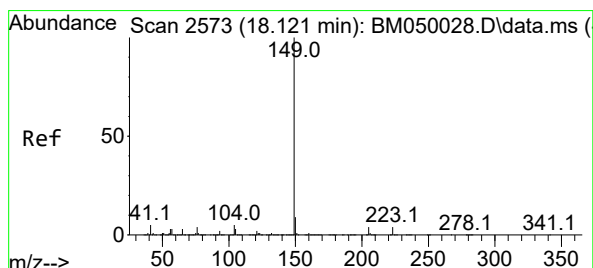
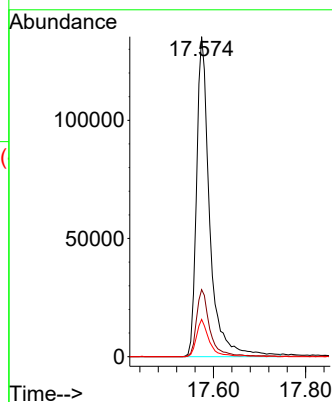
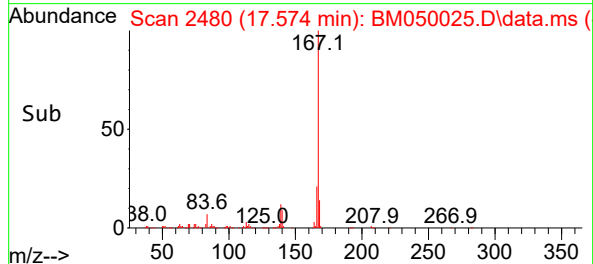
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:167 Resp: 268774
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 11.7 9.0 13.6

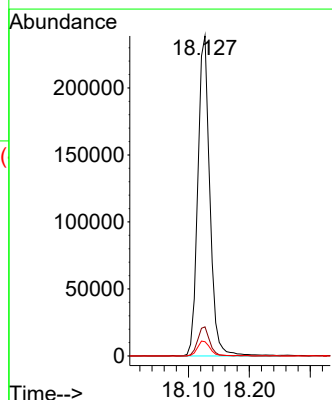
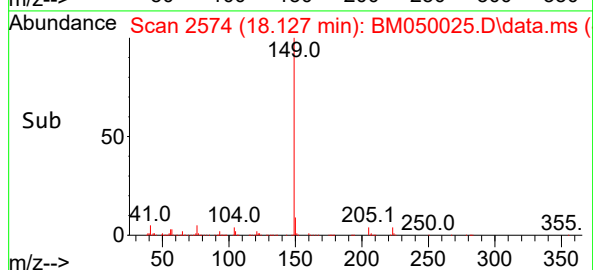
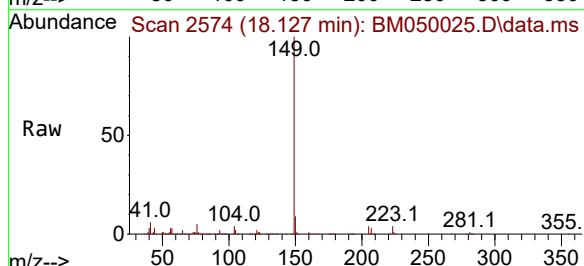
Manual Integrations
APPROVED

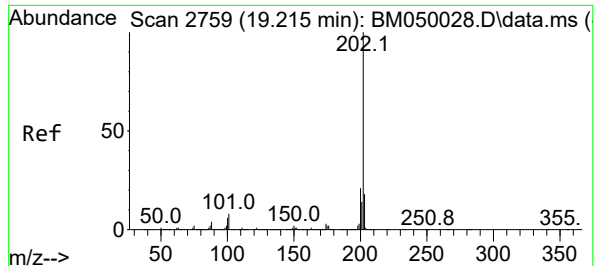
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 4.688 ng
RT: 18.127 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

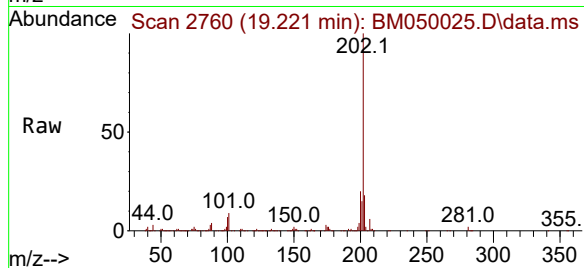
Tgt Ion:149 Resp: 327178
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.4 3.8 5.6





#75
Fluoranthene
Concen: 4.449 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

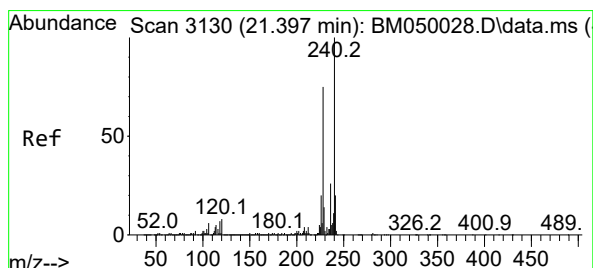
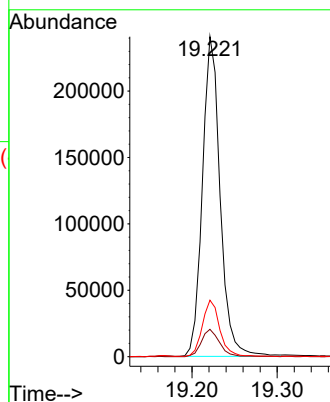
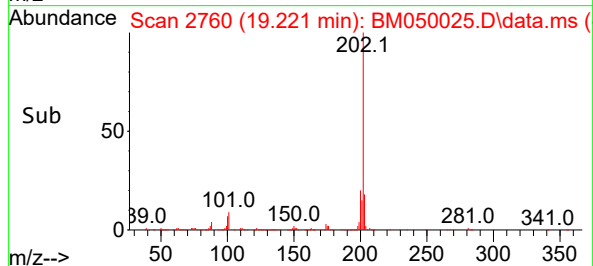
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 34859
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.0
203 17.6 0.0 37.7

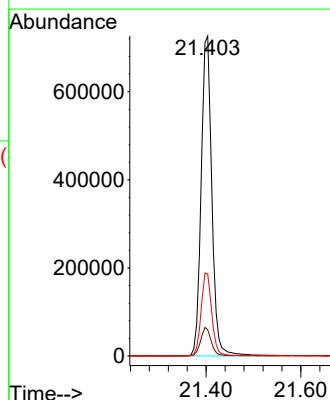
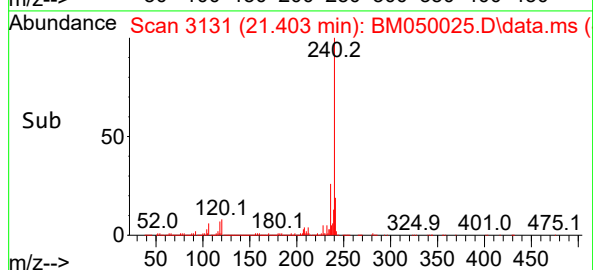
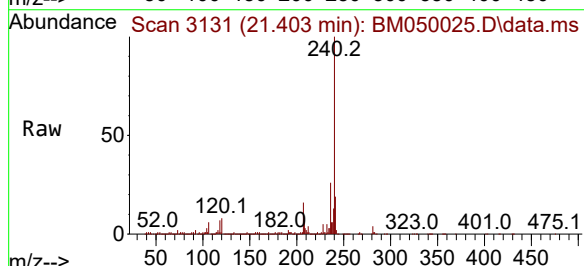
Manual Integrations
APPROVED

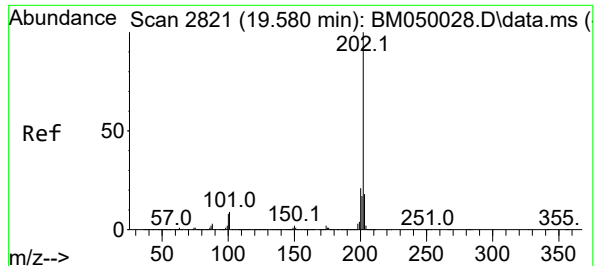
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

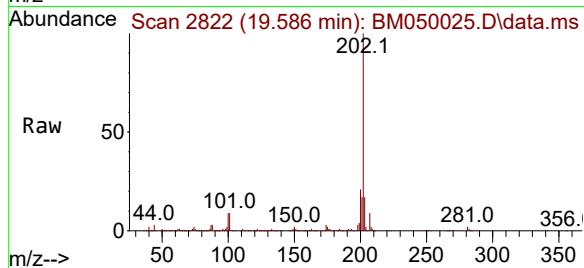
Tgt Ion:240 Resp: 1136162
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.6 20.9 31.3





#78
Pyrene
Concen: 4.593 ng
RT: 19.586 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

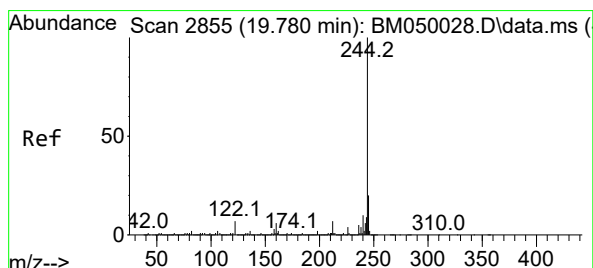
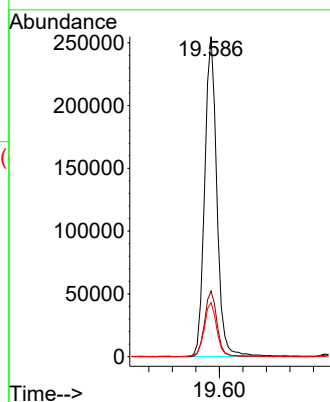
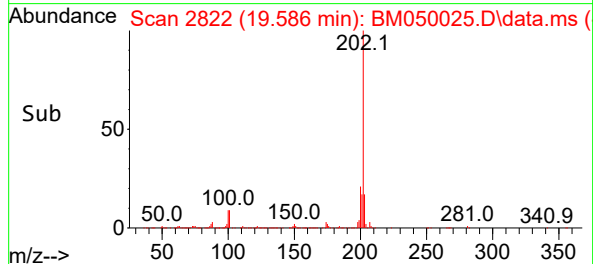
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 36647
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 16.9 14.1 21.1

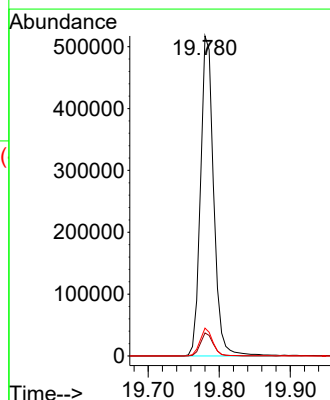
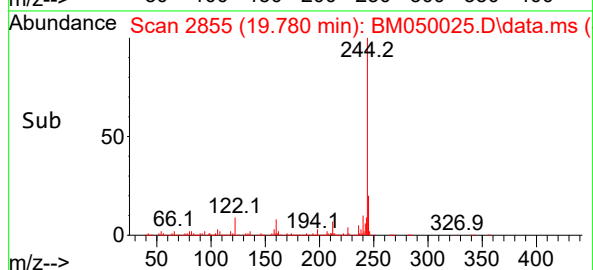
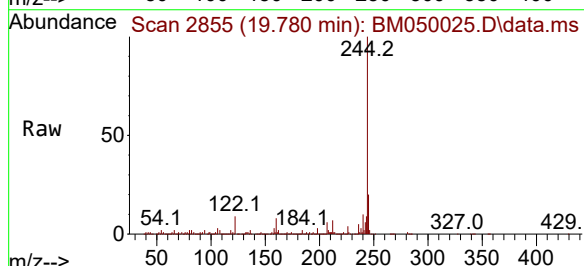
Manual Integrations
APPROVED

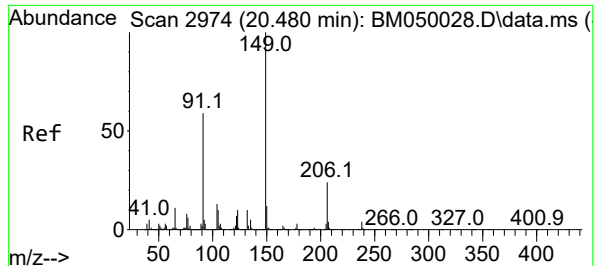
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#79
Terphenyl-d14
Concen: 8.704 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:244 Resp: 668289
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 8.7 5.6 8.4#





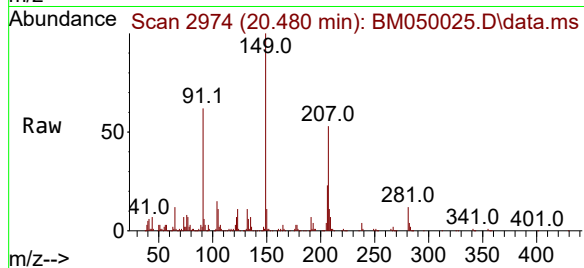
#80
Butylbenzylphthalate
Concen: 4.646 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

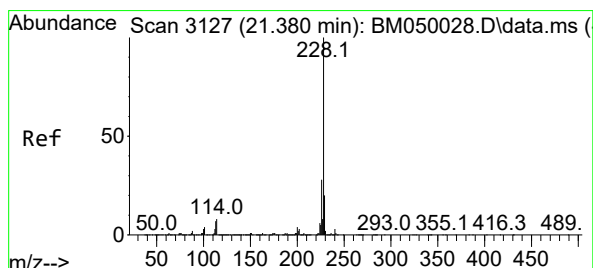
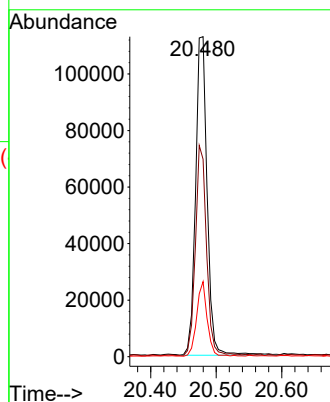
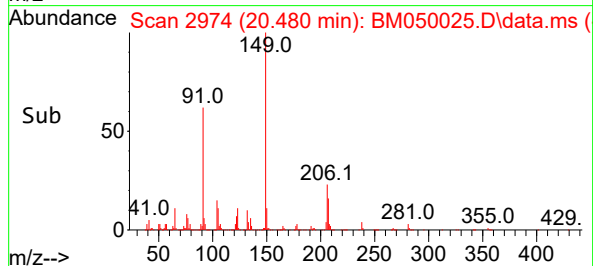


Tgt Ion:149 Resp: 138827
Ion Ratio Lower Upper
149 100
91 61.7 47.4 71.2
206 23.4 19.4 29.0

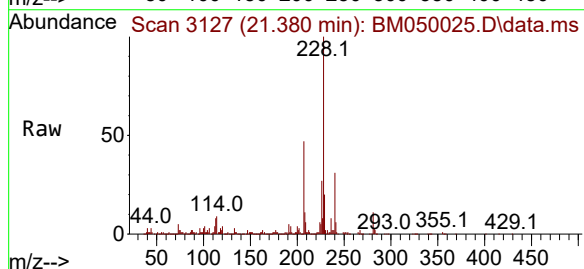
Manual Integrations

APPROVED

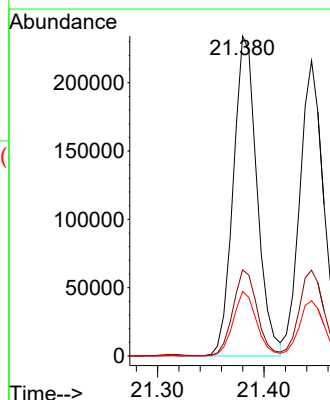
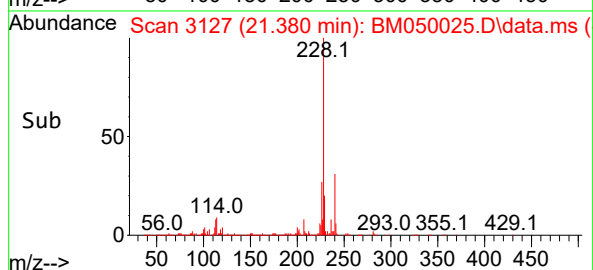
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

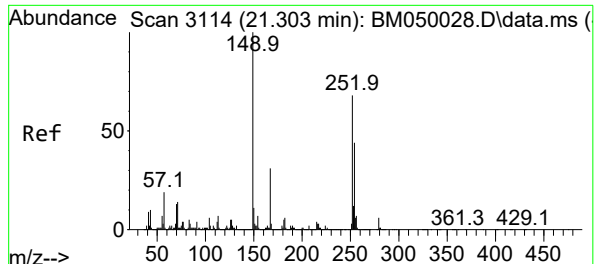


#81
Benzo(a)anthracene
Concen: 4.648 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



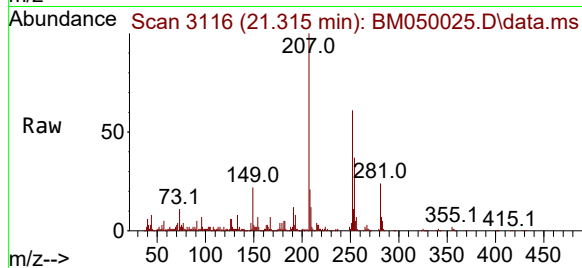
Tgt Ion:228 Resp: 363641
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 20.1 15.7 23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.119 ng
RT: 21.315 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

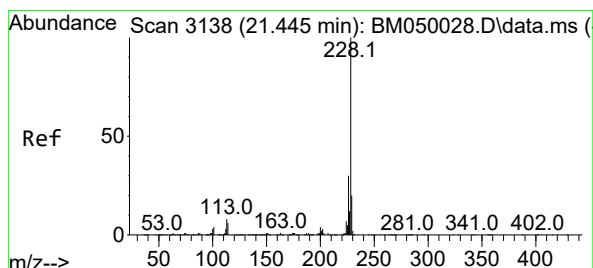
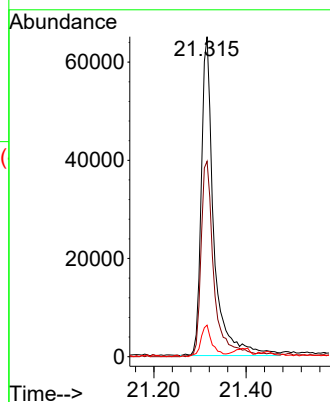
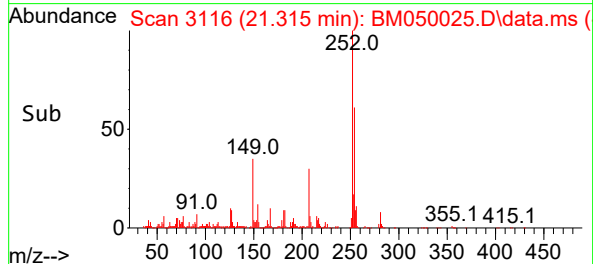
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 123375
Ion Ratio Lower Upper
252 100
254 61.0 51.8 77.6
126 9.9 6.0 9.0

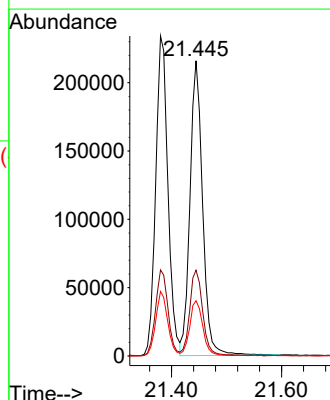
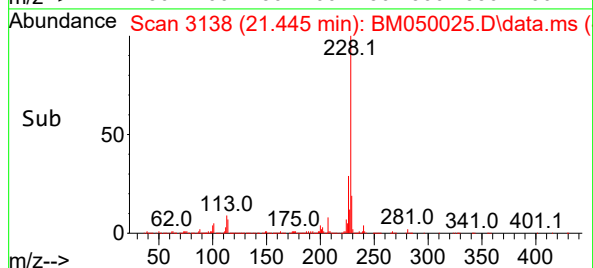
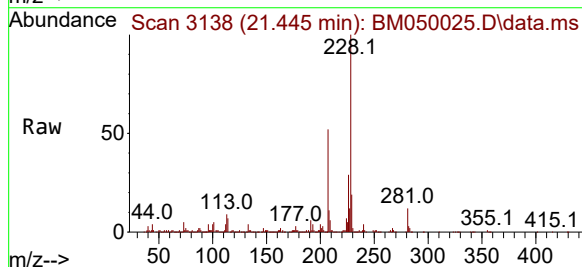
Manual Integrations
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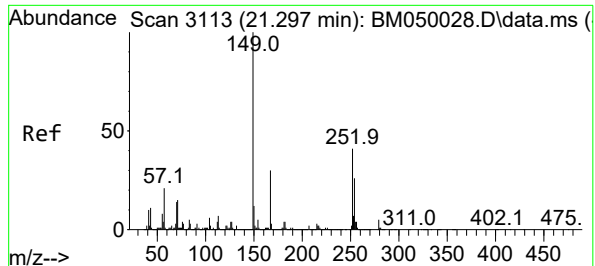
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#83
Chrysene
Concen: 4.738 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

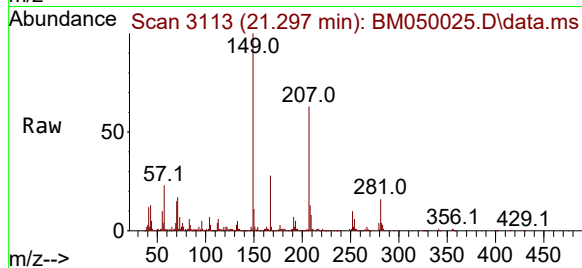
Tgt Ion:228 Resp: 343085
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.2
229 18.7 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.620 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

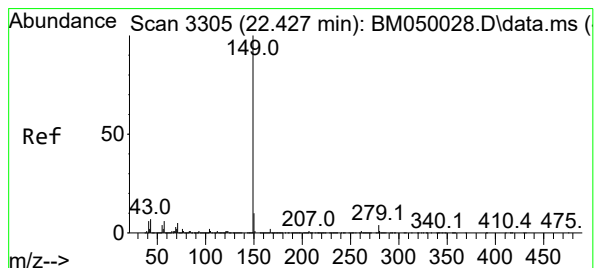
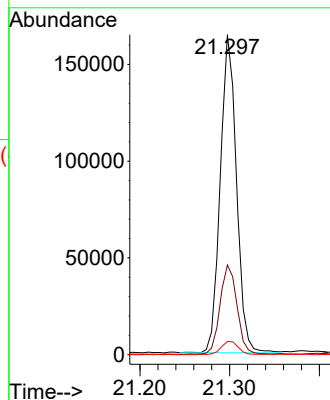
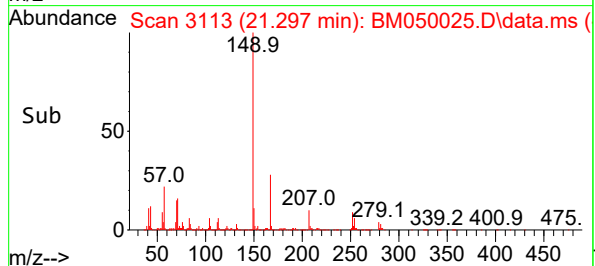
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 20623
Ion Ratio Lower Upper
149 100
167 28.0 24.1 36.1
279 4.1 3.9 5.9

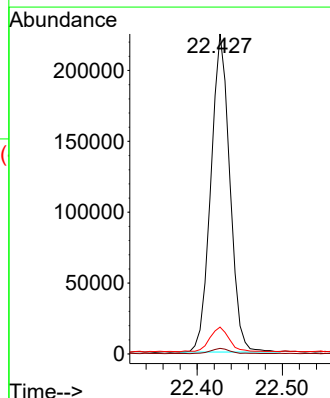
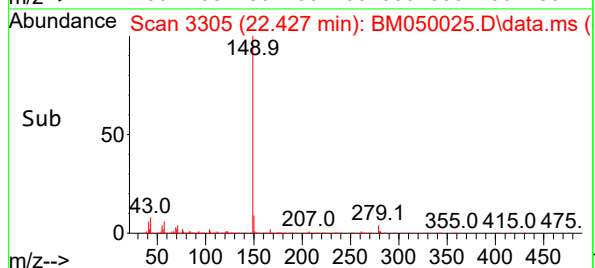
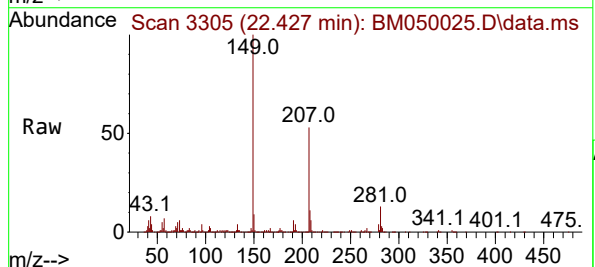
Manual Integrations
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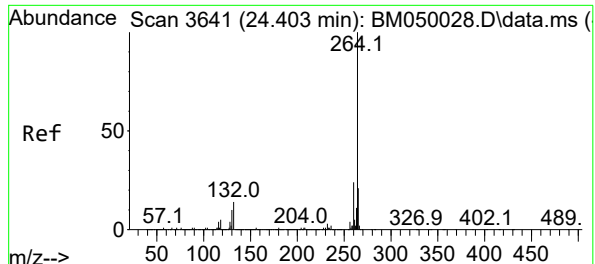
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#85
Di-n-octyl phthalate
Concen: 4.711 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

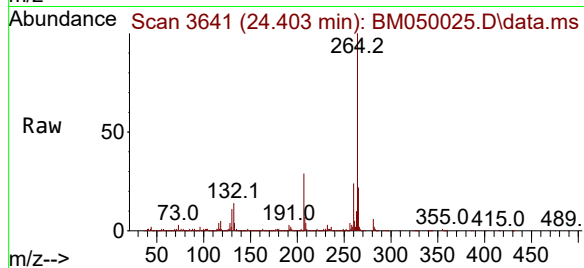
Tgt Ion:149 Resp: 346799
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.0 5.8 8.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

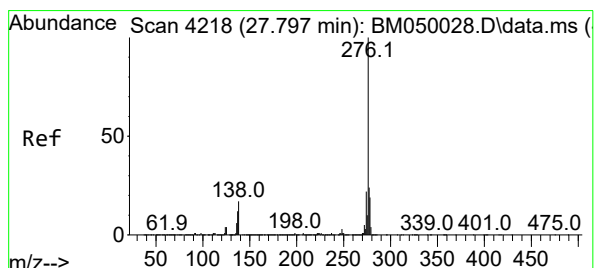
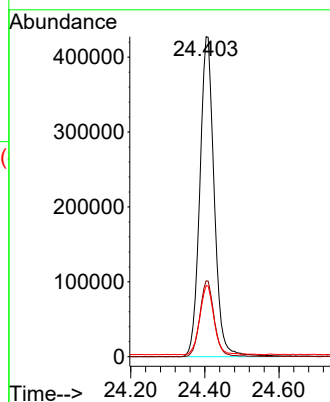
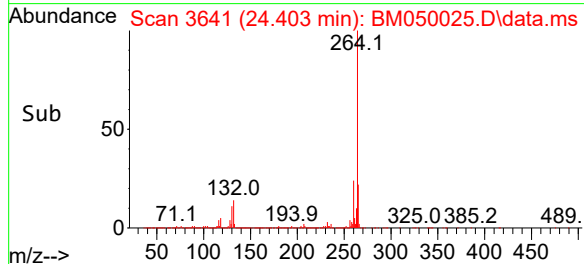
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:264 Resp: 1149910
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.2 17.0 25.4

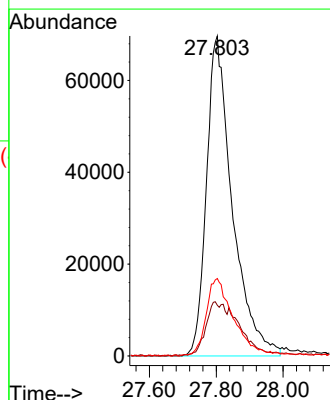
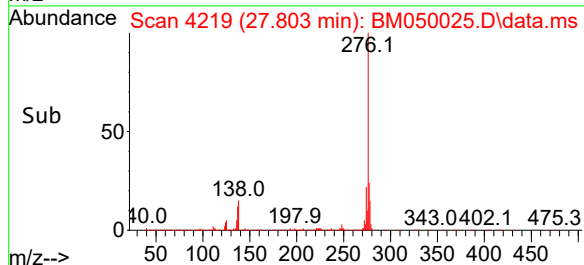
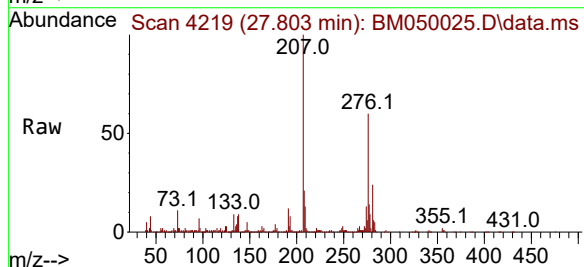
Manual Integrations
APPROVED

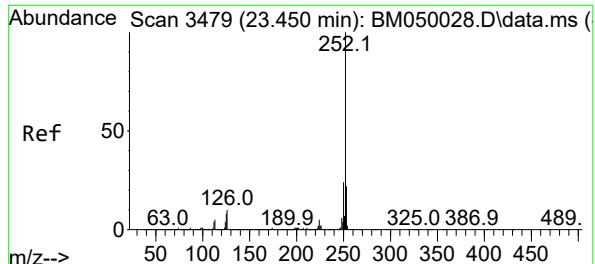
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.364 ng
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

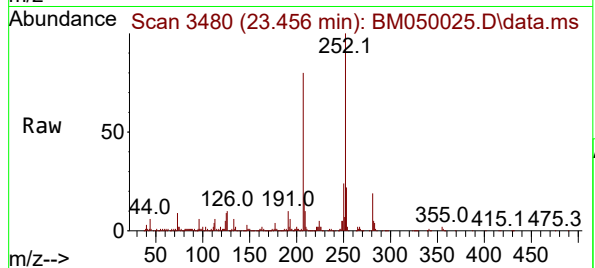
Tgt Ion:276 Resp: 373944
Ion Ratio Lower Upper
276 100
138 8.9 16.4 24.6#
277 25.9 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 4.338 ng
RT: 23.456 min Scan# 3479
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

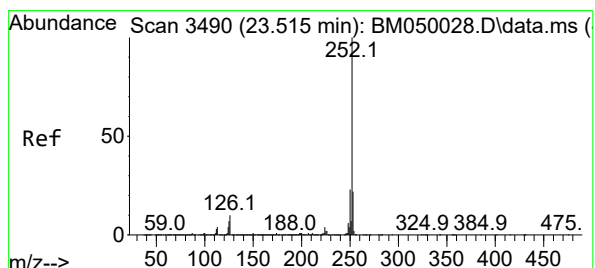
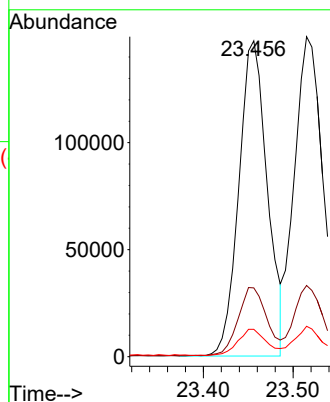
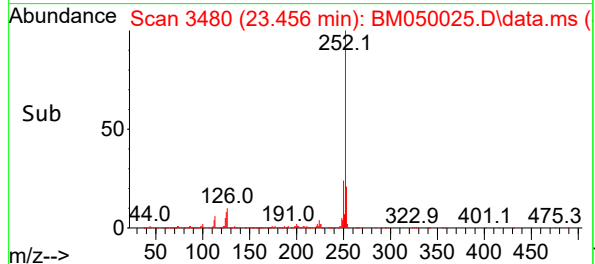
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 32439
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.7 6.1 9.1

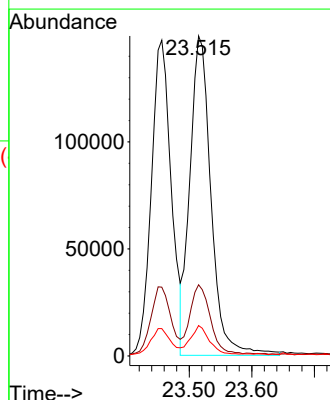
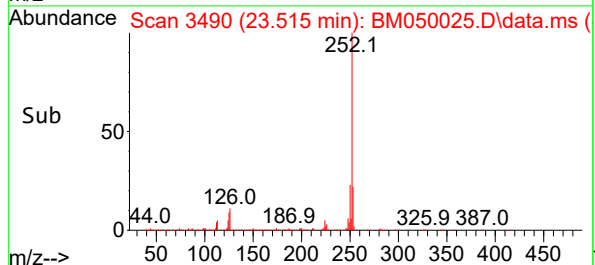
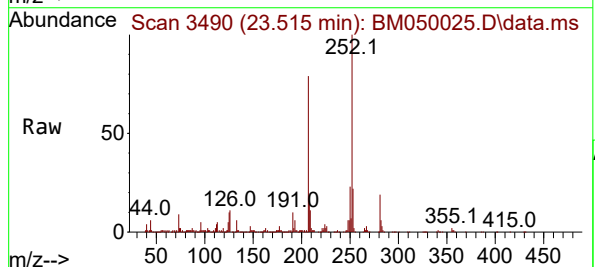
Manual Integrations
APPROVED

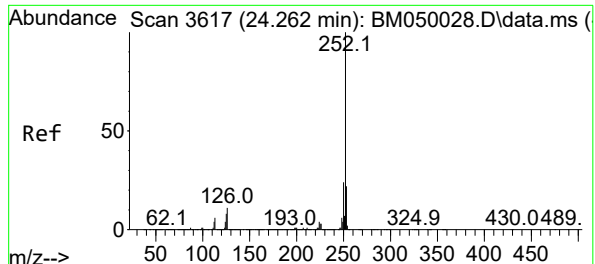
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#89
Benzo(k)fluoranthene
Concen: 4.631 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

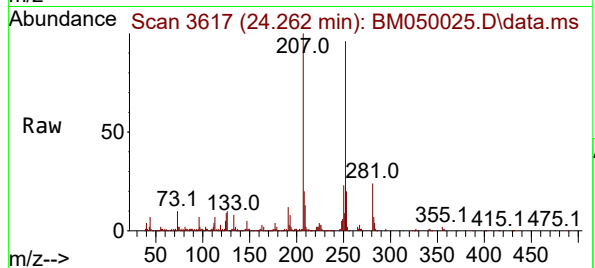
Tgt Ion:252 Resp: 350374
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.5 5.8 8.8#





#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

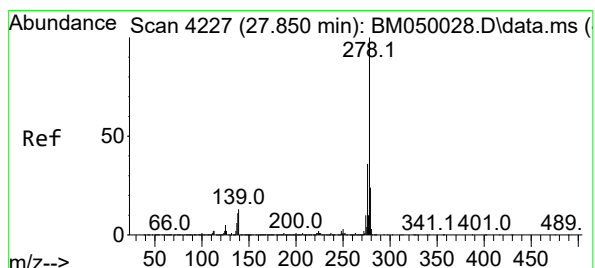
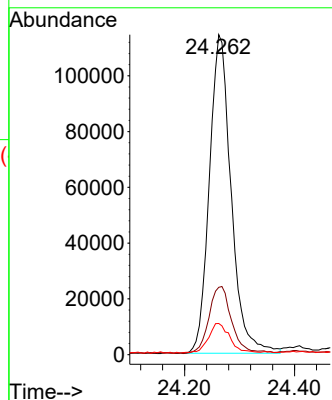
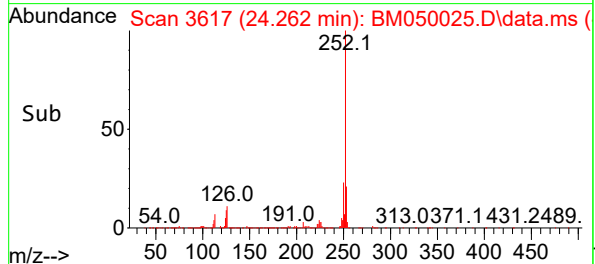
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



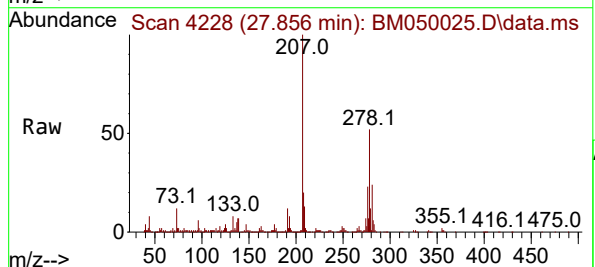
Tgt Ion:252 Resp: 314608
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 9.7 6.6 9.8

Manual Integrations
APPROVED

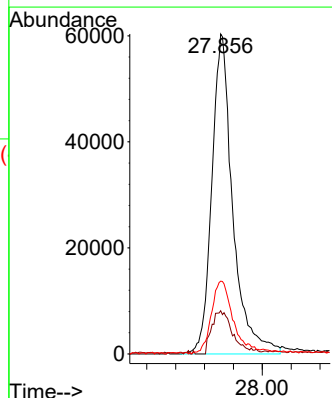
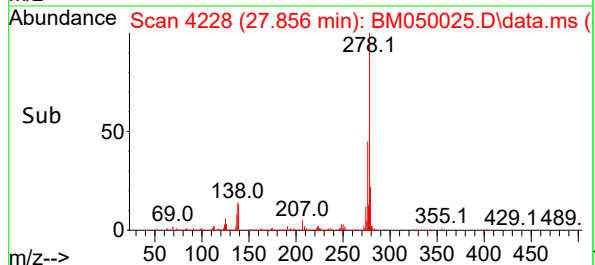
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

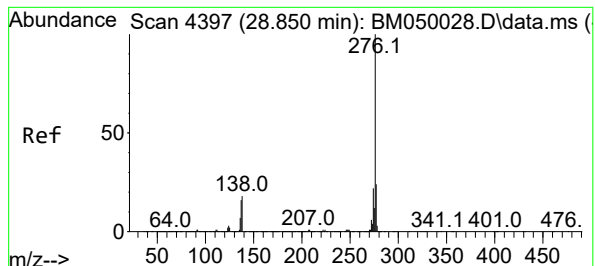


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



Tgt Ion:278 Resp: 303557
Ion Ratio Lower Upper
278 100
139 13.5 10.5 15.7
279 22.8 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 4.585 ng

RT: 28.862 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM050025.D

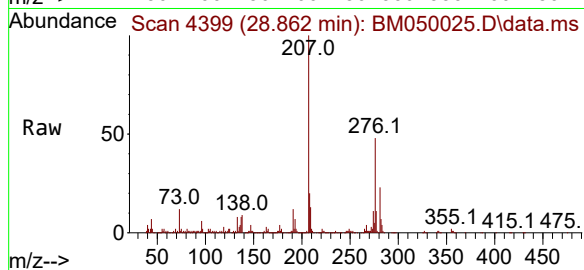
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 30657

Ion Ratio Lower Upper

276 100

277 22.1 19.1 28.7

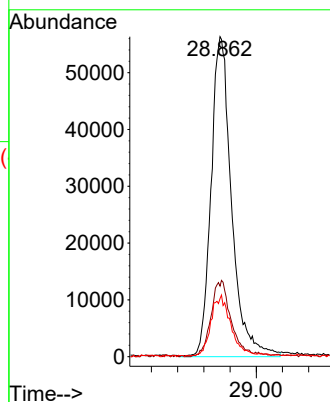
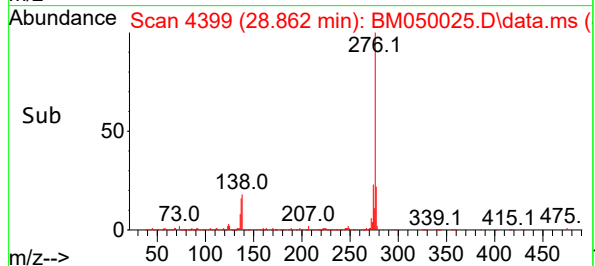
138 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng	0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	269870	18.894	ng	0.00
7) Phenol-d6	6.957	99	329701	18.366	ng	0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng	0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	58048	9.478	ng	98
3) Pyridine	3.663	79	145801	9.266	ng	98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	# 93
6) Aniline	7.098	93	211256	9.319	ng	100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng	99
9) Benzaldehyde	6.916	77	115030m	9.587	ng	
10) Phenol	6.981	94	168041	9.246	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng	100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng	96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng	99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng	100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng	97
17) 2-Methylphenol	8.228	107	111639	9.325	ng	99
18) Hexachloroethane	8.845	117	63487	9.530	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng	98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng	99
22) Acetophenone	8.592	105	214790	9.325	ng	98
24) Nitrobenzene	8.969	77	150534	9.259	ng	99
25) Isophorone	9.498	82	300179	9.366	ng	99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng	97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng	97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng	99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng	97
31) Naphthalene	10.610	128	444206	9.467	ng	99
32) Benzoic acid	9.875	122	63971m	7.282	ng	
33) 4-Chloroaniline	10.739	127	181907	9.458	ng	99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng	99
35) Caprolactam	11.516	113	39344	8.745	ng	94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng	98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng	97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng	97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng	99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng	96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng	99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng	99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng	94
49) Acenaphthylene	14.133	152	545774	9.235	ng	100
50) Dimethylphthalate	13.868	163	438261	9.419	ng	99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng	98
52) Acenaphthene	14.474	154	317735	9.288	ng	98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	# 99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng	96
55) Dibenzofuran	14.810	168	535023	9.401	ng	99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng	96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng	95
58) Fluorene	15.462	166	427384	9.174	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng	98
60) Diethylphthalate	15.233	149	414149	9.447	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng	94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng	
63) Azobenzene	15.745	77	347347	9.454	ng	99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng	93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng	99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng	99
69) Atrazine	16.621	200	126168	8.937	ng	98
70) Pentachlorophenol	16.827	266	74839	7.483	ng	95
71) Phenanthrene	17.198	178	659374	9.172	ng	100
72) Anthracene	17.292	178	661260	9.089	ng	99
73) Carbazole	17.568	167	573667	9.087	ng	99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng	99
75) Fluoranthene	19.221	202	727607	8.621	ng	99
77) Benzidine	19.415	184	339970	7.887	ng	99
78) Pyrene	19.586	202	761625	8.937	ng	99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng	93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng	100
83) Chrysene	21.444	228	709862	9.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng	98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng	99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng	99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng	98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng	99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng	98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

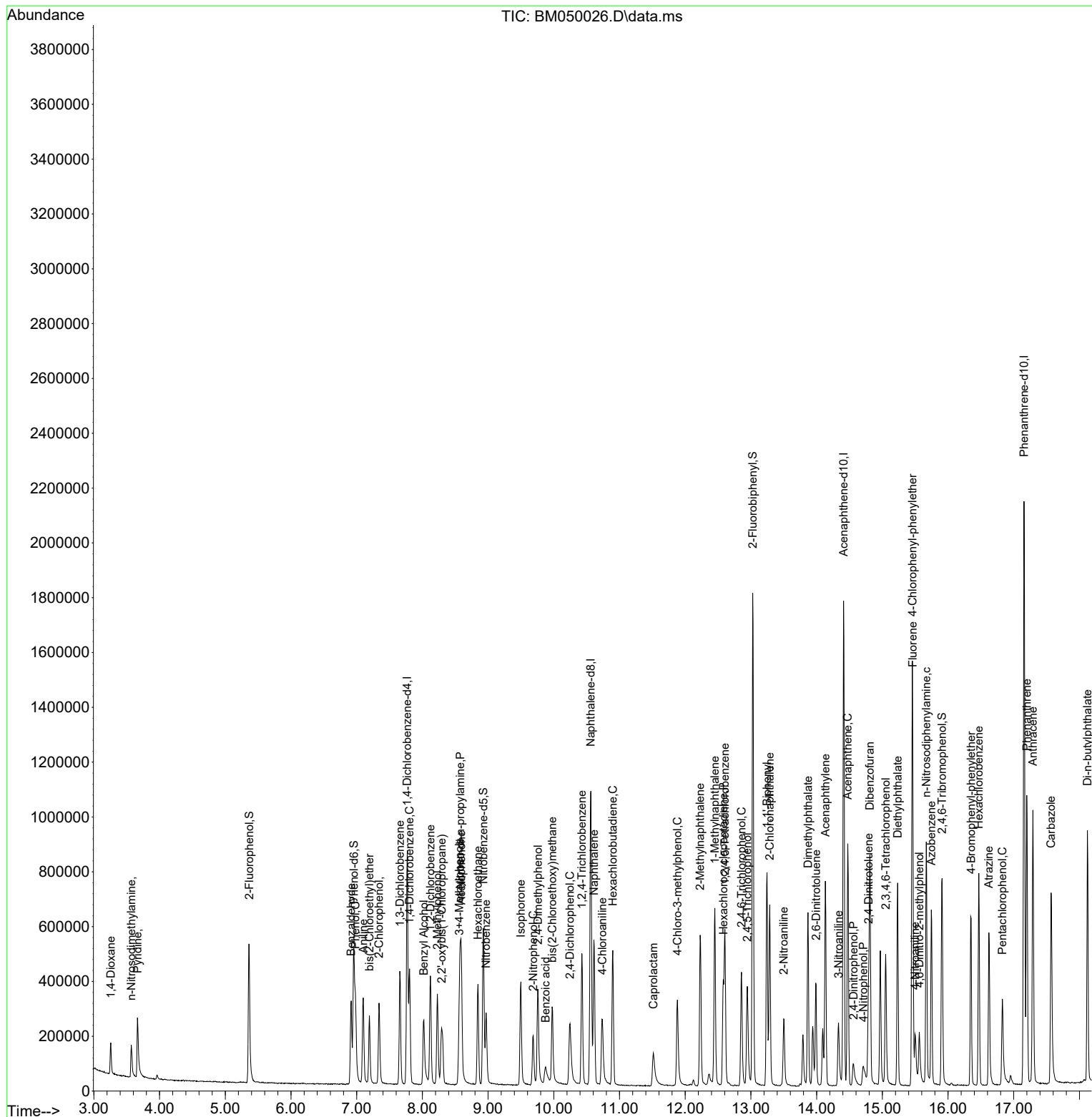
Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration



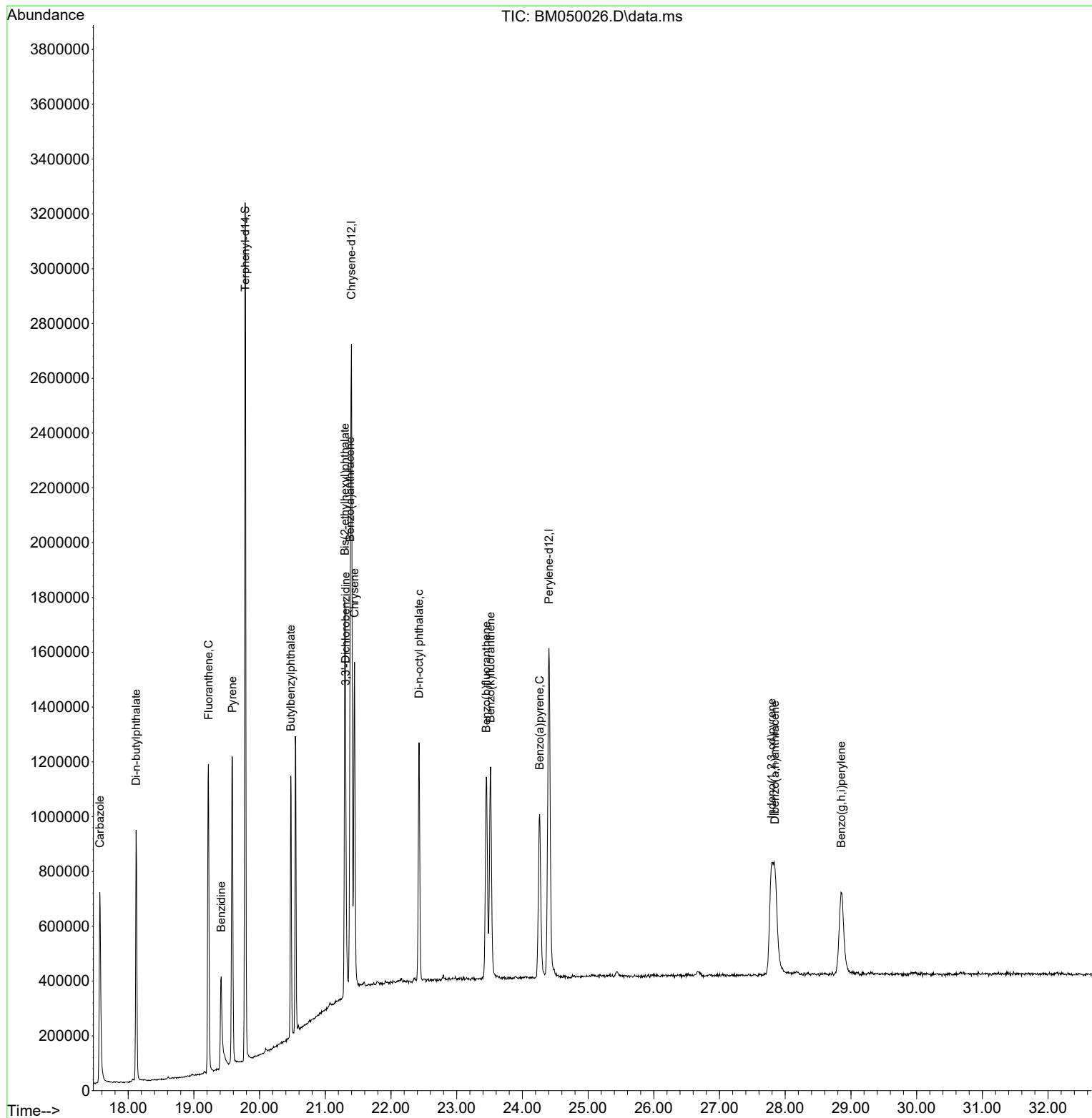
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

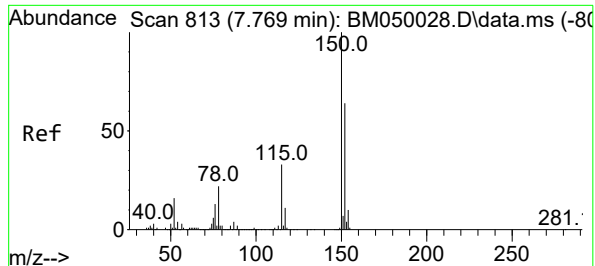
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

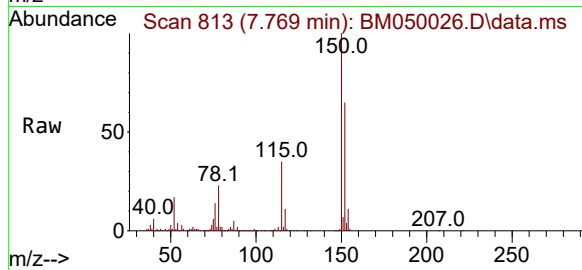
Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

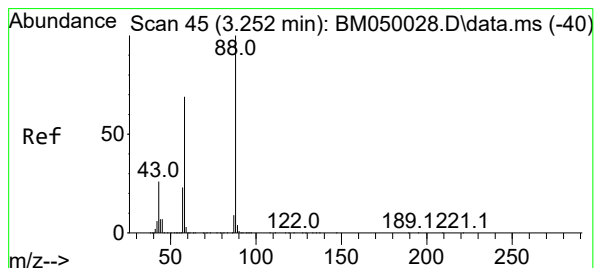
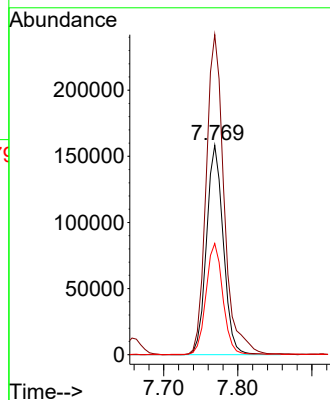
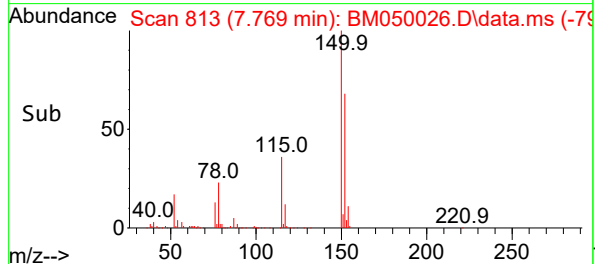
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 250110
Ion Ratio Lower Upper
152 100
150 152.8 124.1 186.1
115 53.1 41.2 61.8

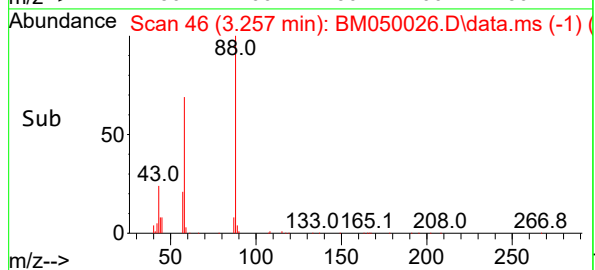
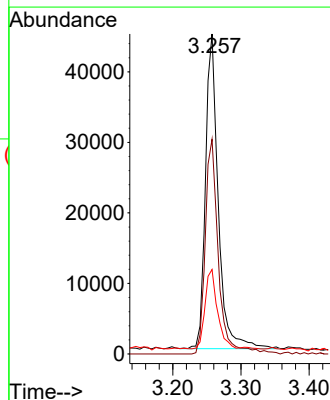
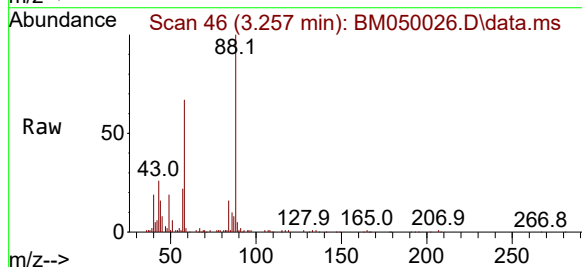
Manual Integrations
APPROVED

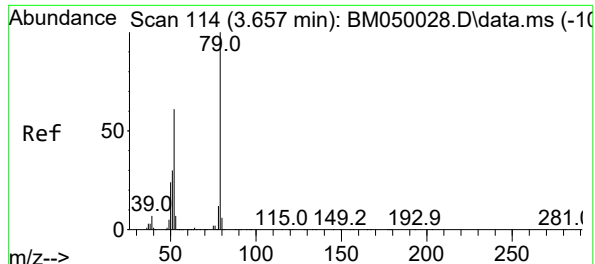
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 9.478 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 88 Resp: 58048
Ion Ratio Lower Upper
88 100
58 70.3 55.1 82.7
43 24.7 20.9 31.3





#3

Pyridine

Concen: 9.266 ng

RT: 3.663 min Scan# 114

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 14580

Ion Ratio Lower Upper

79 100

52 61.3 48.6 72.8

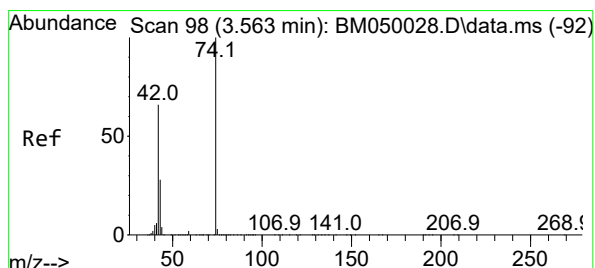
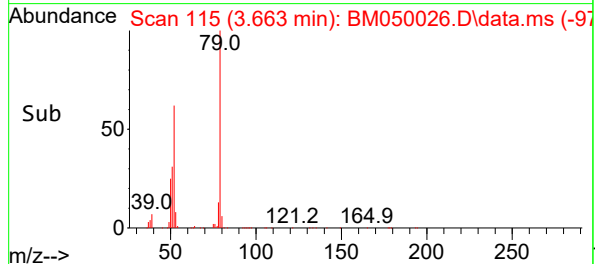
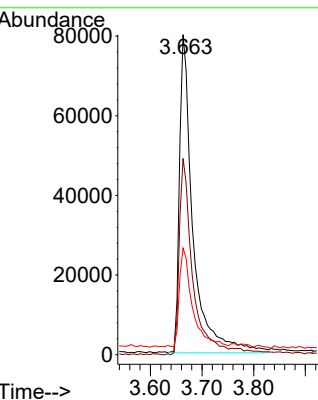
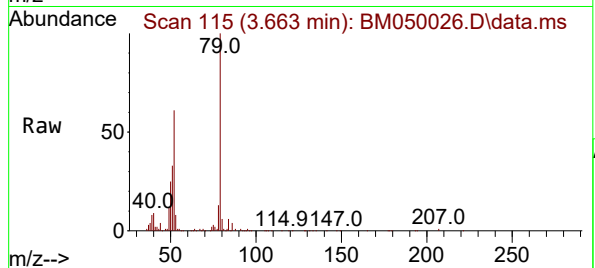
51 33.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#4

n-Nitrosodimethylamine

Concen: 9.302 ng

RT: 3.569 min Scan# 99

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

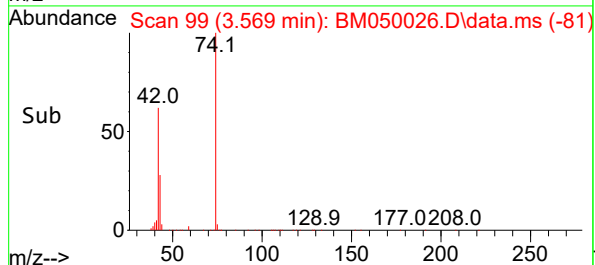
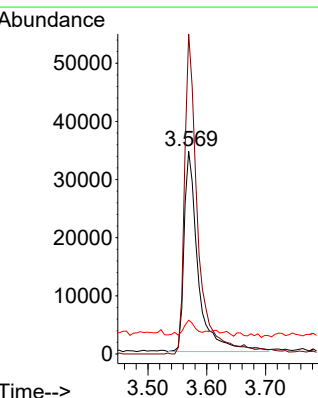
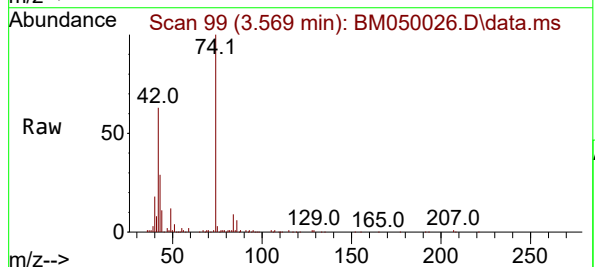
Tgt Ion: 42 Resp: 57404

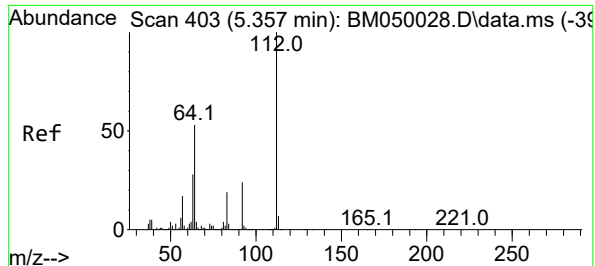
Ion Ratio Lower Upper

42 100

74 157.9 120.2 180.2

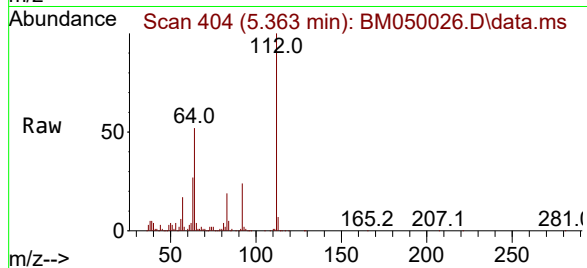
44 16.6 6.2 9.2





#5
2-Fluorophenol
Concen: 18.894 ng
RT: 5.363 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

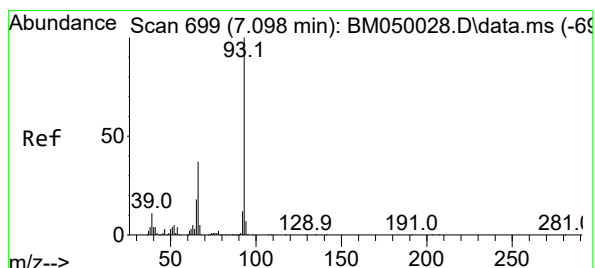
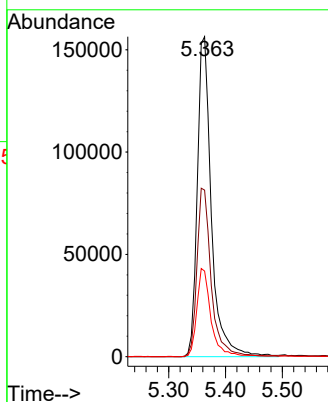
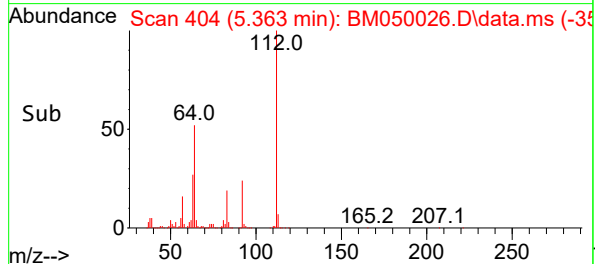
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 269870
Ion Ratio Lower Upper
112 100
64 52.1 42.6 64.0
63 26.8 22.2 33.4

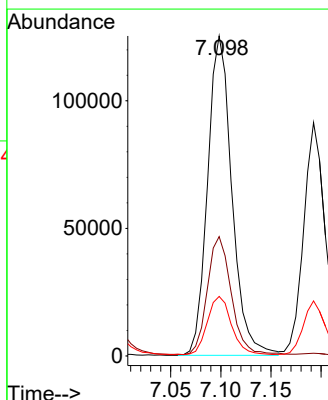
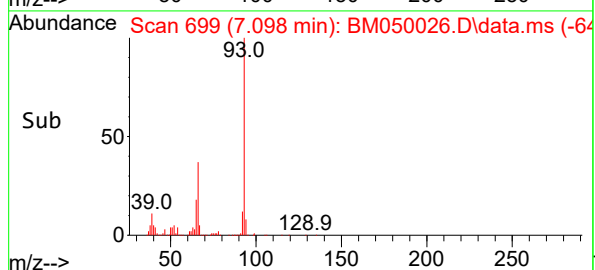
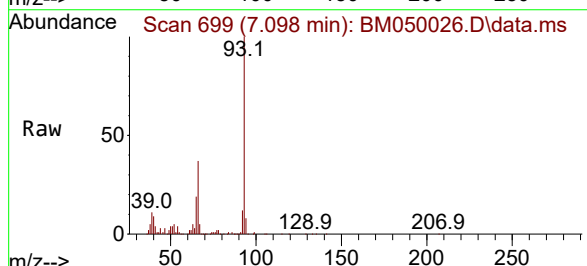
Manual Integrations
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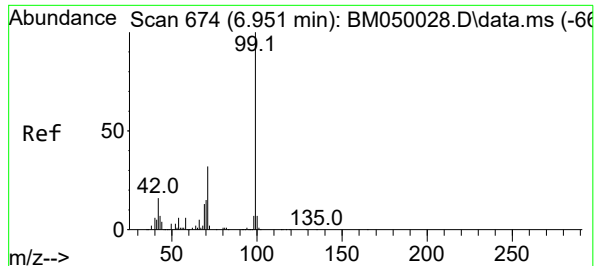
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#6
Aniline
Concen: 9.319 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 211256
Ion Ratio Lower Upper
93 100
66 37.3 29.9 44.9
65 18.6 14.5 21.7





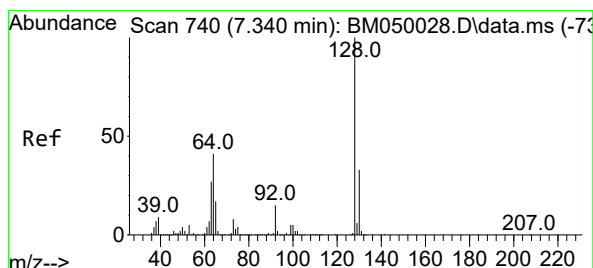
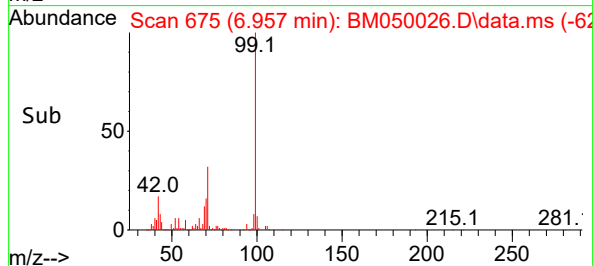
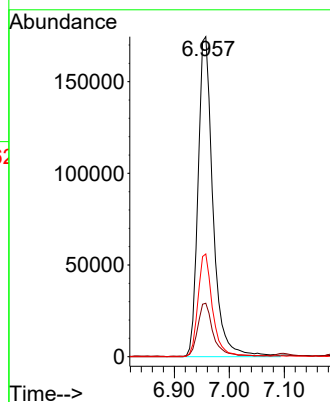
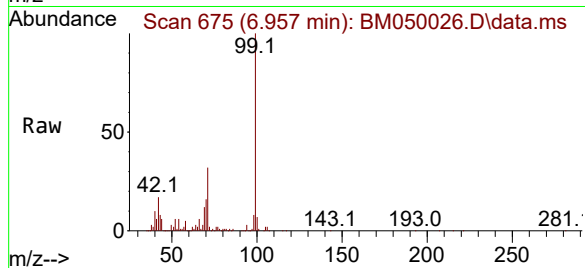
#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 32970
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.4
71 32.1 25.6 38.4

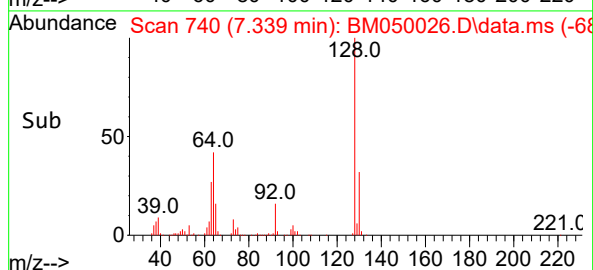
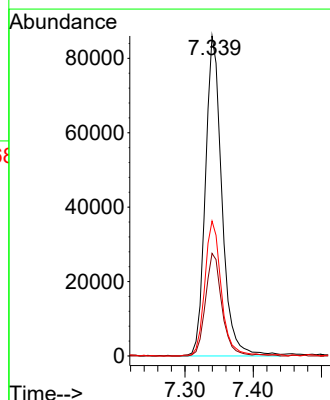
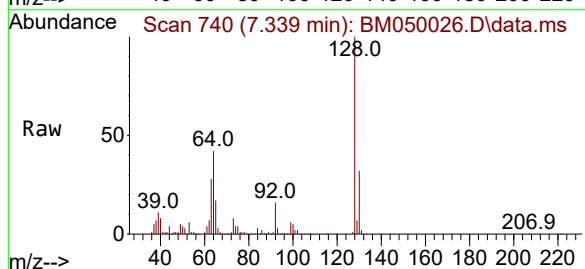
Manual Integrations
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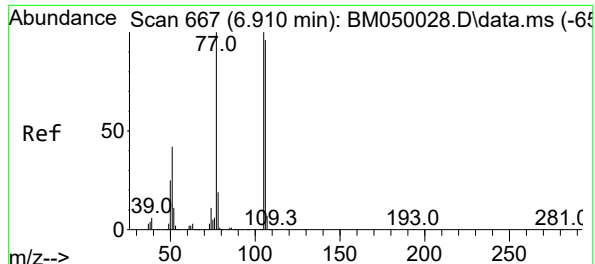
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 9.404 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

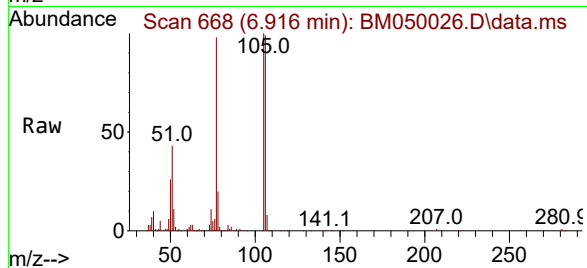
Tgt Ion:128 Resp: 145228
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 42.2 21.2 61.2





#9
Benzaldehyde
Concen: 9.587 ng m
RT: 6.916 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

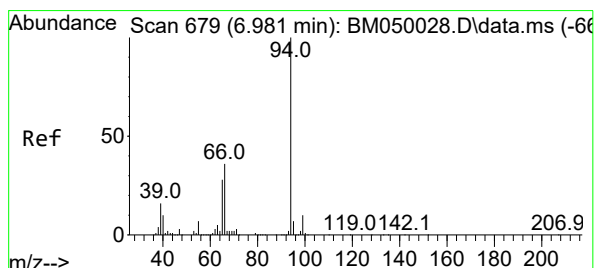
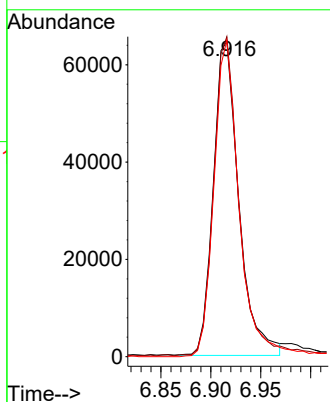
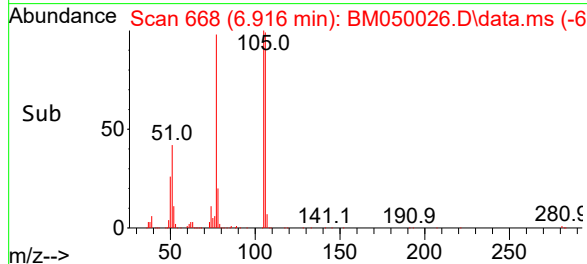
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 115030
Ion Ratio Lower Upper
77 100
105 101.6 80.5 120.5
106 100.5 76.1 116.1

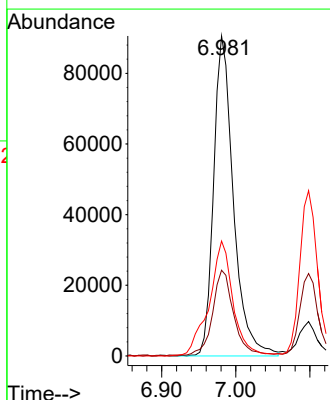
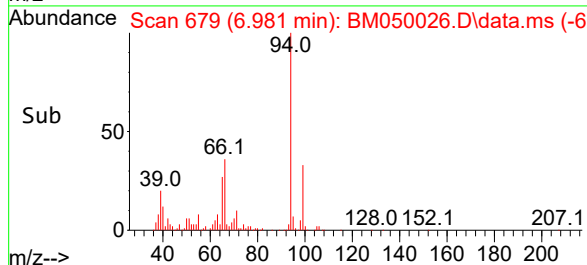
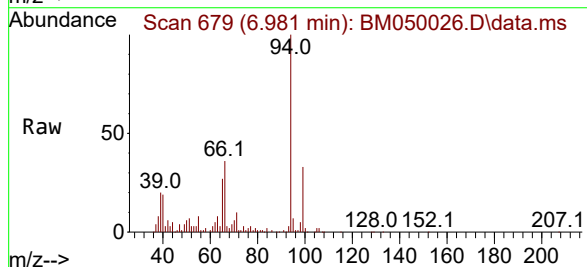
Manual Integrations
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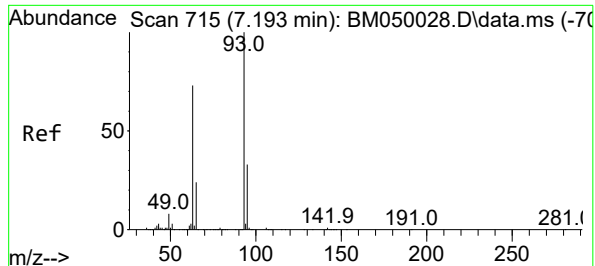
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 9.246 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 94 Resp: 168041
Ion Ratio Lower Upper
94 100
65 26.8 7.6 47.6
66 35.9 15.8 55.8





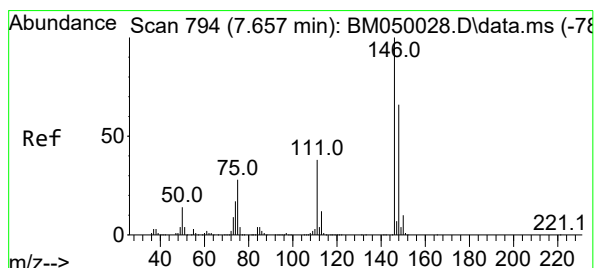
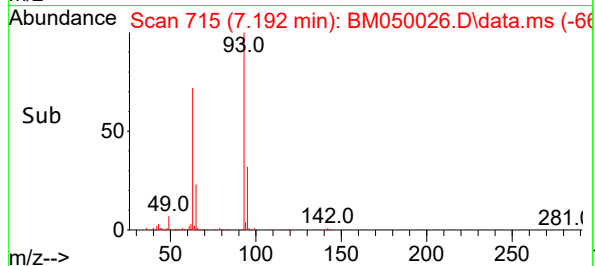
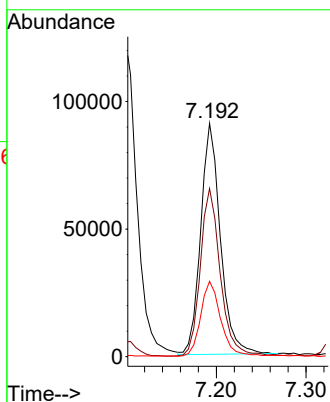
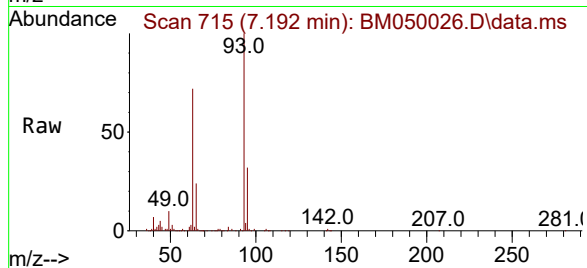
#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 13819
Ion Ratio Lower Upper
93 100
63 72.0 52.3 92.3
95 32.3 12.8 52.8

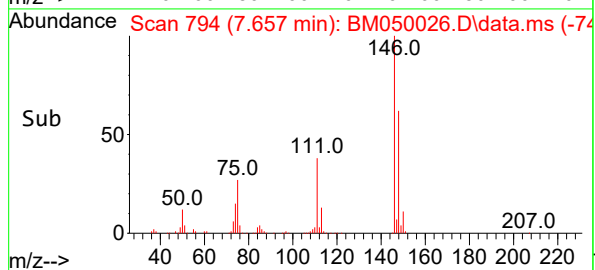
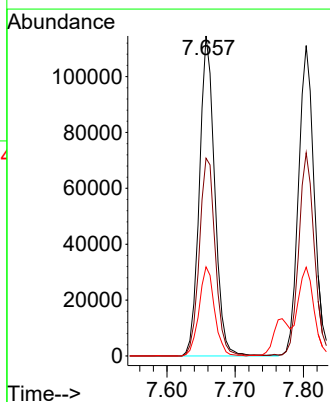
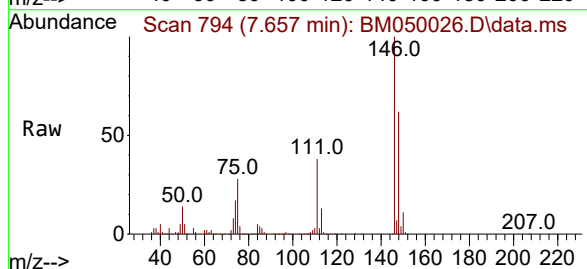
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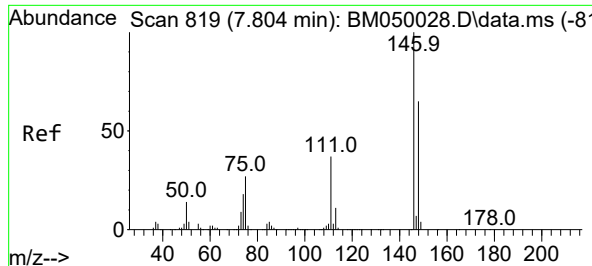
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 9.572 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 178565
Ion Ratio Lower Upper
146 100
148 61.8 52.5 78.7
75 27.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 9.461 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 177312

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

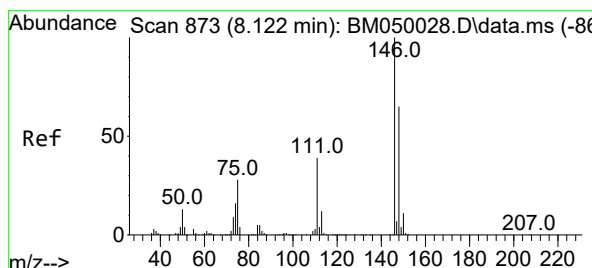
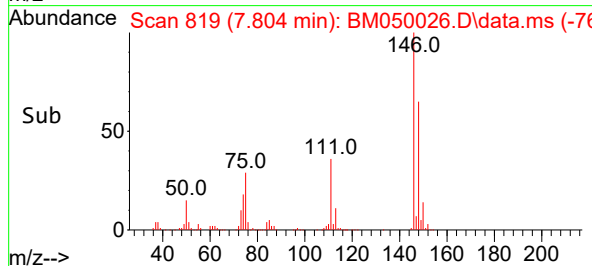
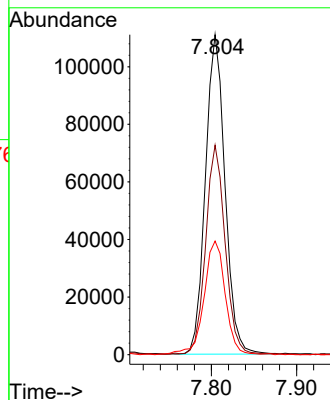
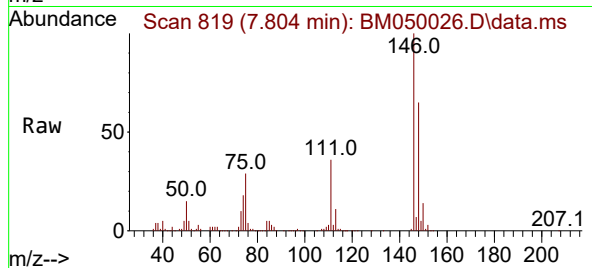
111 35.5 29.3 43.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 9.624 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

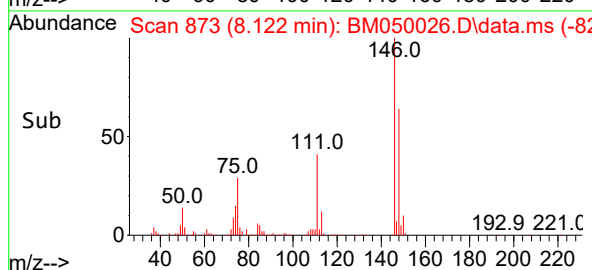
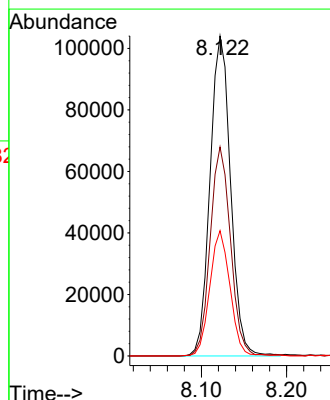
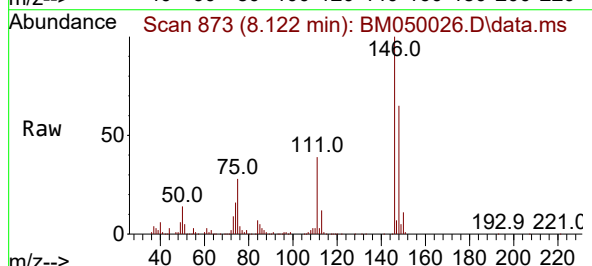
Tgt Ion:146 Resp: 174224

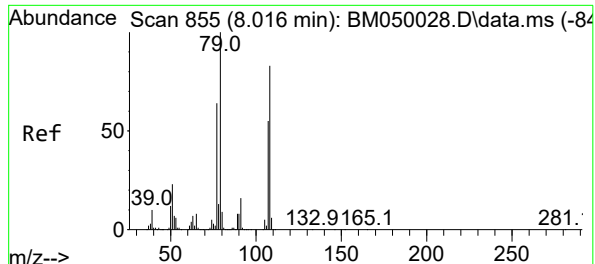
Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

111 39.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 8.854 ng

RT: 8.022 min Scan# 855

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 110234

Ion Ratio Lower Upper

79 100

108 83.7 66.0 99.0

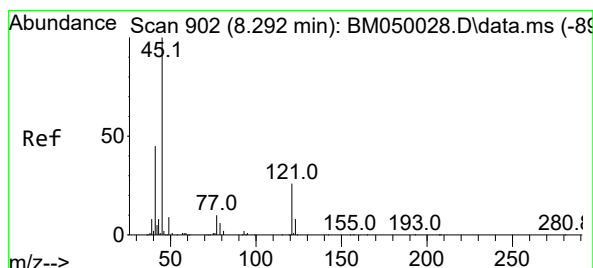
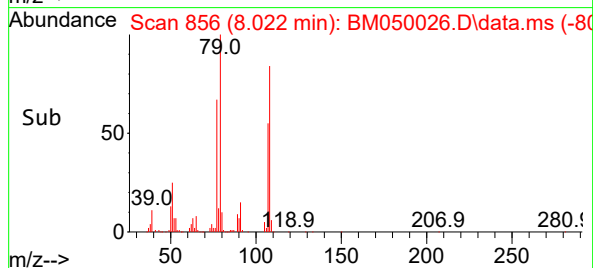
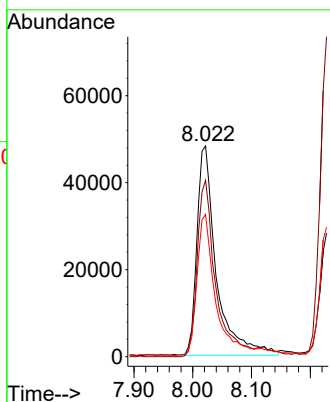
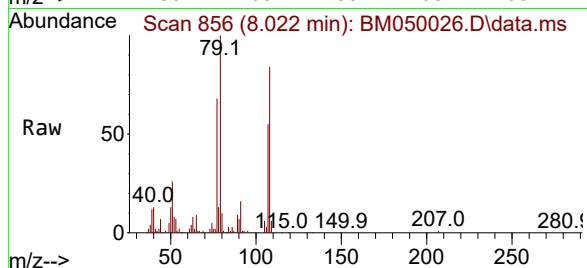
77 67.5 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.637 ng

RT: 8.292 min Scan# 902

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

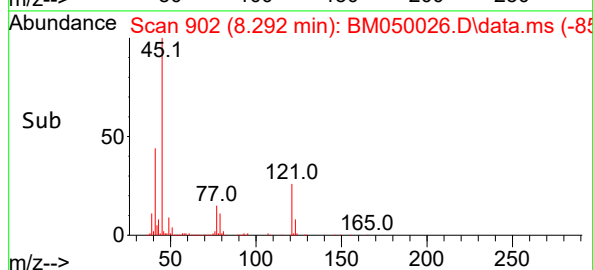
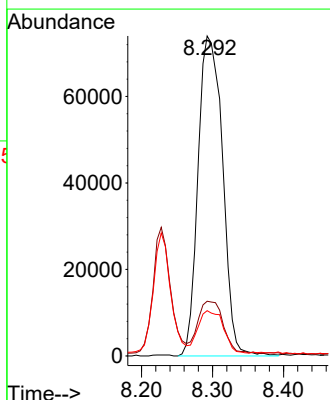
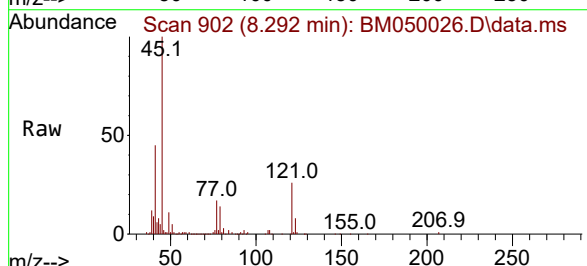
Tgt Ion: 45 Resp: 177776

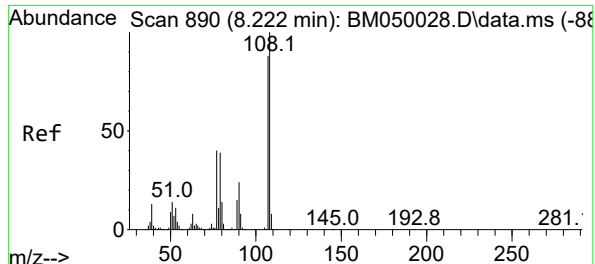
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.4

79 14.1 0.0 32.7





#17

2-Methylphenol

Concen: 9.325 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050026.D

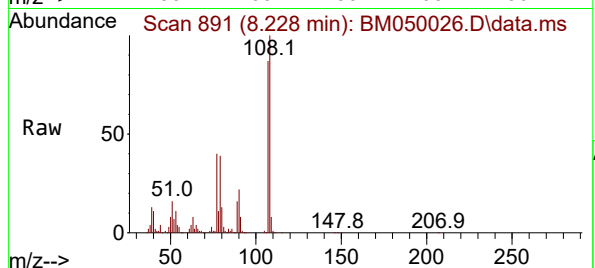
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 111639

Ion Ratio Lower Upper

107 100

108 115.1 91.1 136.7

77 46.6 36.2 54.4

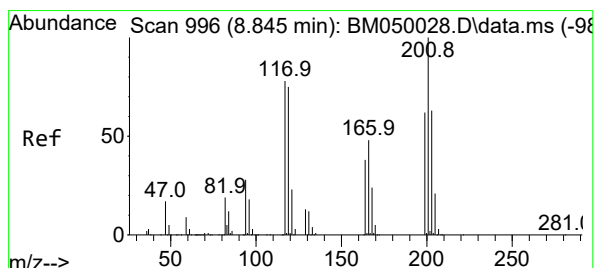
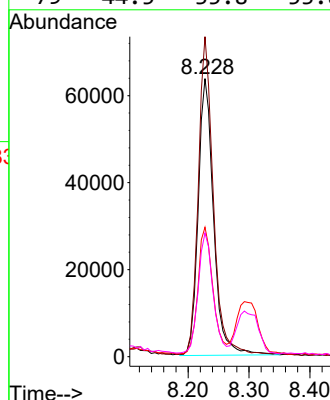
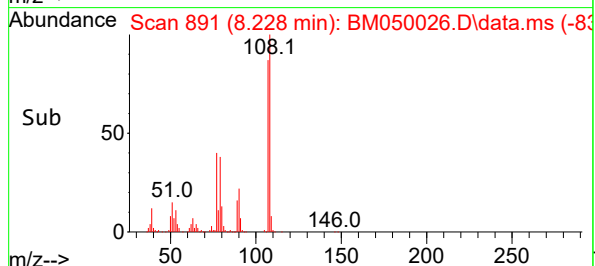
79 44.5 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

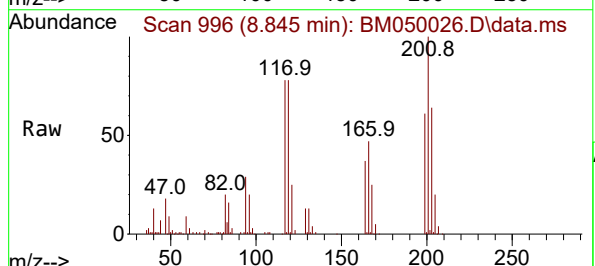
Concen: 9.530 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48



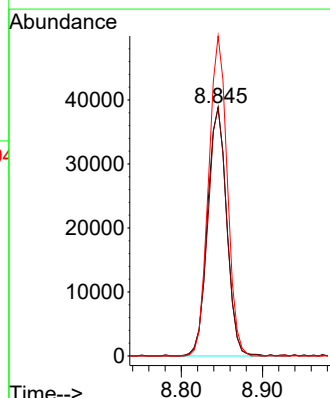
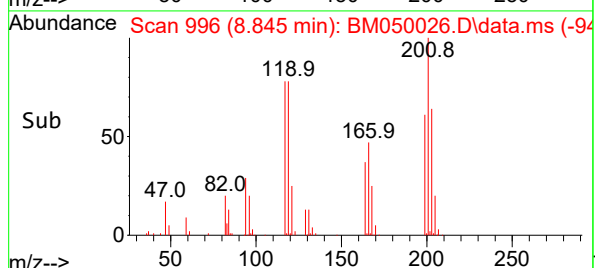
Tgt Ion:117 Resp: 63487

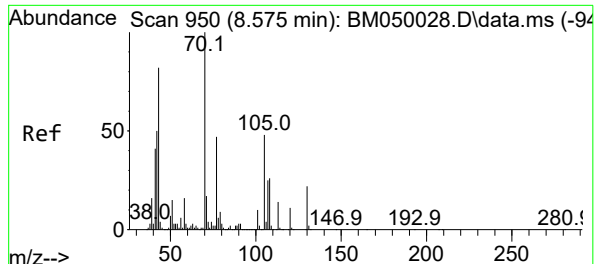
Ion Ratio Lower Upper

117 100

119 100.3 77.3 115.9

201 129.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.609 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 11064

Ion Ratio Lower Upper

70 100

42 51.9 40.5 60.7

101 8.8 7.8 11.6

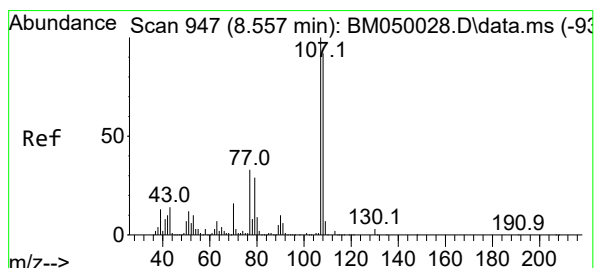
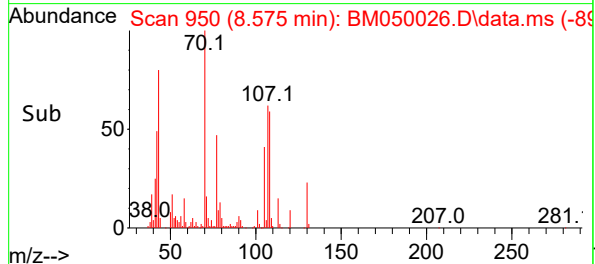
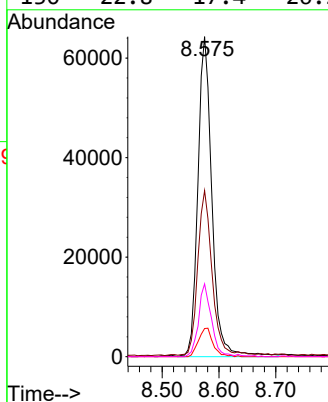
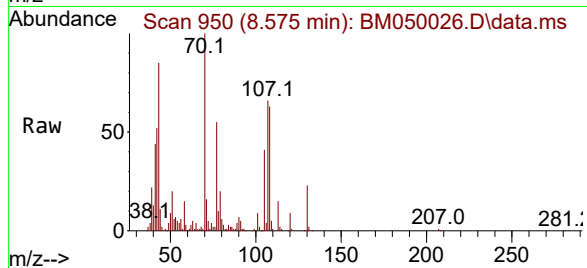
130 22.8 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 9.049 ng

RT: 8.563 min Scan# 948

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

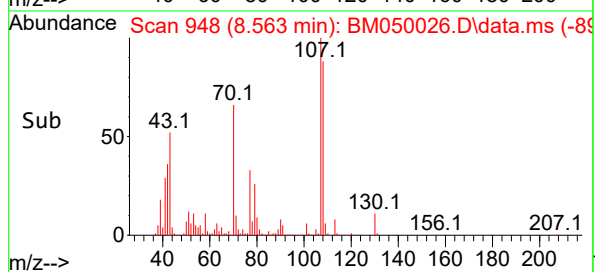
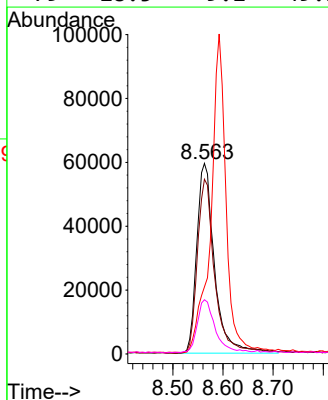
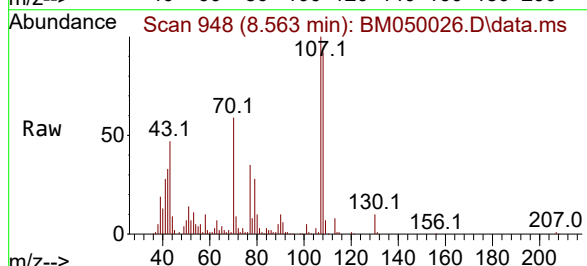
Ion Ratio Lower Upper

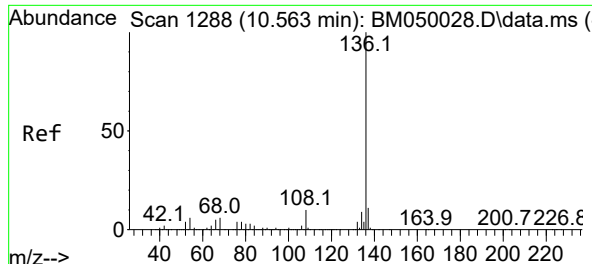
107 100

108 91.7 72.4 112.4

77 35.2 13.6 53.6

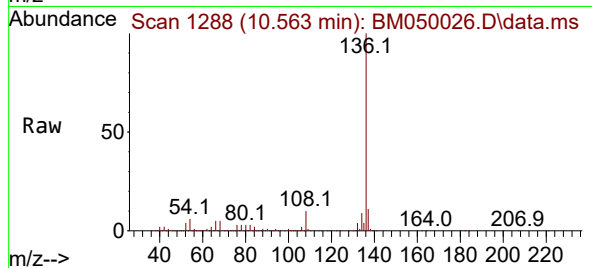
79 28.5 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

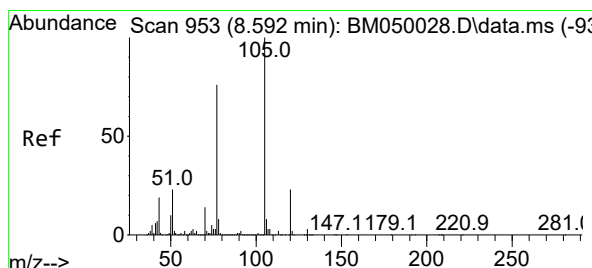
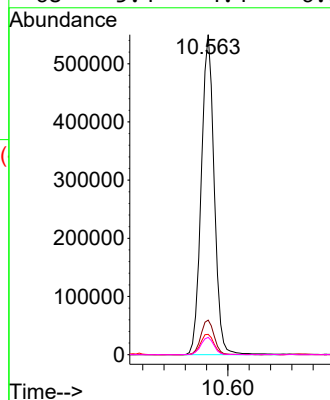
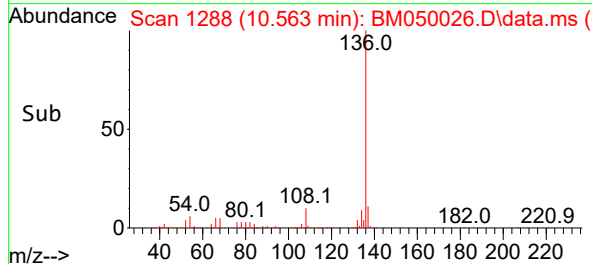
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 926512
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.3 5.1 7.7
68 5.4 4.4 6.6

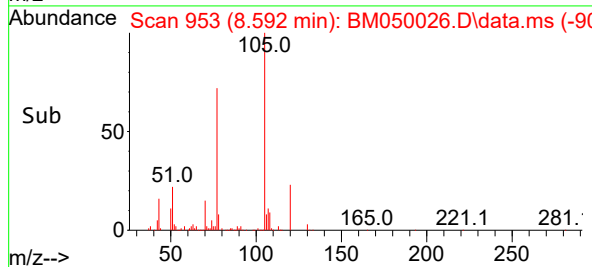
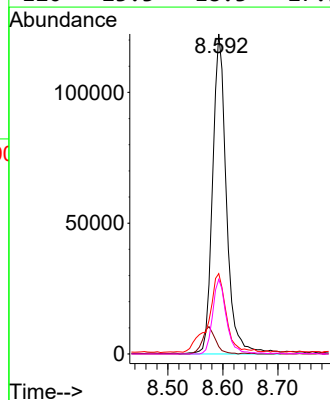
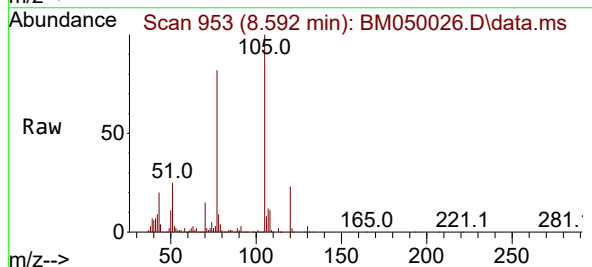
Manual Integrations
APPROVED

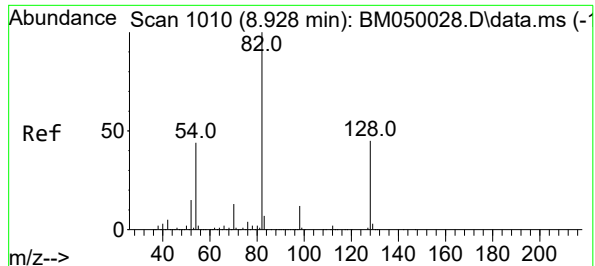
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 9.325 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

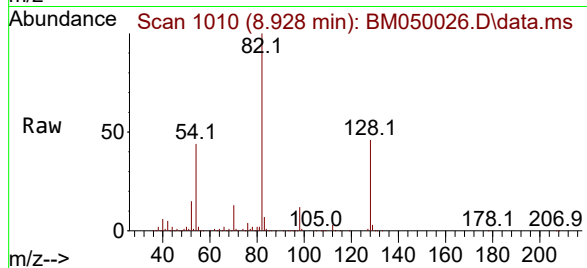
Tgt Ion:105 Resp: 214790
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 25.1 18.6 27.8
120 23.3 18.3 27.5





#23
Nitrobenzene-d5
Concen: 18.420 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

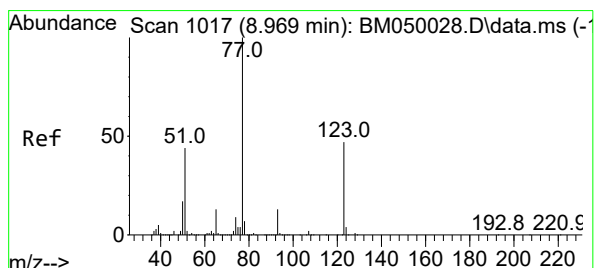
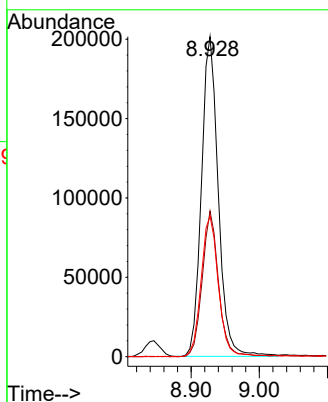
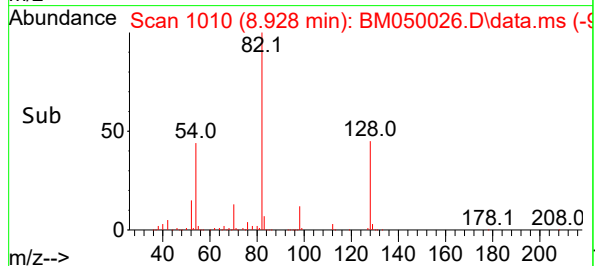
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 346334
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 43.9 35.4 53.2

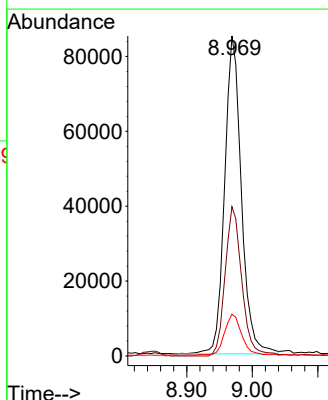
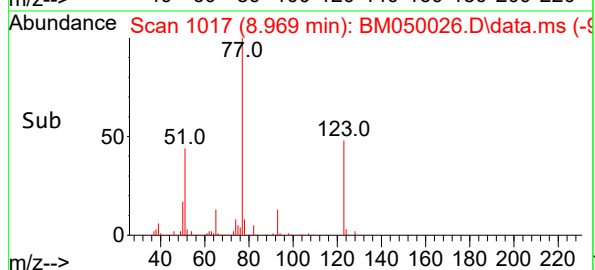
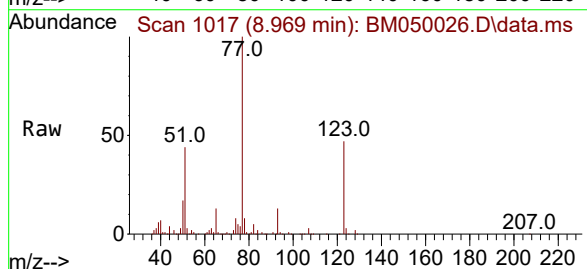
Manual Integrations
APPROVED

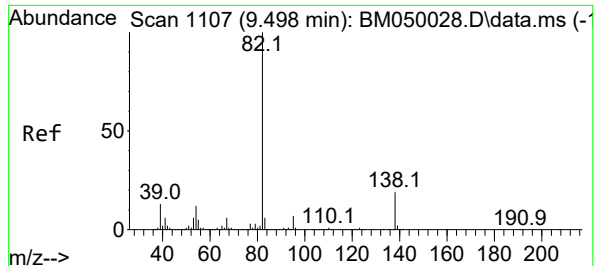
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 9.259 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

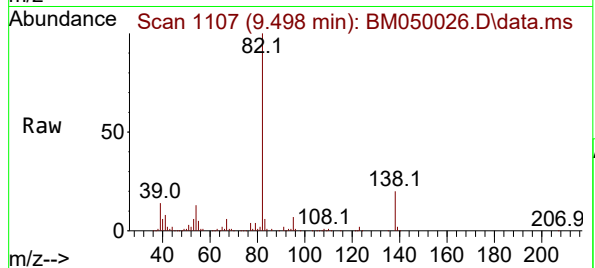
Tgt Ion: 77 Resp: 150534
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 13.0 10.1 15.1





#25
Isophorone
Concen: 9.366 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

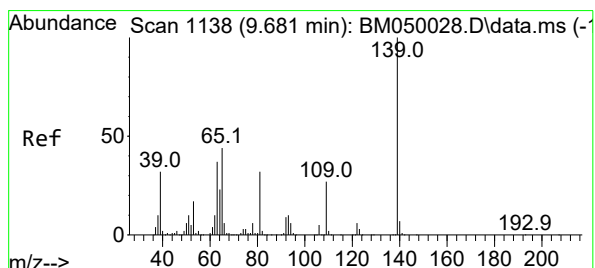
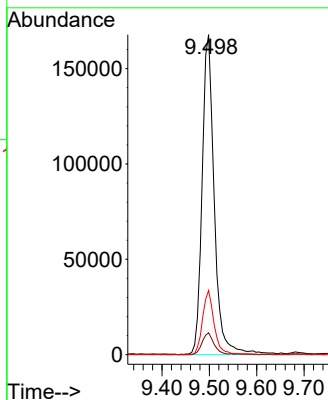
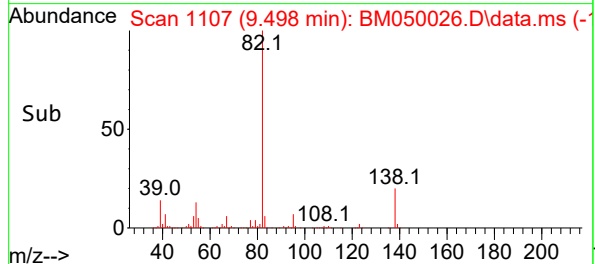
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 300179
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 20.1 15.5 23.3

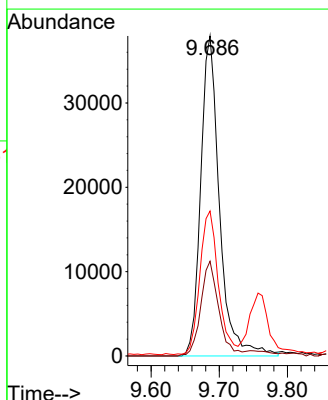
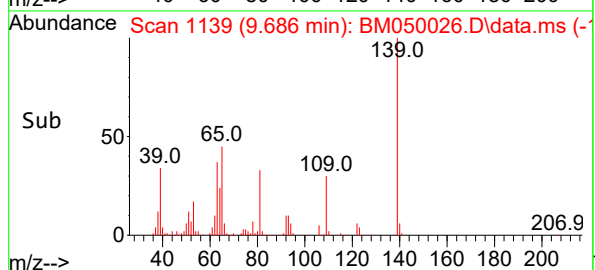
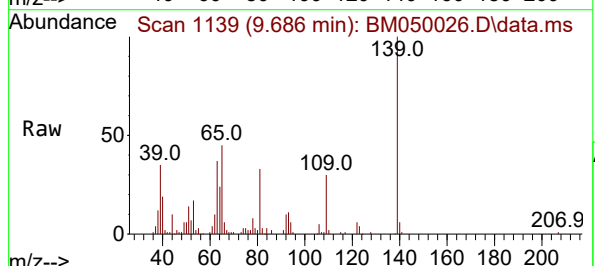
Manual Integrations
APPROVED

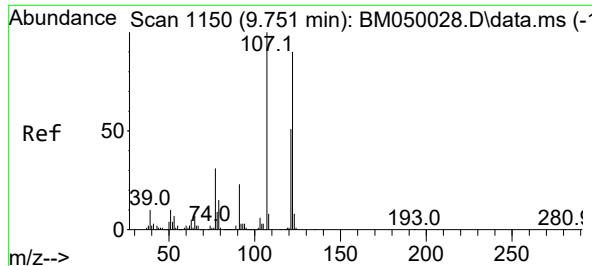
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 8.732 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

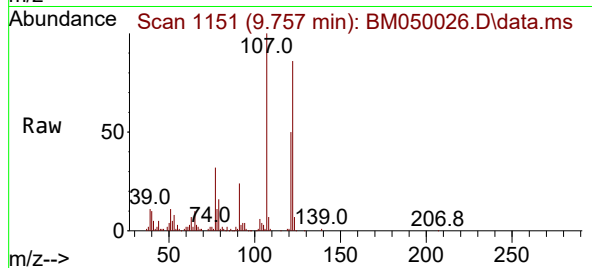
Tgt Ion:139 Resp: 72521
Ion Ratio Lower Upper
139 100
109 29.6 21.9 32.9
65 45.3 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 8.960 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

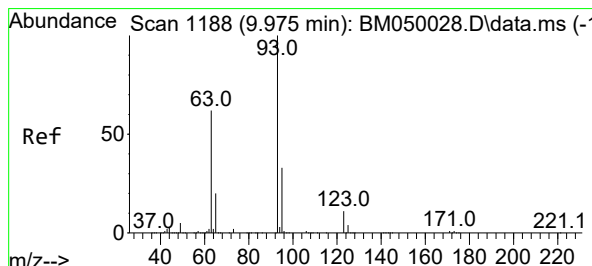
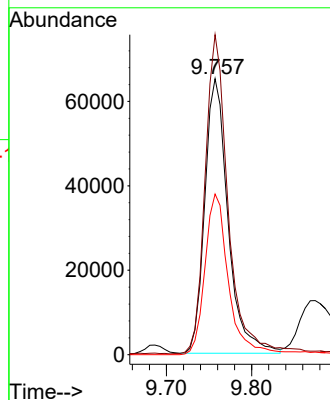
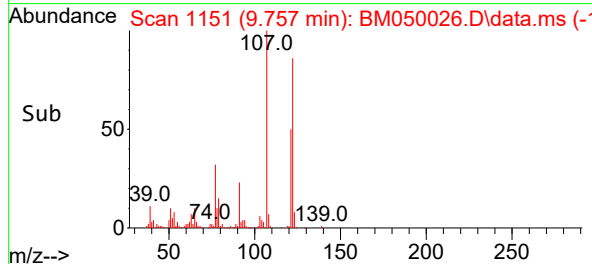
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 123400
Ion Ratio Lower Upper
122 100
107 115.9 89.0 133.6
121 58.2 45.6 68.4

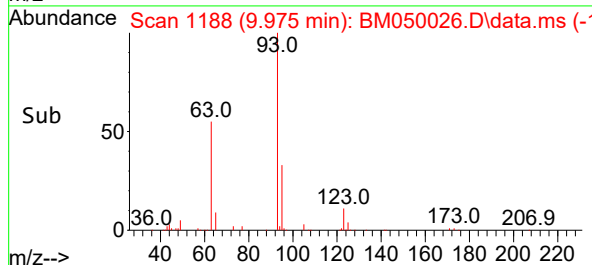
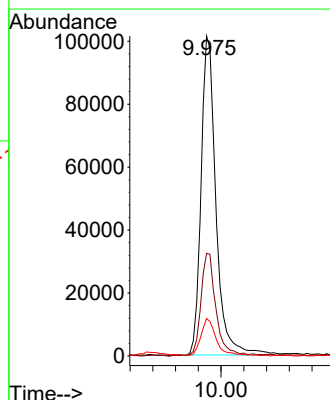
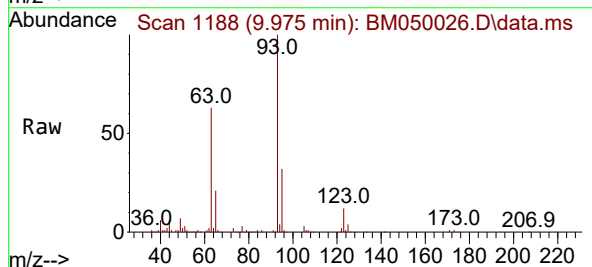
Manual Integrations
APPROVED

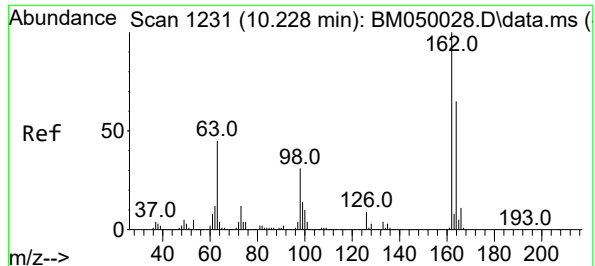
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 9.331 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

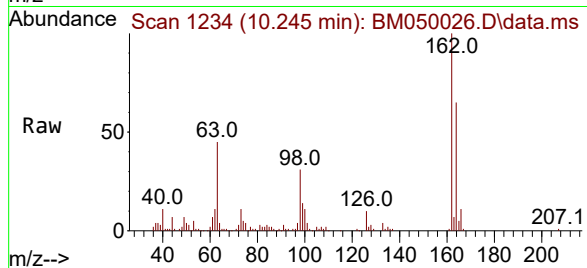
Tgt Ion: 93 Resp: 184837
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.7 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 8.938 ng
RT: 10.245 min Scan# 1234
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

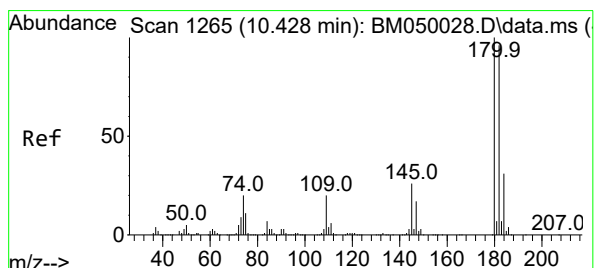
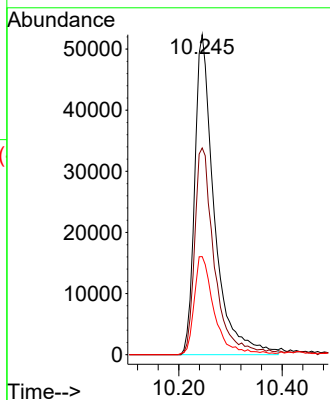
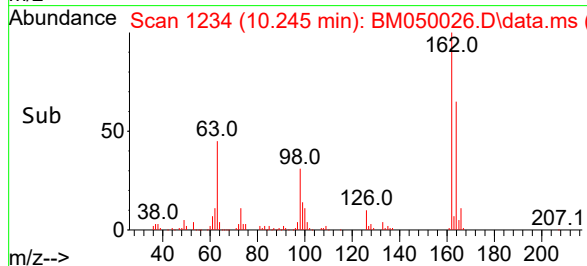
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



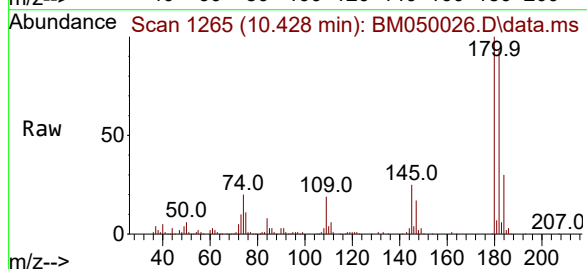
Tgt Ion:162 Resp: 137910
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 30.7 11.3 51.3

Manual Integrations
APPROVED

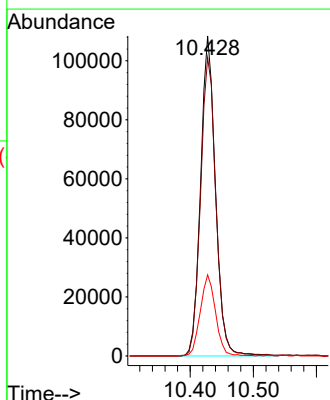
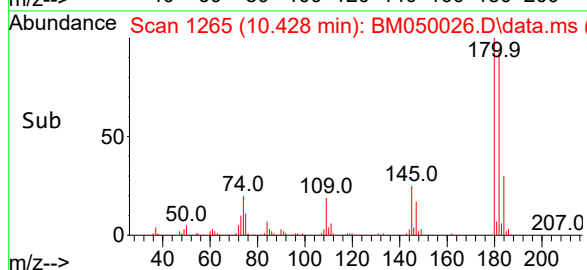
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

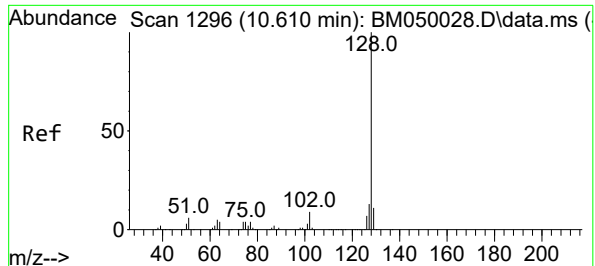


#30
1,2,4-Trichlorobenzene
Concen: 9.453 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



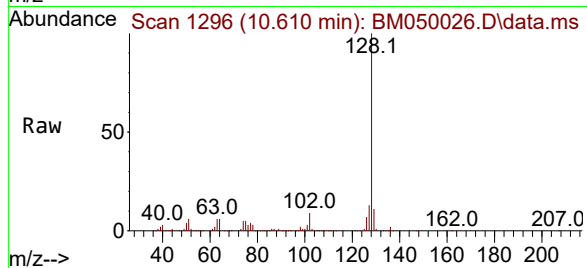
Tgt Ion:180 Resp: 177721
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.4
145 25.3 20.6 30.8





#31
Naphthalene
Concen: 9.467 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

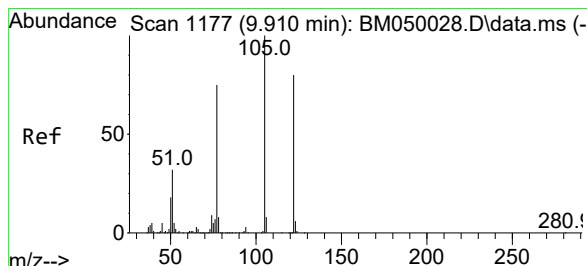
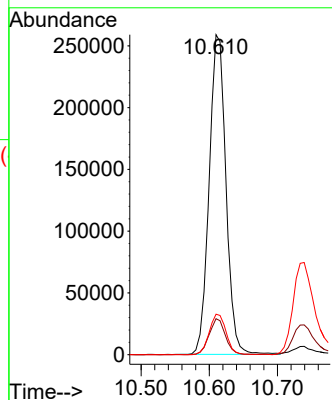
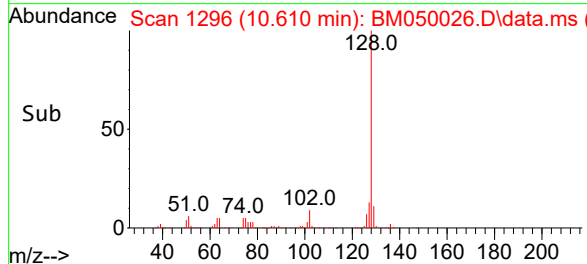
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 444200
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.7 10.4 15.6

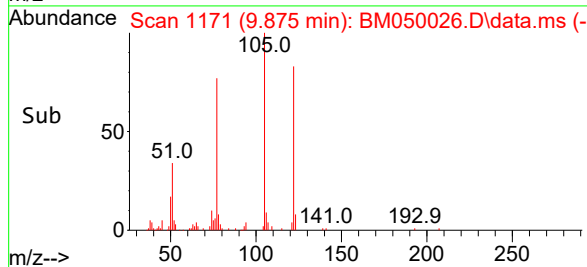
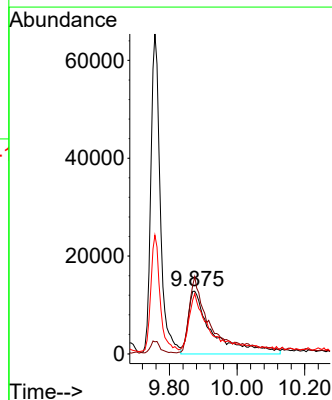
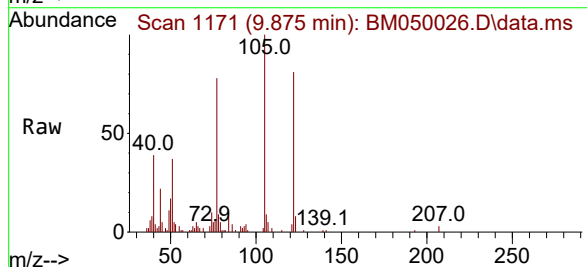
Manual Integrations
APPROVED

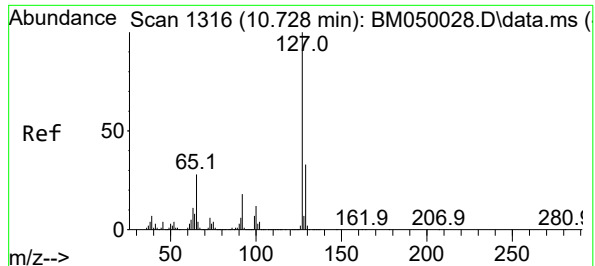
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 7.282 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

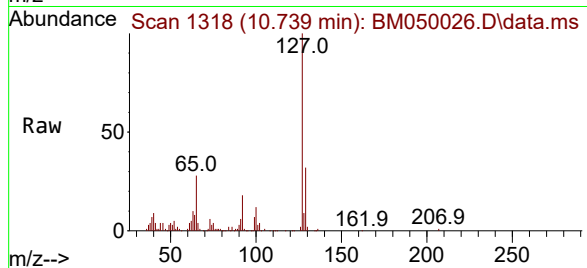
Tgt Ion:122 Resp: 63971
Ion Ratio Lower Upper
122 100
105 123.3 103.6 143.6
77 96.2 73.7 113.7





#33
4-Chloroaniline
Concen: 9.458 ng
RT: 10.739 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

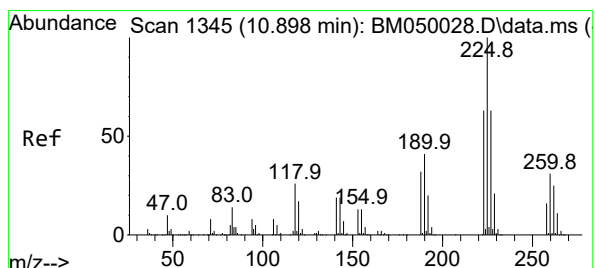
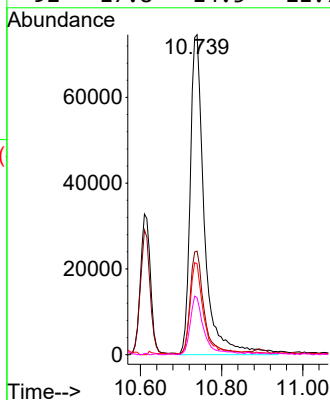
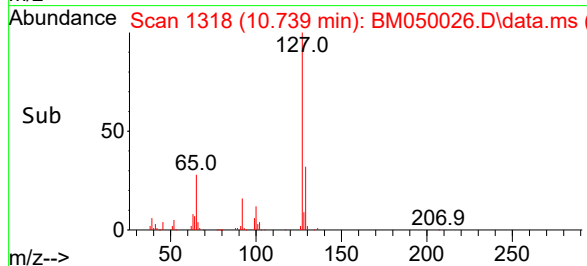
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



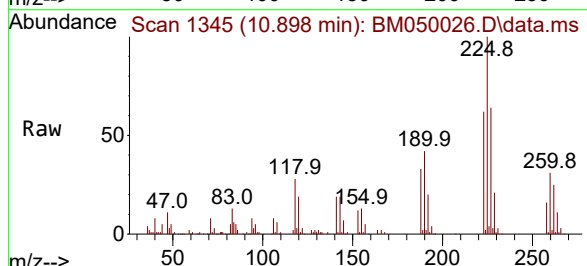
Tgt Ion:127 Resp: 18190
Ion Ratio Lower Upper
127 100
129 32.4 26.3 39.5
65 28.4 22.5 33.7
92 17.8 14.5 21.7

Manual Integrations
APPROVED

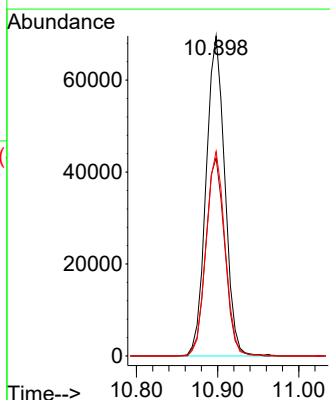
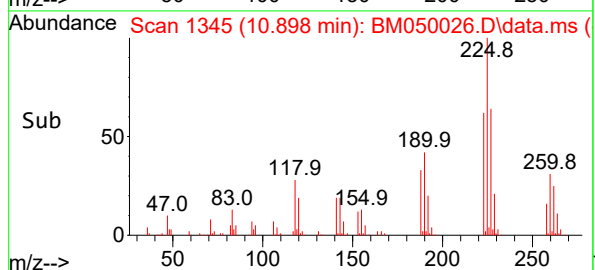
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

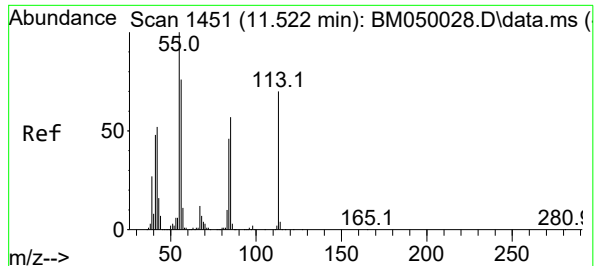


#34
Hexachlorobutadiene
Concen: 9.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



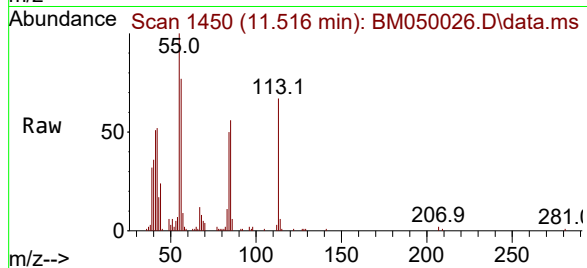
Tgt Ion:225 Resp: 111307
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.2
227 63.9 50.6 76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

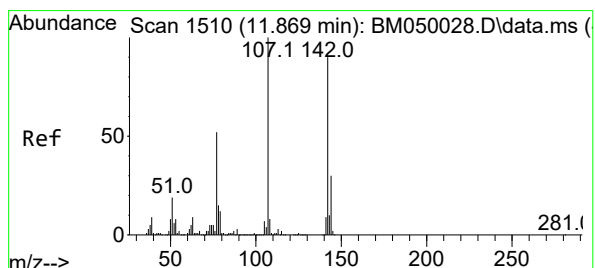
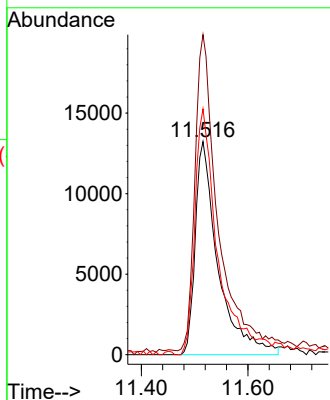
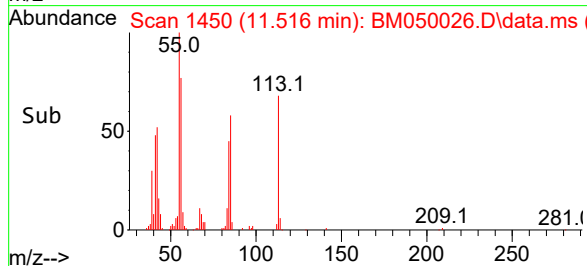
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



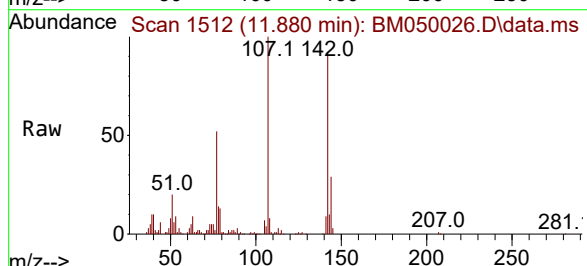
Tgt Ion:113 Resp: 39344
Ion Ratio Lower Upper
113 100
55 150.2 122.9 162.9
56 115.3 88.1 128.1

Manual Integrations
APPROVED

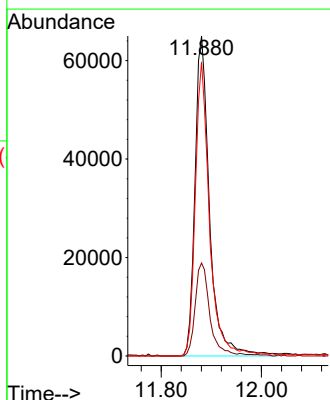
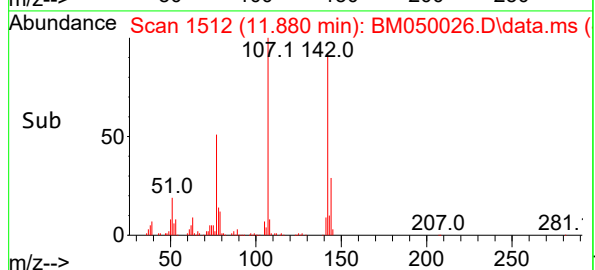
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

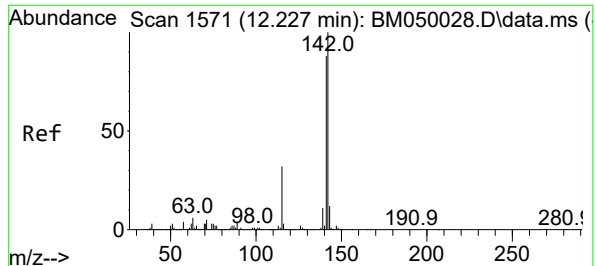


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



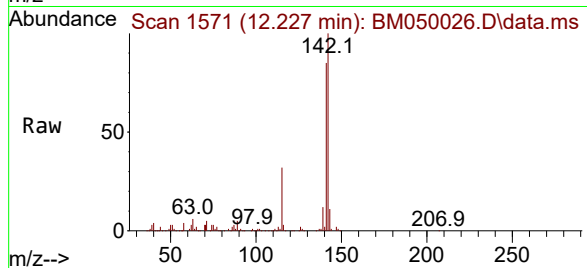
Tgt Ion:107 Resp: 131076
Ion Ratio Lower Upper
107 100
144 29.1 23.8 35.6
142 91.9 71.9 107.9





#37
2-Methylnaphthalene
Concen: 9.411 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

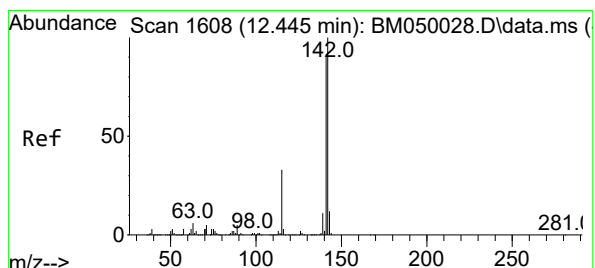
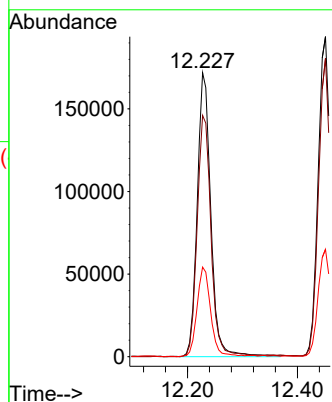
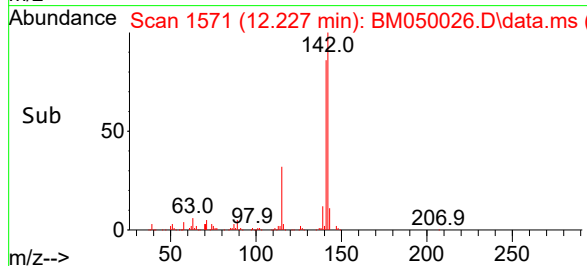
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 29605
Ion Ratio Lower Upper
142 100
141 85.0 70.4 105.6
115 31.5 25.4 38.2

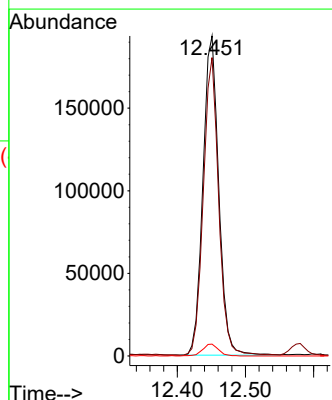
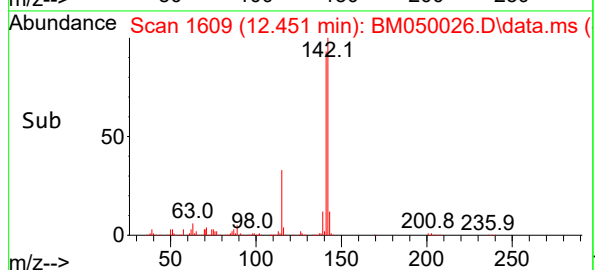
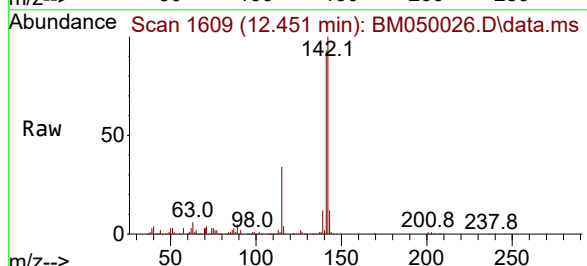
Manual Integrations
APPROVED

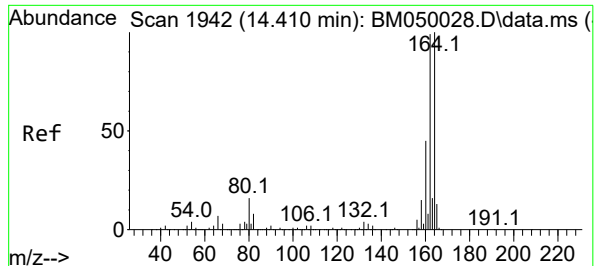
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 9.387 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 312512
Ion Ratio Lower Upper
142 100
141 93.3 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 636652

Ion Ratio Lower Upper

164 100

162 97.3 79.4 119.0

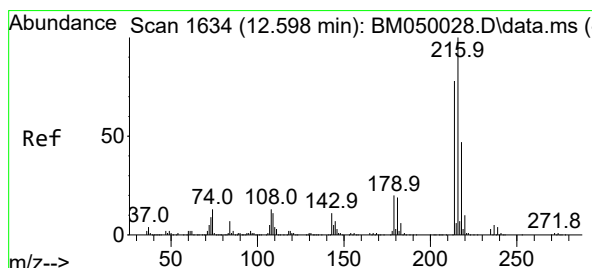
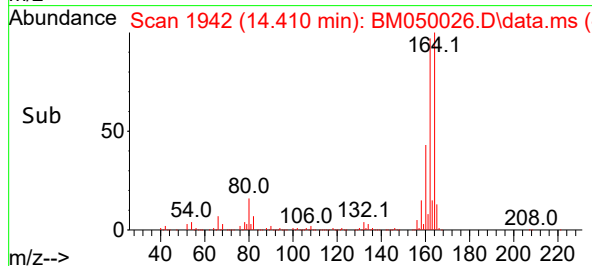
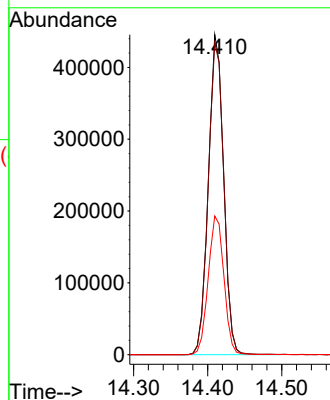
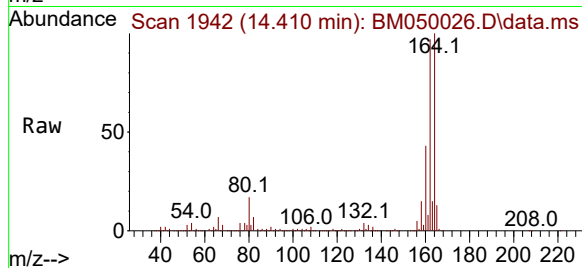
160 43.3 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.981 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

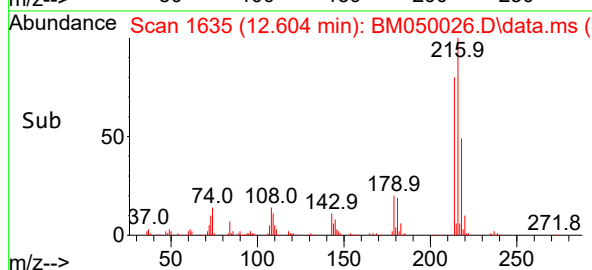
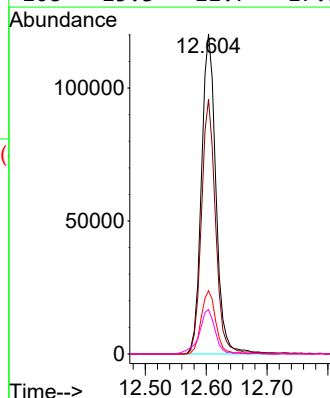
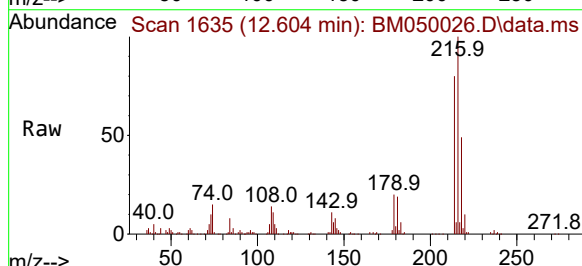
Ion Ratio Lower Upper

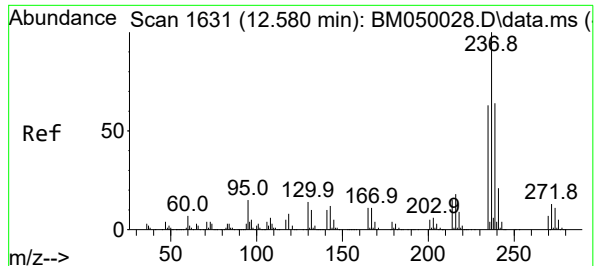
216 100

214 77.7 62.3 93.5

179 20.0 15.4 23.0

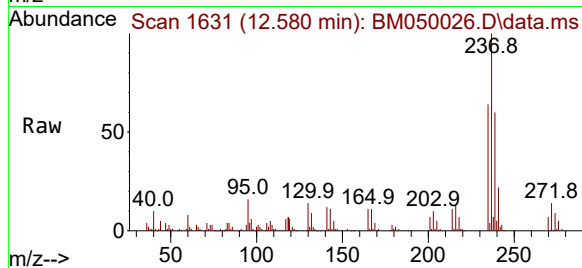
108 15.3 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 7.166 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

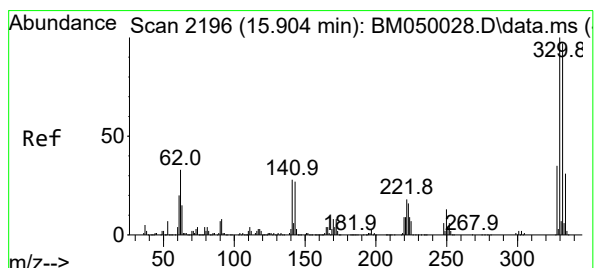
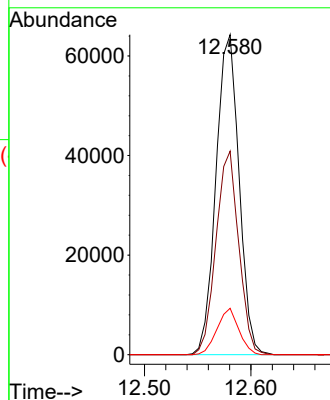
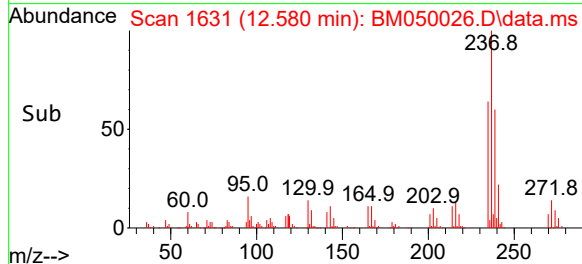
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



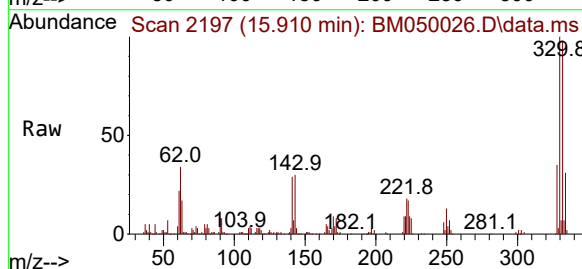
Tgt Ion:237 Resp: 9652
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 14.5 0.0 32.9

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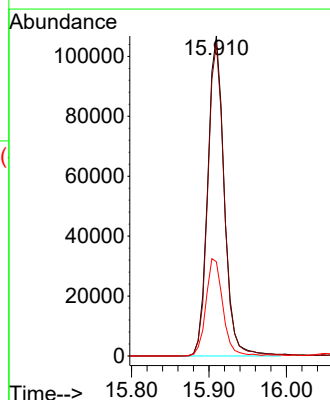
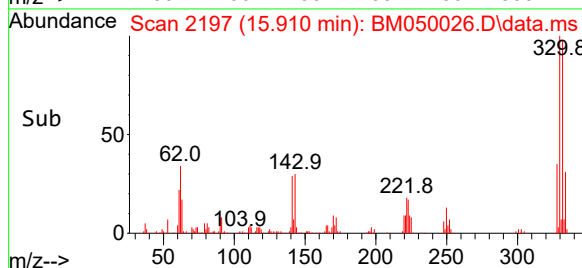
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

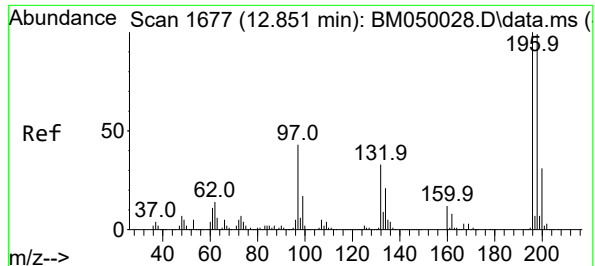


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



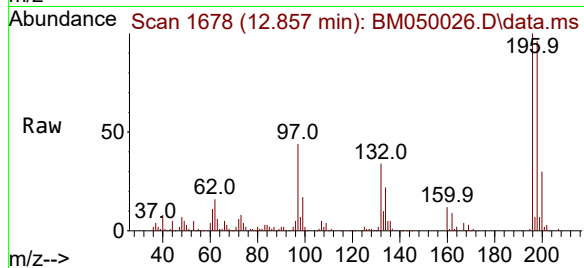
Tgt Ion:330 Resp: 158339
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.1 22.5 33.7





#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 12.857 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

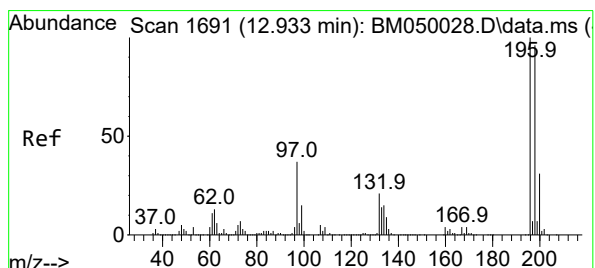
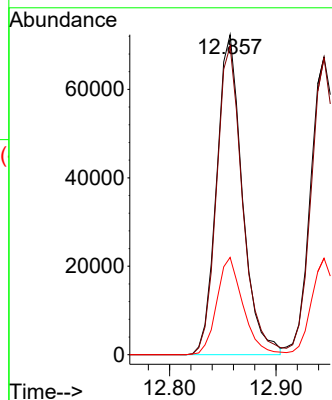
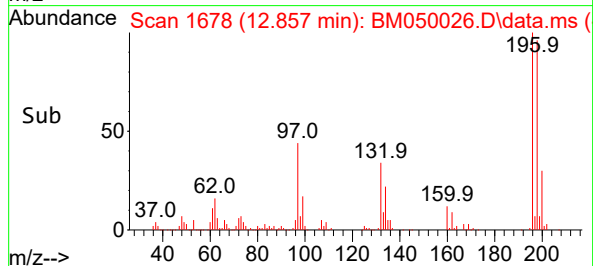
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 121240
Ion Ratio Lower Upper
196 100
198 96.5 79.0 118.6
200 30.4 25.1 37.7

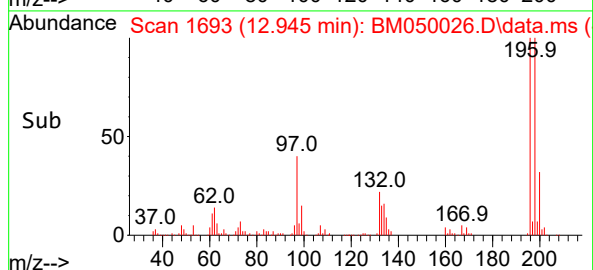
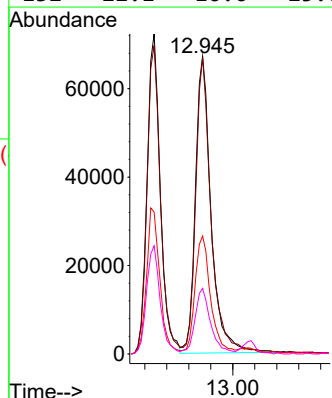
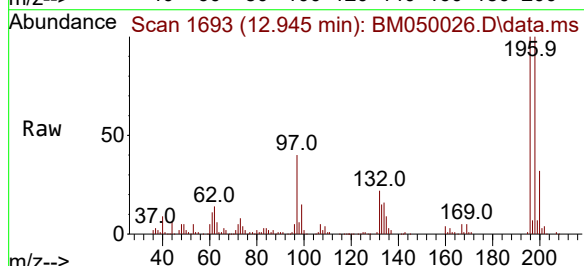
Manual Integrations
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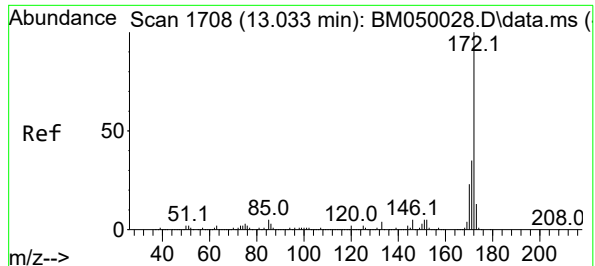
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#44
2,4,5-Trichlorophenol
Concen: 8.815 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 132882
Ion Ratio Lower Upper
196 100
198 99.7 76.7 115.1
97 39.6 30.1 45.1
132 22.1 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 18.394 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 98991

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

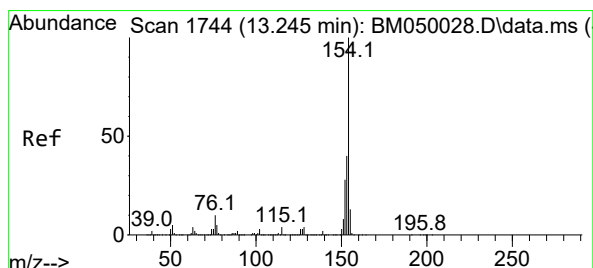
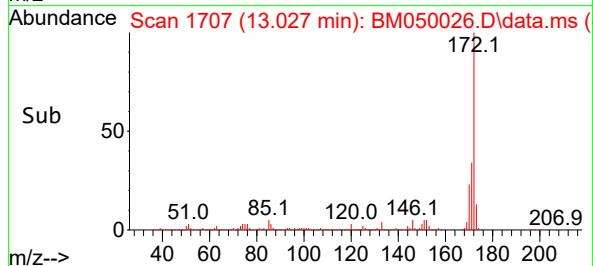
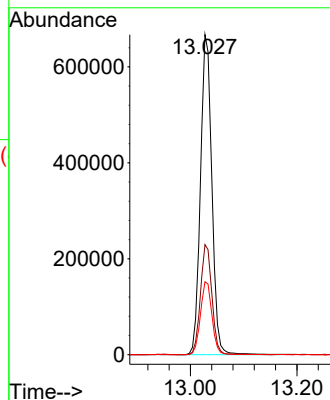
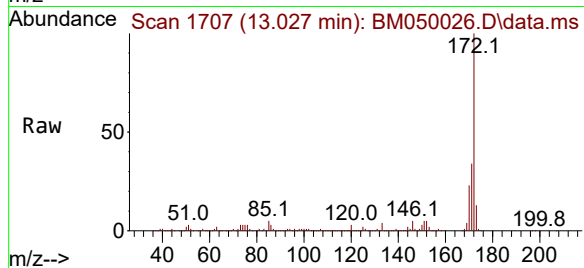
170 22.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

Concen: 9.381 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

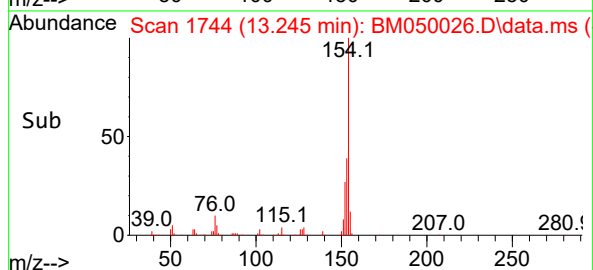
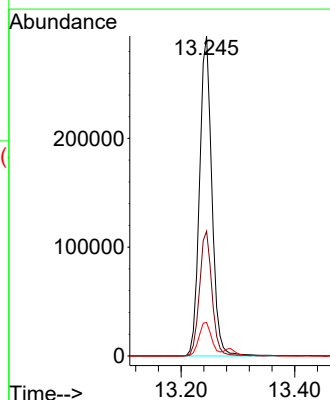
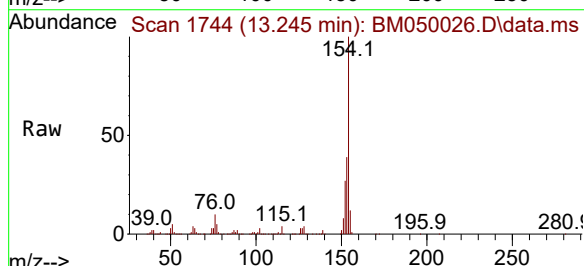
Tgt Ion:154 Resp: 443960

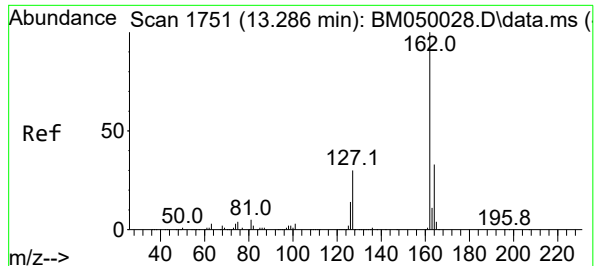
Ion Ratio Lower Upper

154 100

153 39.0 20.0 60.0

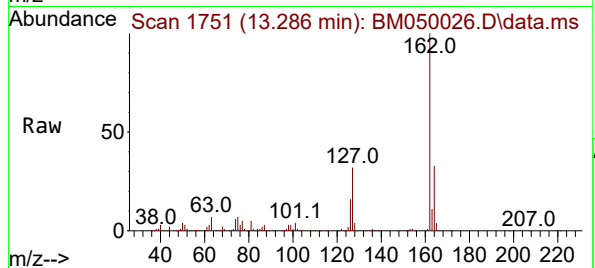
76 10.4 0.0 30.3





#47
2-Chloronaphthalene
Concen: 9.447 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

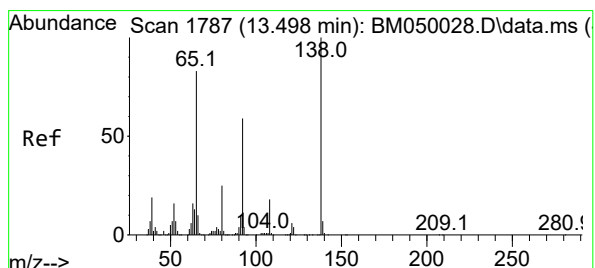
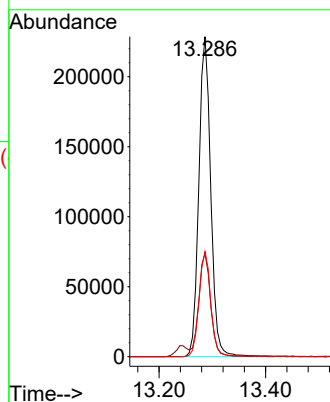
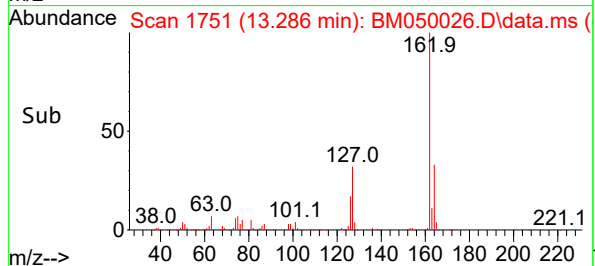
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 35410
Ion Ratio Lower Upper
162 100
127 32.3 25.9 38.9
164 32.8 26.6 40.0

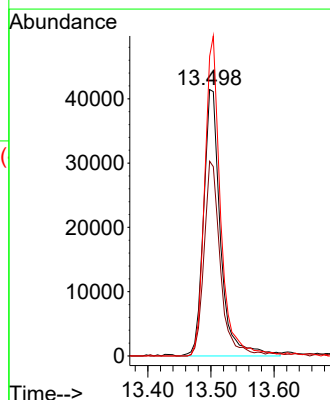
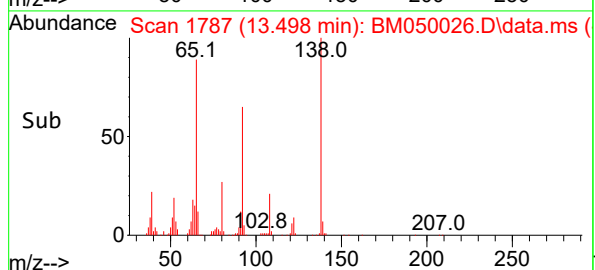
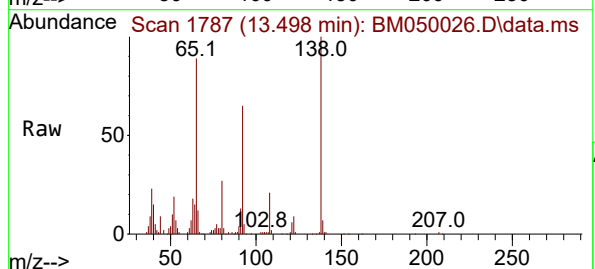
Manual Integrations
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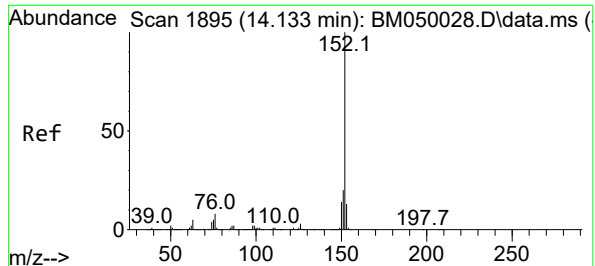
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

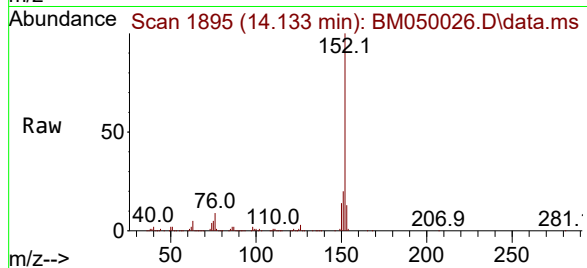
Tgt Ion: 65 Resp: 77101
Ion Ratio Lower Upper
65 100
92 73.1 57.1 85.7
138 112.5 97.0 145.4





#49
Acenaphthylene
Concen: 9.235 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

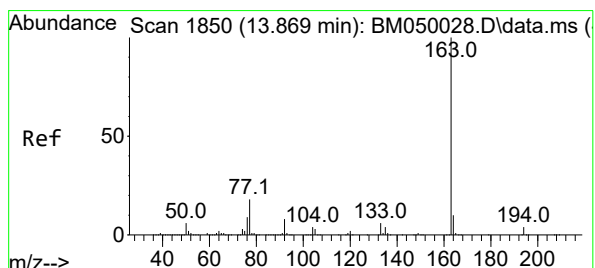
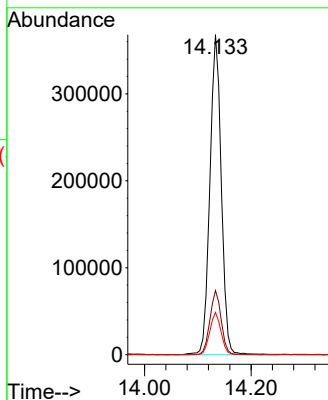
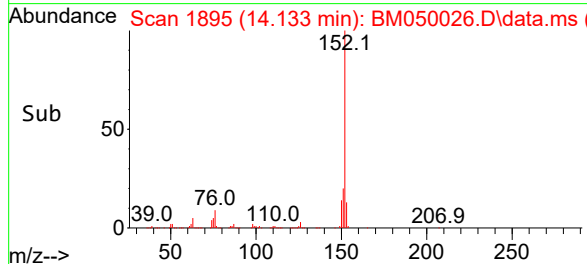
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



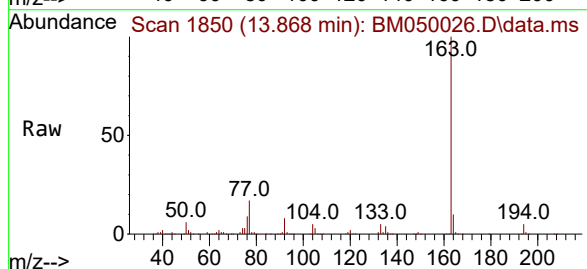
Tgt Ion:152 Resp: 545774
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8

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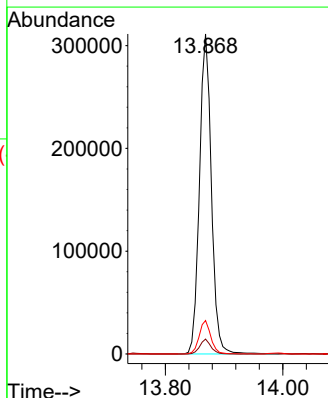
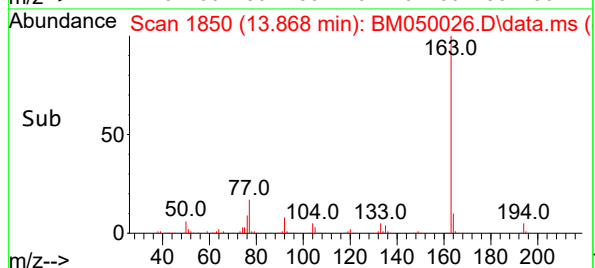
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

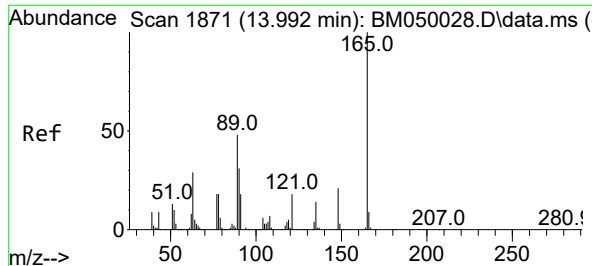


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



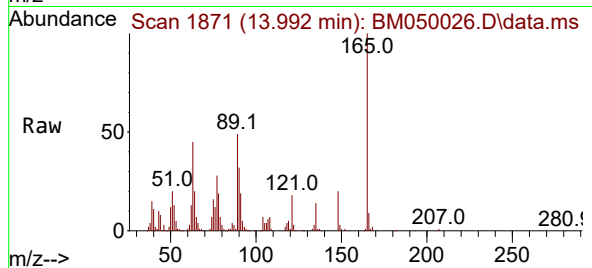
Tgt Ion:163 Resp: 438261
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

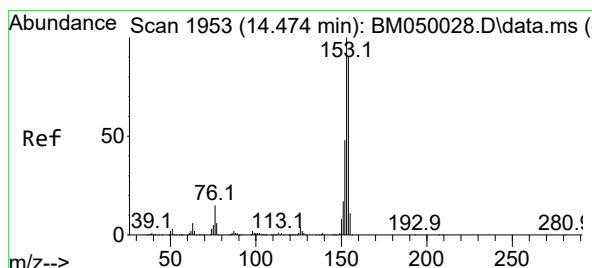
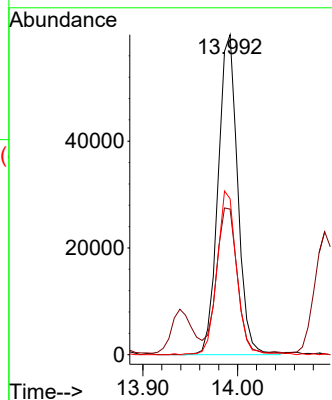
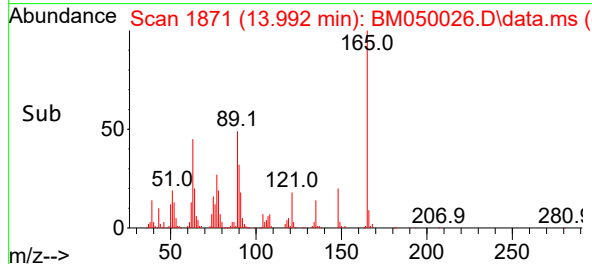
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 8624
Ion Ratio Lower Upper
165 100
63 45.5 35.1 52.7
89 48.7 38.4 57.6

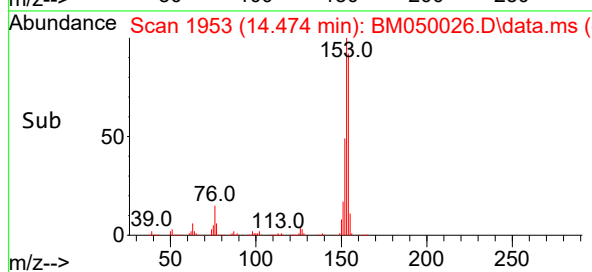
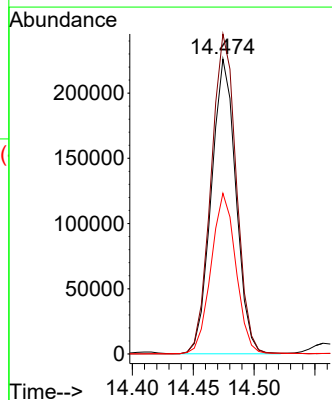
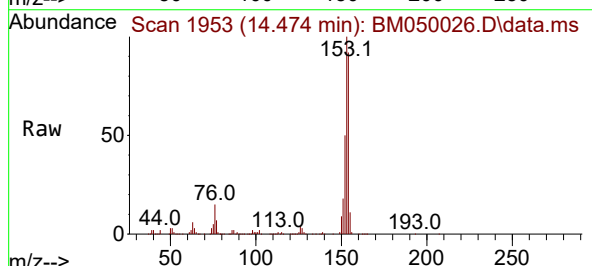
Manual Integrations
APPROVED

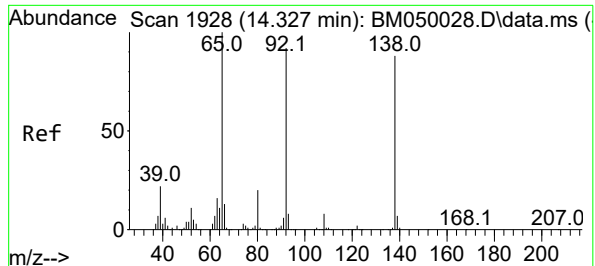
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 317735
Ion Ratio Lower Upper
154 100
153 108.5 89.0 133.4
152 54.5 43.0 64.6





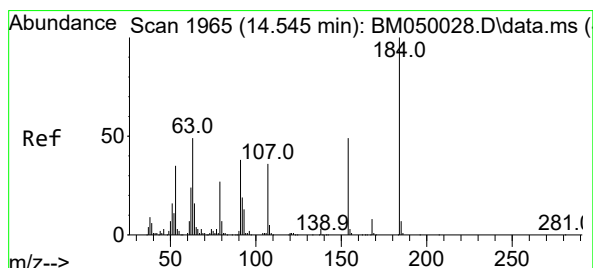
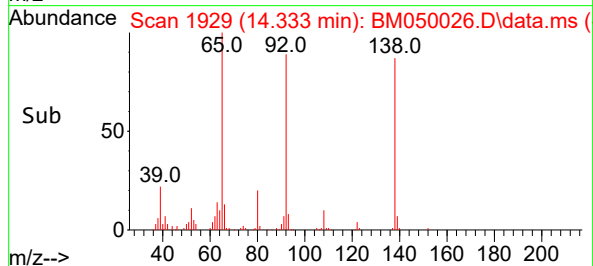
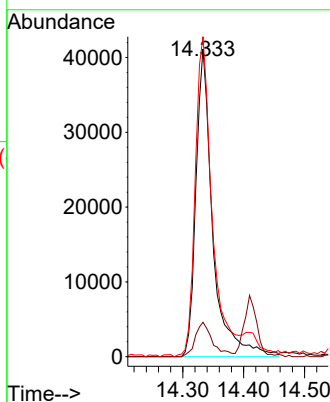
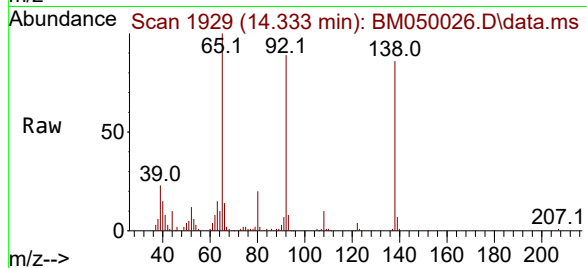
#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 78720
Ion Ratio Lower Upper
138 100
108 11.2 7.4 11.2
92 104.0 84.0 126.0

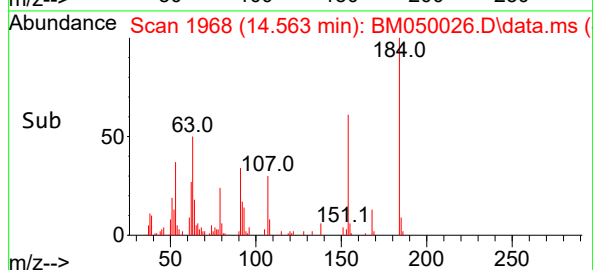
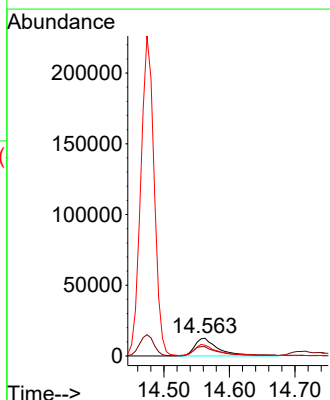
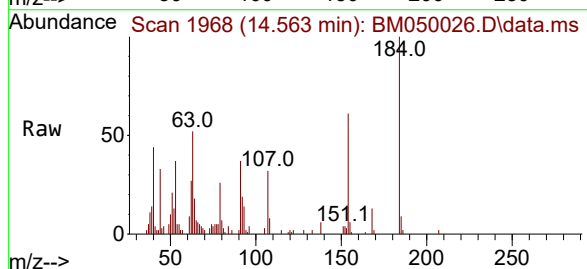
Manual Integrations
APPROVED

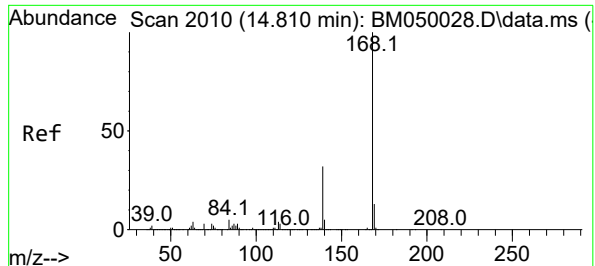
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#54
2,4-Dinitrophenol
Concen: 10.558 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 31979
Ion Ratio Lower Upper
184 100
63 52.1 39.8 59.6
154 60.9 46.1 69.1





#55

Dibenzofuran

Concen: 9.401 ng

RT: 14.810 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 53502

Ion Ratio Lower Upper

168 100

139 33.0 26.1 39.1

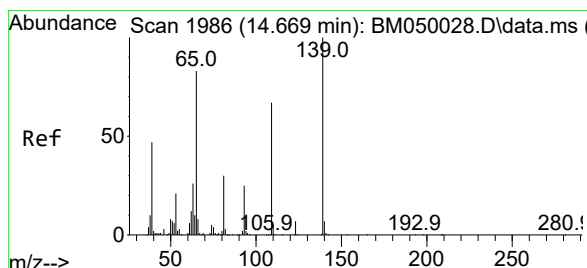
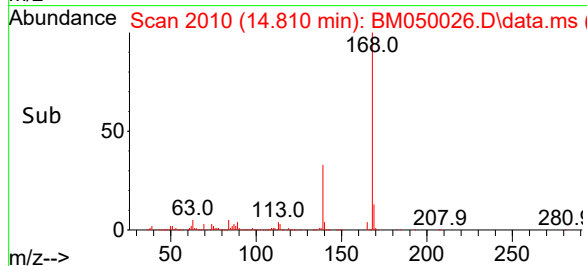
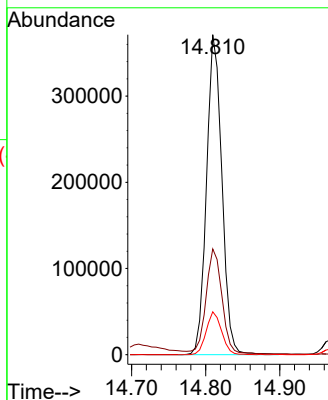
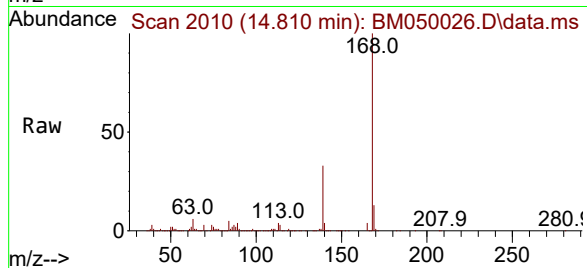
169 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#56

4-Nitrophenol

Concen: 9.668 ng

RT: 14.710 min Scan# 1993

Delta R.T. 0.041 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

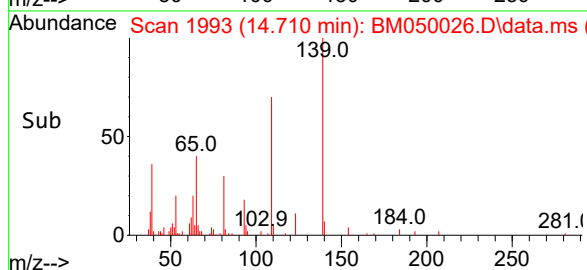
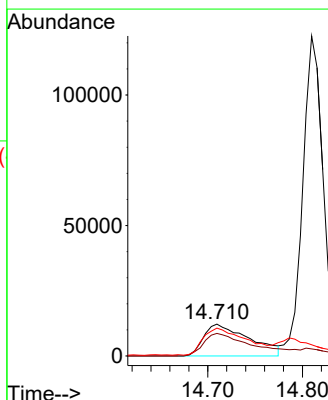
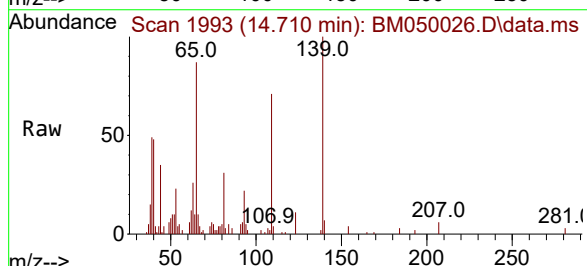
Tgt Ion:139 Resp: 40722

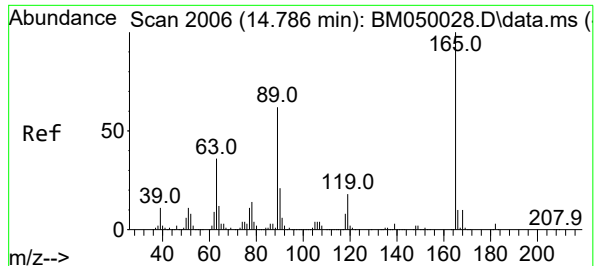
Ion Ratio Lower Upper

139 100

109 70.7 47.0 87.0

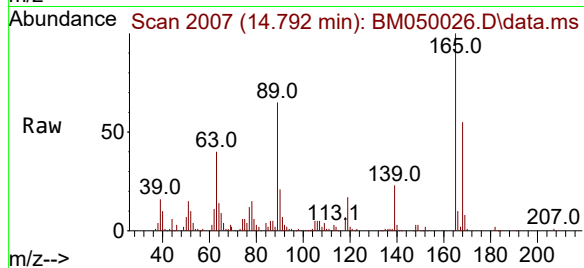
65 87.5 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

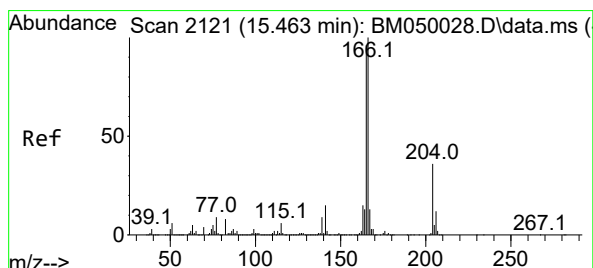
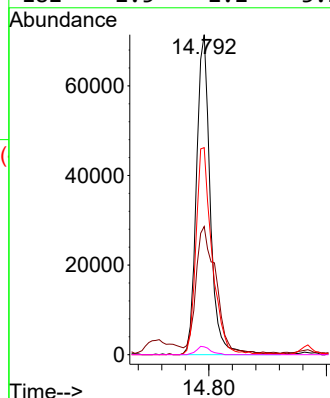
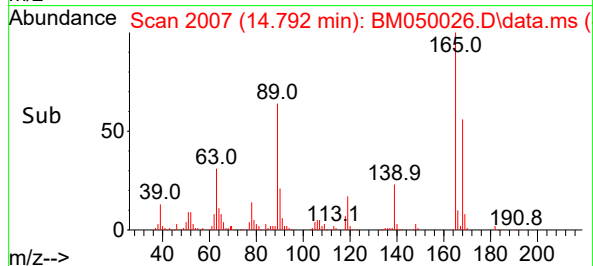
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 116470
Ion Ratio Lower Upper
165 100
63 40.1 29.0 43.6
89 64.7 49.4 74.2
182 2.5 2.2 3.2

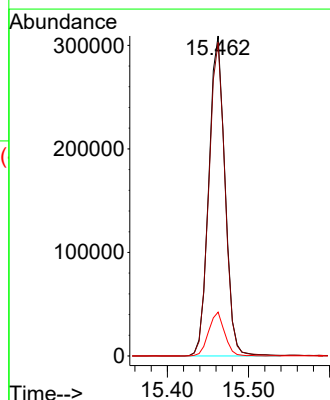
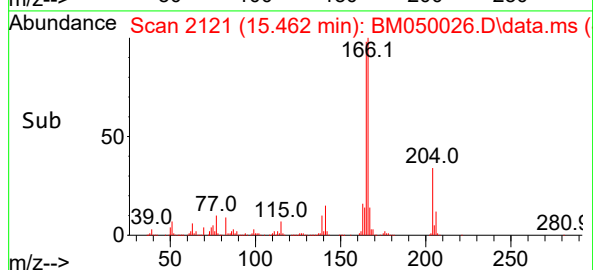
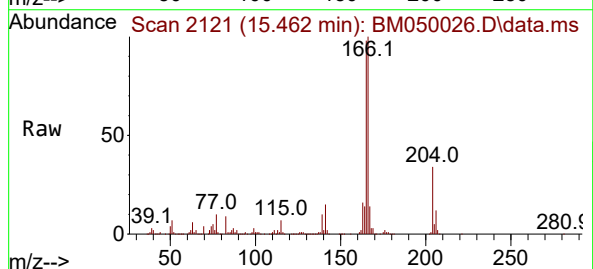
Manual Integrations
APPROVED

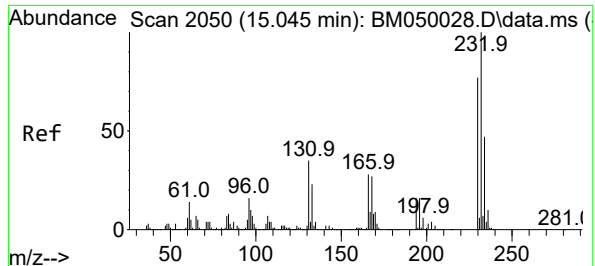
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 9.174 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

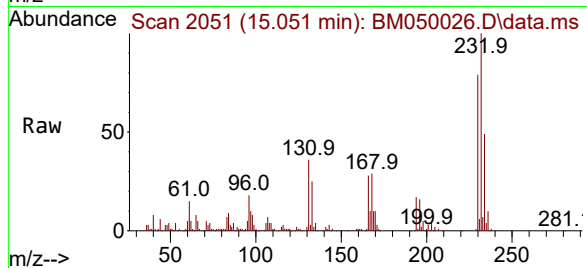
Tgt Ion:166 Resp: 427384
Ion Ratio Lower Upper
166 100
165 98.0 76.6 115.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.828 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

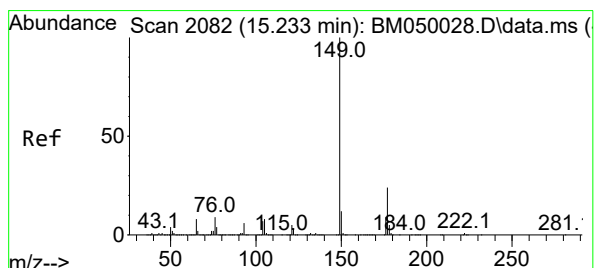
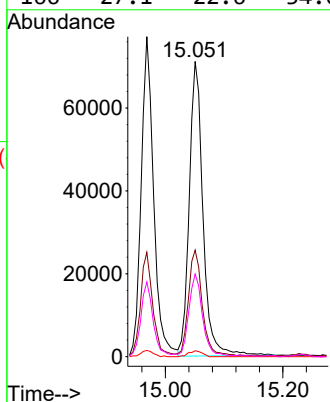
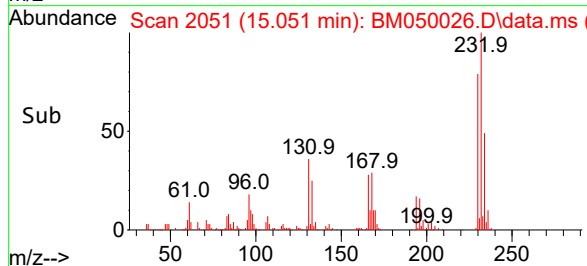
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 11518
Ion Ratio Lower Upper
232 100
131 36.2 28.2 42.4
130 2.0 1.5 2.3
166 27.1 22.6 34.0

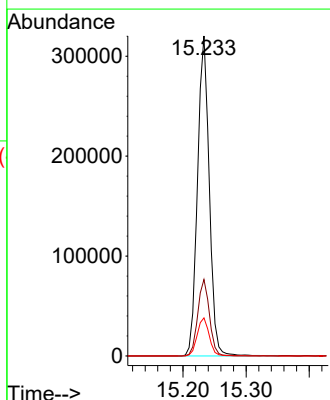
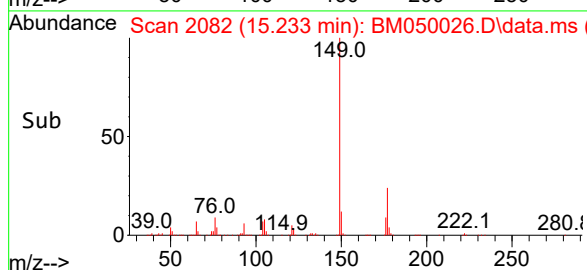
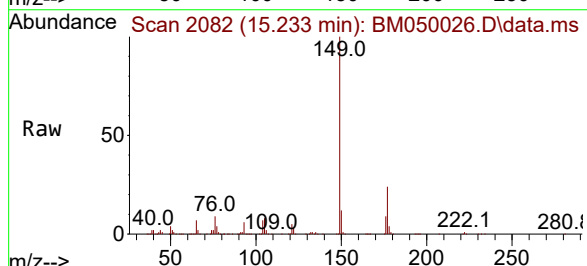
Manual Integrations
APPROVED

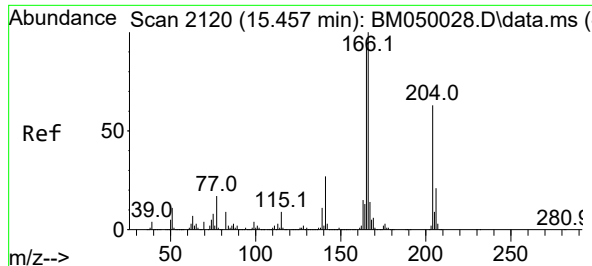
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#60
Diethylphthalate
Concen: 9.447 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

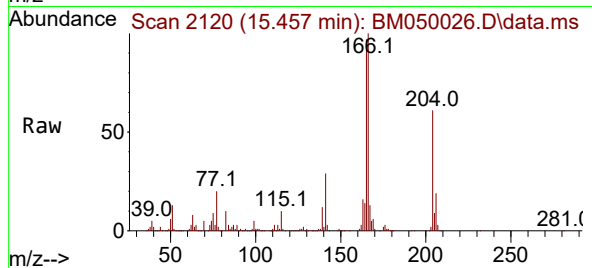
Tgt Ion:149 Resp: 414149
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 11.9 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 8.908 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

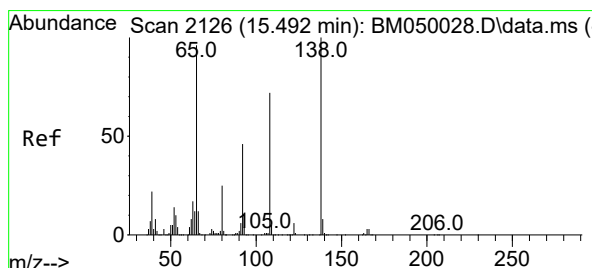
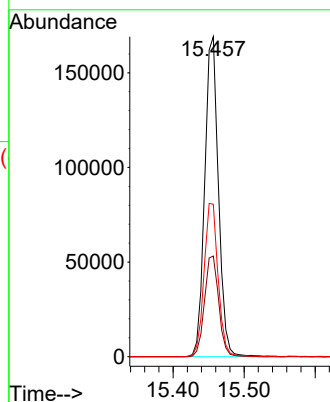
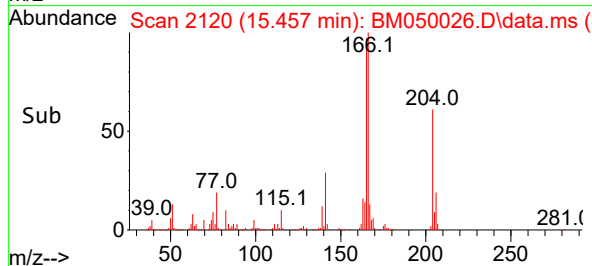
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 227920
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 47.6 34.0 51.0

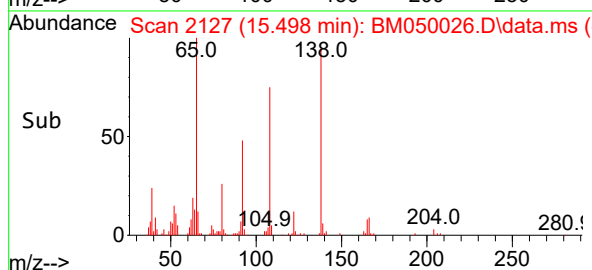
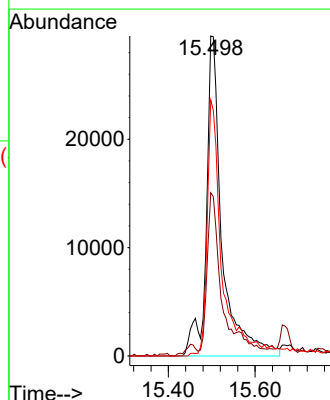
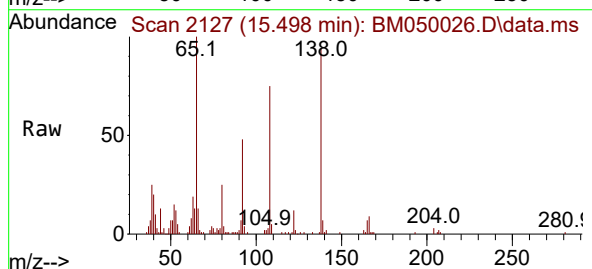
Manual Integrations
APPROVED

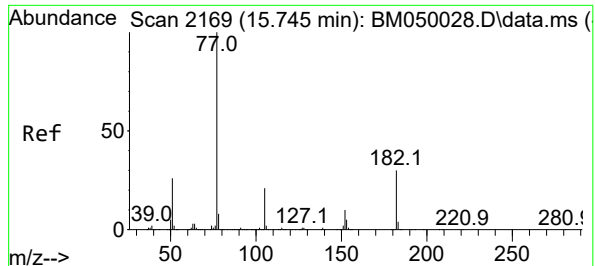
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 8.397 ng m
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

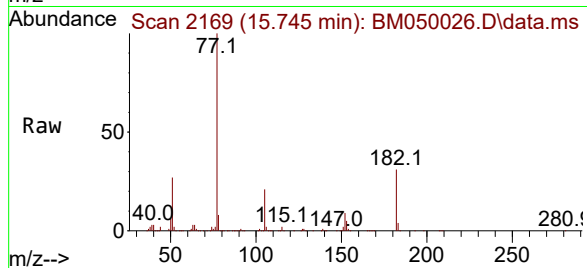
Tgt Ion:138 Resp: 74565
Ion Ratio Lower Upper
138 100
92 51.0 25.9 65.9
108 80.0 52.4 92.4





#63
Azobenzene
Concen: 9.454 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

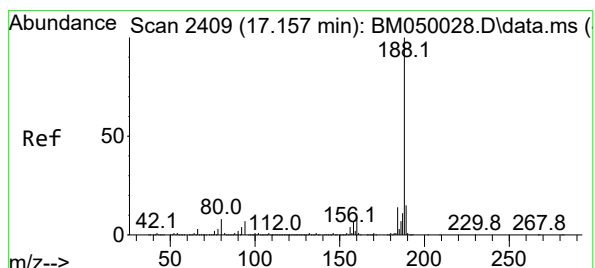
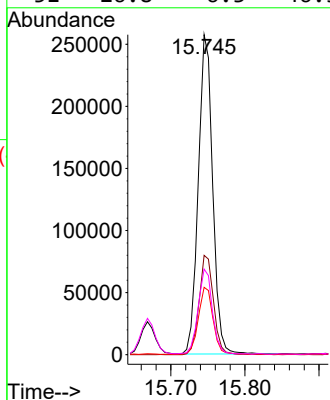
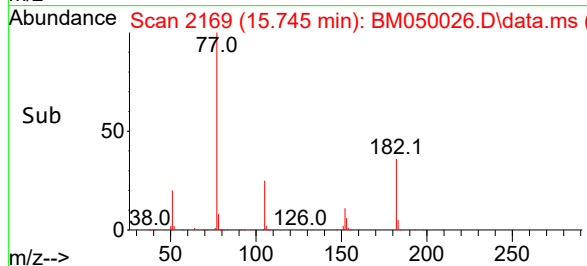
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 34734
Ion Ratio Lower Upper
77 100
182 31.0 10.5 50.5
105 21.0 1.1 41.1
51 26.8 6.3 46.3

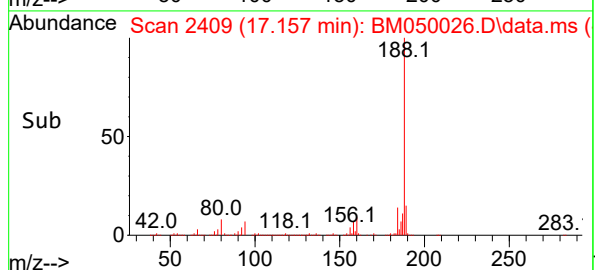
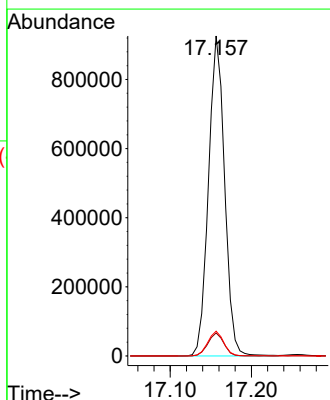
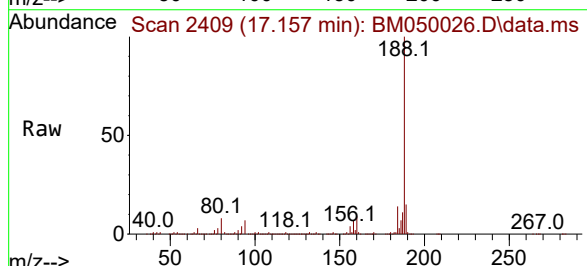
Manual Integrations
APPROVED

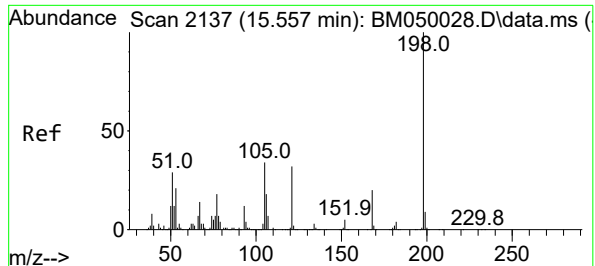
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

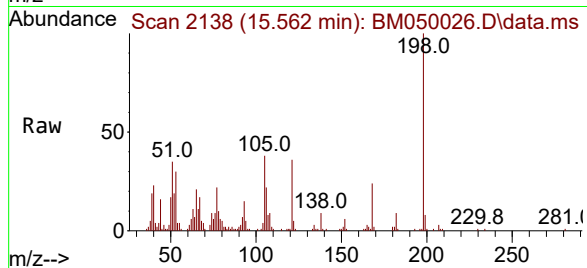
Tgt Ion:188 Resp: 1274608
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.8 6.2 9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.562 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

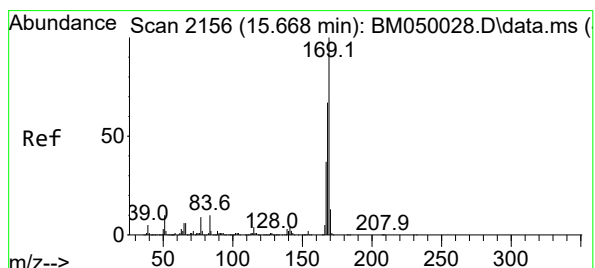
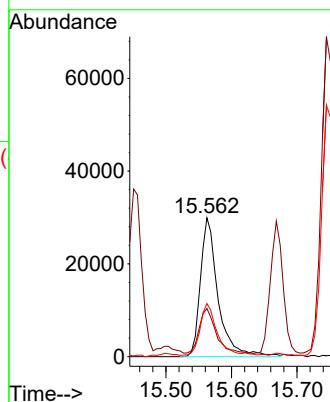
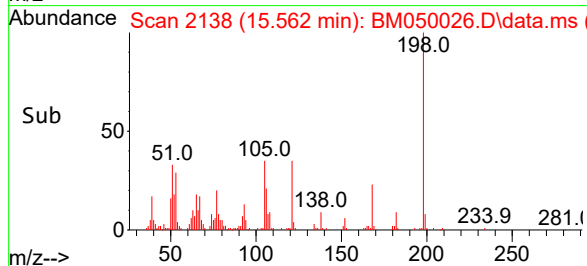
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 5618
Ion Ratio Lower Upper
198 100
51 34.7 10.4 50.4
105 38.2 14.6 54.6

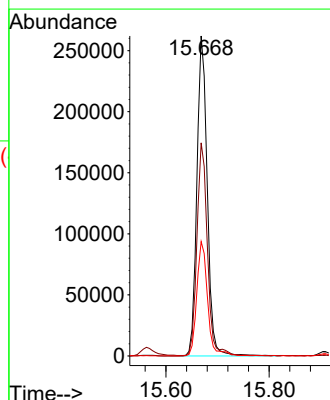
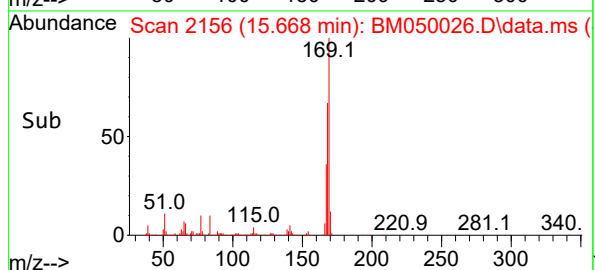
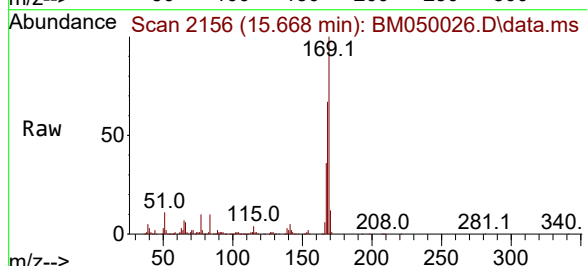
Manual Integrations
APPROVED

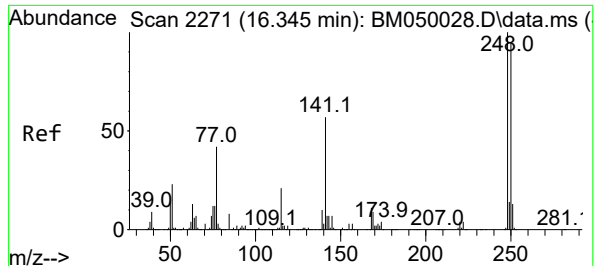
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 9.315 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

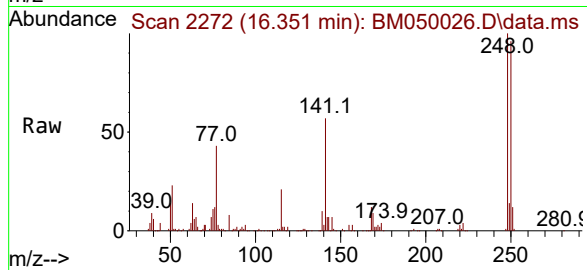
Tgt Ion:169 Resp: 364601
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 8.923 ng
RT: 16.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

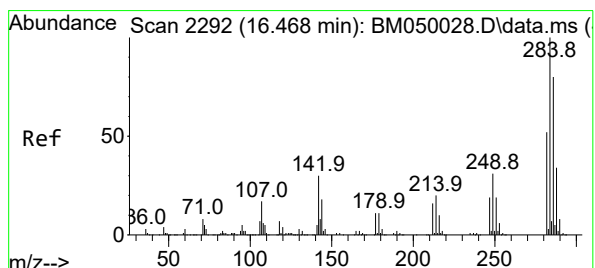
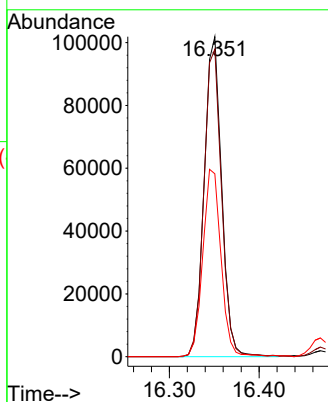
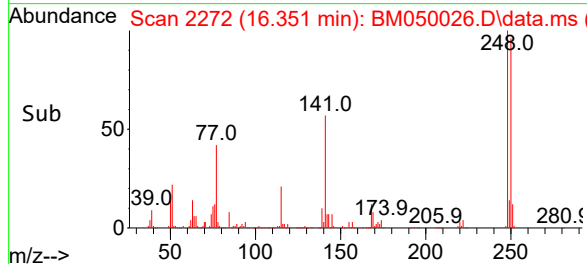
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



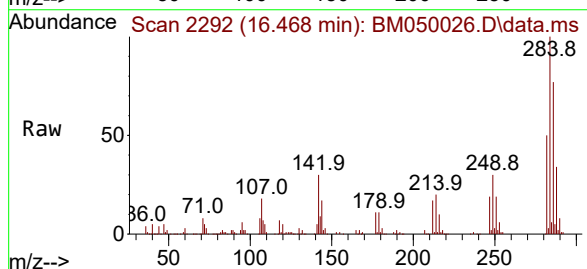
Tgt Ion:248 Resp: 13753
Ion Ratio Lower Upper
248 100
250 96.1 76.2 114.2
141 57.1 45.9 68.9

Manual Integrations
APPROVED

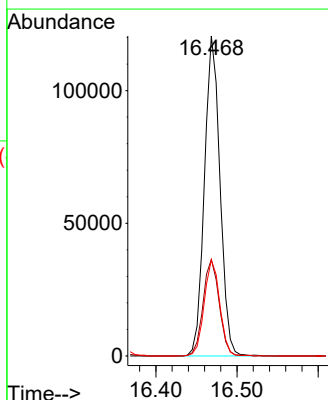
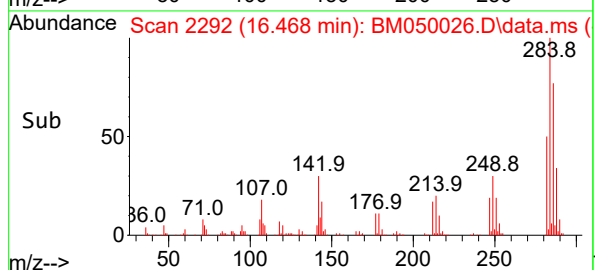
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

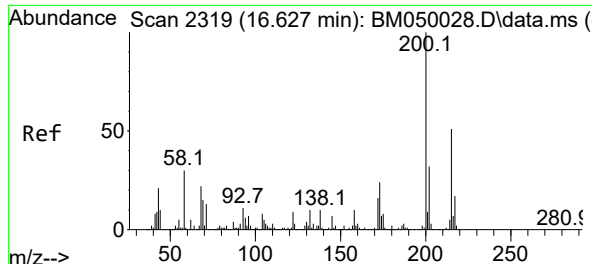


#68
Hexachlorobenzene
Concen: 9.016 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



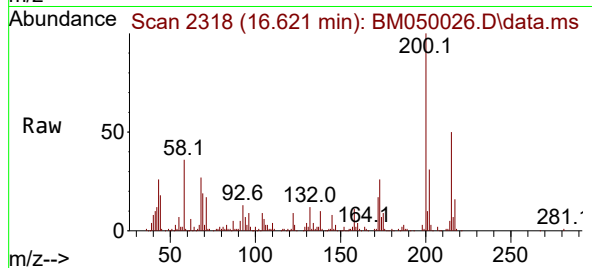
Tgt Ion:284 Resp: 160195
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 30.0 24.5 36.7





#69
Atrazine
Concen: 8.937 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

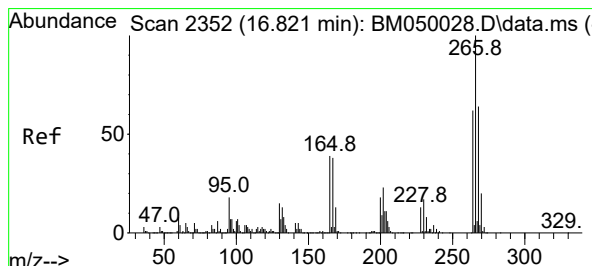
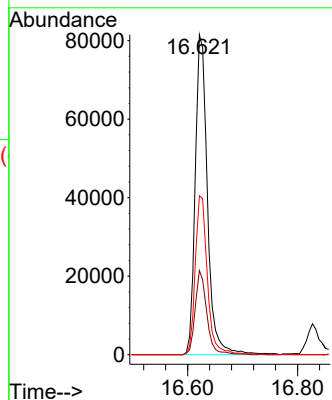
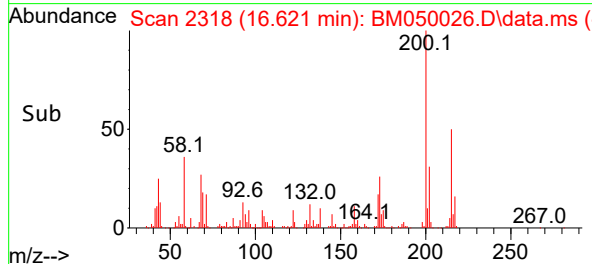
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



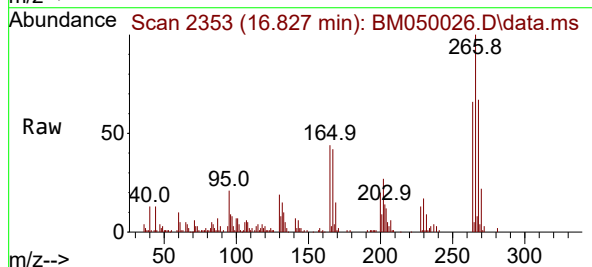
Tgt Ion:200 Resp: 12616
Ion Ratio Lower Upper
200 100
173 26.3 4.3 44.3
215 49.6 30.6 70.6

Manual Integrations
APPROVED

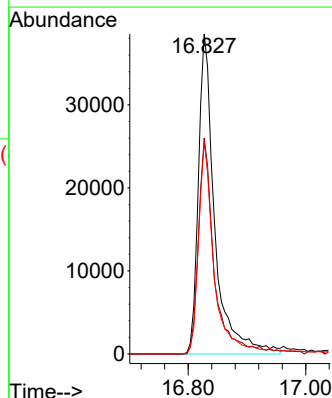
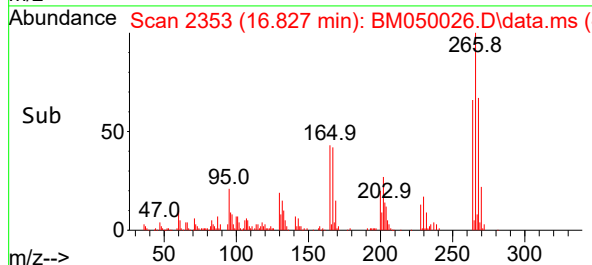
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

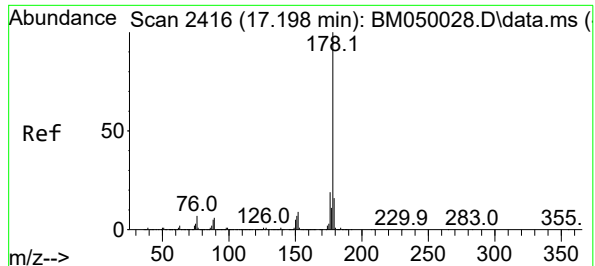


#70
Pentachlorophenol
Concen: 7.483 ng
RT: 16.827 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



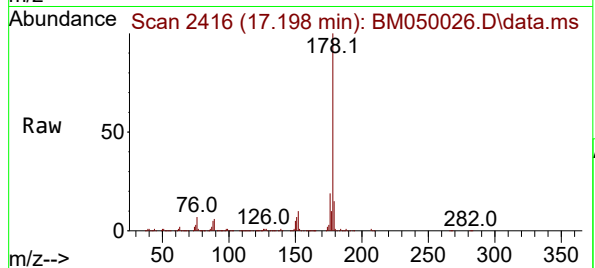
Tgt Ion:266 Resp: 74839
Ion Ratio Lower Upper
266 100
268 67.5 51.2 76.8
264 66.3 49.6 74.4





#71
Phenanthrene
Concen: 9.172 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

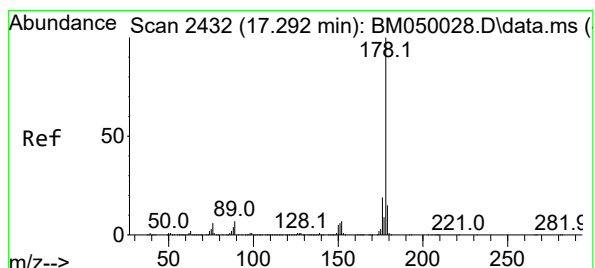
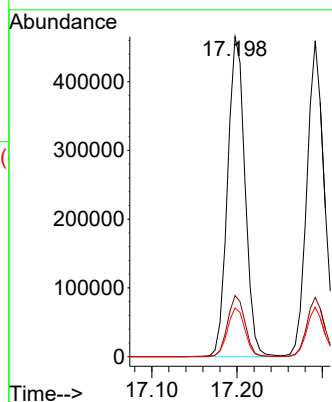
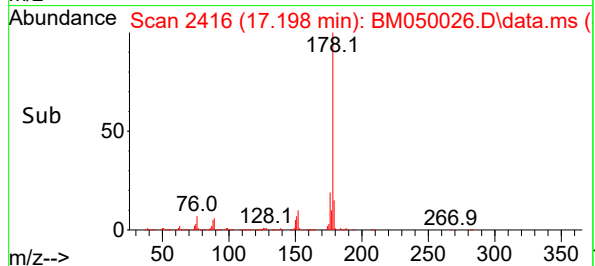
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 659374
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6

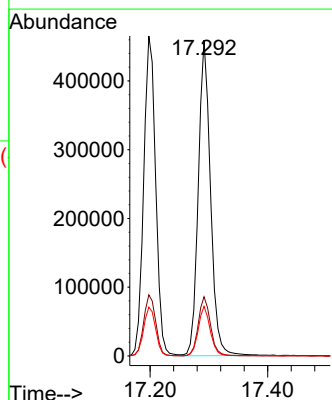
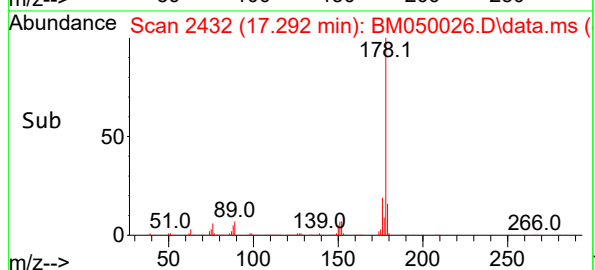
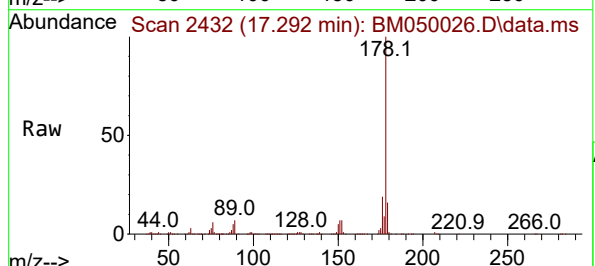
Manual Integrations
APPROVED

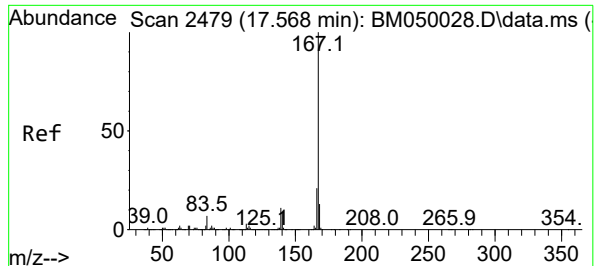
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 9.089 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

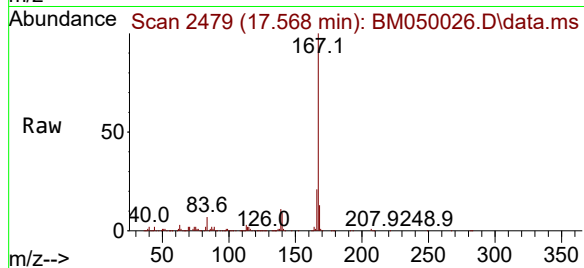
Tgt Ion:178 Resp: 661260
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4





#73
Carbazole
Concen: 9.087 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

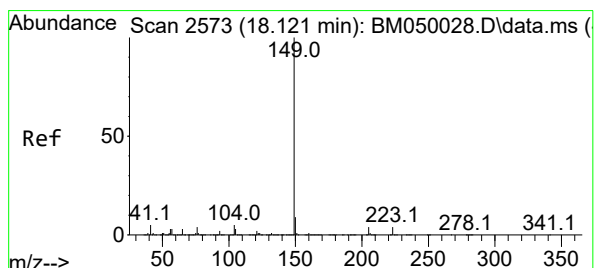
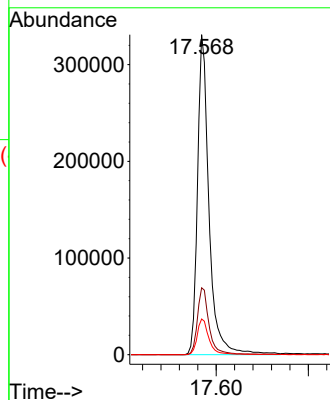
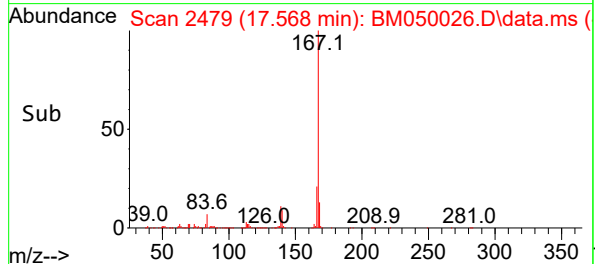
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 57366
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 11.2 9.0 13.6

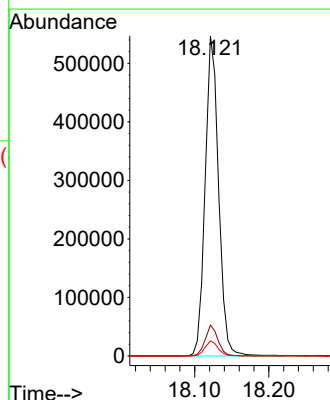
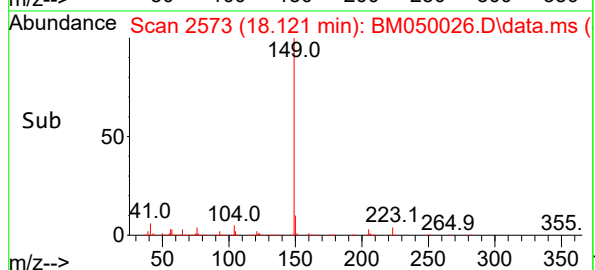
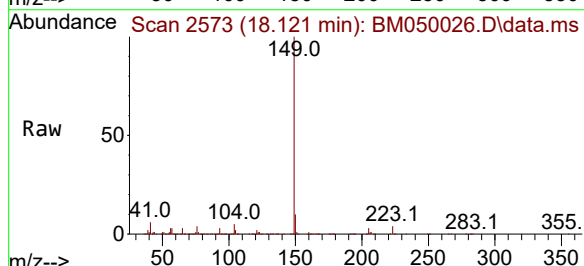
Manual Integrations
APPROVED

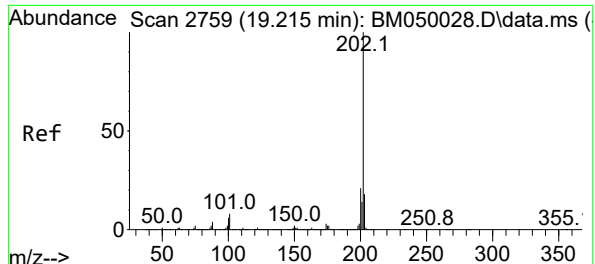
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 9.168 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

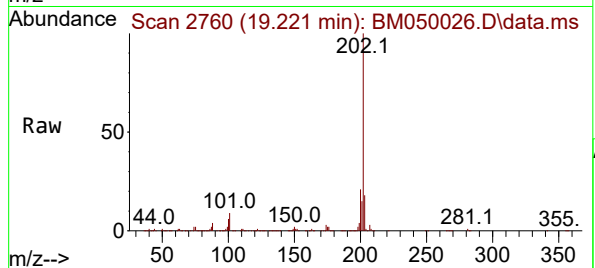
Tgt Ion:149 Resp: 689248
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 8.621 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

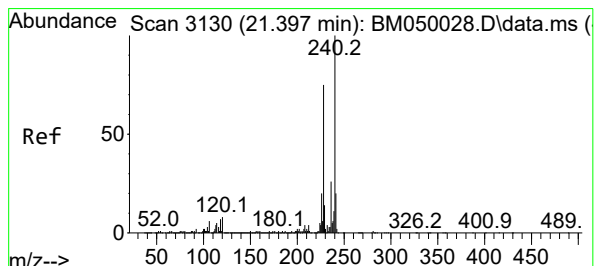
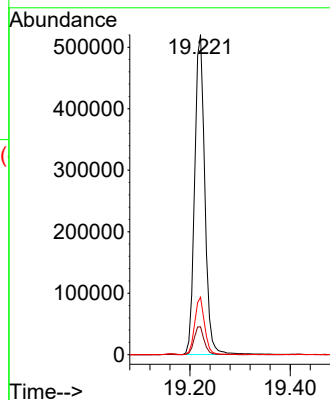
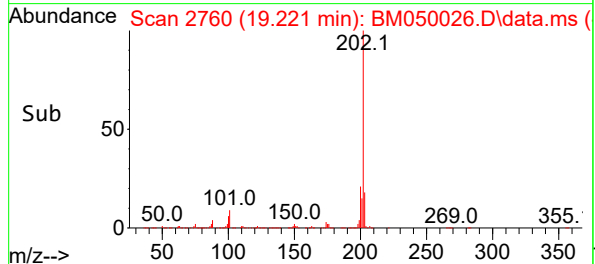
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



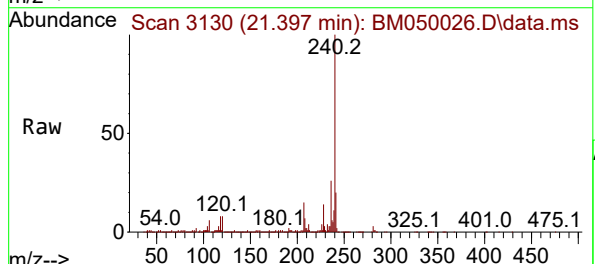
Tgt Ion:202 Resp: 72760
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.0
203 18.0 0.0 37.7

Manual Integrations
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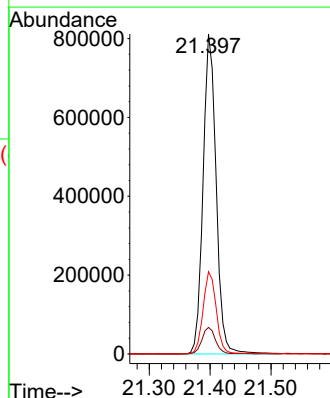
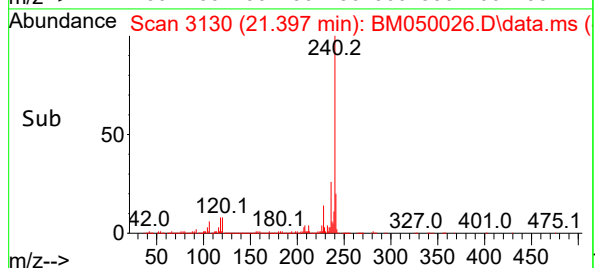
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

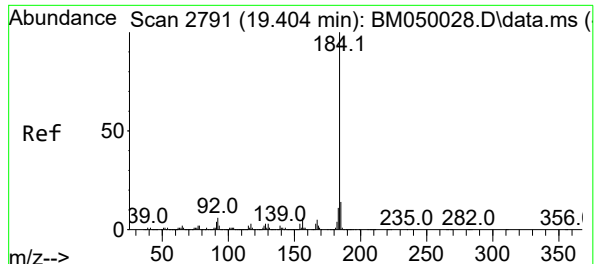


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



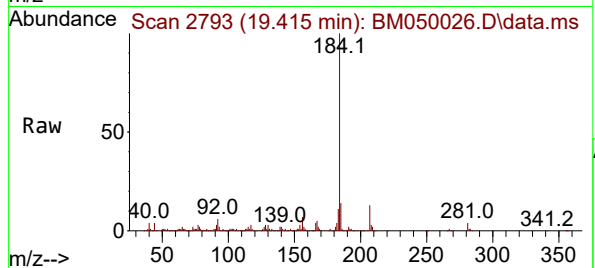
Tgt Ion:240 Resp: 1213581
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.7 20.9 31.3





#77
Benzidine
Concen: 7.887 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

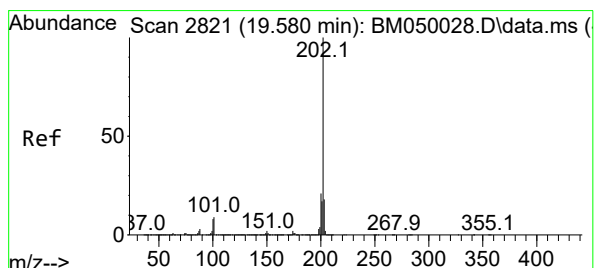
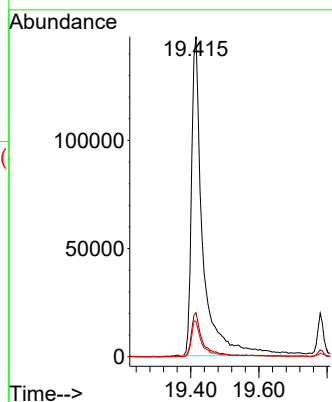
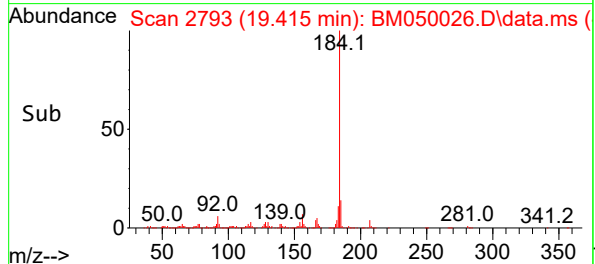
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 339970
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.0 8.9 13.3

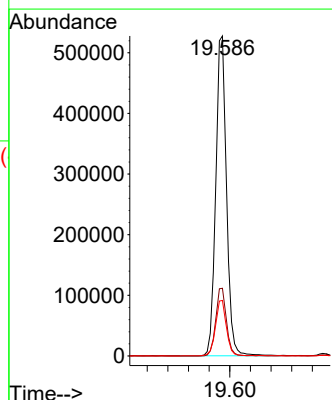
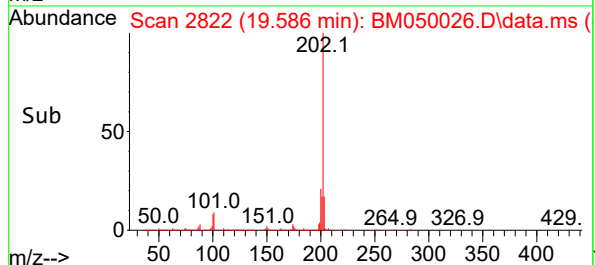
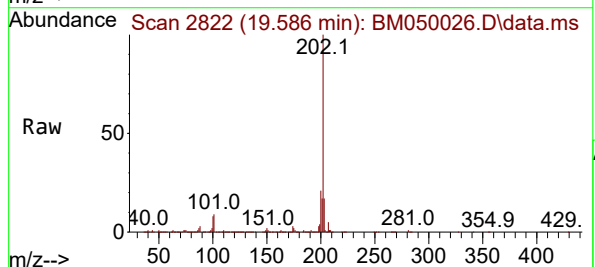
Manual Integrations
APPROVED

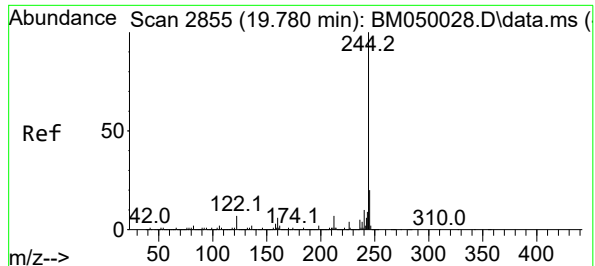
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 8.937 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

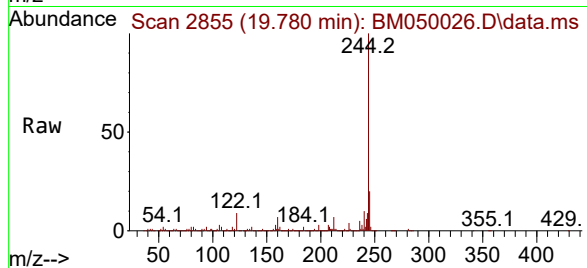
Tgt Ion:202 Resp: 761625
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 17.601 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

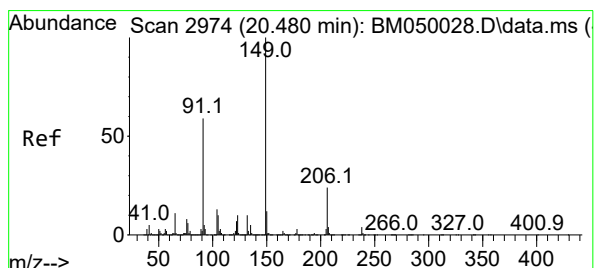
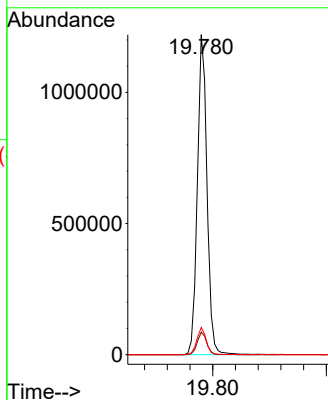
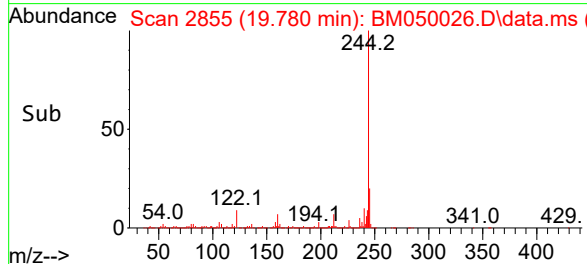
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



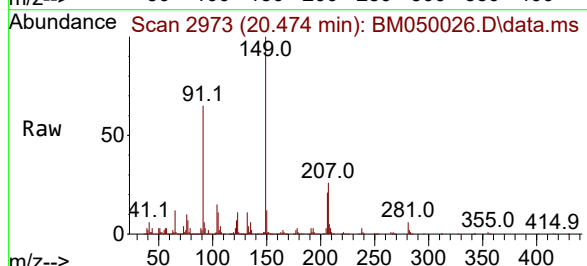
Tgt Ion:244 Resp: 1443528
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 8.5 5.6 8.4

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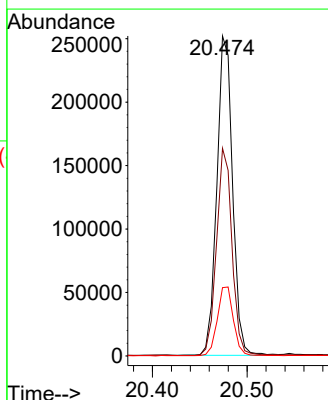
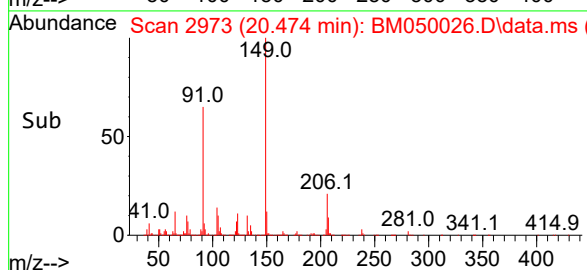
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

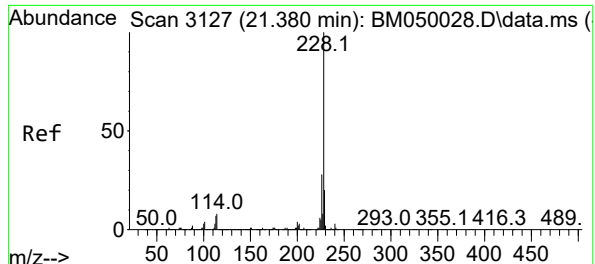


#80
Butylbenzylphthalate
Concen: 9.105 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



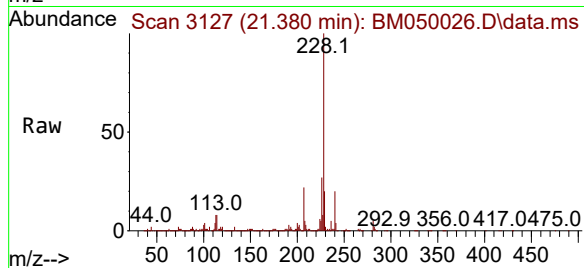
Tgt Ion:149 Resp: 290617
Ion Ratio Lower Upper
149 100
91 64.9 47.4 71.2
206 21.3 19.4 29.0





#81
Benzo(a)anthracene
Concen: 8.940 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

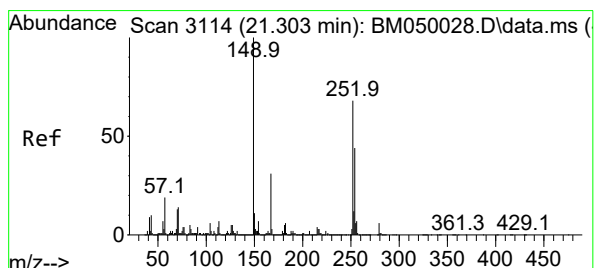
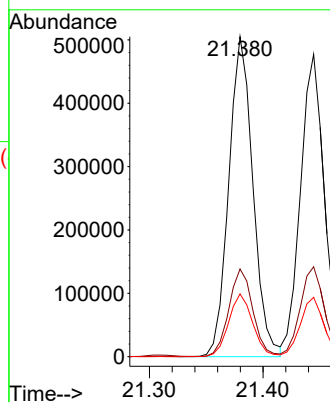
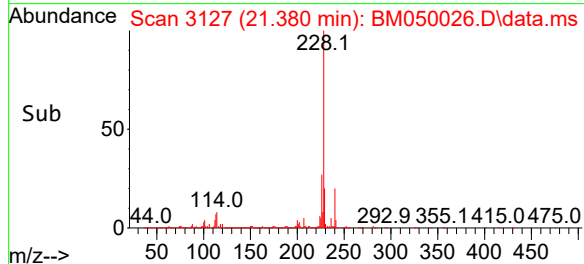
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 747128
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.6 15.7 23.5

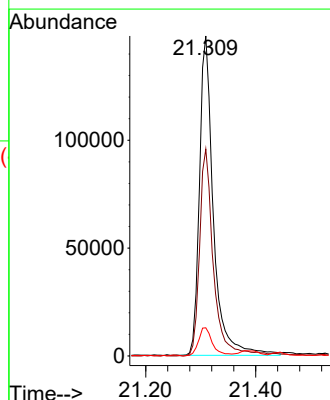
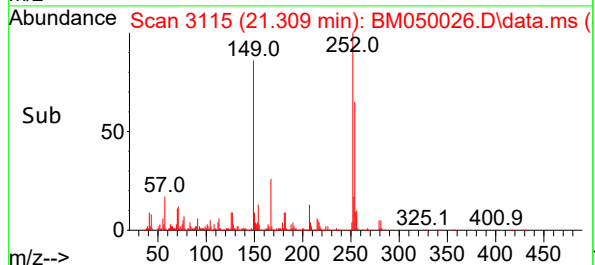
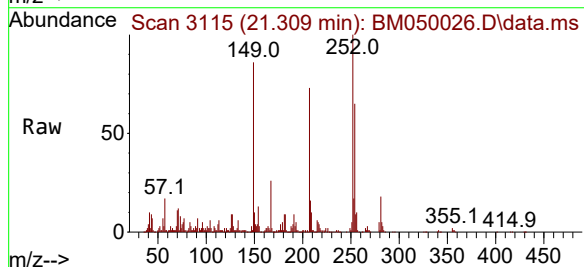
Manual Integrations
APPROVED

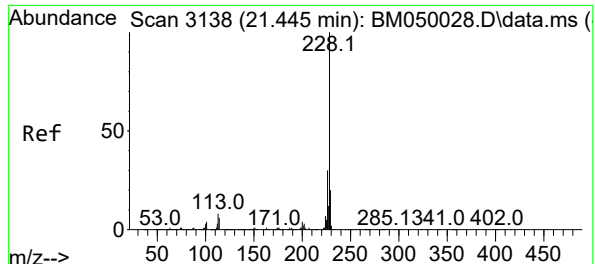
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.190 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

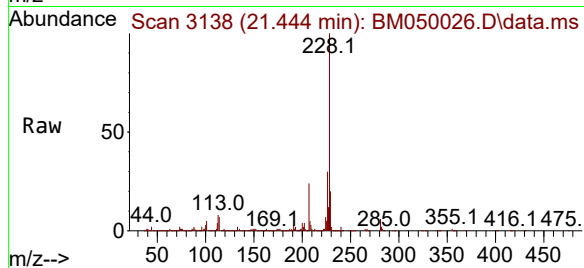
Tgt Ion:252 Resp: 262017
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 8.8 6.0 9.0





#83
Chrysene
Concen: 9.178 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

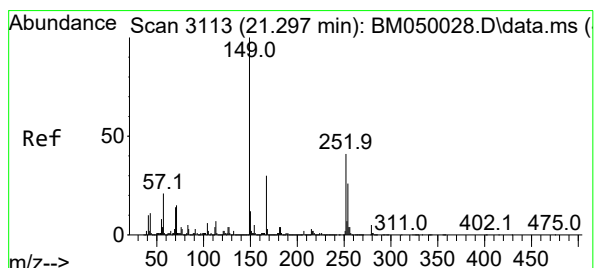
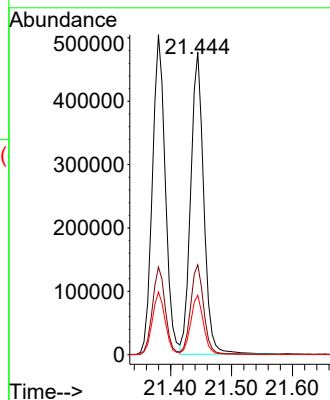
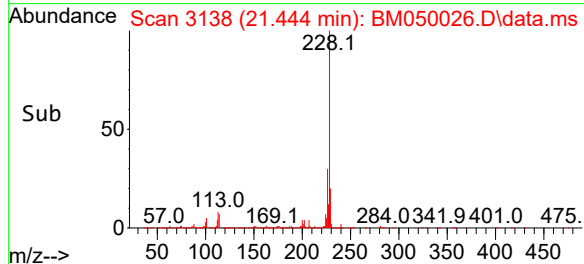
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 709862
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.6 15.7 23.5

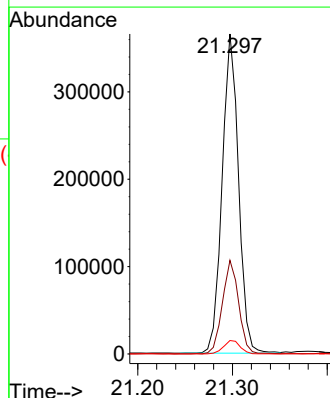
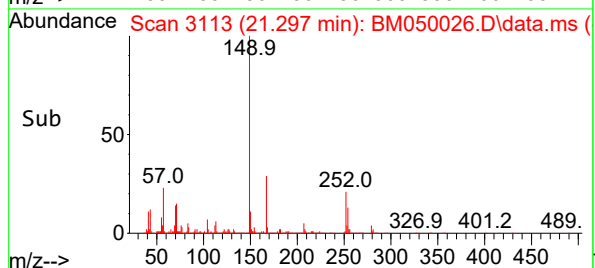
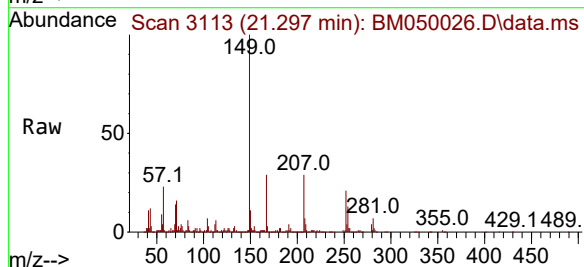
Manual Integrations
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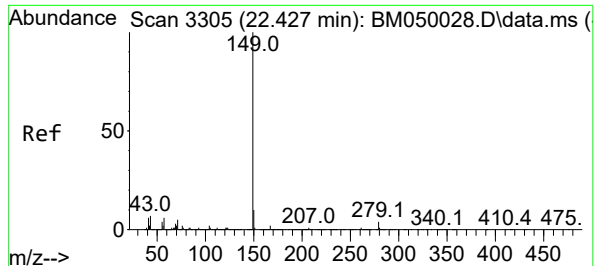
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.228 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

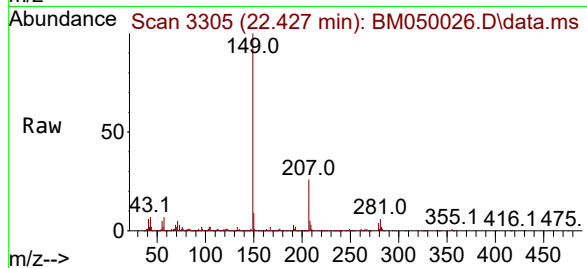
Tgt Ion:149 Resp: 439949
Ion Ratio Lower Upper
149 100
167 29.3 24.1 36.1
279 4.2 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 9.236 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

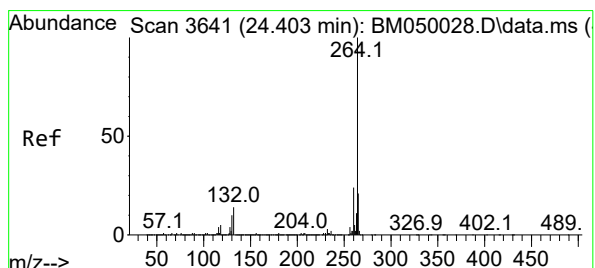
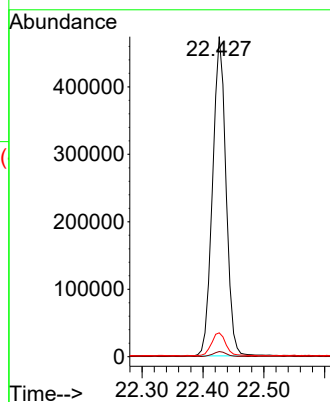
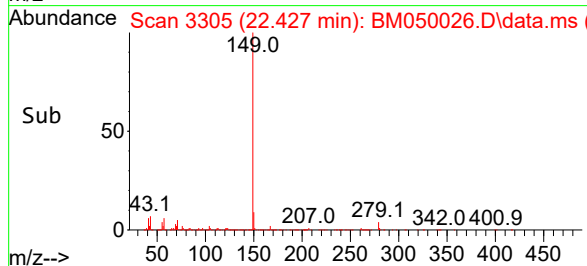
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 726208
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 5.8 8.8

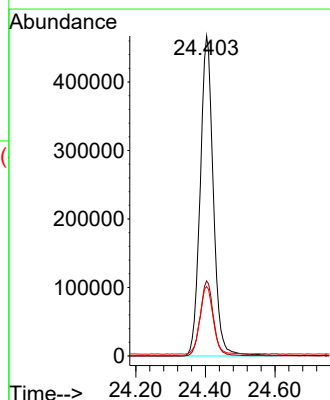
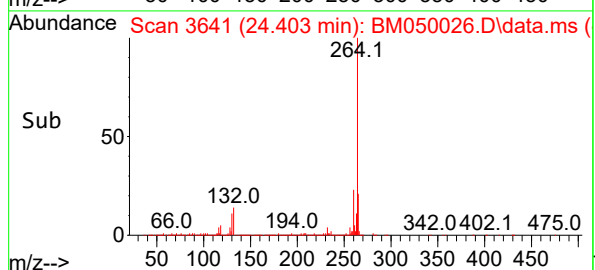
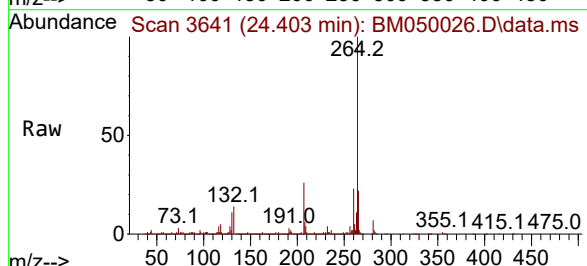
Manual Integrations
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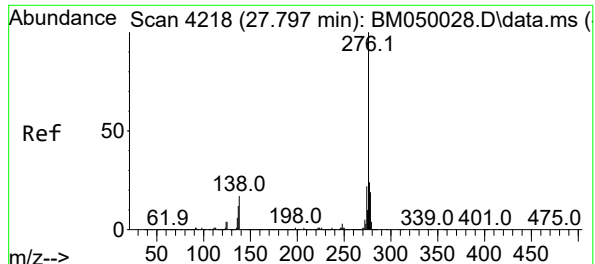
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

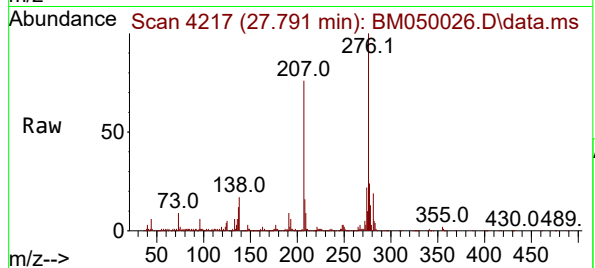
Tgt Ion:264 Resp: 1224339
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

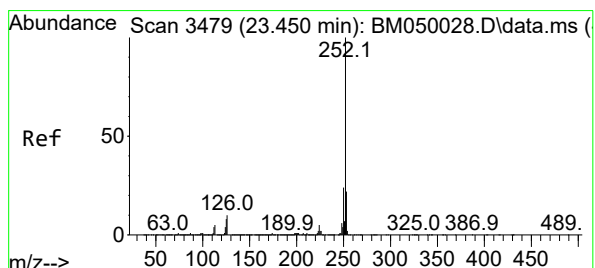
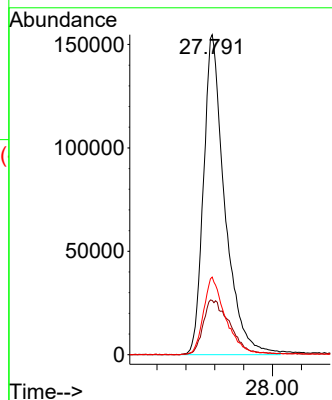
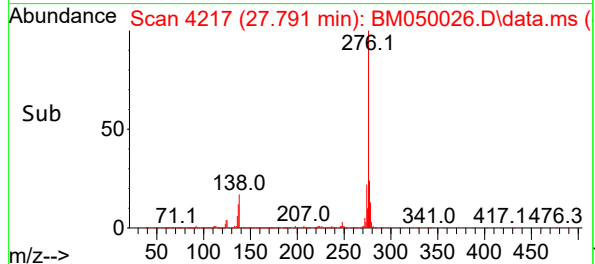
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 791344
Ion Ratio Lower Upper
276 100
138 21.4 16.4 24.6
277 25.3 19.8 29.8

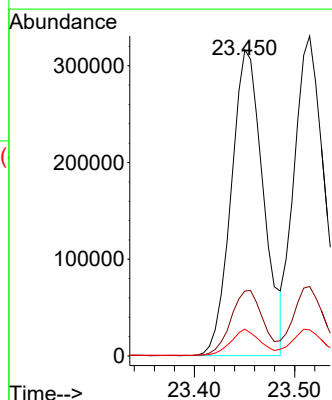
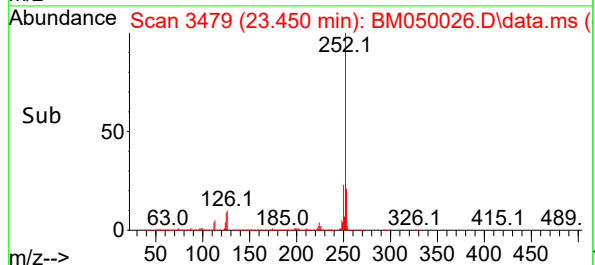
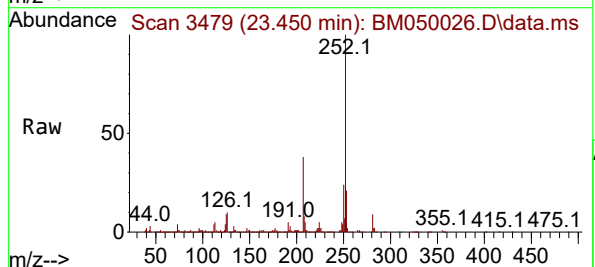
Manual Integrations
APPROVED

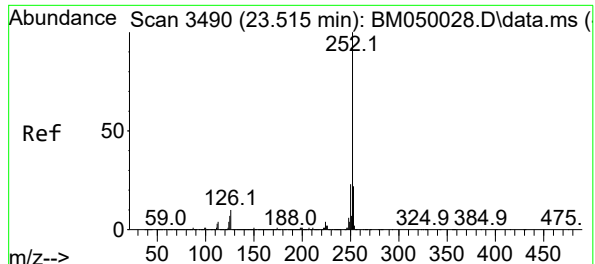
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 8.831 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 703118
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 8.8 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 8.741 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 70414

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

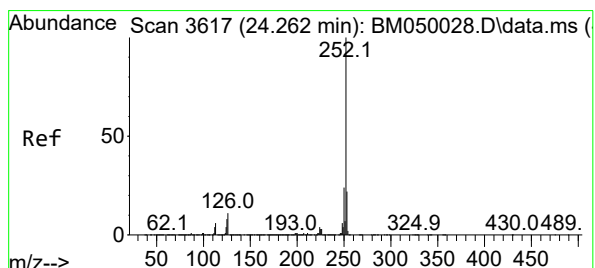
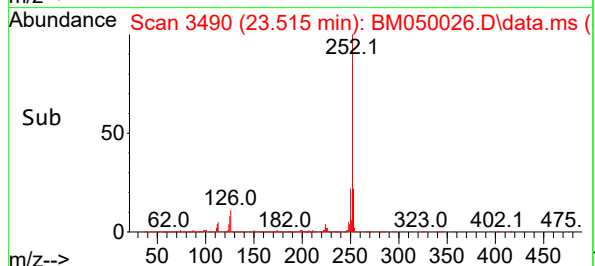
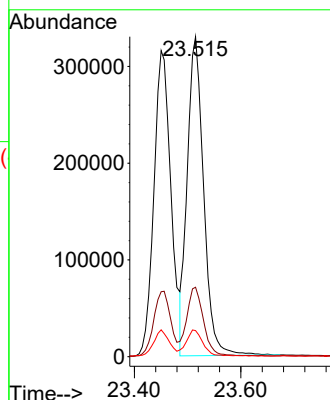
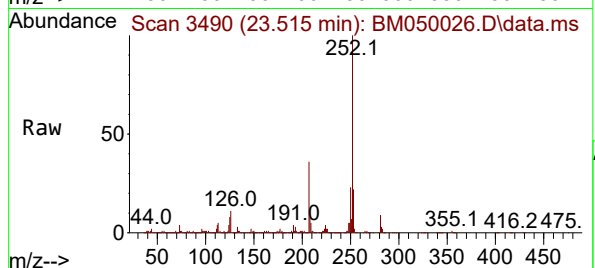
125 8.2 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 8.751 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

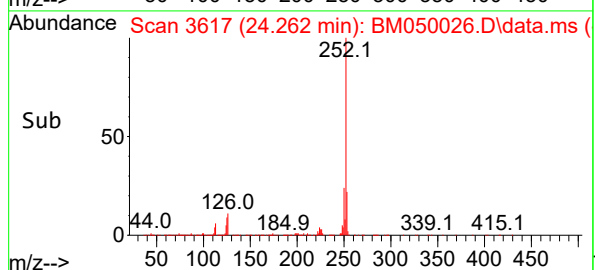
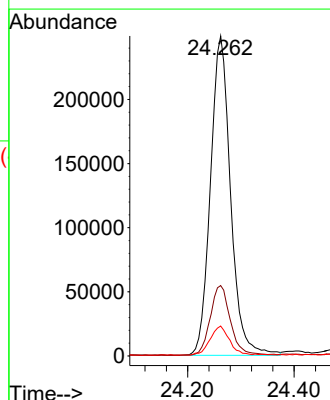
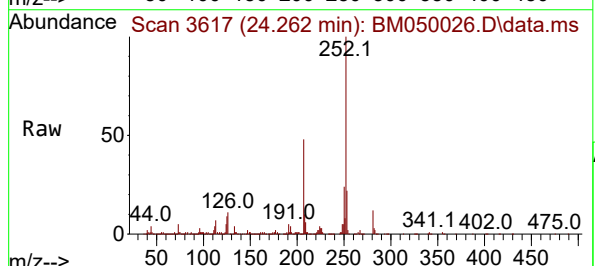
Tgt Ion:252 Resp: 652617

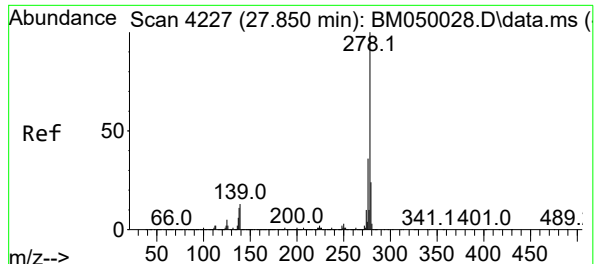
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 8.591 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 63891

Ion Ratio Lower Upper

278 100

139 13.2 10.5 15.7

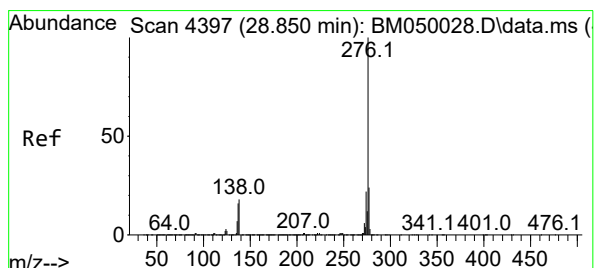
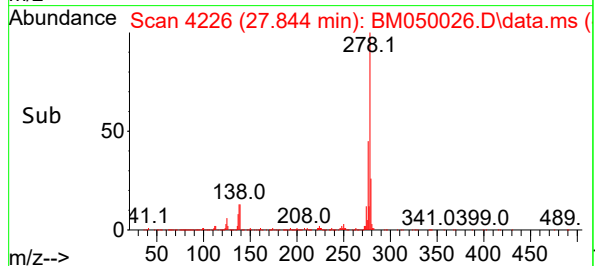
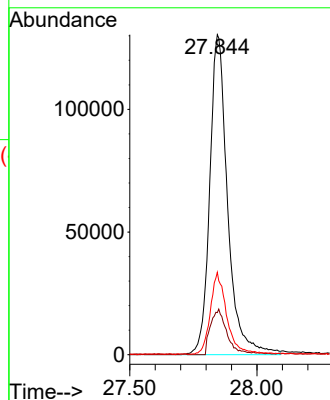
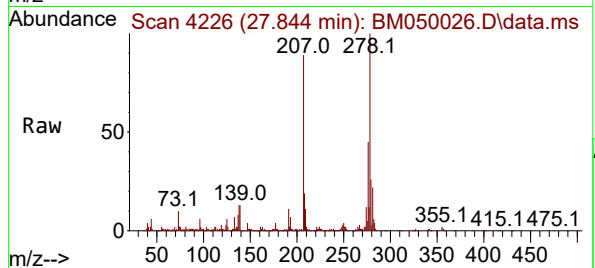
279 25.8 19.4 29.0

Manual Integrations

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#92

Benzo(g,h,i)perylene

Concen: 8.852 ng

RT: 28.850 min Scan# 4397

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

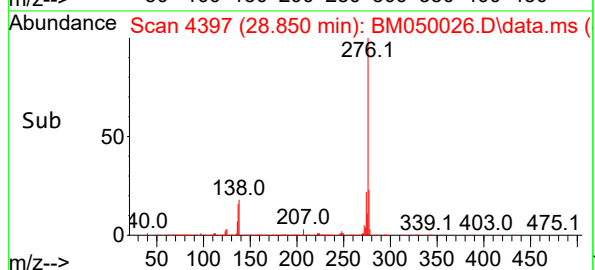
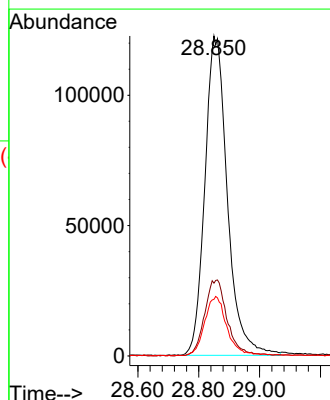
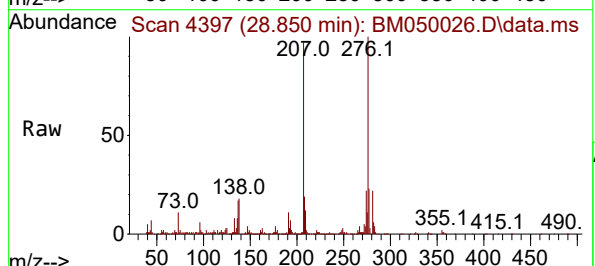
Tgt Ion:276 Resp: 630261

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 17.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng	0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	537488	38.777	ng	0.00
7) Phenol-d6	6.951	99	678404	38.941	ng	0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng	0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng	99
3) Pyridine	3.658	79	298256	19.532	ng	98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	# 100
6) Aniline	7.098	93	429222	19.511	ng	99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng	99
9) Benzaldehyde	6.910	77	235594	20.233	ng	98
10) Phenol	6.981	94	344567	19.537	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng	99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng	99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng	99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng	99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng	98
17) 2-Methylphenol	8.228	107	225978	19.450	ng	99
18) Hexachloroethane	8.845	117	126530	19.571	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng	99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng	97
22) Acetophenone	8.592	105	434539	19.499	ng	98
24) Nitrobenzene	8.969	77	309341	19.667	ng	99
25) Isophorone	9.498	82	609252	19.648	ng	99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng	97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng	100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng	98
31) Naphthalene	10.610	128	890530	19.618	ng	99
32) Benzoic acid	9.881	122	154412m	18.168	ng	
33) 4-Chloroaniline	10.734	127	362366	19.475	ng	99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng	99
35) Caprolactam	11.516	113	84917	19.509	ng	93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng	99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng	99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng	99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

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Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

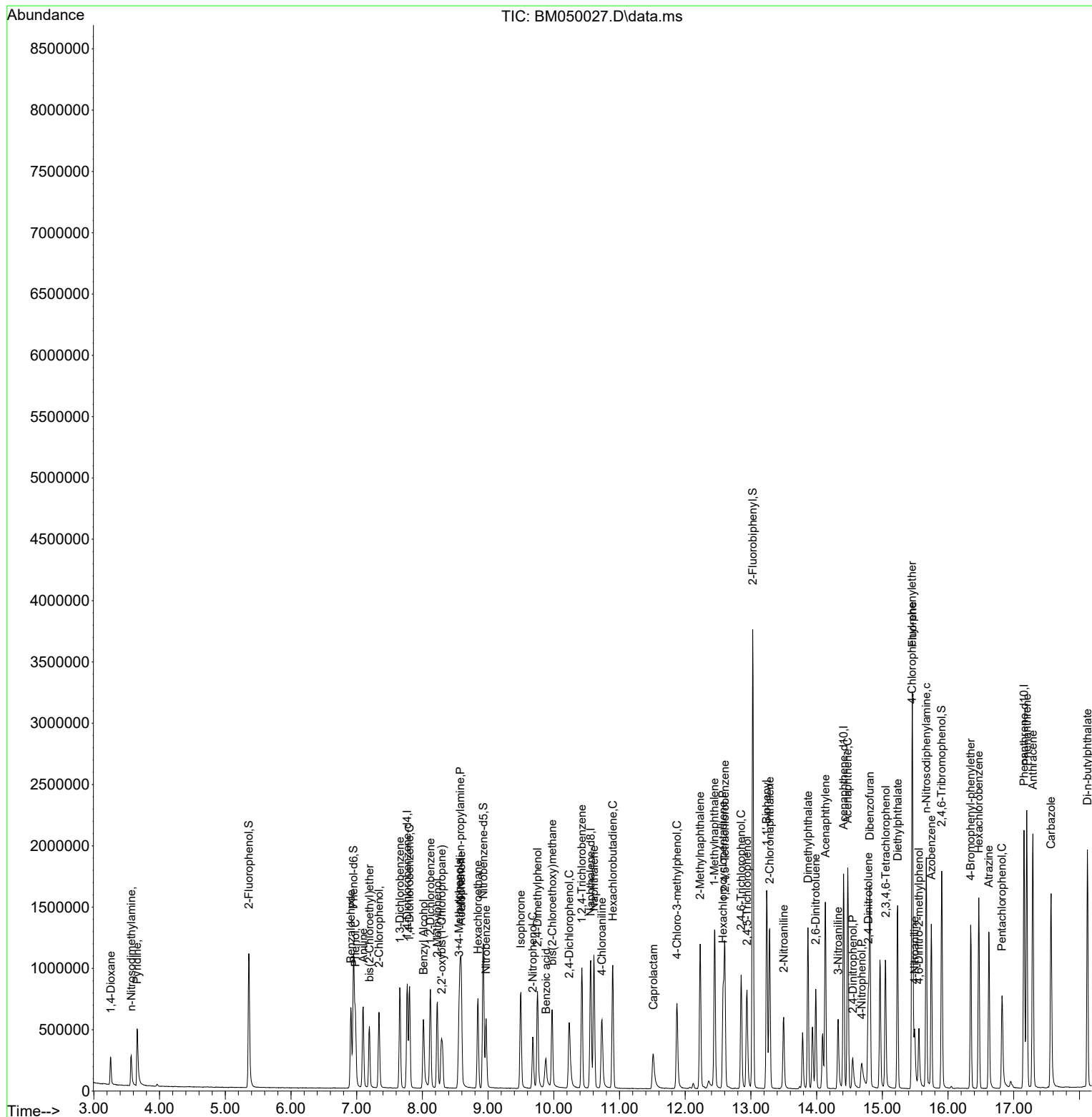
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 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
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Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



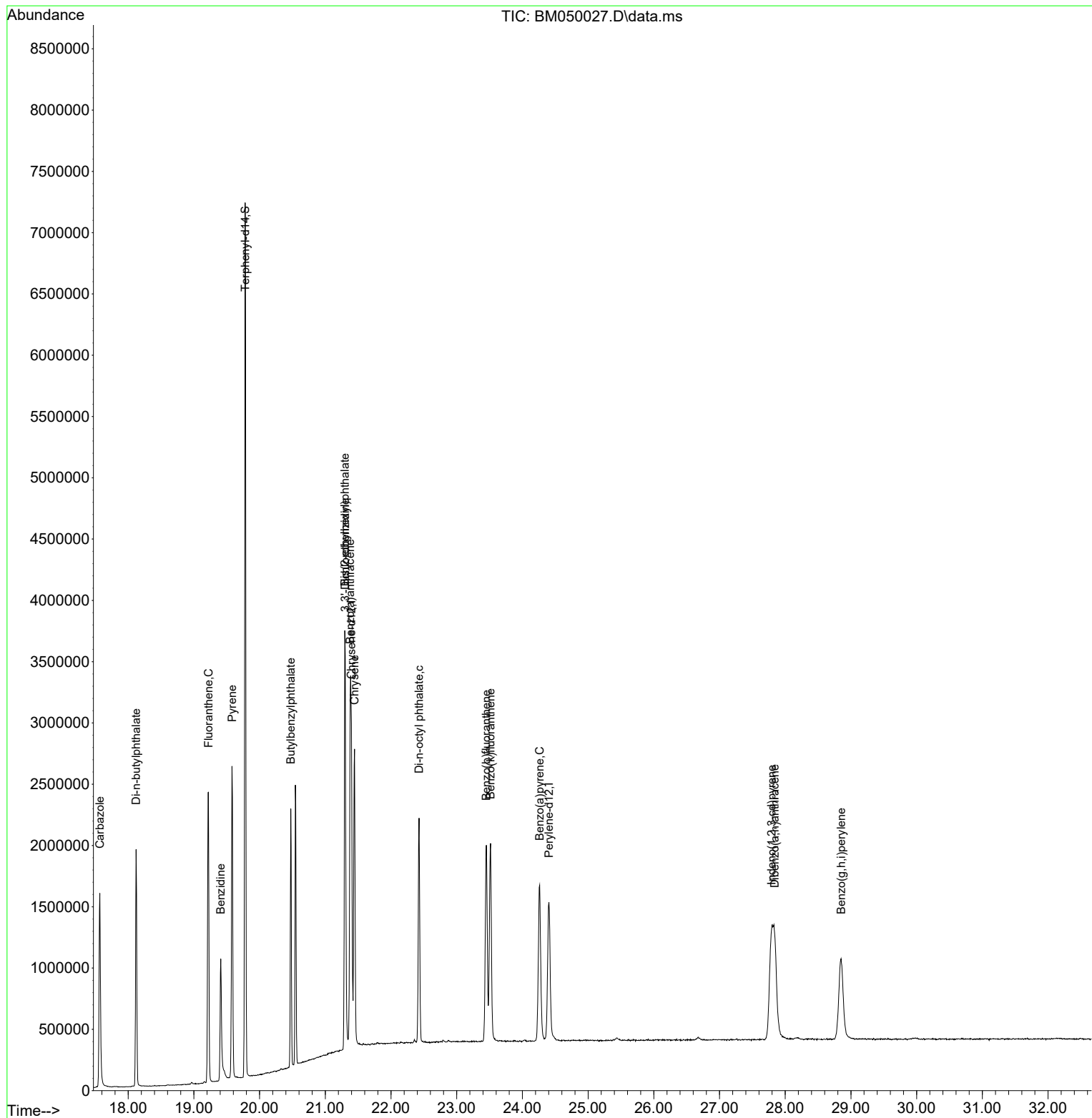
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Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

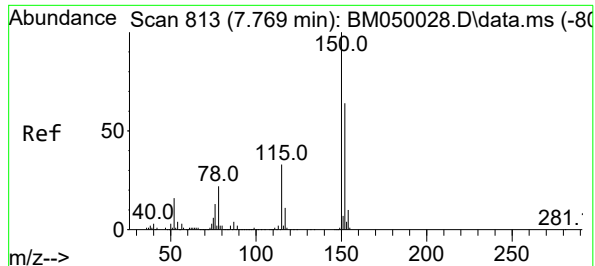
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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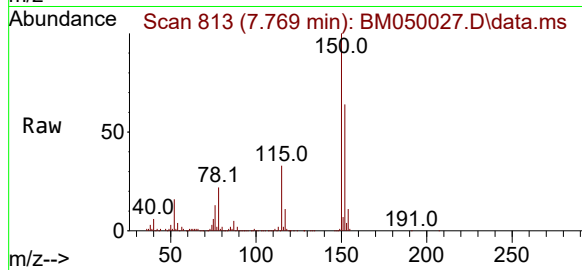
Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

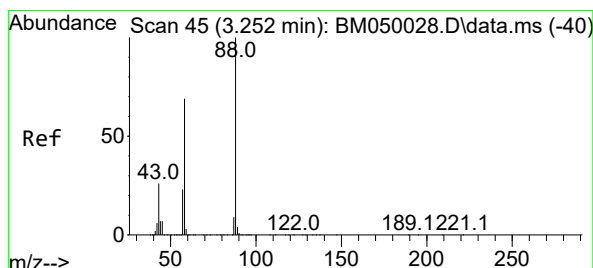
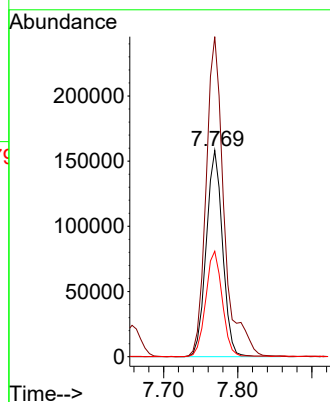
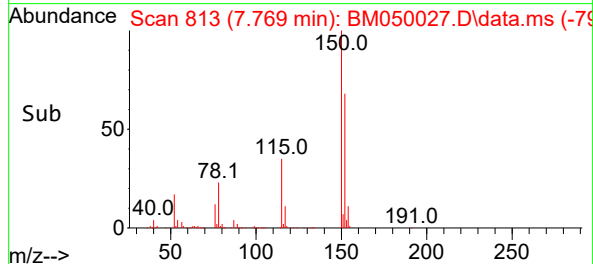
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 242715
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 51.1 41.2 61.8

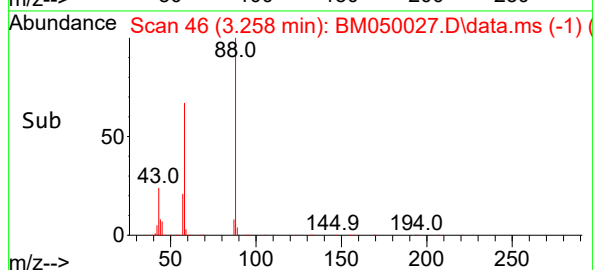
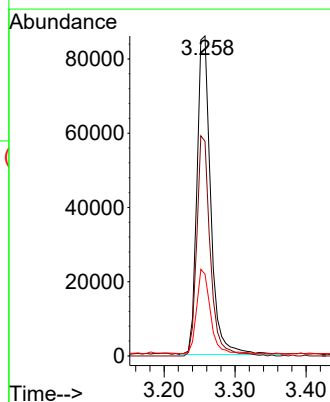
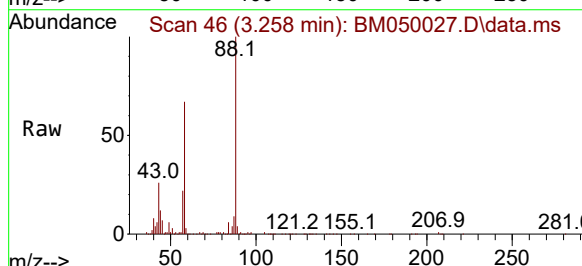
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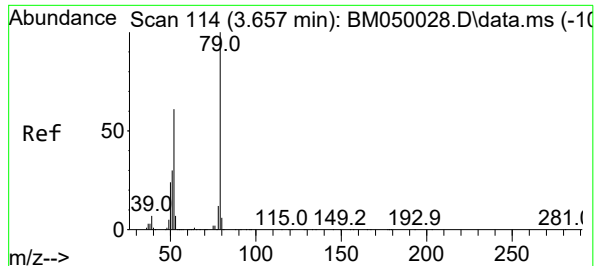
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 19.509 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

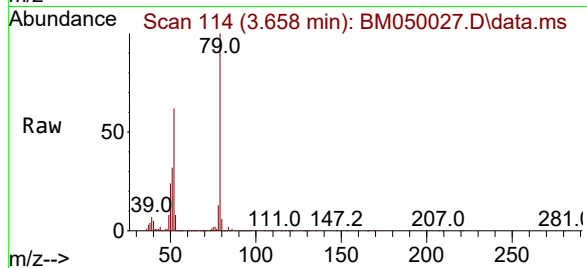
Tgt Ion: 88 Resp: 115944
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 26.7 20.9 31.3





#3
Pyridine
Concen: 19.532 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

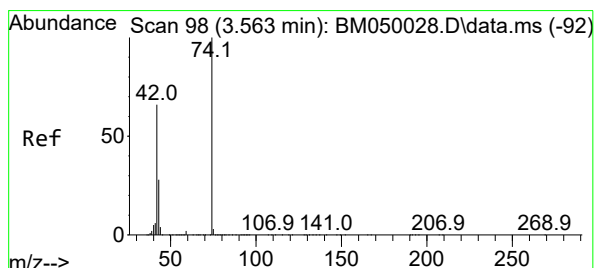
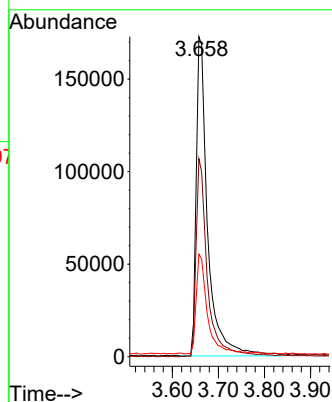
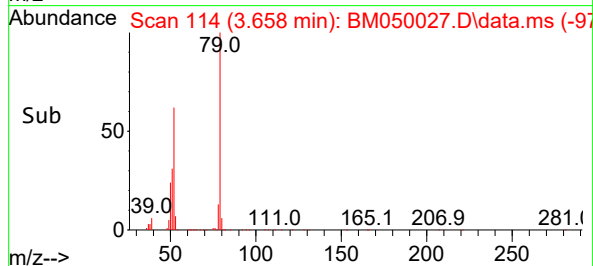
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 298250
Ion Ratio Lower Upper
79 100
52 61.8 48.6 72.8
51 32.1 24.6 37.0

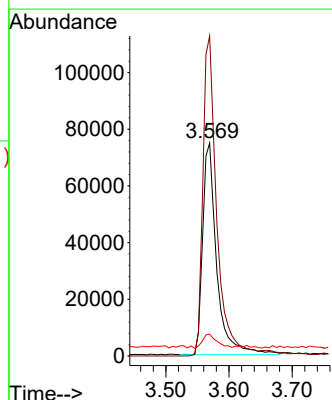
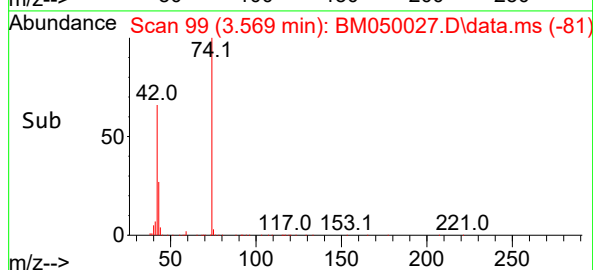
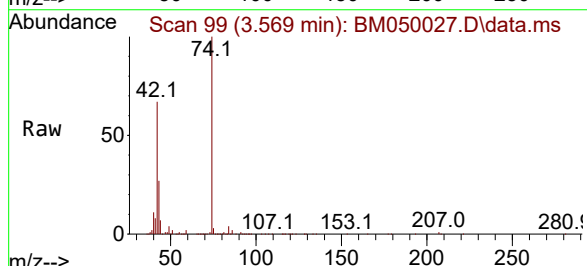
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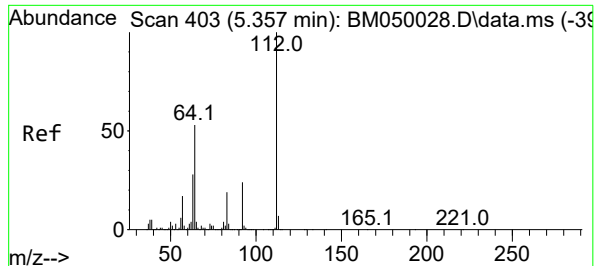
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#4
n-Nitrosodimethylamine
Concen: 19.251 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 42 Resp: 115296
Ion Ratio Lower Upper
42 100
74 150.3 120.2 180.2
44 10.3 6.2 9.2#





#5

2-Fluorophenol

Concen: 38.777 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050027.D

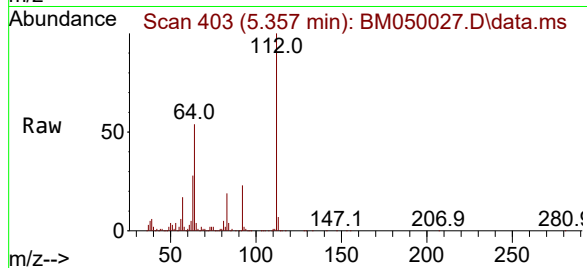
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:112 Resp: 537488

Ion Ratio Lower Upper

112 100

64 54.3 42.6 64.0

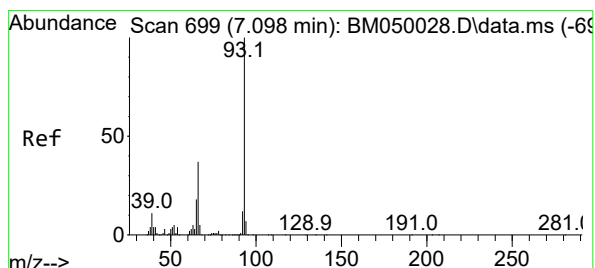
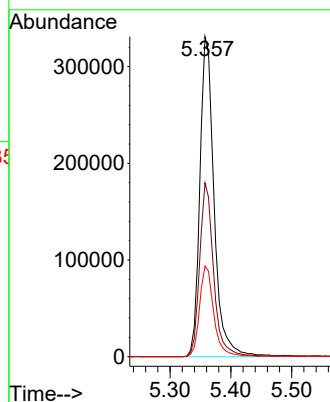
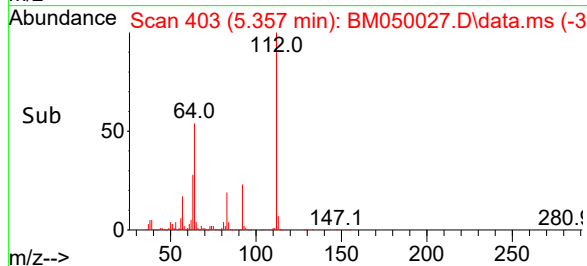
63 28.2 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 19.511 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

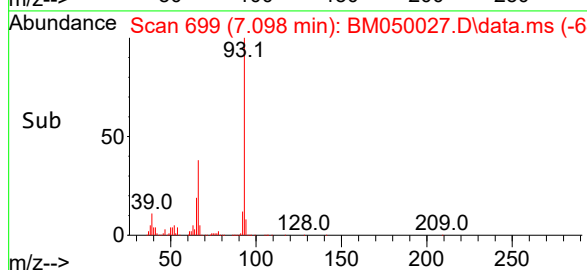
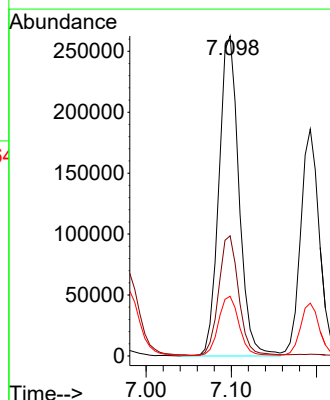
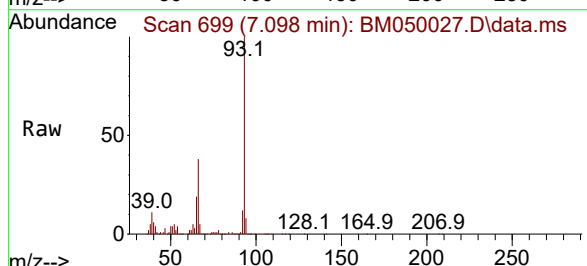
Tgt Ion: 93 Resp: 429222

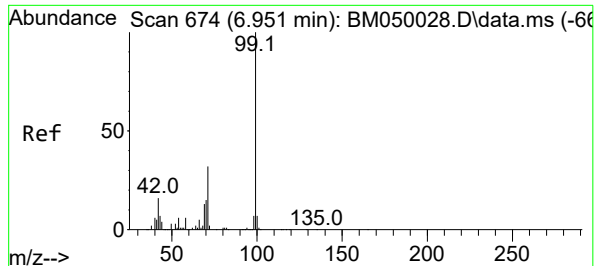
Ion Ratio Lower Upper

93 100

66 37.5 29.9 44.9

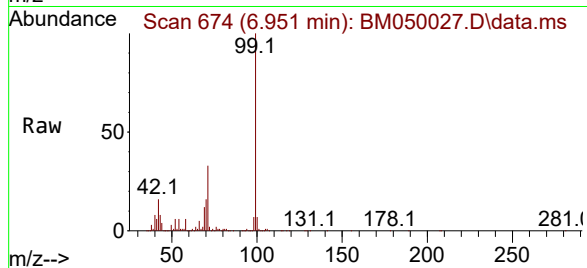
65 18.7 14.5 21.7





#7
Phenol-d6
Concen: 38.941 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

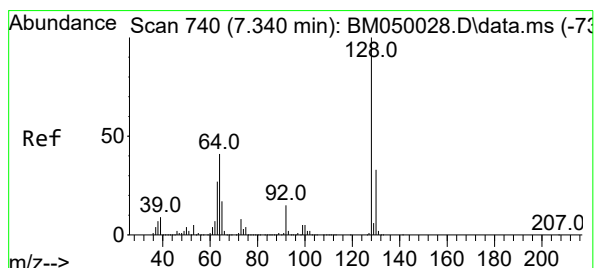
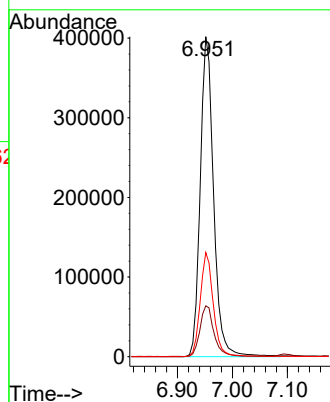
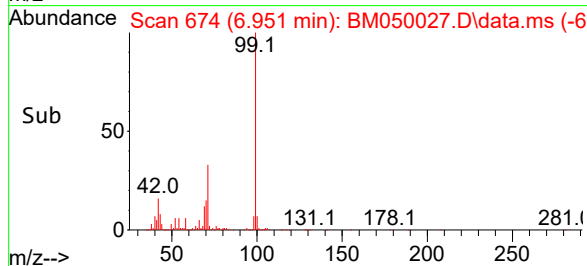
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 678404
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 32.6 25.6 38.4

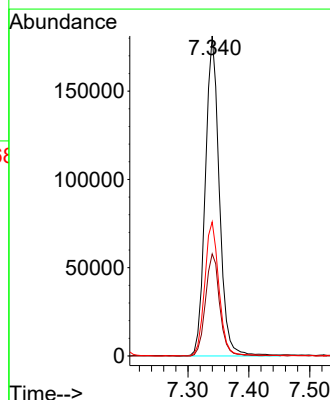
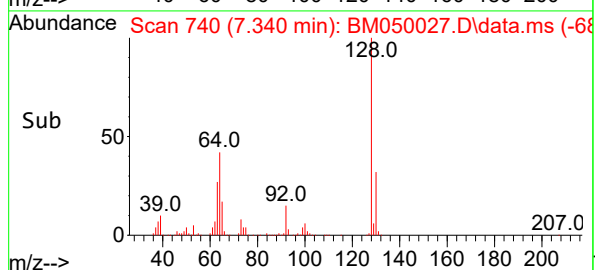
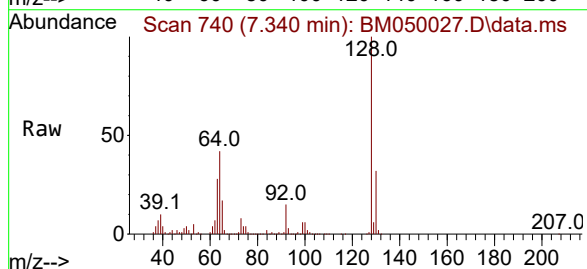
Manual Integrations
APPROVED

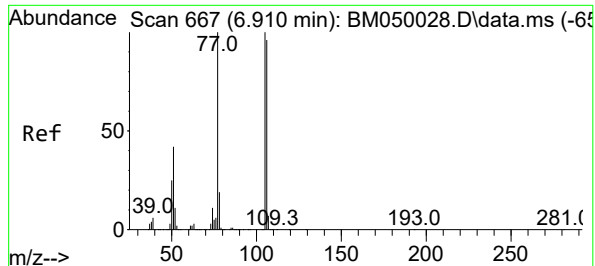
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 19.409 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

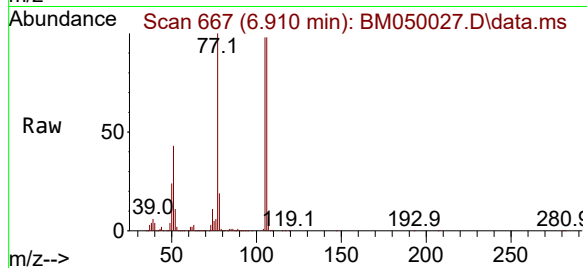
Tgt Ion:128 Resp: 290876
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 41.9 21.2 61.2





#9
Benzaldehyde
Concen: 20.233 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

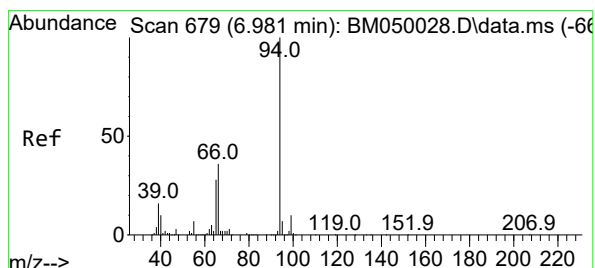
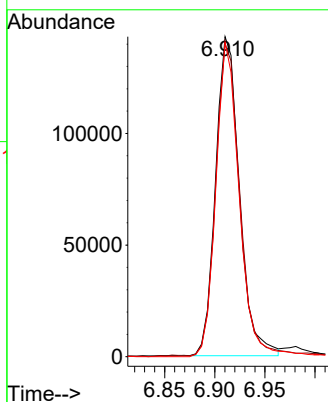
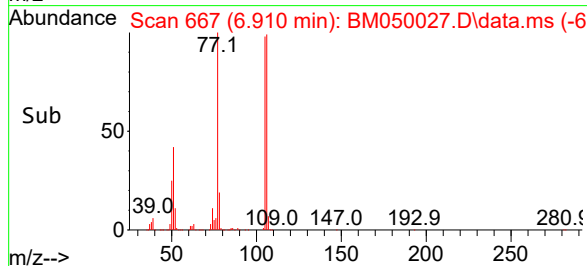
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 235594
Ion Ratio Lower Upper
77 100
105 97.9 80.5 120.5
106 98.3 76.1 116.1

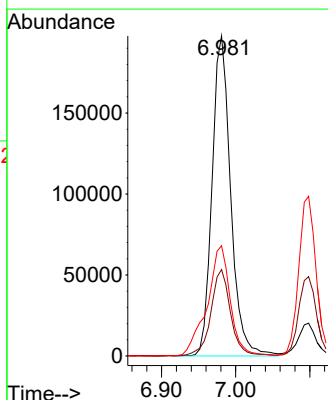
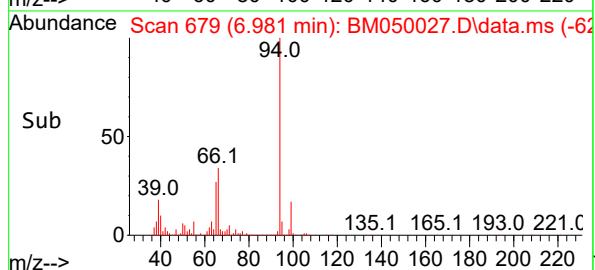
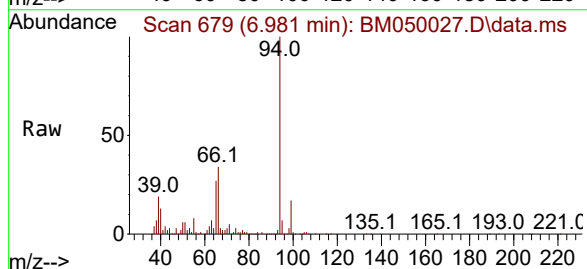
Manual Integrations
APPROVED

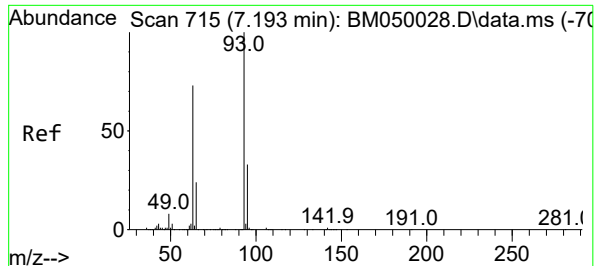
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 19.537 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 94 Resp: 344567
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 34.4 15.8 55.8





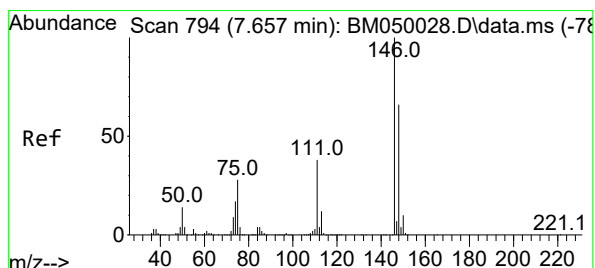
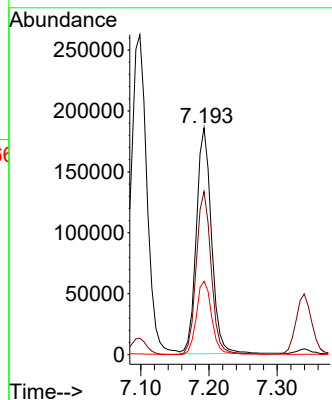
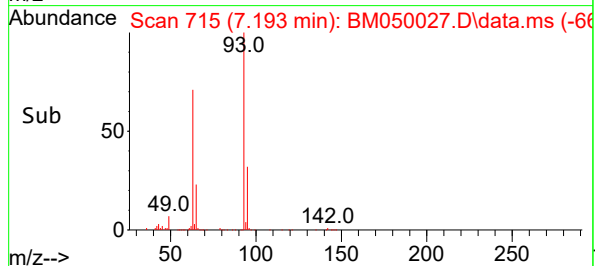
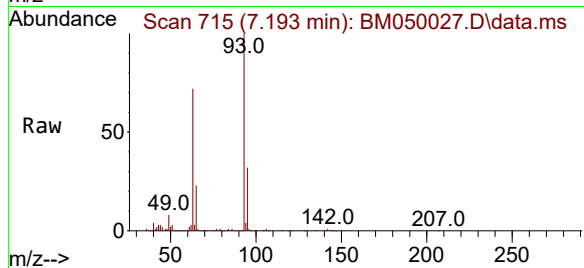
#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 285330
Ion Ratio Lower Upper
93 100
63 71.9 52.3 92.3
95 32.4 12.8 52.8

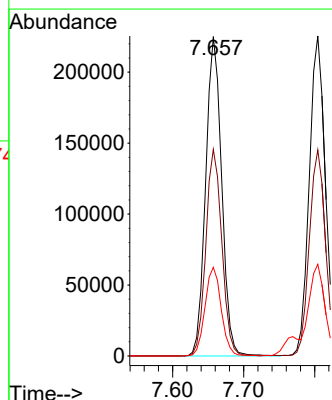
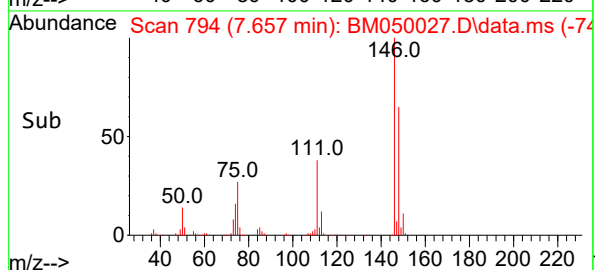
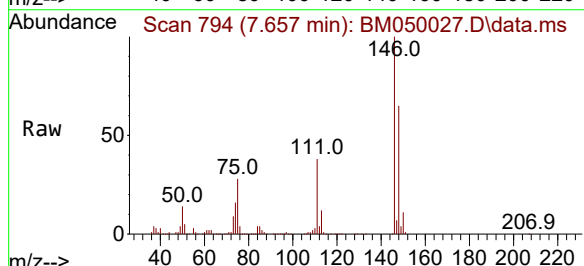
Manual Integrations
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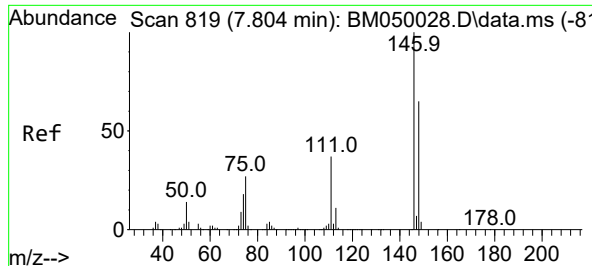
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 19.480 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

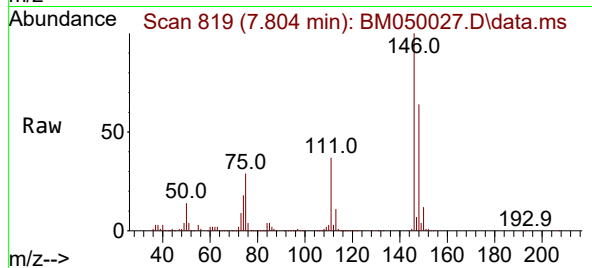
Tgt Ion:146 Resp: 352660
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 27.8 22.6 34.0





#13
1,4-Dichlorobenzene
Concen: 19.518 ng
RT: 7.804 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

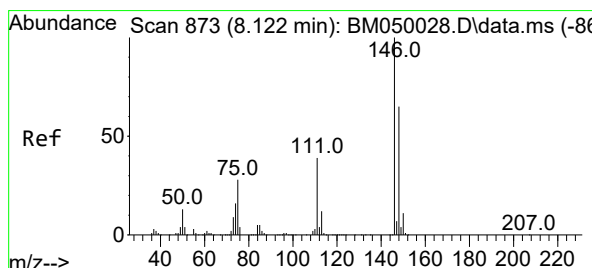
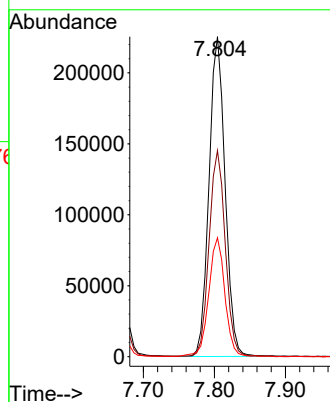
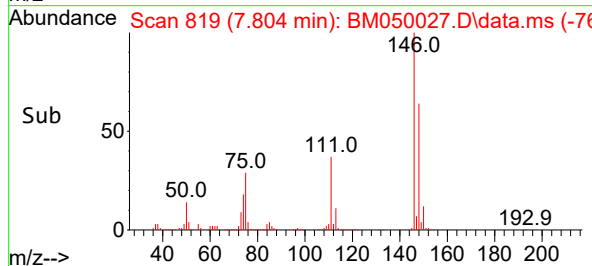
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:146 Resp: 354975
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.2
111 37.2 29.3 43.9

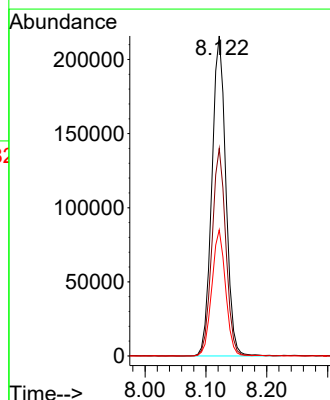
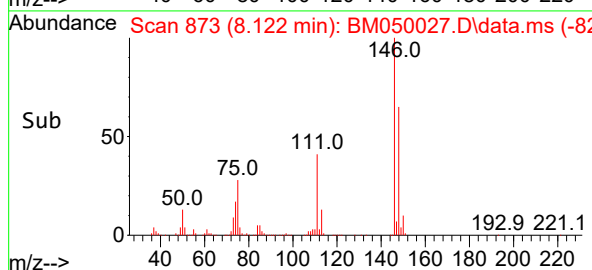
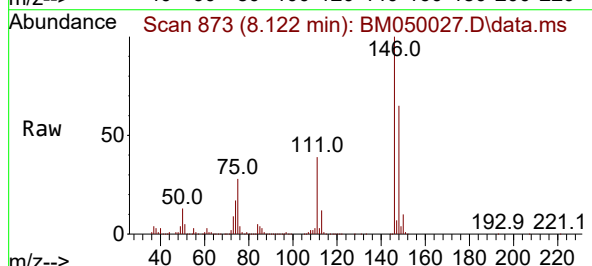
Manual Integrations
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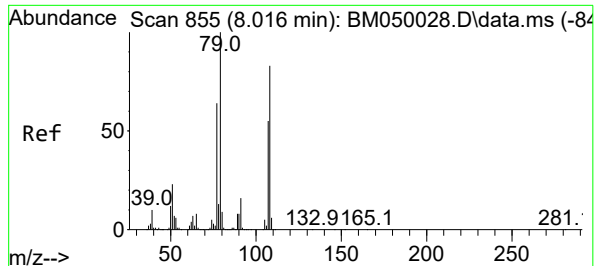
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#14
1,2-Dichlorobenzene
Concen: 19.660 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 345385
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 39.4 31.0 46.6





#15

Benzyl Alcohol

Concen: 19.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 23454

Ion Ratio Lower Upper

79 100

108 79.9 66.0 99.0

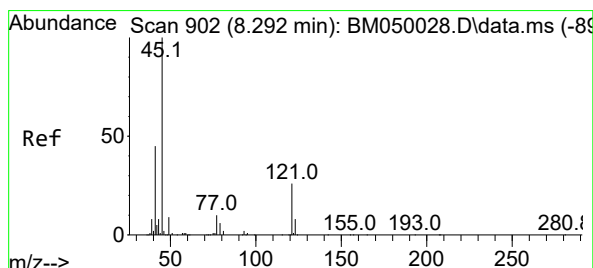
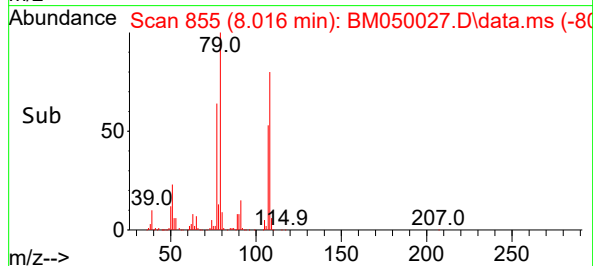
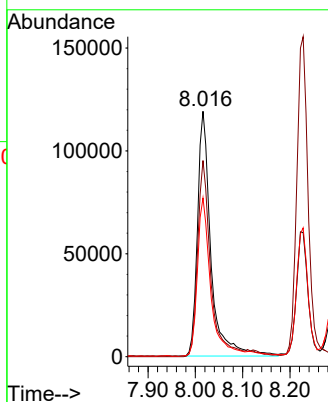
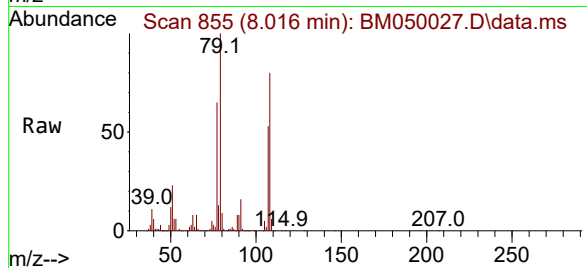
77 64.6 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.598 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

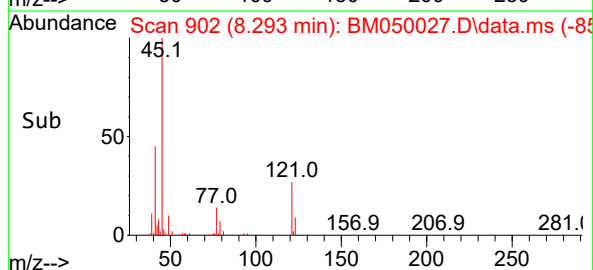
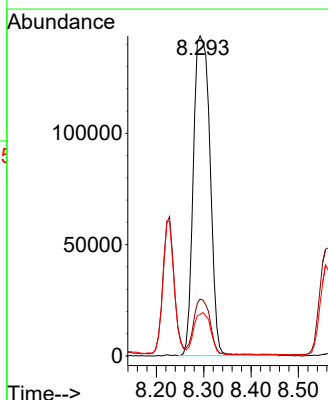
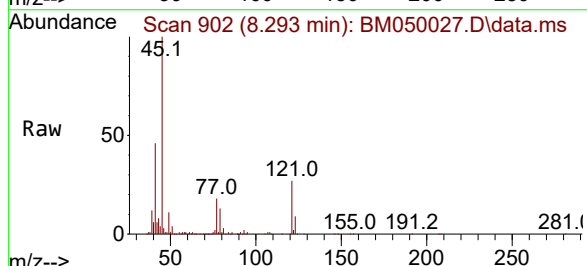
Tgt Ion: 45 Resp: 350829

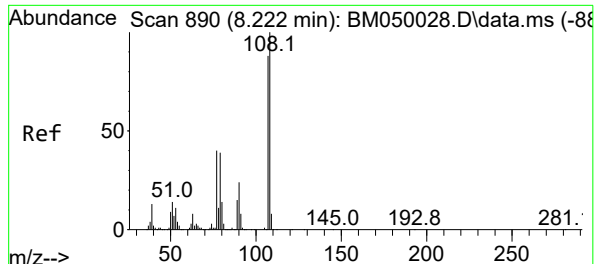
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 19.450 ng

RT: 8.228 min Scan# 891

Delta R.T. 0.006 min

Lab File: BM050027.D

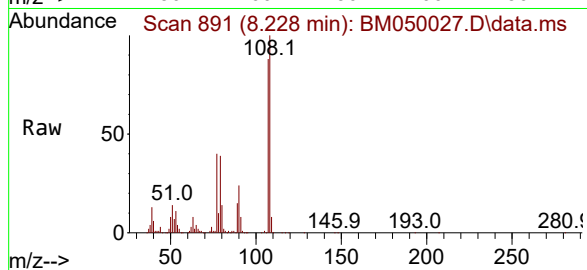
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 225978

Ion Ratio Lower Upper

107 100

108 113.4 91.1 136.7

77 45.7 36.2 54.4

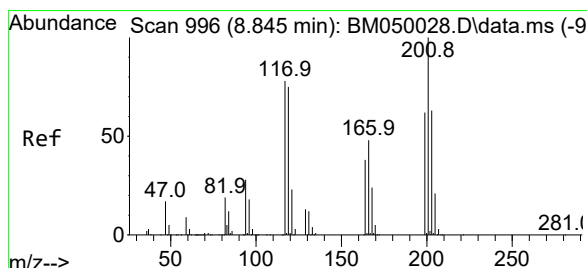
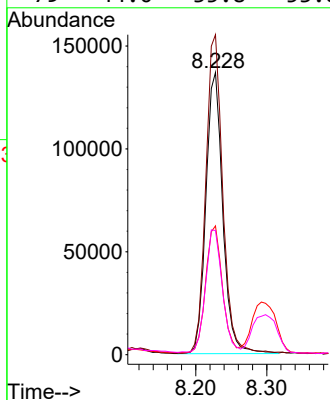
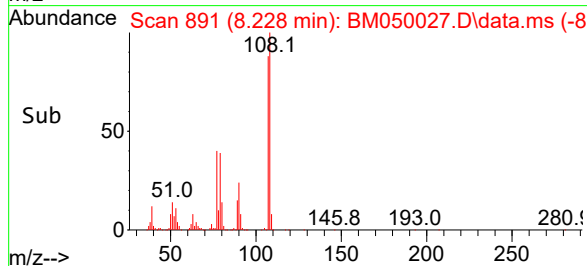
79 44.0 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

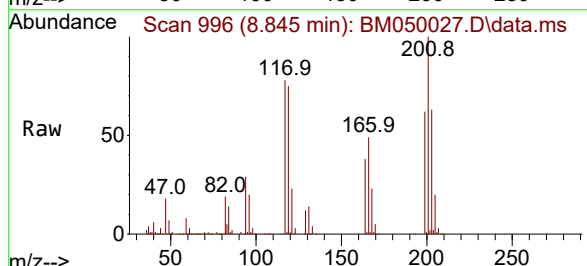
Concen: 19.571 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



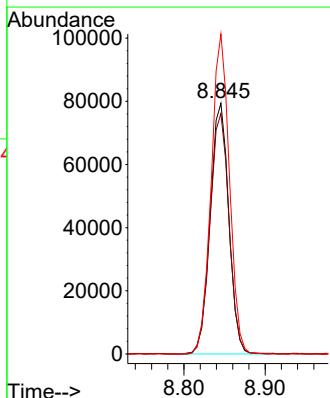
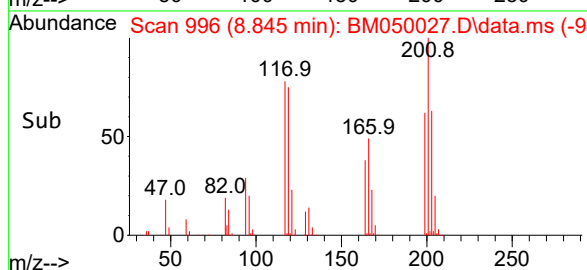
Tgt Ion:117 Resp: 126530

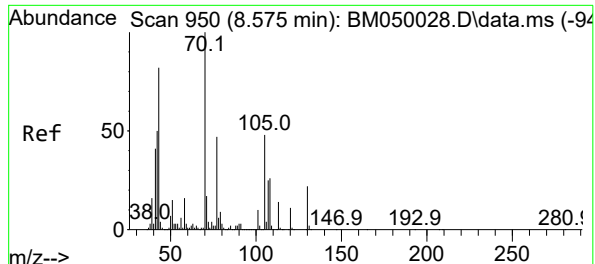
Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9

201 127.6 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.006 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 223538

Ion Ratio Lower Upper

70 100

42 49.5 40.5 60.7

101 9.5 7.8 11.6

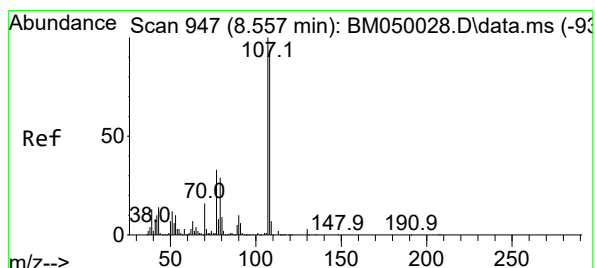
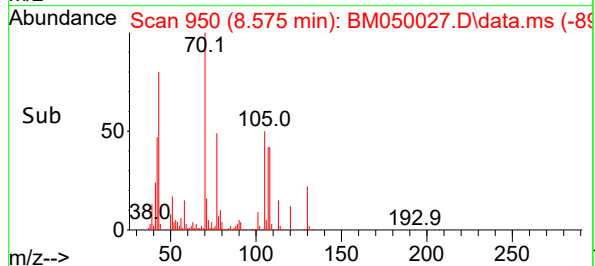
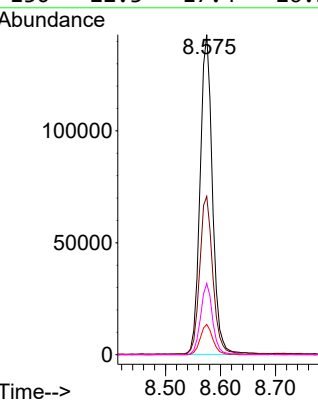
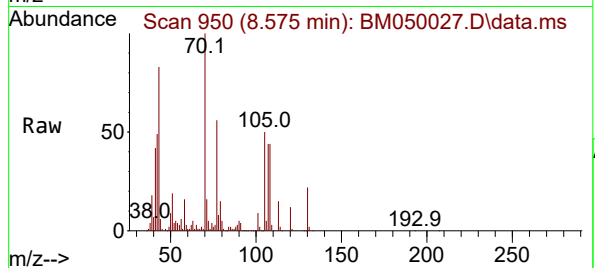
130 22.3 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 19.604 ng

RT: 8.557 min Scan# 947

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 307585

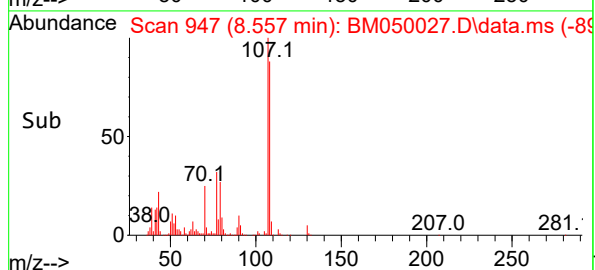
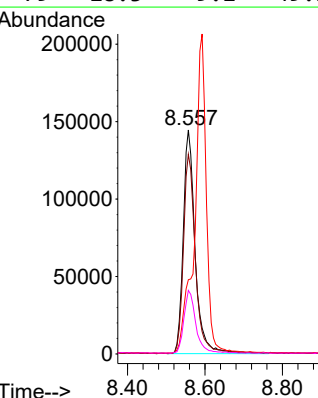
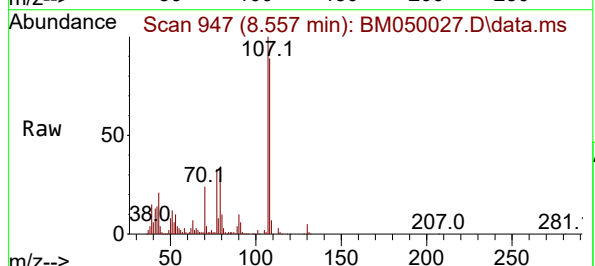
Ion Ratio Lower Upper

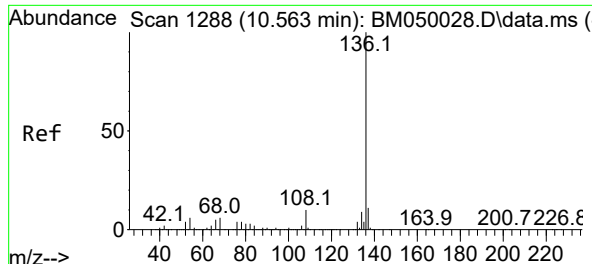
107 100

108 89.1 72.4 112.4

77 33.1 13.6 53.6

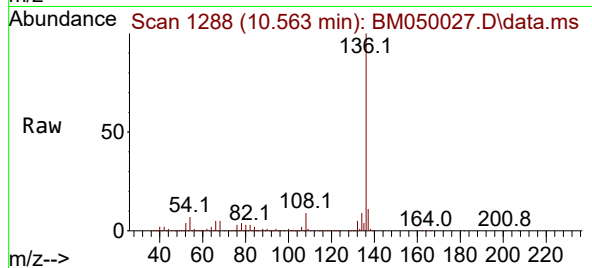
79 28.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

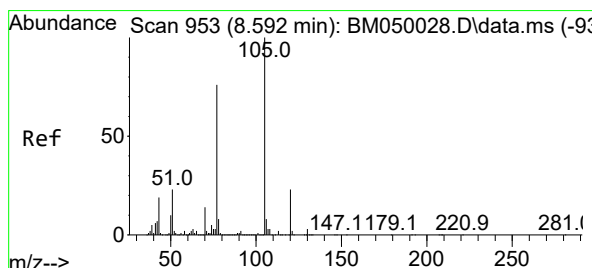
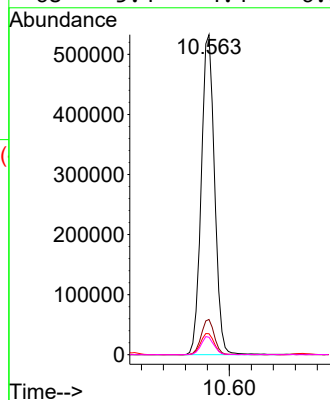
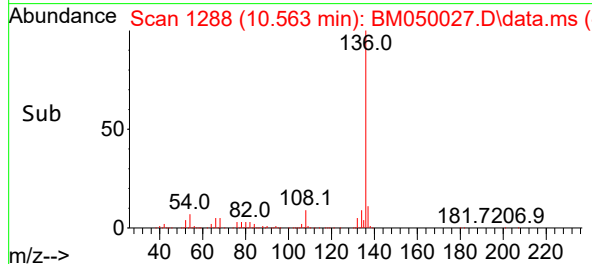
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 896360
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.6 5.1 7.7
68 5.4 4.4 6.6

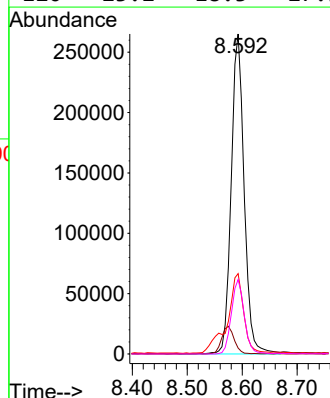
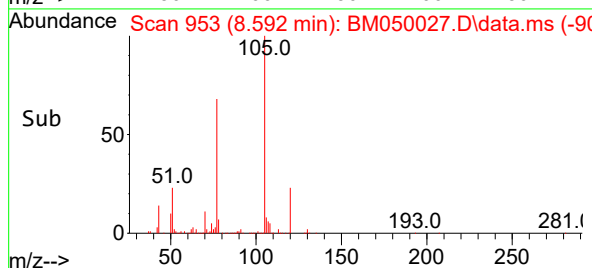
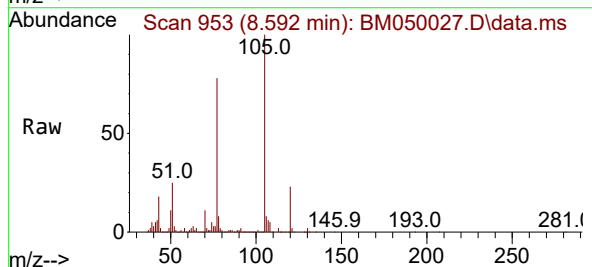
Manual Integrations
APPROVED

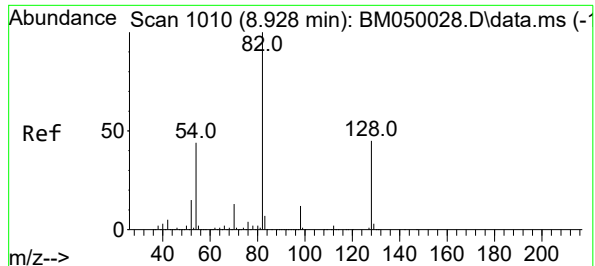
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 19.499 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

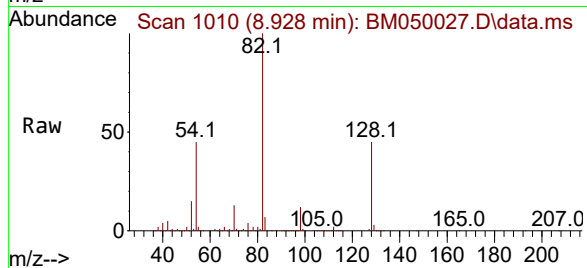
Tgt Ion:105 Resp: 434539
Ion Ratio Lower Upper
105 100
71 1.9 1.7 2.5
51 25.1 18.6 27.8
120 23.2 18.3 27.5





#23
Nitrobenzene-d5
Concen: 39.151 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

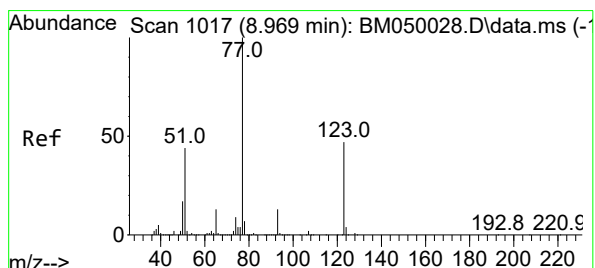
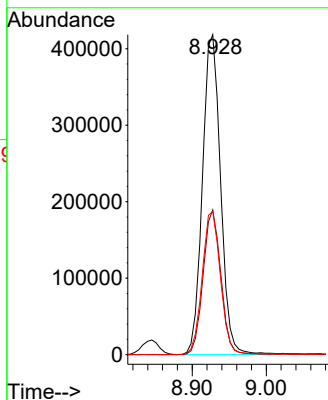
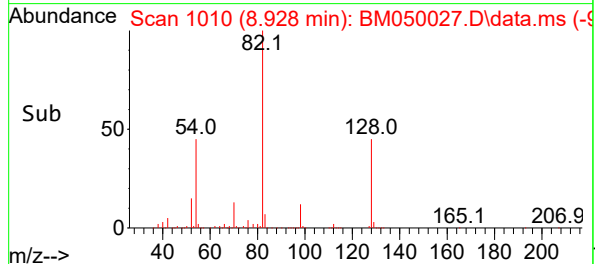
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 71217
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.8 35.4 53.2

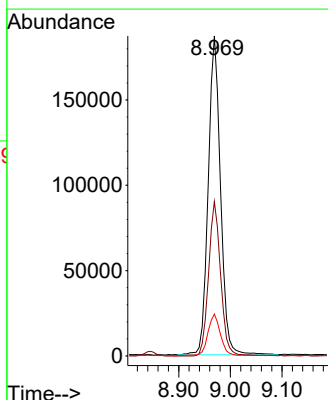
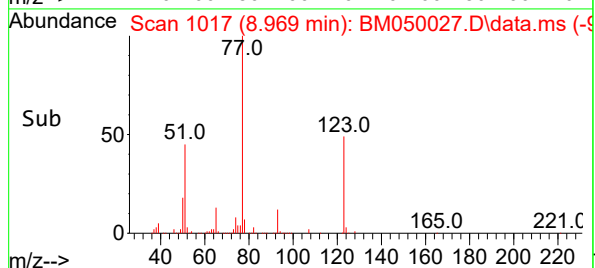
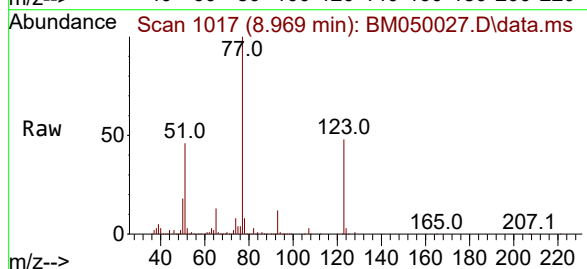
Manual Integrations
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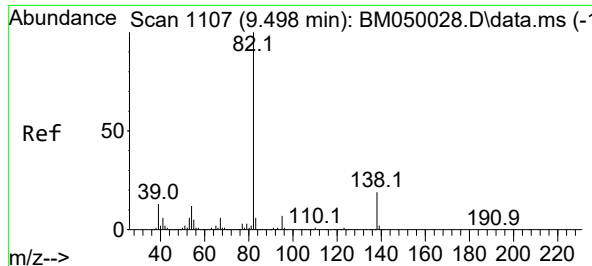
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 19.667 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 309341
Ion Ratio Lower Upper
77 100
123 48.2 37.9 56.9
65 13.1 10.1 15.1





#25

Isophorone

Concen: 19.648 ng

RT: 9.498 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 60925

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

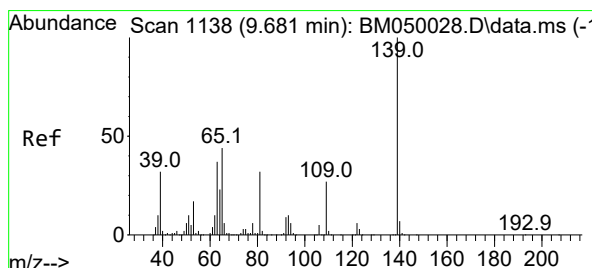
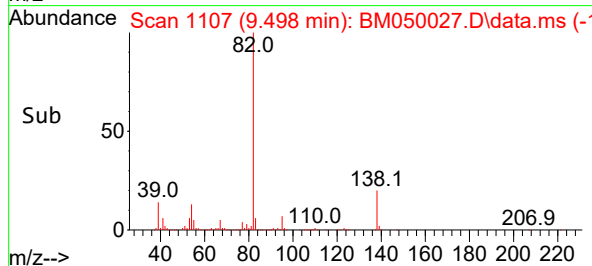
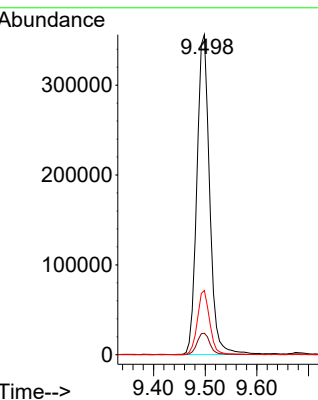
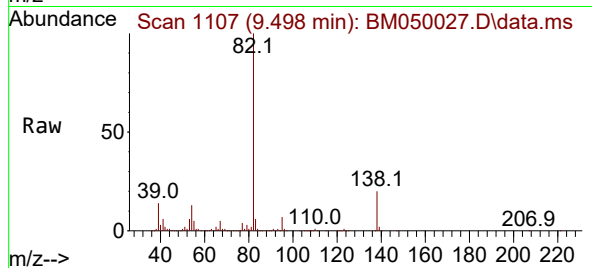
138 20.1 15.5 23.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#26

2-Nitrophenol

Concen: 19.211 ng

RT: 9.681 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

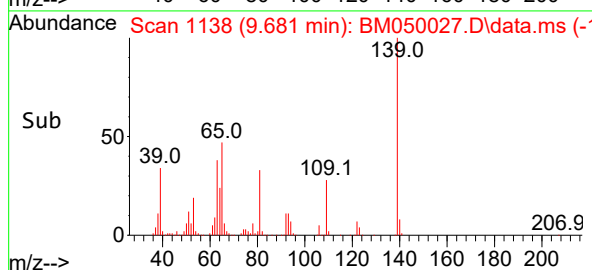
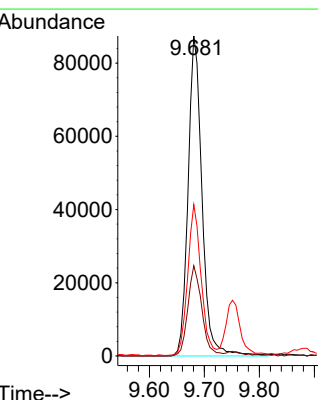
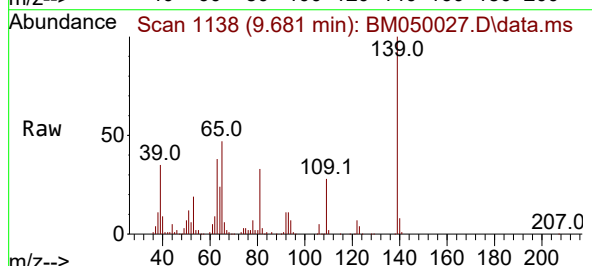
Tgt Ion:139 Resp: 154364

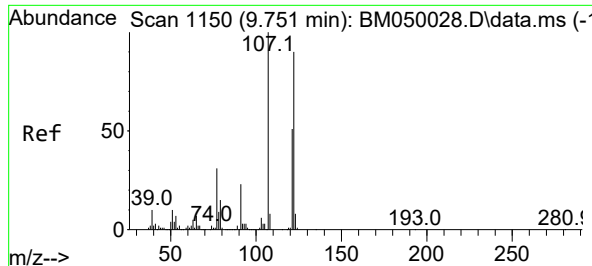
Ion Ratio Lower Upper

139 100

109 28.2 21.9 32.9

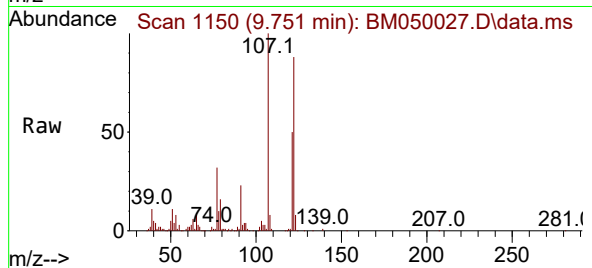
65 47.3 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 19.460 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

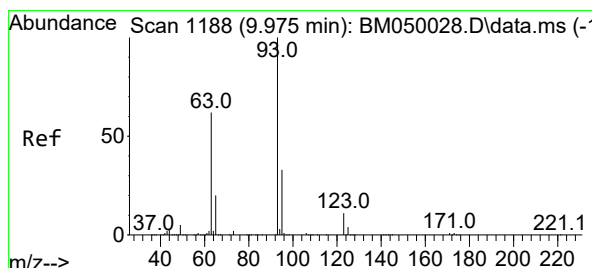
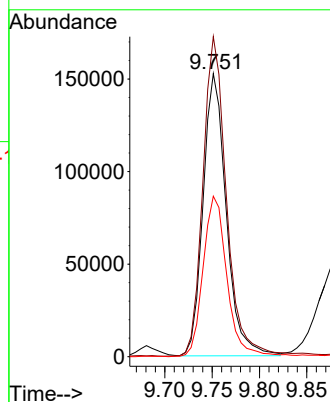
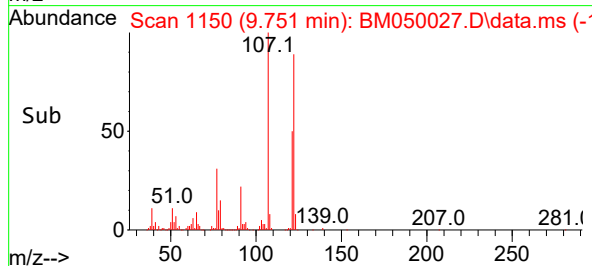
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 259319
Ion Ratio Lower Upper
122 100
107 113.1 89.0 133.6
121 56.7 45.6 68.4

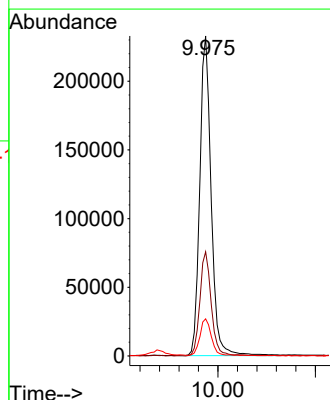
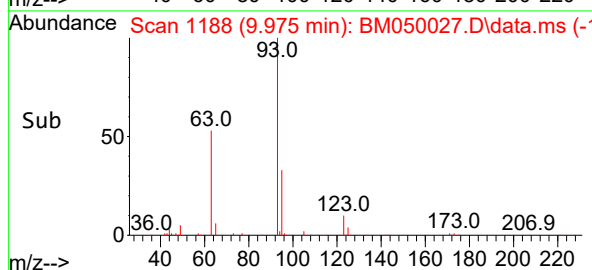
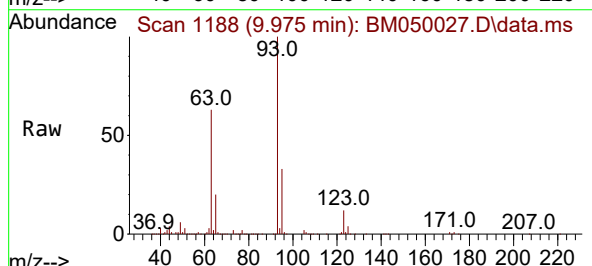
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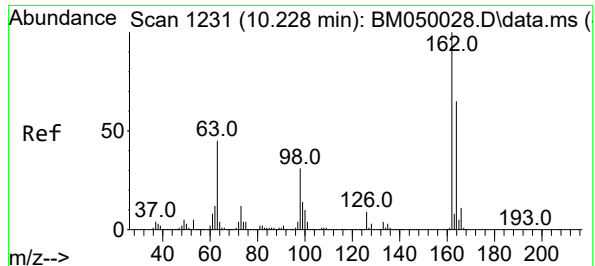
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 19.732 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 378162
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 19.582 ng

RT: 10.234 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 292330

Ion Ratio Lower Upper

162 100

164 65.2 45.4 85.4

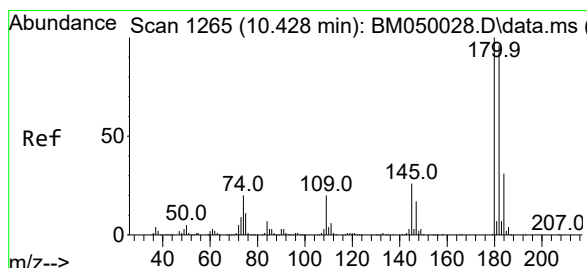
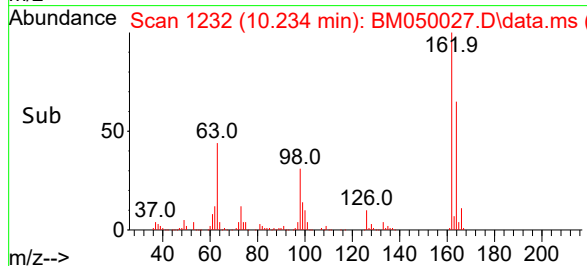
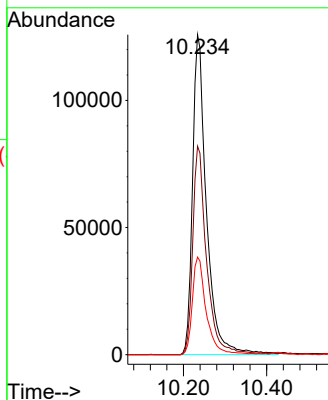
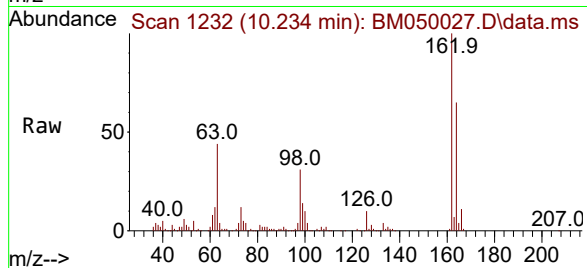
98 30.5 11.3 51.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.397 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

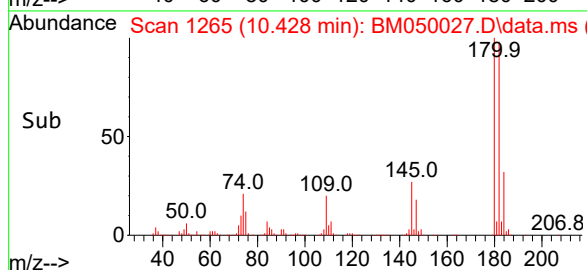
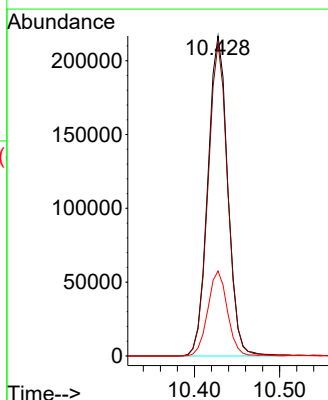
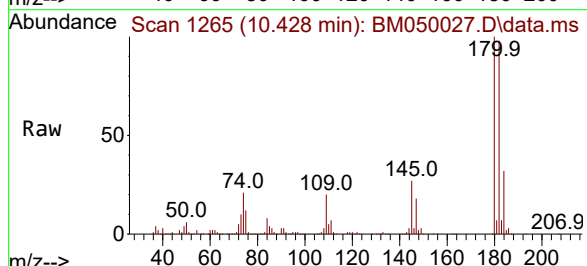
Tgt Ion:180 Resp: 352792

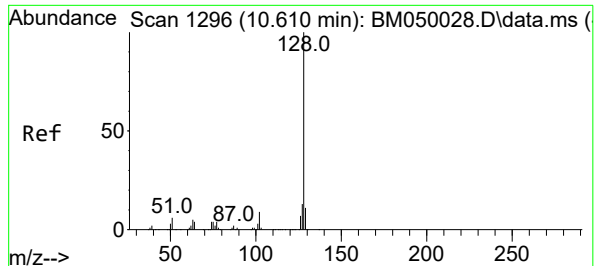
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.4

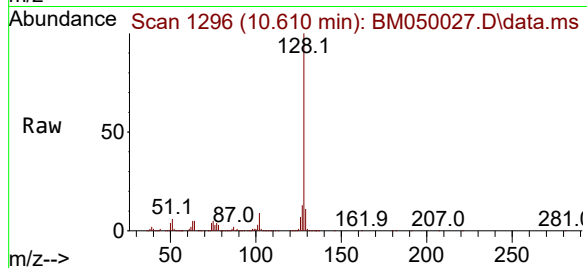
145 26.6 20.6 30.8





#31
Naphthalene
Concen: 19.618 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

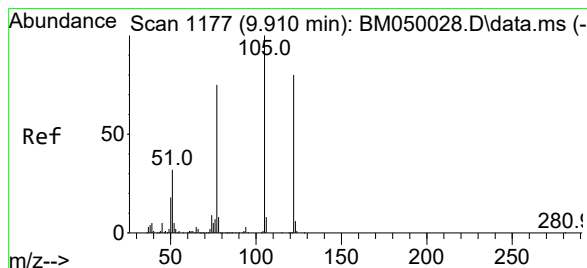
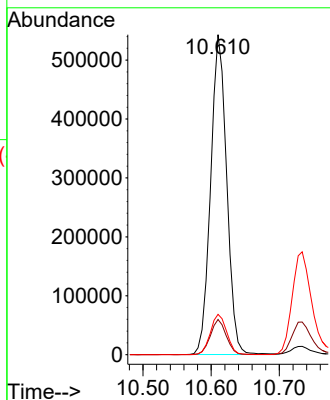
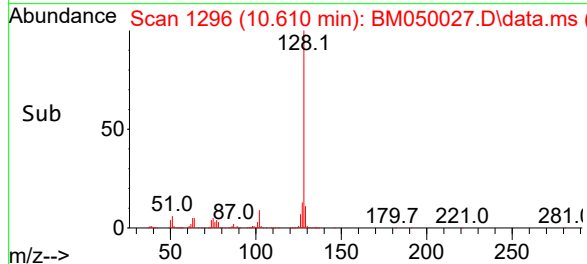
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 890530
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.4 15.6

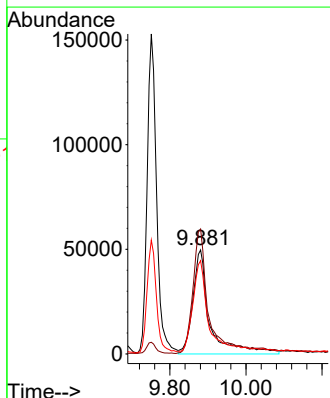
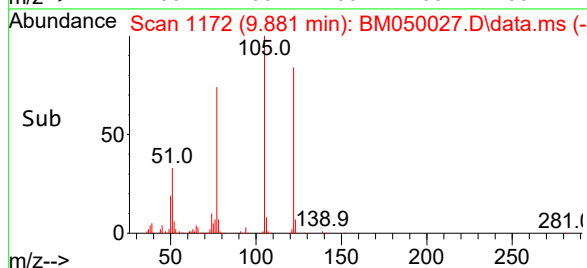
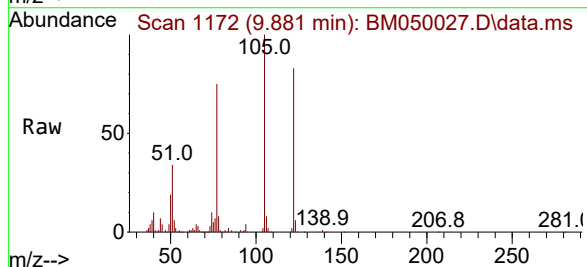
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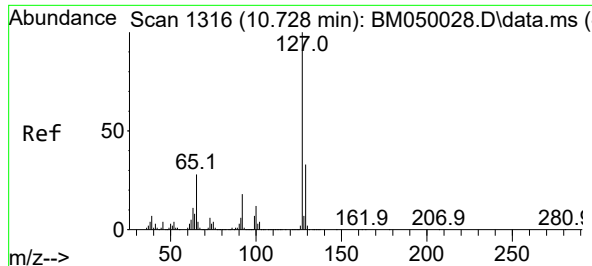
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 18.168 ng m
RT: 9.881 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

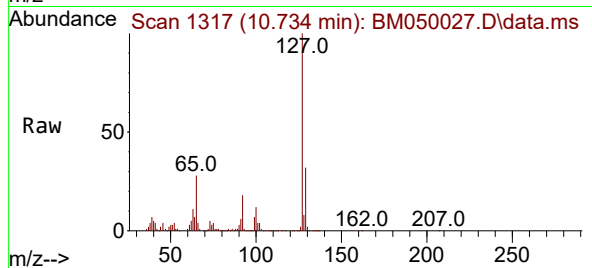
Tgt Ion:122 Resp: 154412
Ion Ratio Lower Upper
122 100
105 120.1 103.6 143.6
77 89.7 73.7 113.7





#33
4-Chloroaniline
Concen: 19.475 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

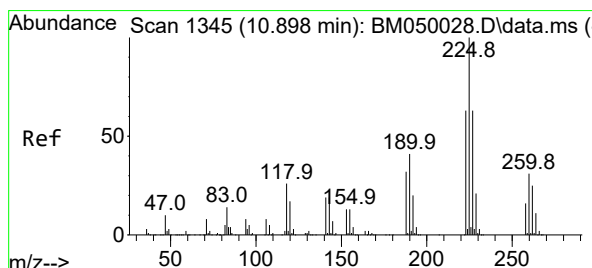
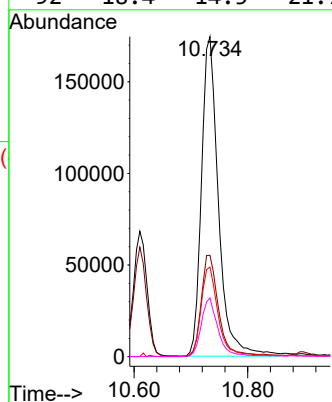
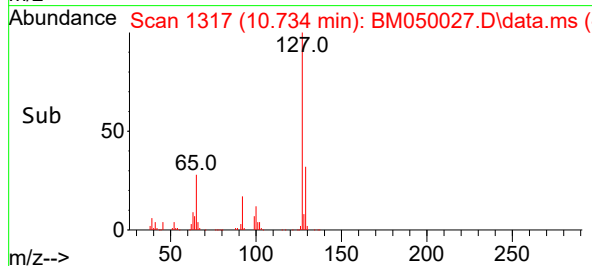
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



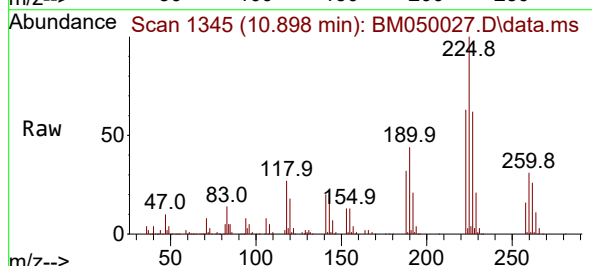
Tgt Ion:127 Resp: 362360
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 28.0 22.5 33.7
92 18.4 14.5 21.7

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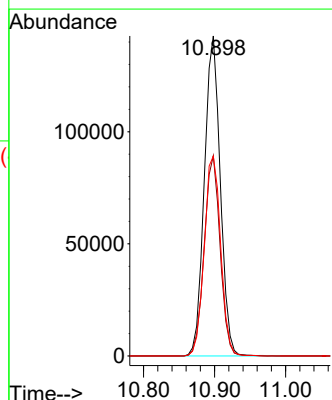
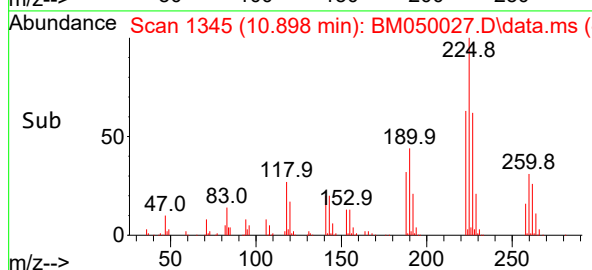
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

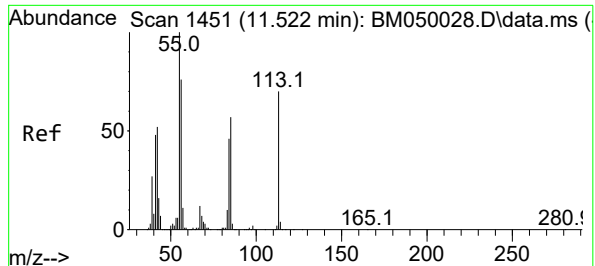


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



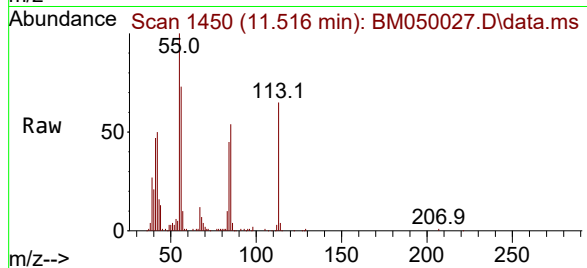
Tgt Ion:225 Resp: 223143
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 62.4 50.6 76.0





#35
Caprolactam
Concen: 19.509 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

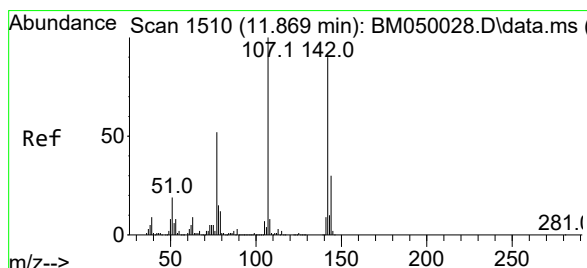
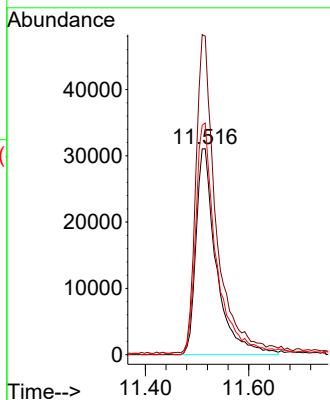
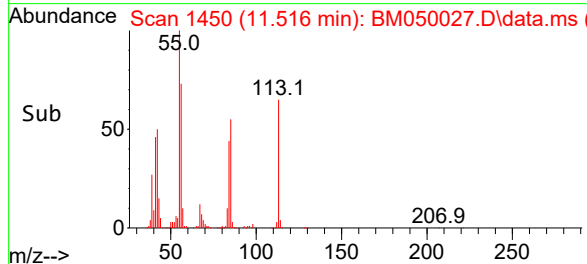
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



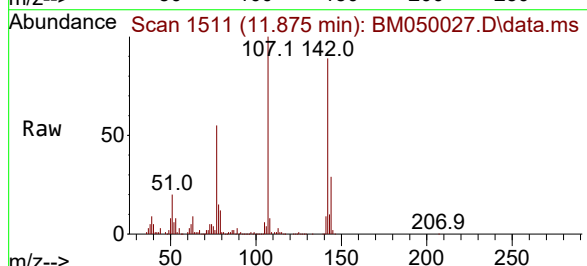
Tgt Ion:113 Resp: 8491
Ion Ratio Lower Upper
113 100
55 154.8 122.9 162.9
56 112.6 88.1 128.1

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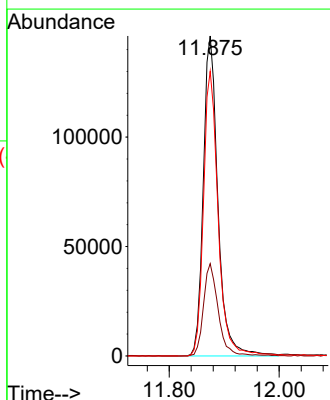
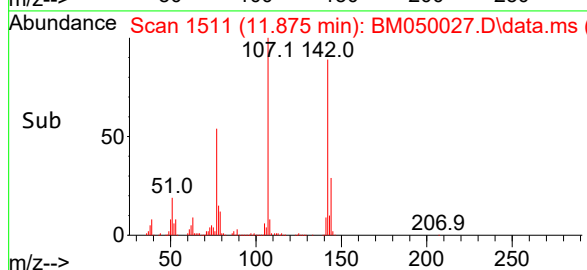
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

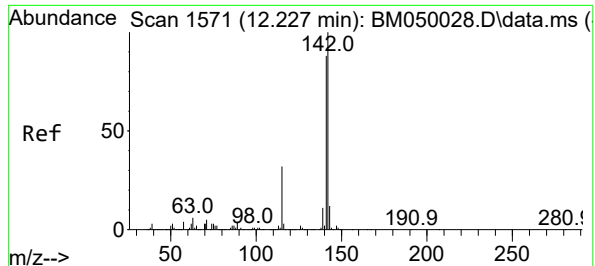


#36
4-Chloro-3-methylphenol
Concen: 19.613 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



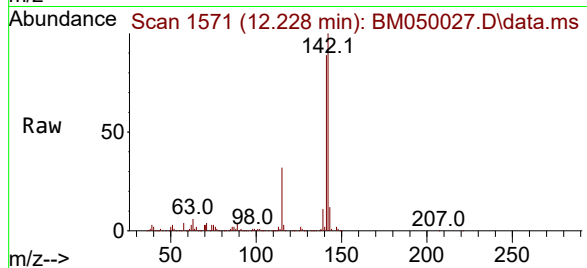
Tgt Ion:107 Resp: 270510
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 89.0 71.9 107.9





#37
2-Methylnaphthalene
Concen: 19.498 ng
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

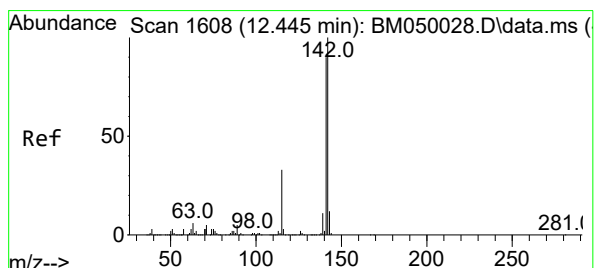
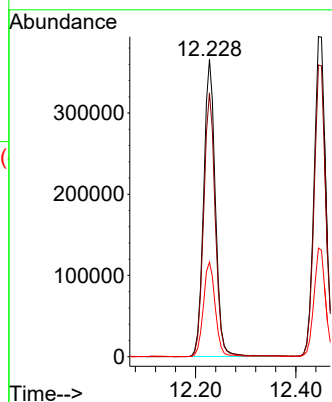
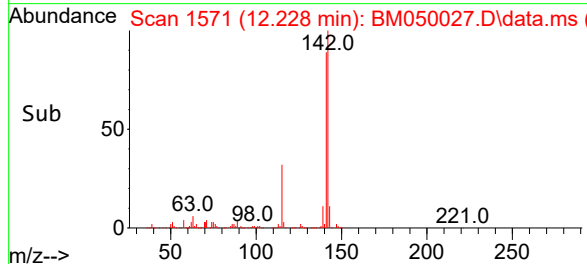
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 593400
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 31.8 25.4 38.2

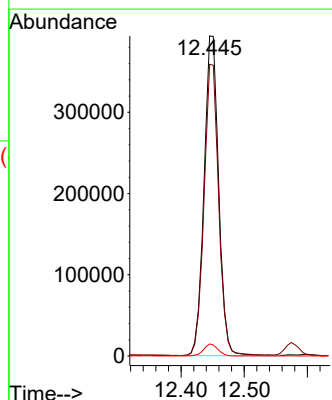
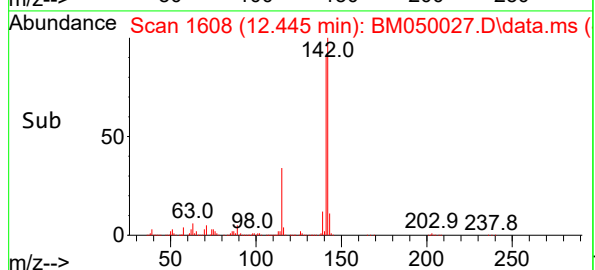
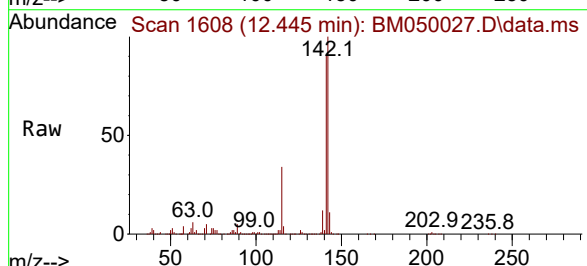
Manual Integrations
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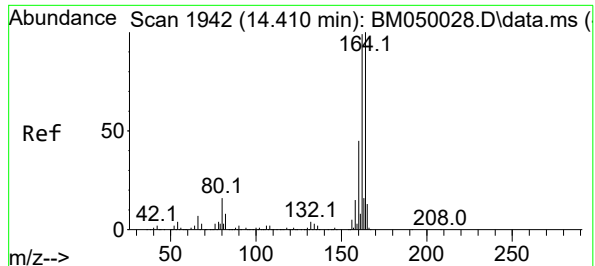
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 634293
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1
116 3.8 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050027.D

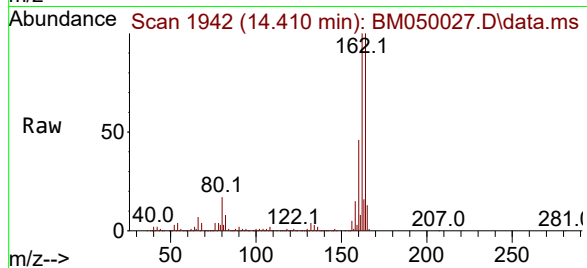
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 61468

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

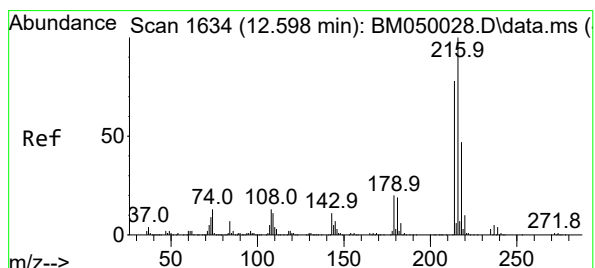
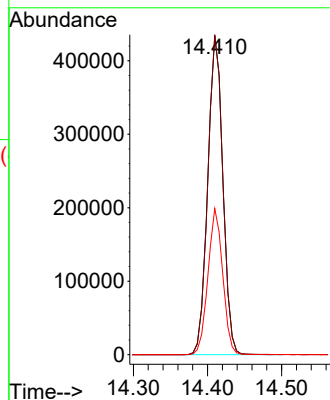
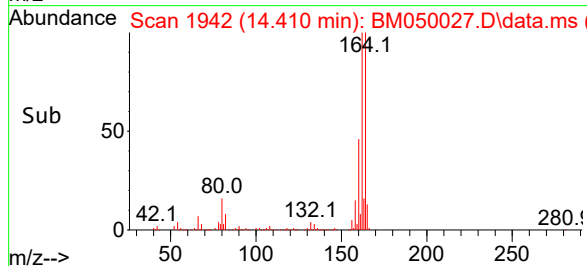
160 45.8 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

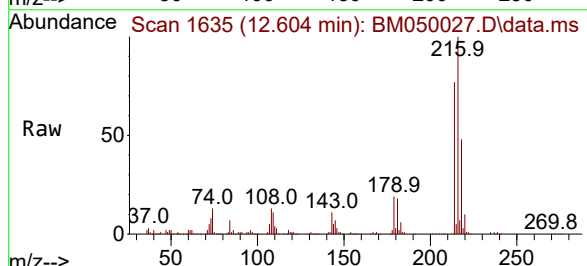
Concen: 18.909 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:216 Resp: 402355

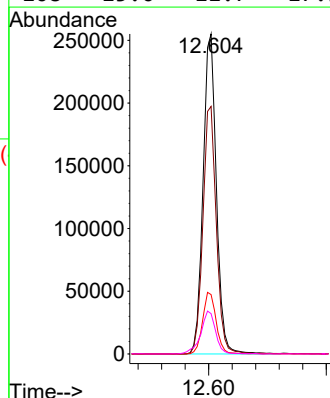
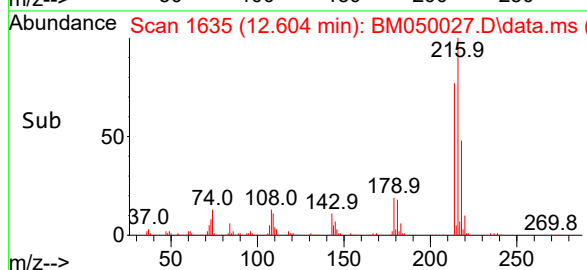
Ion Ratio Lower Upper

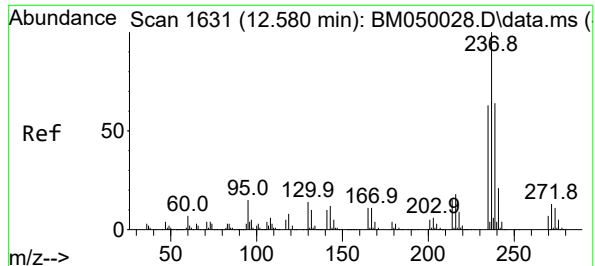
216 100

214 78.2 62.3 93.5

179 19.6 15.4 23.0

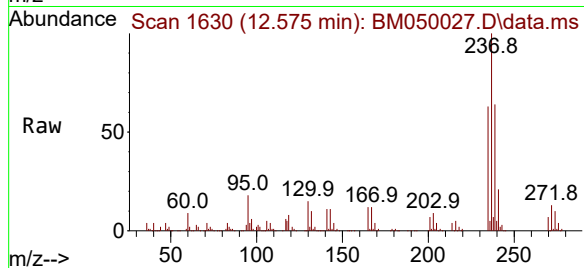
108 15.0 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 17.091 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

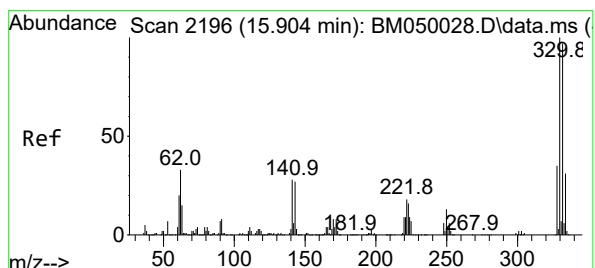
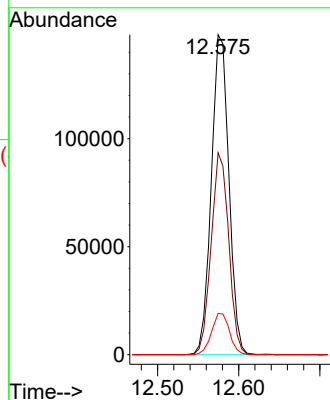
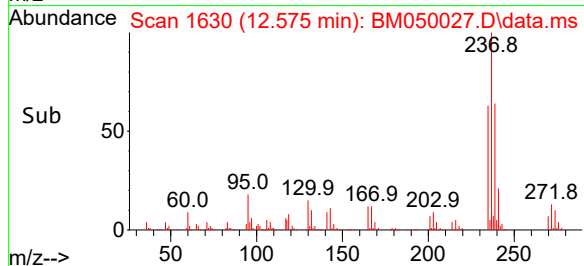
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



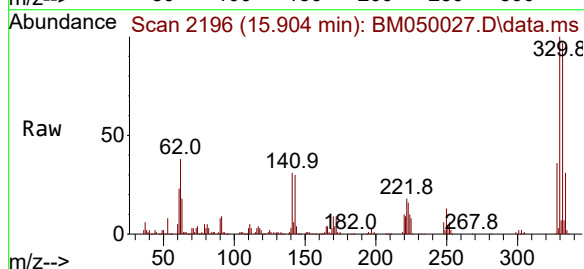
Tgt Ion:237 Resp: 222254
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.9

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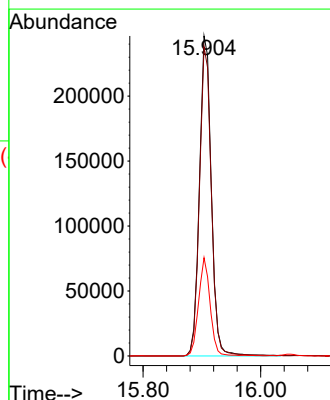
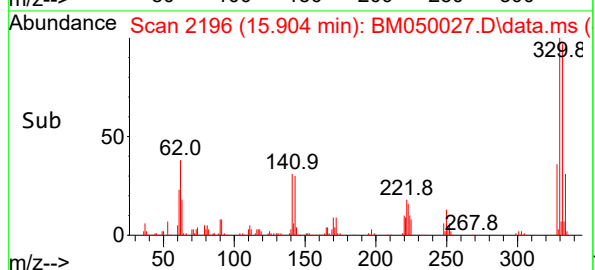
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

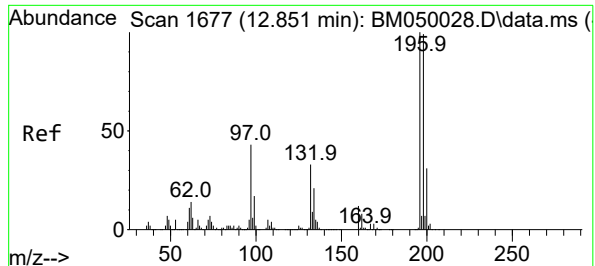


#42
2,4,6-Tribromophenol
Concen: 37.960 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion:330 Resp: 345020
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.1 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 19.276 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050027.D

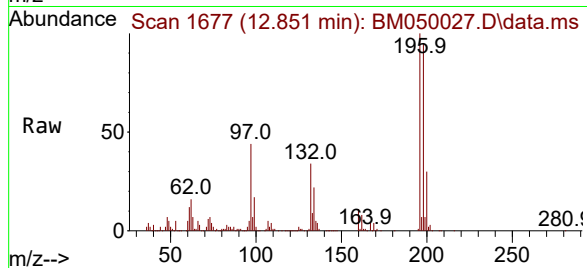
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 26016

Ion Ratio Lower Upper

196 100

198 94.8 79.0 118.6

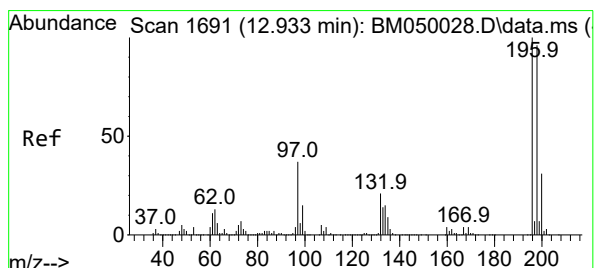
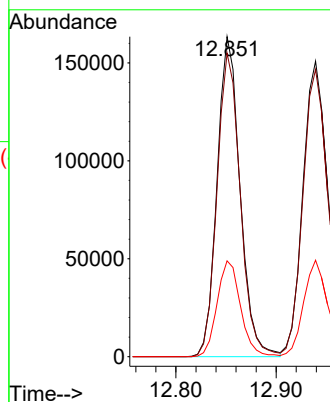
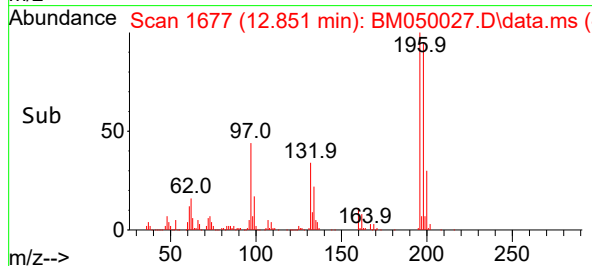
200 30.0 25.1 37.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

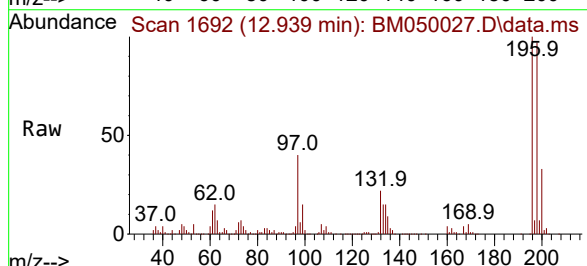
Concen: 19.123 ng

RT: 12.939 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:196 Resp: 278307

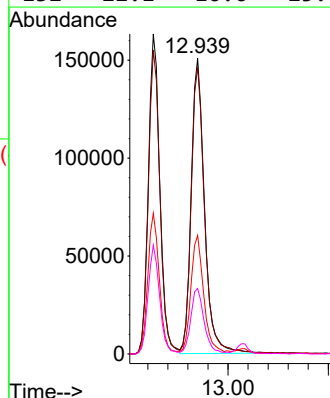
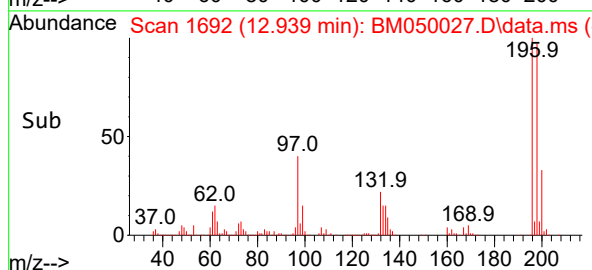
Ion Ratio Lower Upper

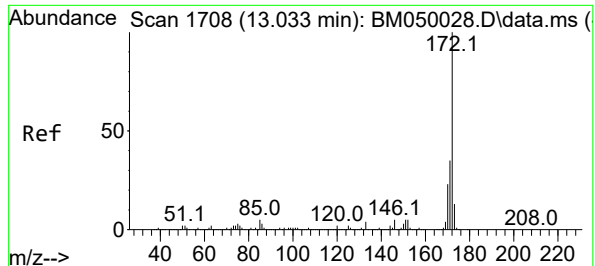
196 100

198 97.2 76.7 115.1

97 40.1 30.1 45.1

132 22.1 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 38.602 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 200578

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

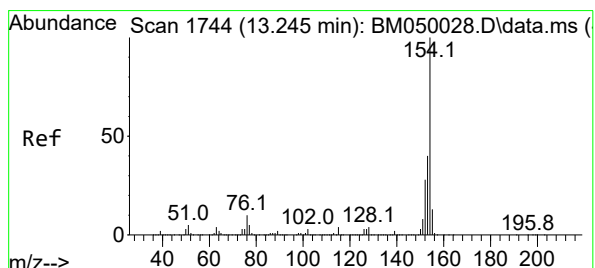
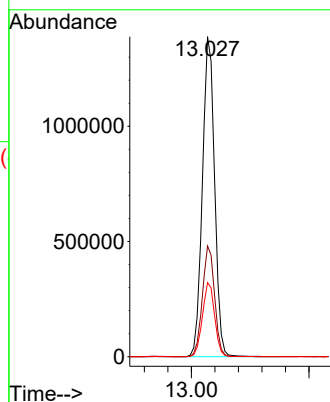
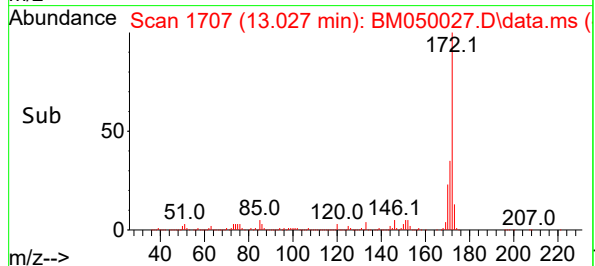
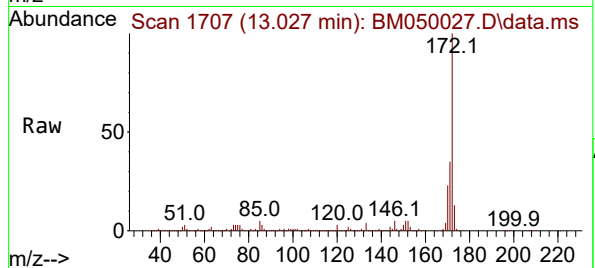
170 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

Concen: 19.530 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

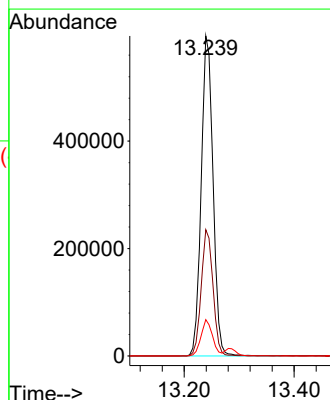
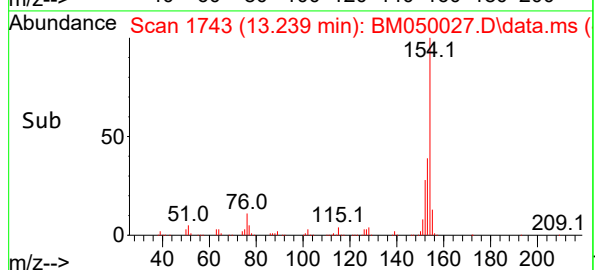
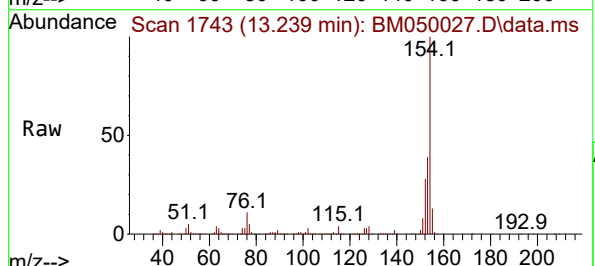
Tgt Ion:154 Resp: 892394

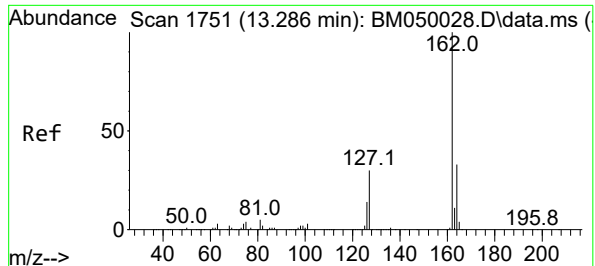
Ion Ratio Lower Upper

154 100

153 39.5 20.0 60.0

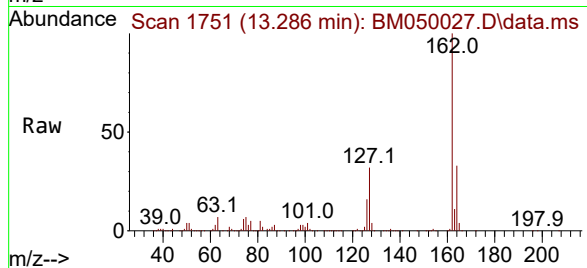
76 11.3 0.0 30.3





#47
2-Chloronaphthalene
Concen: 19.614 ng
RT: 13.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

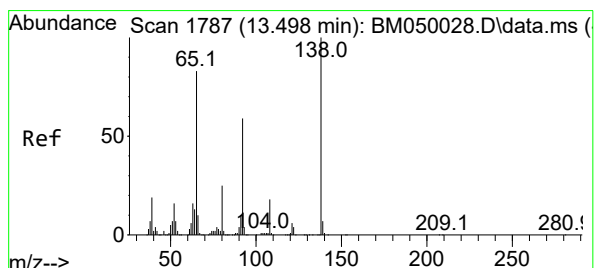
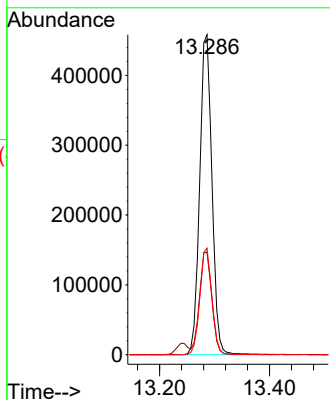
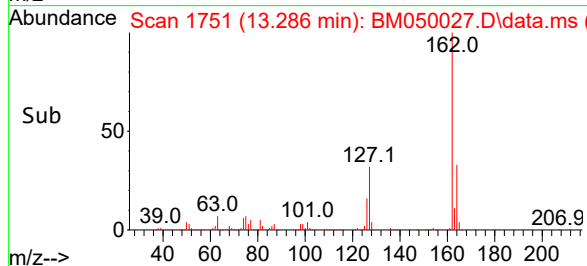
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



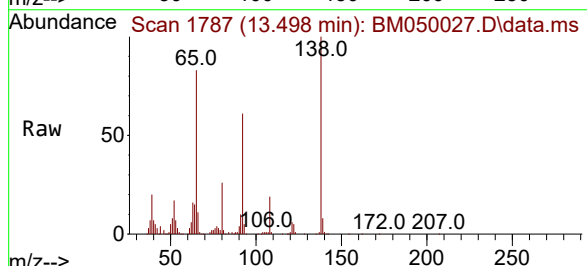
Tgt Ion:162 Resp: 709815
Ion Ratio Lower Upper
162 100
127 32.0 25.9 38.9
164 33.3 26.6 40.0

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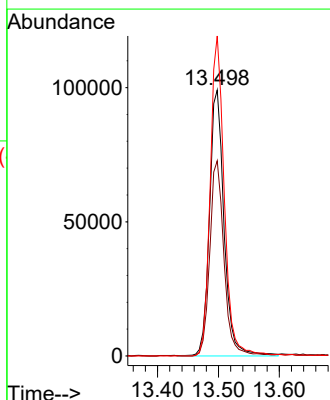
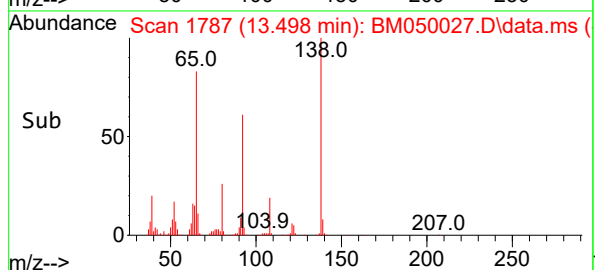
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

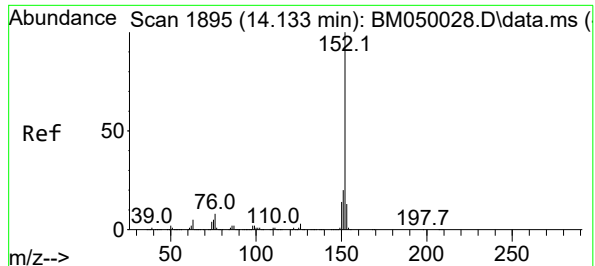


#48
2-Nitroaniline
Concen: 19.465 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion: 65 Resp: 165324
Ion Ratio Lower Upper
65 100
92 73.4 57.1 85.7
138 120.3 97.0 145.4





#49

Acenaphthylene

Concen: 19.502 ng

RT: 14.133 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BM050027.D

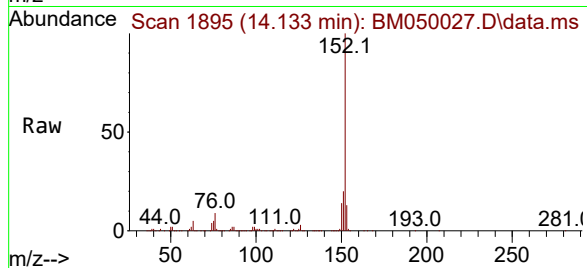
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 1112760

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

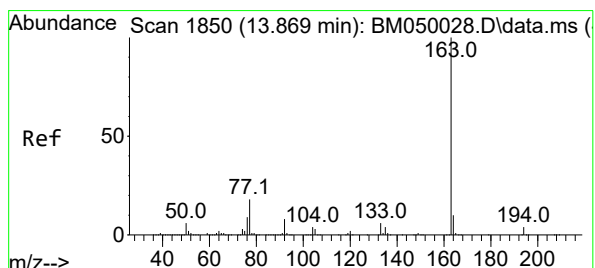
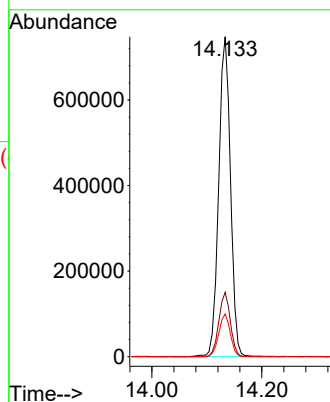
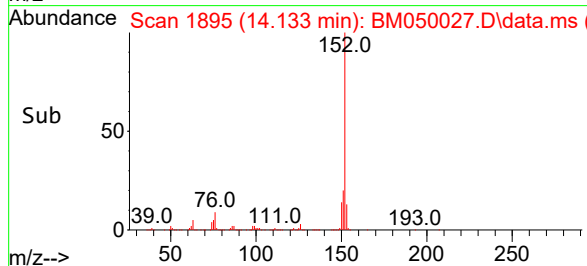
153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#50

Dimethylphthalate

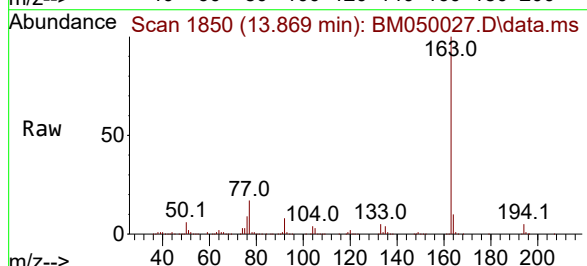
Concen: 19.659 ng

RT: 13.869 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



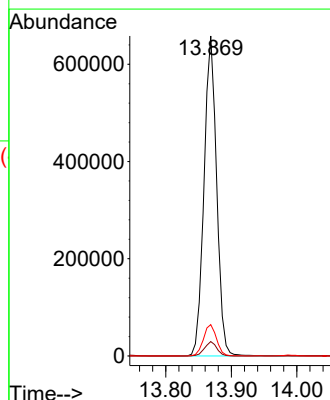
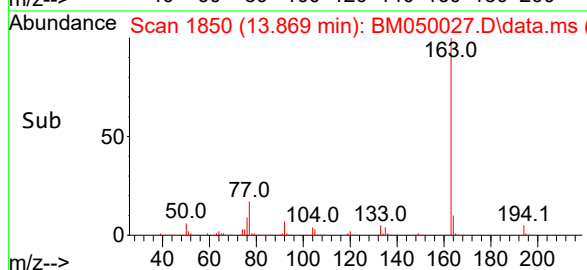
Tgt Ion:163 Resp: 883120

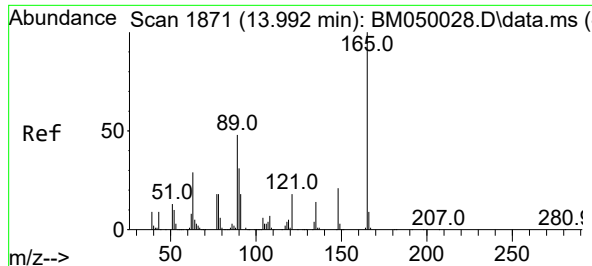
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

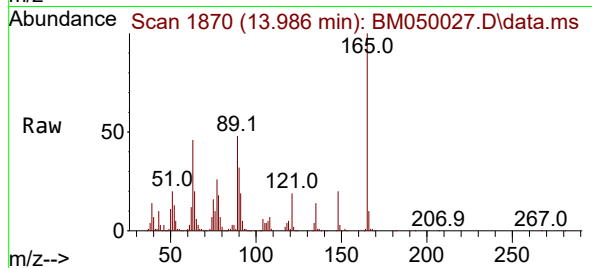
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.729 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

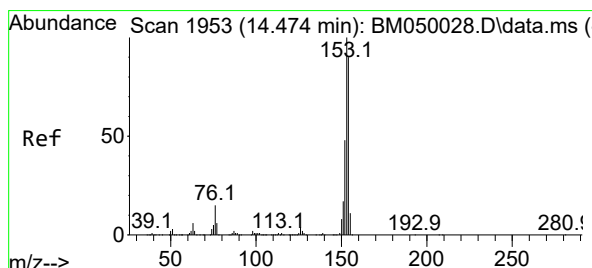
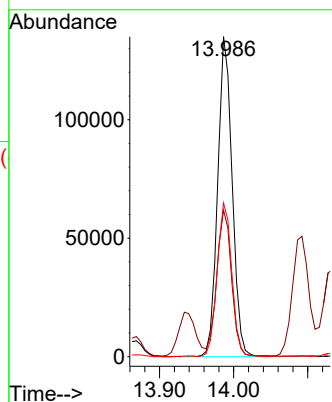
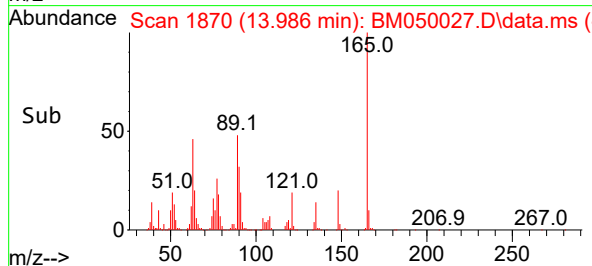
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 18349
Ion Ratio Lower Upper
165 100
63 45.7 35.1 52.7
89 48.1 38.4 57.6

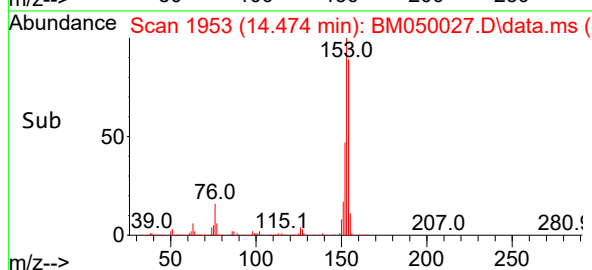
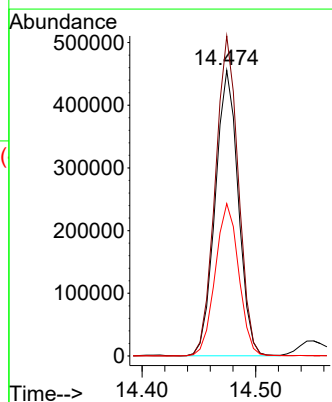
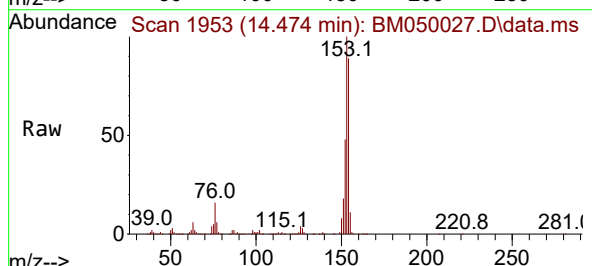
Manual Integrations
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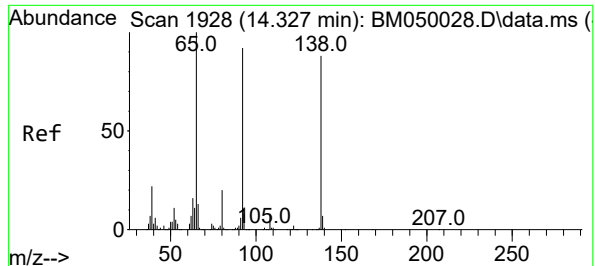
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 19.474 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

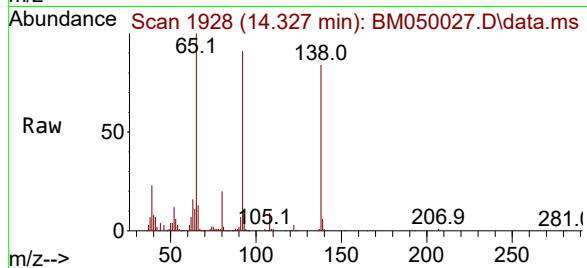
Tgt Ion:154 Resp: 643177
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 53.3 43.0 64.6





#53
3-Nitroaniline
Concen: 19.666 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

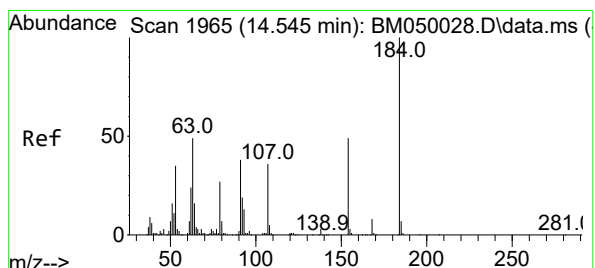
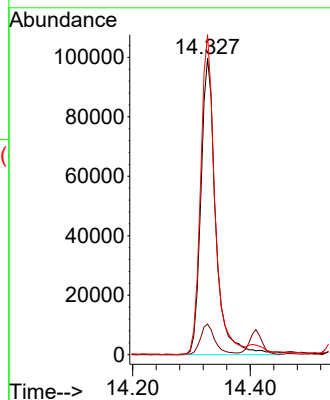
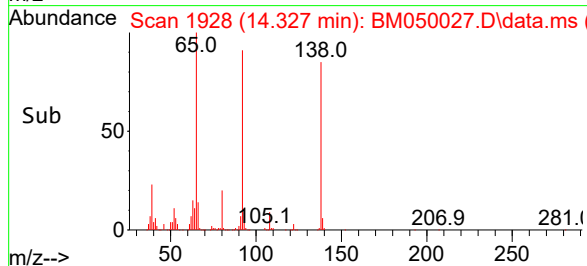
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



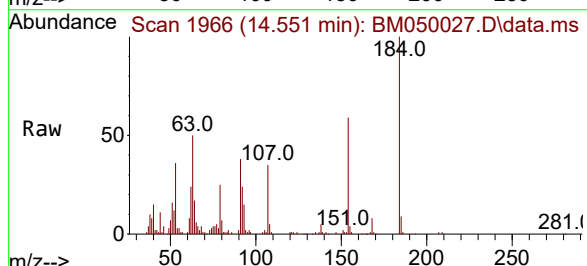
Tgt Ion:138 Resp: 174620
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 107.9 84.0 126.0

Manual Integrations
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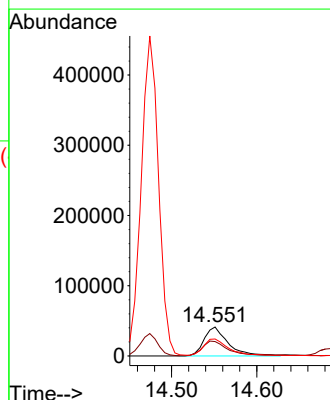
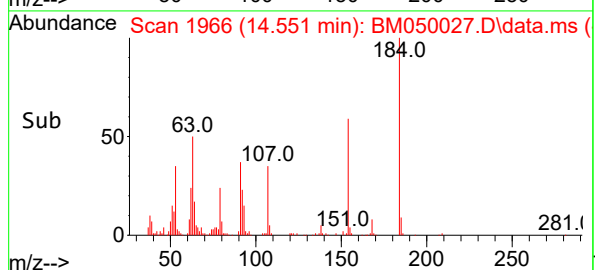
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

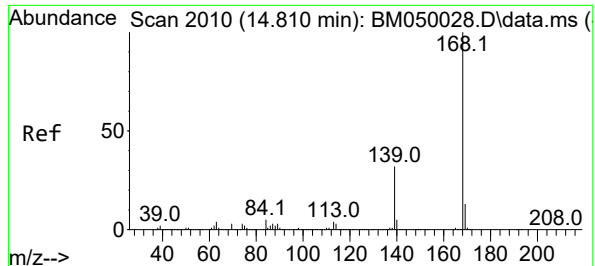


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion:184 Resp: 80991
Ion Ratio Lower Upper
184 100
63 50.1 39.8 59.6
154 58.5 46.1 69.1





#55

Dibenzenofuran

Concen: 19.562 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 107497

Ion Ratio Lower Upper

168 100

139 33.2 26.1 39.1

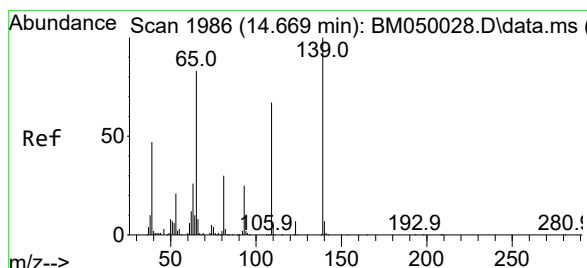
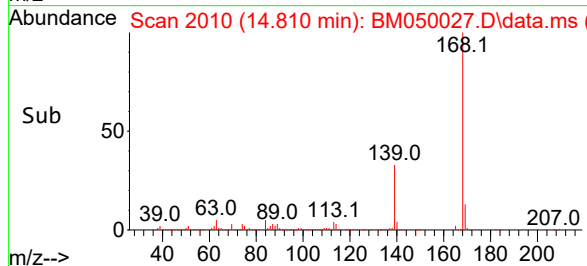
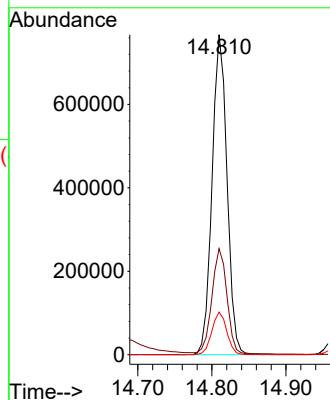
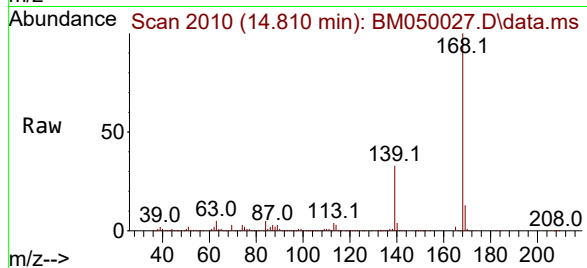
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#56

4-Nitrophenol

Concen: 19.021 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.017 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

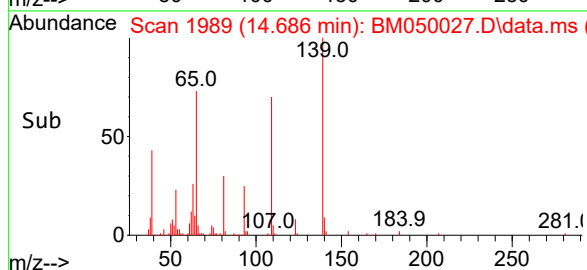
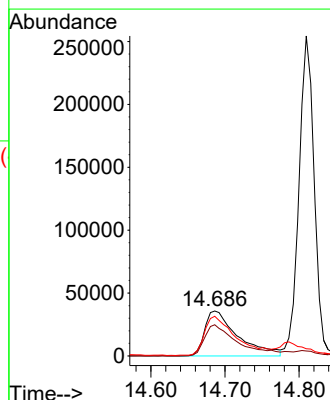
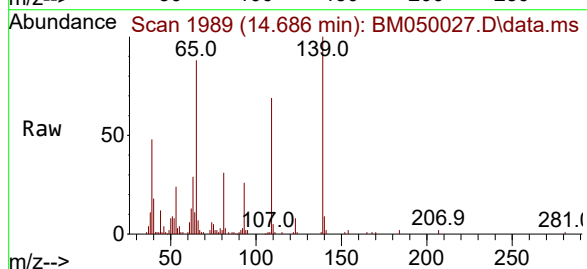
Tgt Ion:139 Resp: 110948

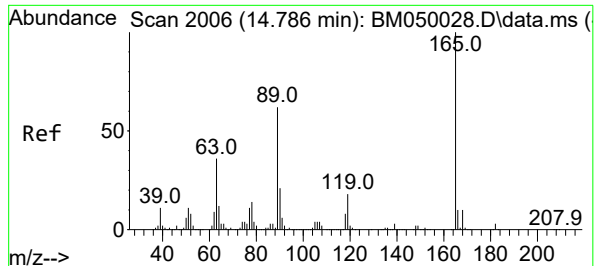
Ion Ratio Lower Upper

139 100

109 69.3 47.0 87.0

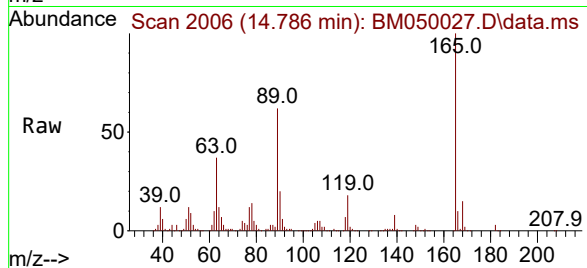
65 88.3 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 19.685 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

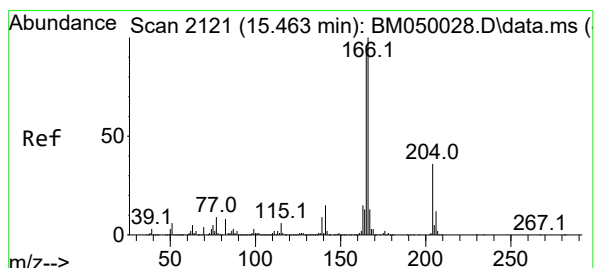
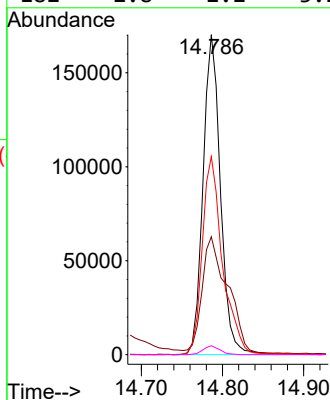
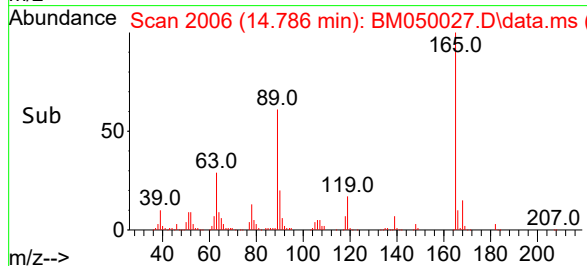
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



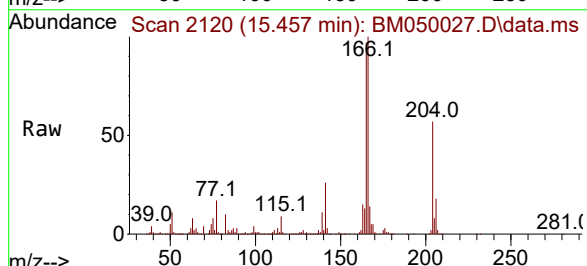
Tgt Ion:165 Resp: 252994
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 61.9 49.4 74.2
182 2.8 2.2 3.2

Manual Integrations
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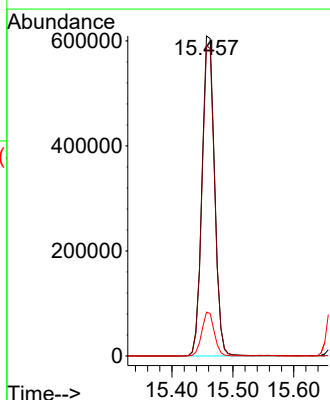
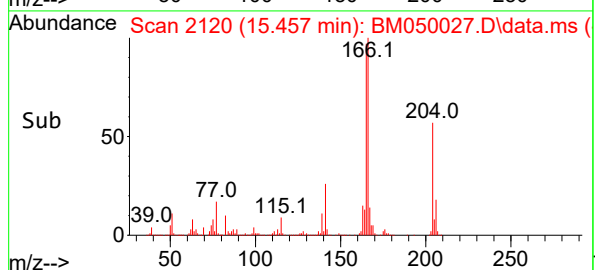
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

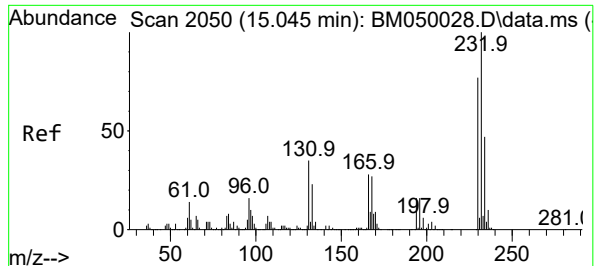


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



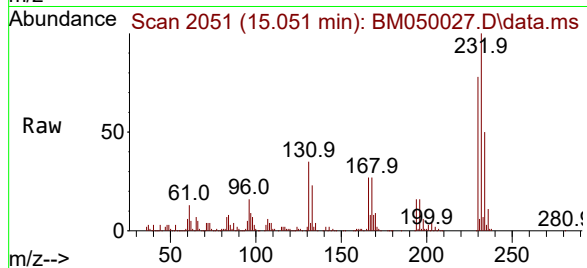
Tgt Ion:166 Resp: 879470
Ion Ratio Lower Upper
166 100
165 97.0 76.6 115.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.442 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

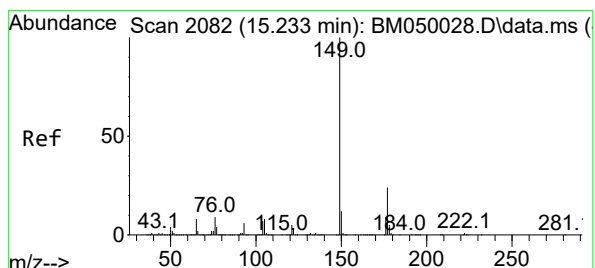
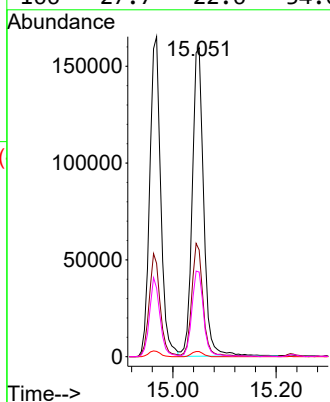
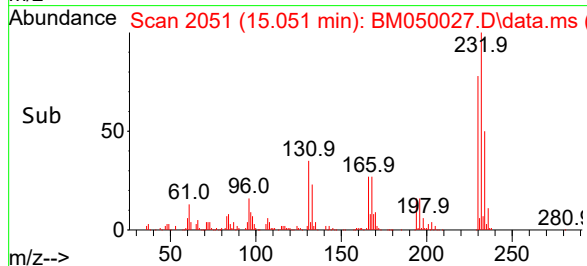
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 244928
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 1.7 1.5 2.3
166 27.7 22.6 34.0

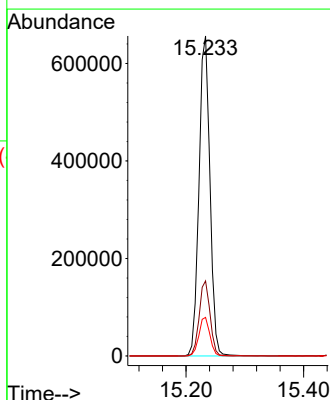
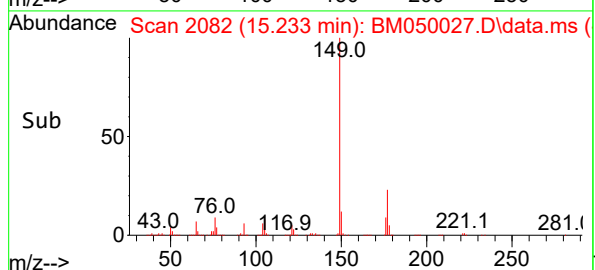
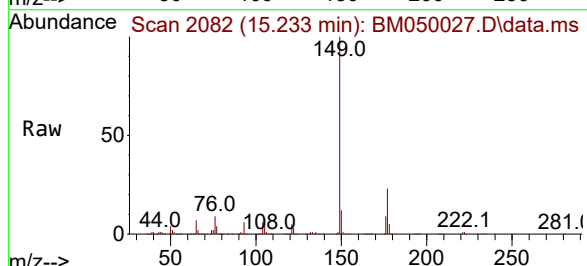
Manual Integrations
APPROVED

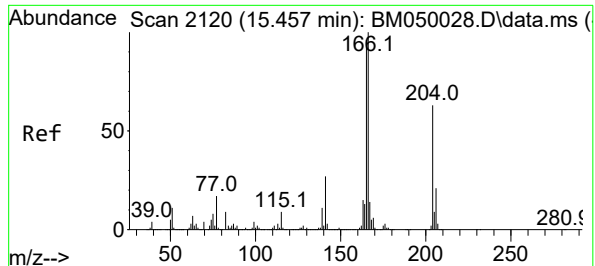
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

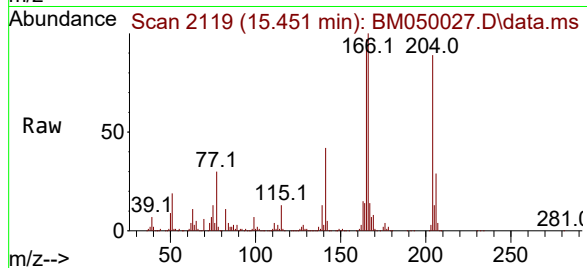
Tgt Ion:149 Resp: 848021
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.1 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 19.157 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

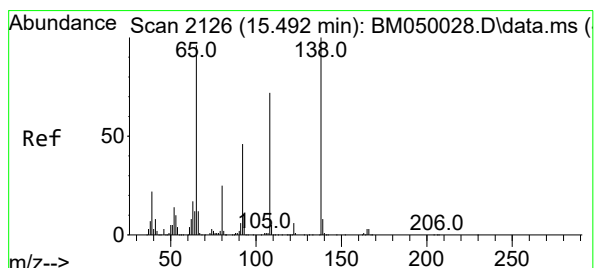
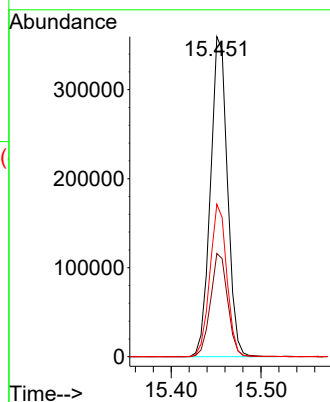
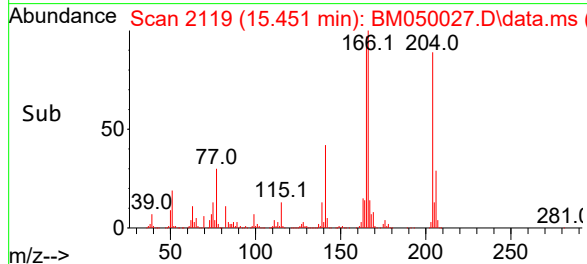
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 473270
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 47.7 34.0 51.0

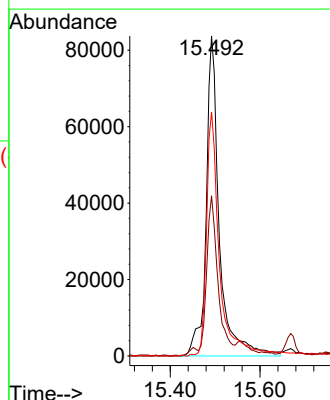
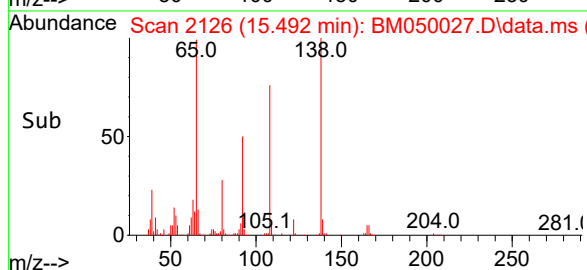
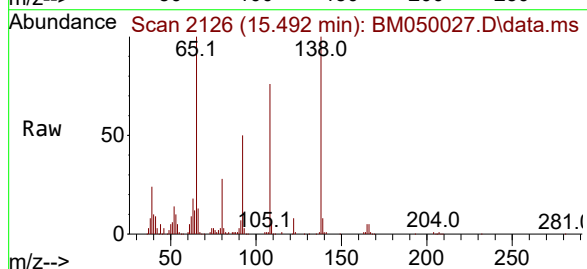
Manual Integrations
APPROVED

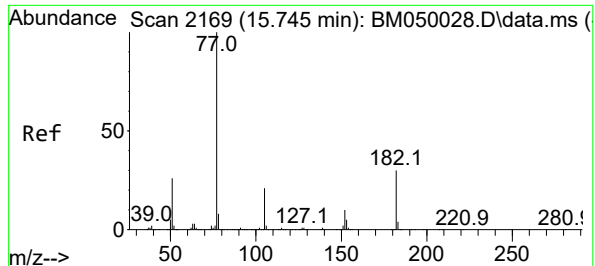
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 19.880 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

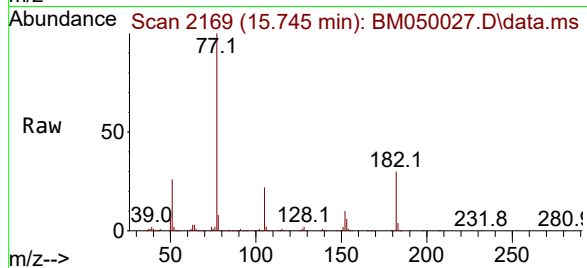
Tgt Ion:138 Resp: 170438
Ion Ratio Lower Upper
138 100
92 50.0 25.9 65.9
108 76.3 52.4 92.4





#63
Azobenzene
Concen: 19.930 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

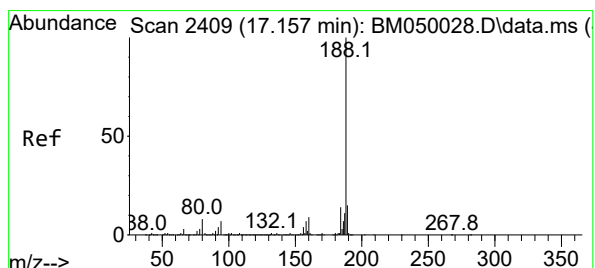
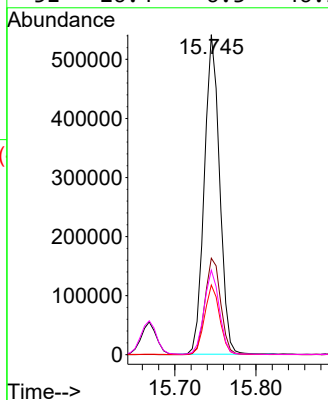
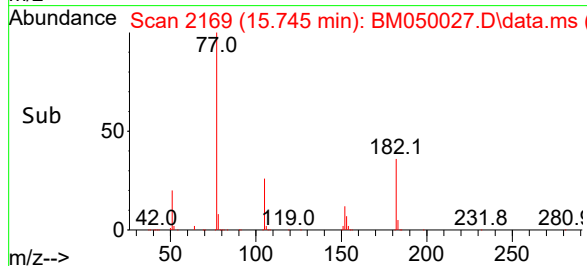
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 707020
Ion Ratio Lower Upper
77 100
182 30.2 10.5 50.5
105 21.8 1.1 41.1
51 26.4 6.3 46.3

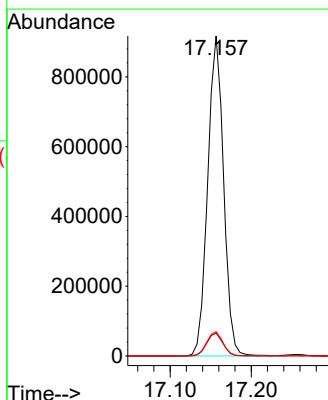
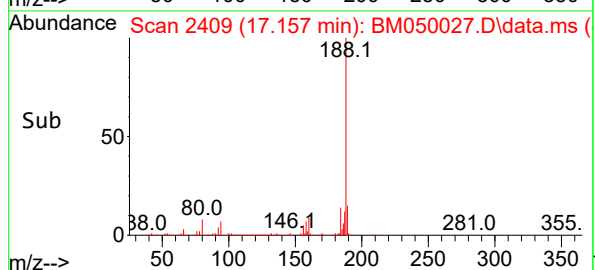
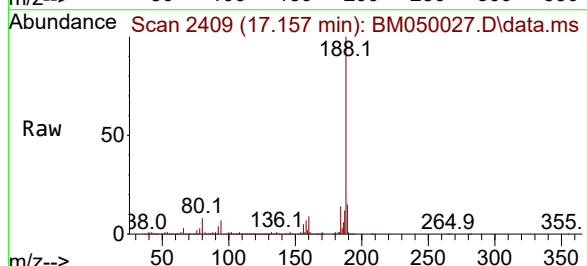
Manual Integrations
APPROVED

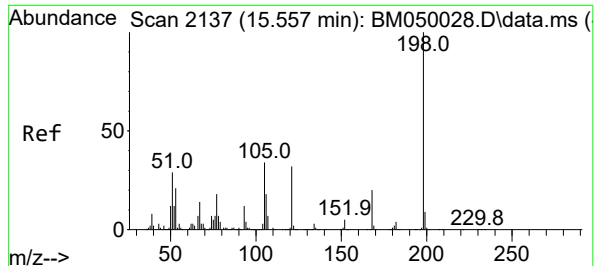
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

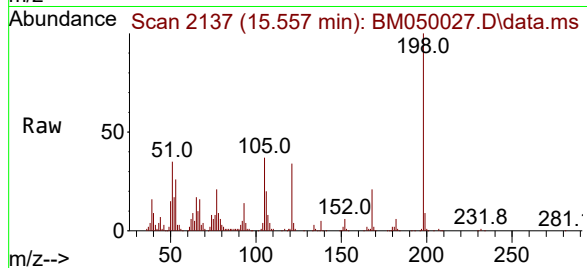
Tgt Ion:188 Resp: 1244440
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.6 6.2 9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

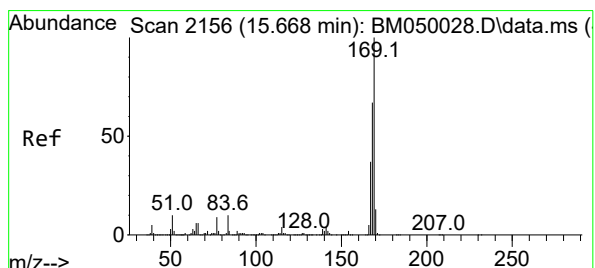
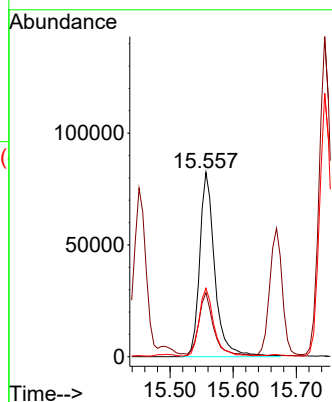
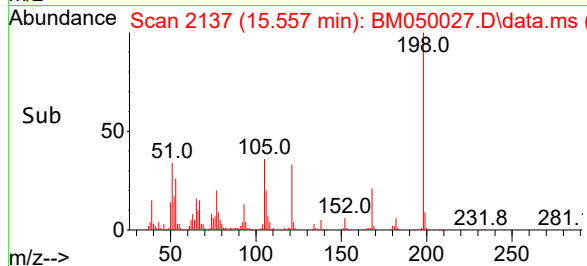
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 136910
Ion Ratio Lower Upper
198 100
51 34.7 10.4 50.4
105 37.2 14.6 54.6

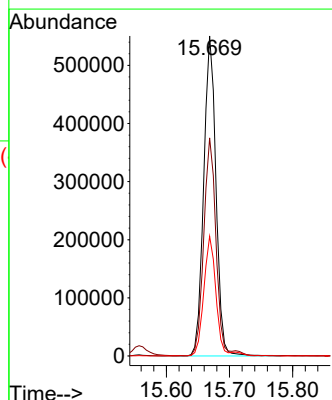
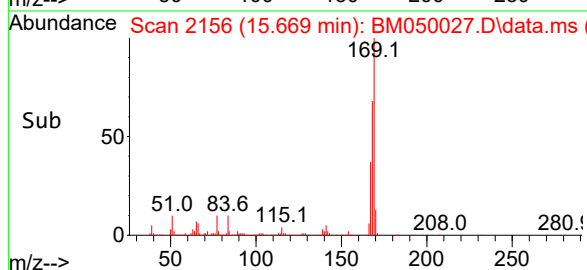
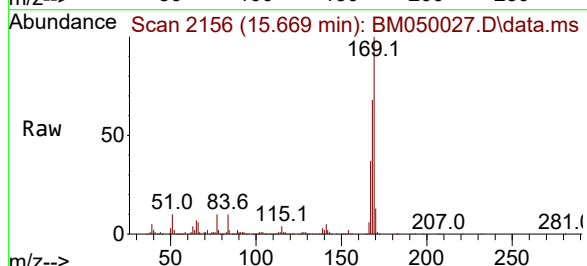
Manual Integrations
APPROVED

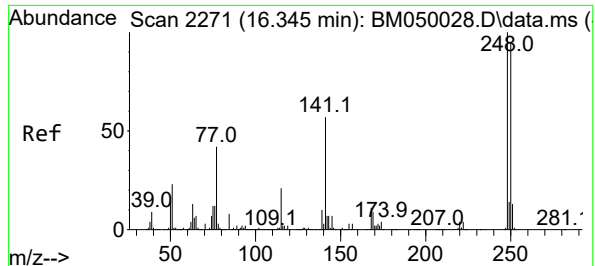
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 19.415 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

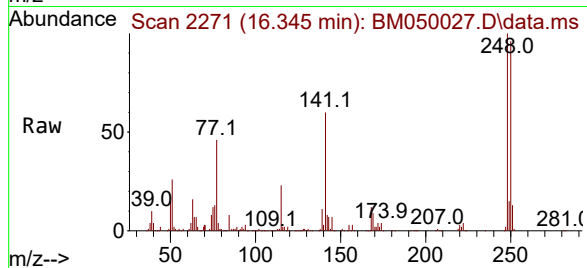
Tgt Ion:169 Resp: 741920
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 37.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

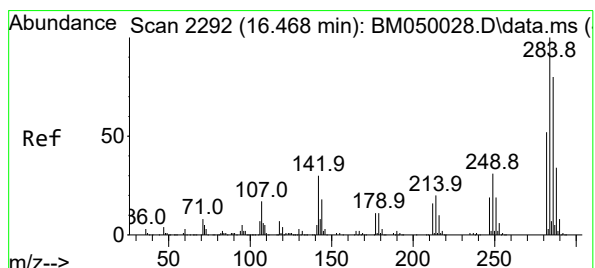
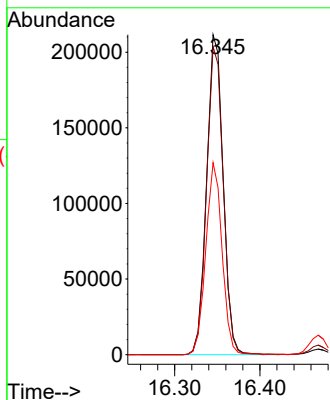
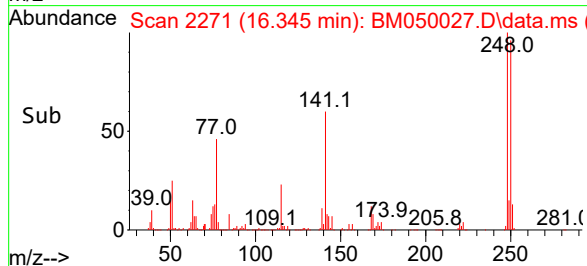
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



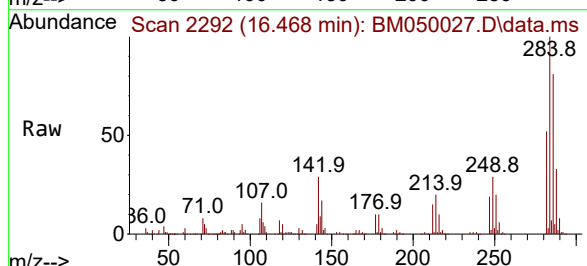
Tgt Ion:248 Resp: 285352
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 60.0 45.9 68.9

Manual Integrations
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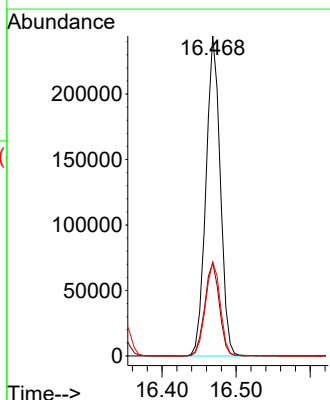
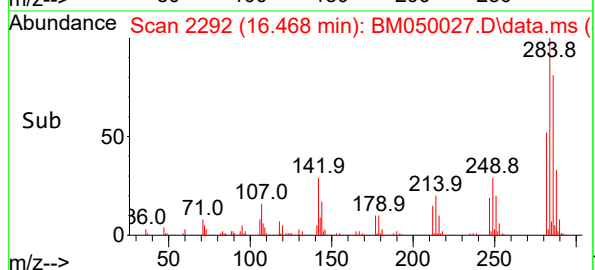
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

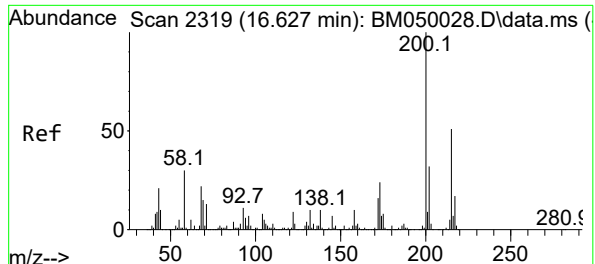


#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



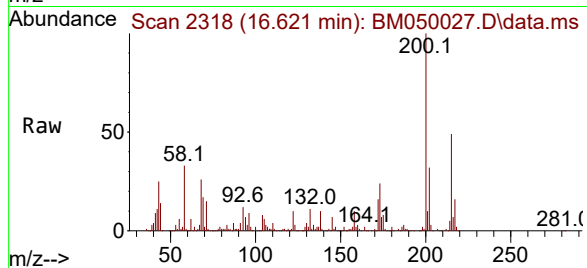
Tgt Ion:284 Resp: 327912
Ion Ratio Lower Upper
284 100
142 29.1 23.9 35.9
249 29.3 24.5 36.7





#69
Atrazine
Concen: 19.303 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

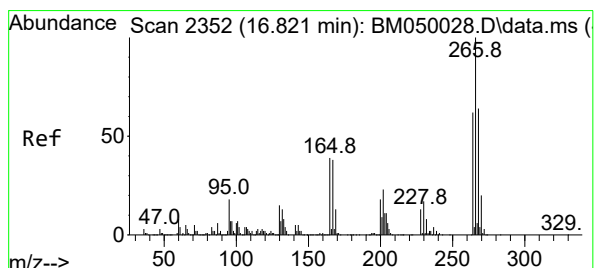
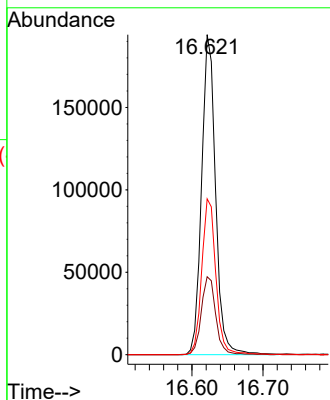
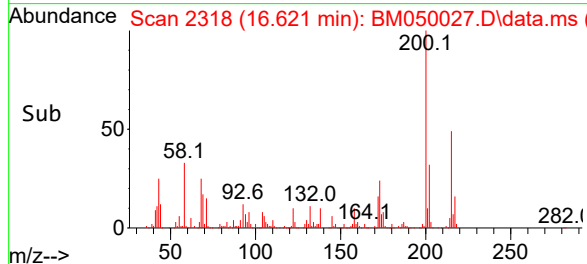
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 26606
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 48.7 30.6 70.6

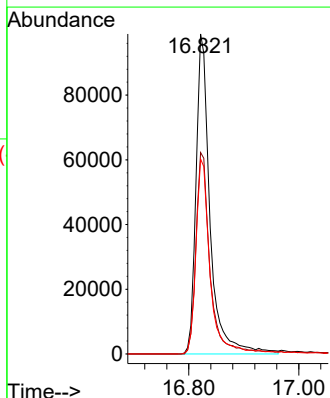
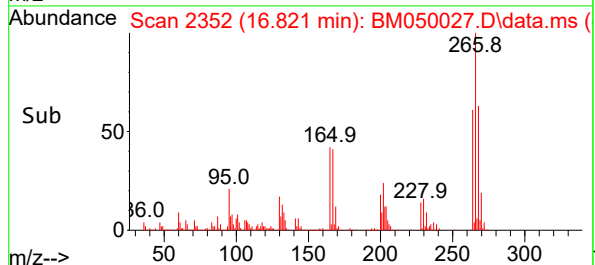
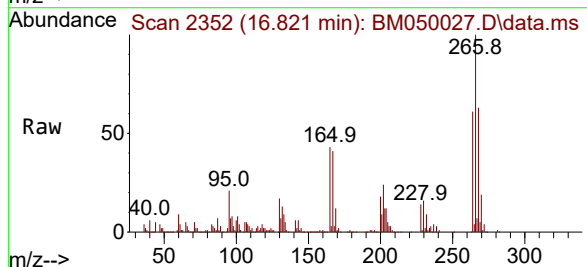
Manual Integrations
APPROVED

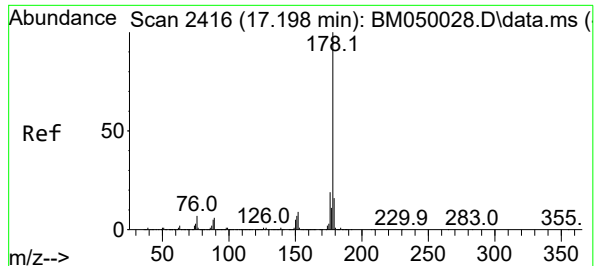
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#70
Pentachlorophenol
Concen: 18.004 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

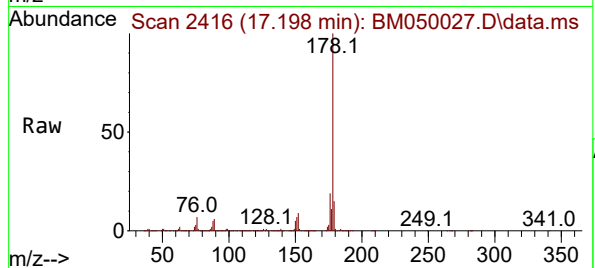
Tgt Ion:266 Resp: 175794
Ion Ratio Lower Upper
266 100
268 63.0 51.2 76.8
264 60.9 49.6 74.4





#71
Phenanthrene
Concen: 19.208 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

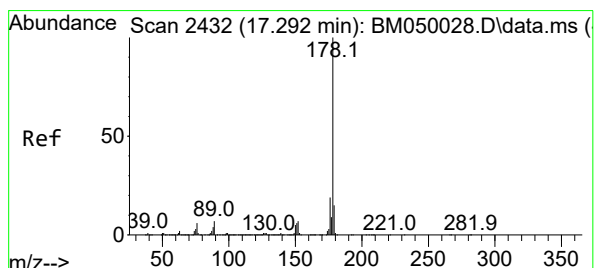
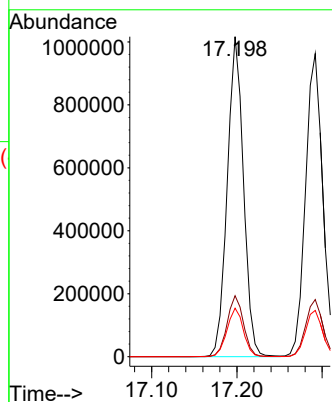
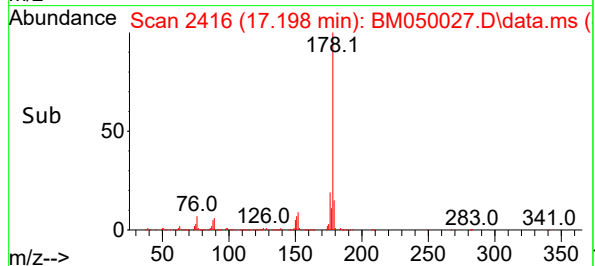
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 1348190
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.4 18.6

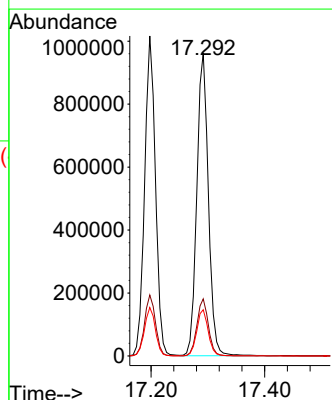
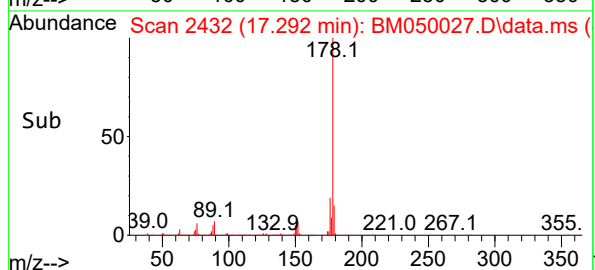
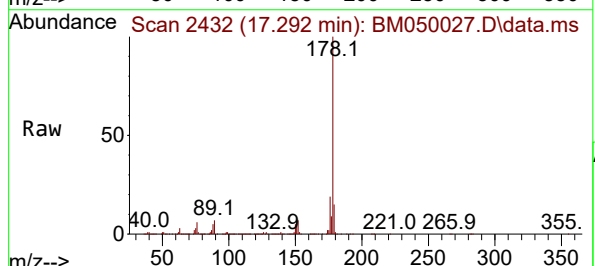
Manual Integrations
APPROVED

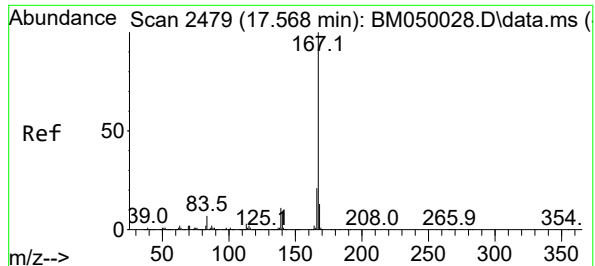
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 19.210 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

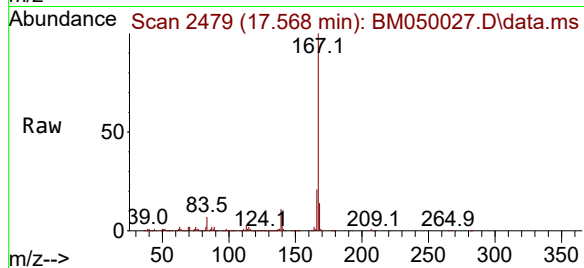
Tgt Ion:178 Resp: 1364462
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 19.377 ng
RT: 17.568 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

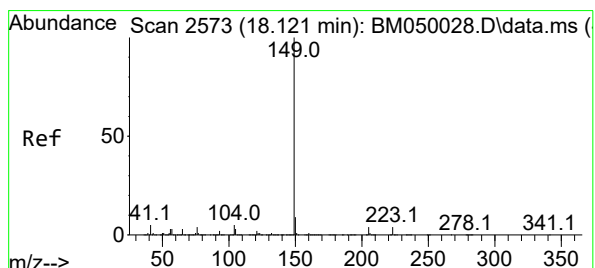
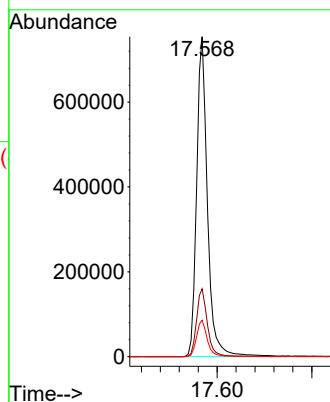
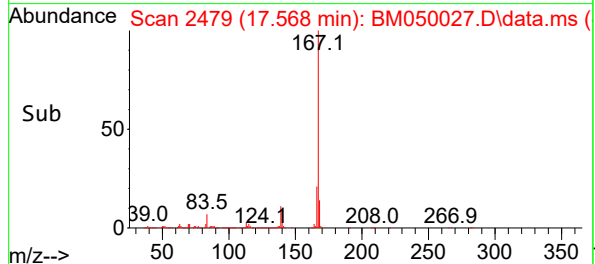
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1194310
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.4 9.0 13.6

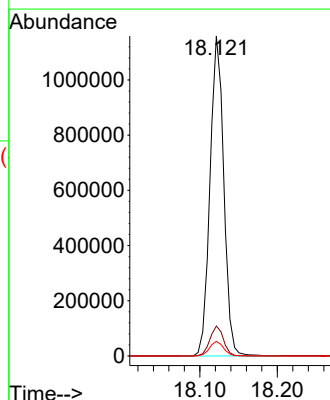
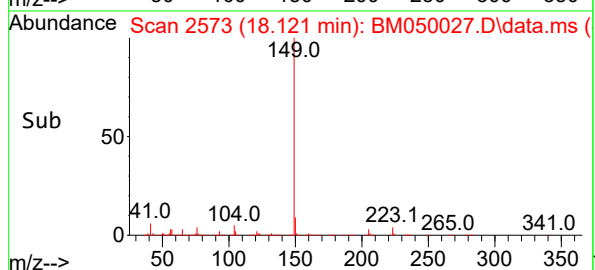
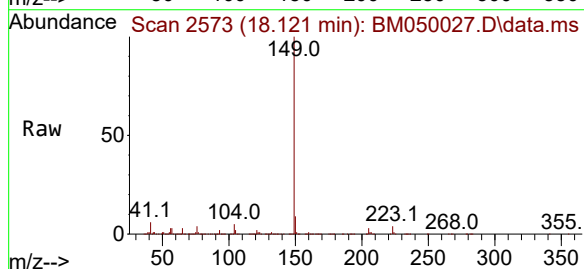
Manual Integrations
APPROVED

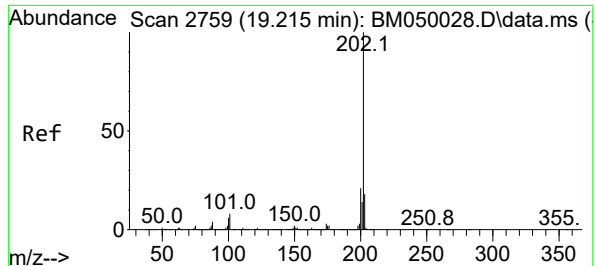
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 19.519 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

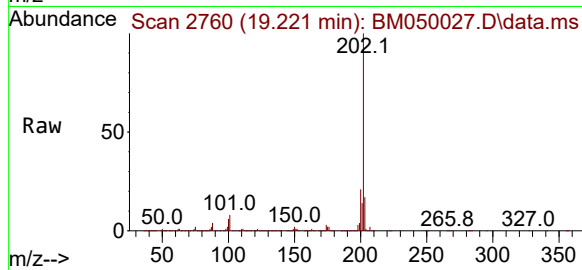
Tgt Ion:149 Resp: 1432688
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.6 3.8 5.6





#75
Fluoranthene
Concen: 18.872 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

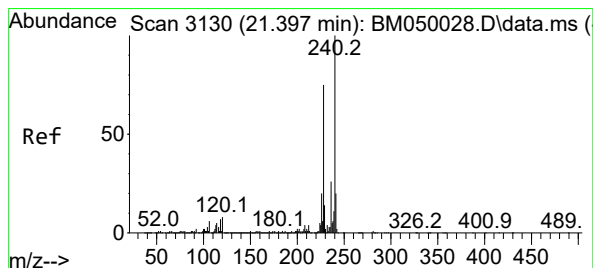
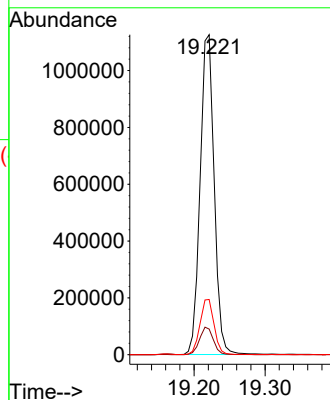
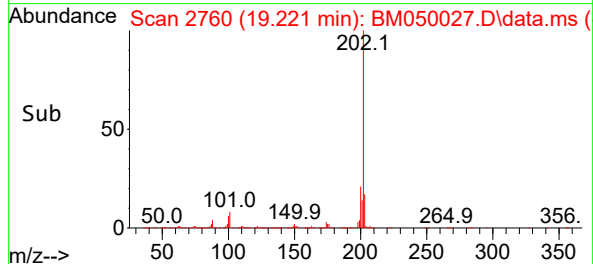
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1555160
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.2 0.0 37.7

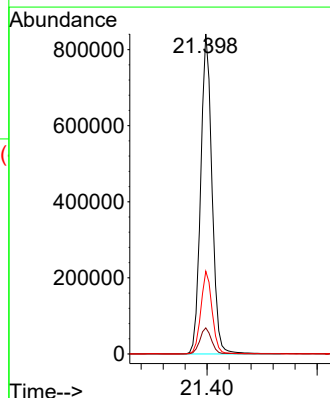
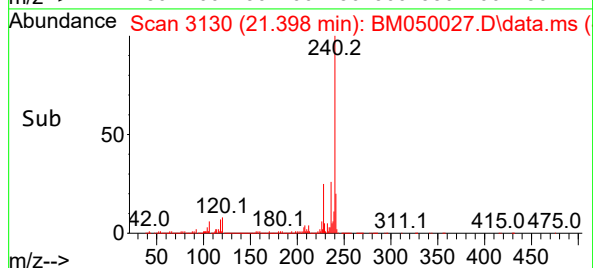
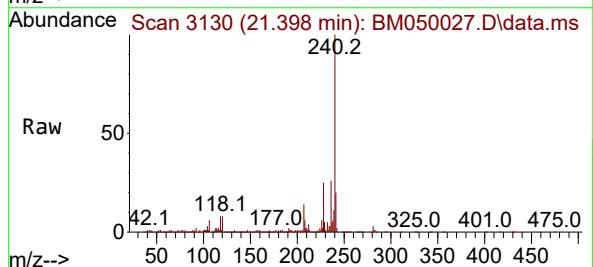
Manual Integrations
APPROVED

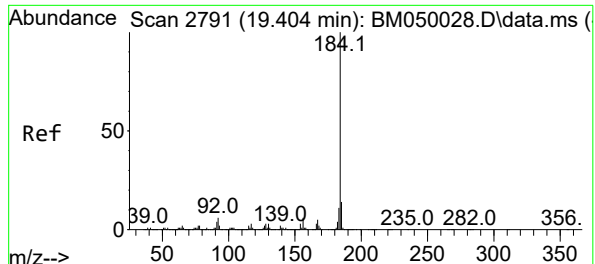
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

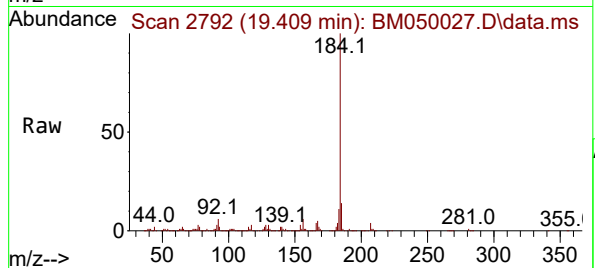
Tgt Ion:240 Resp: 1204355
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.9 31.3





#77
Benzidine
Concen: 18.175 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

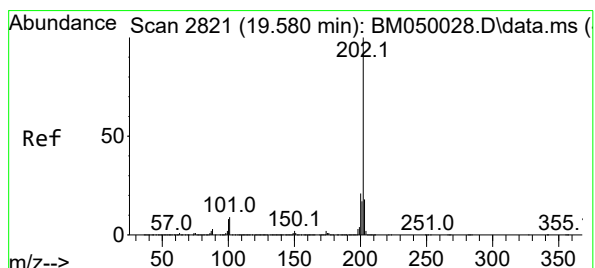
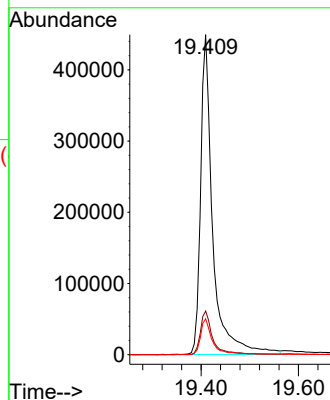
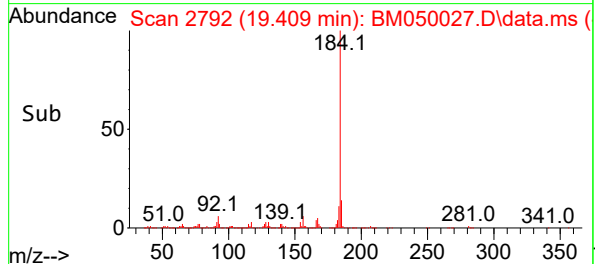
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 777502
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.2 8.9 13.3

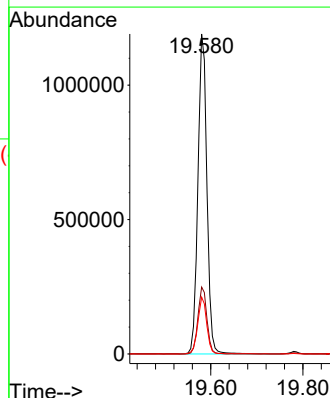
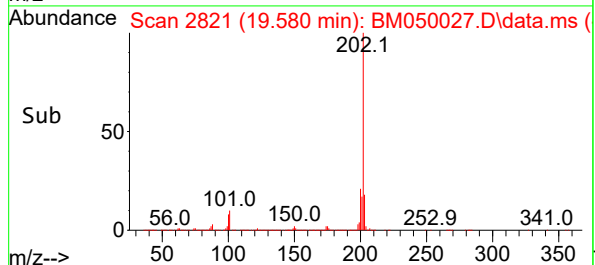
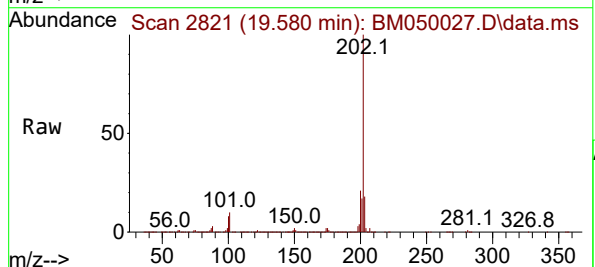
Manual Integrations
APPROVED

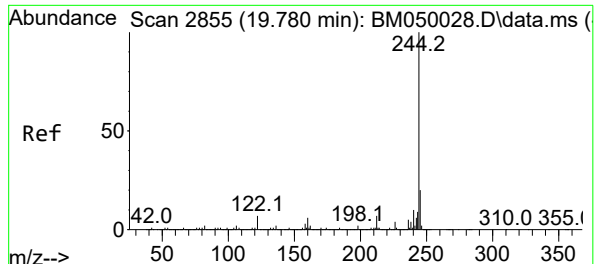
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 18.964 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

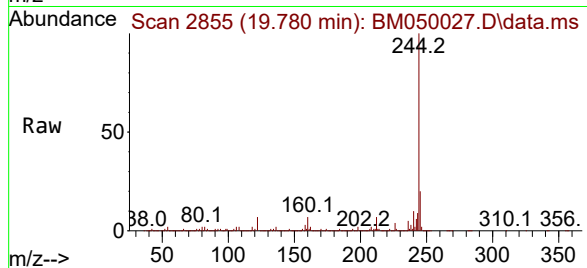
Tgt Ion:202 Resp: 1603874
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

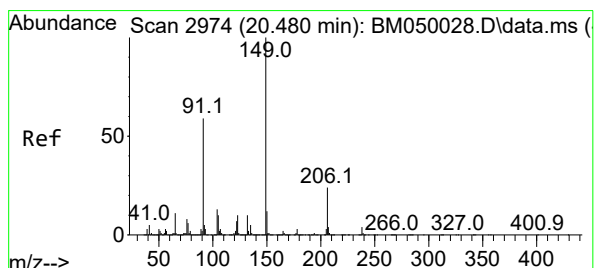
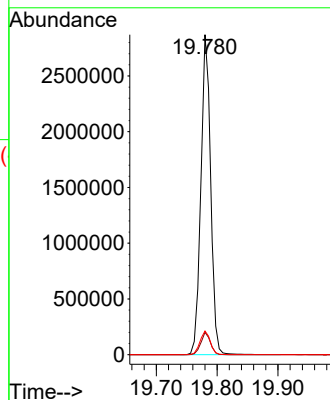
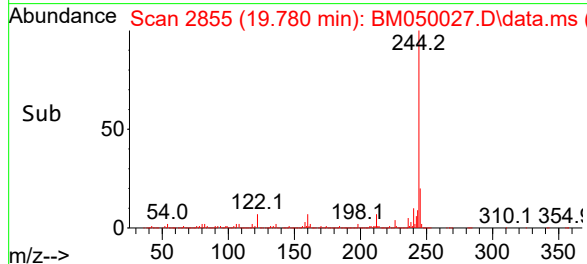
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



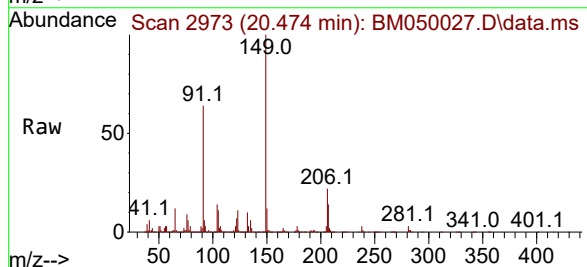
Tgt Ion:244 Resp: 320824
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.4 5.6 8.4

Manual Integrations
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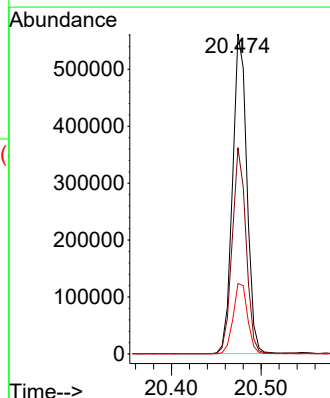
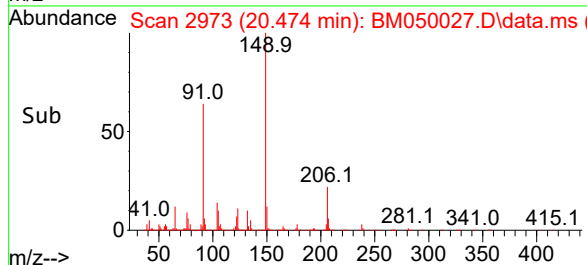
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

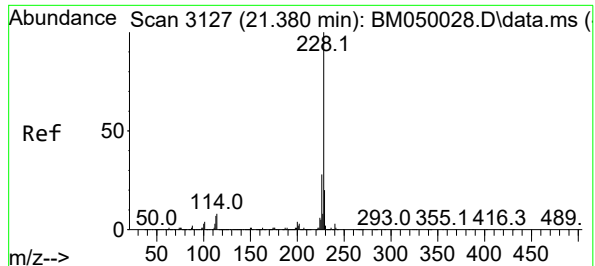


#80
Butylbenzylphthalate
Concen: 19.597 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



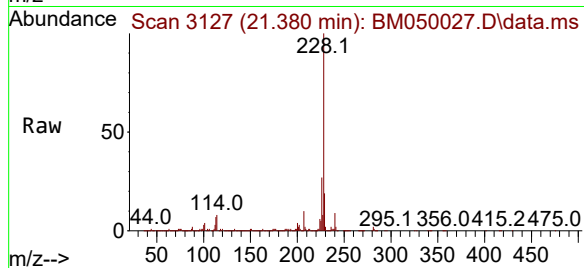
Tgt Ion:149 Resp: 620751
Ion Ratio Lower Upper
149 100
91 64.4 47.4 71.2
206 22.0 19.4 29.0





#81
Benzo(a)anthracene
Concen: 19.187 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

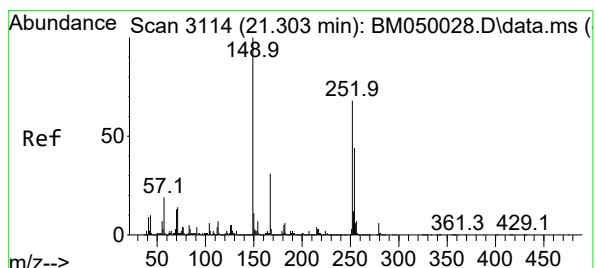
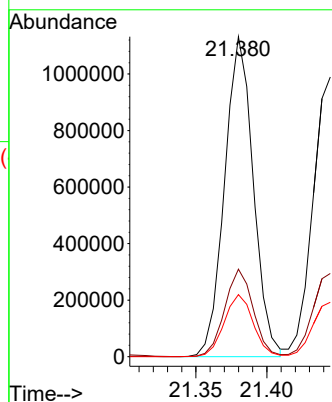
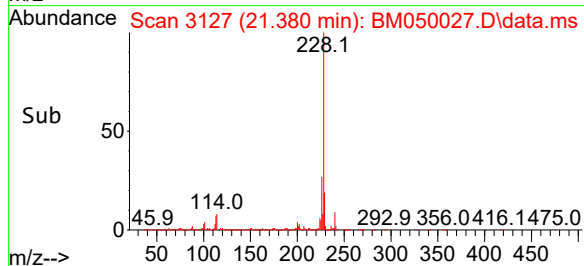
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1591290
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.4 15.7 23.5

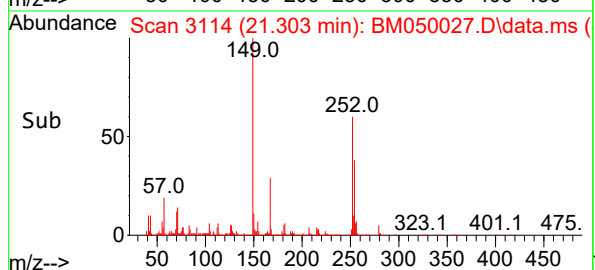
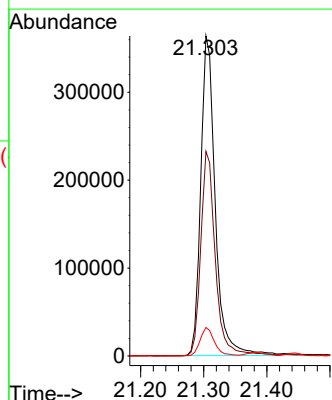
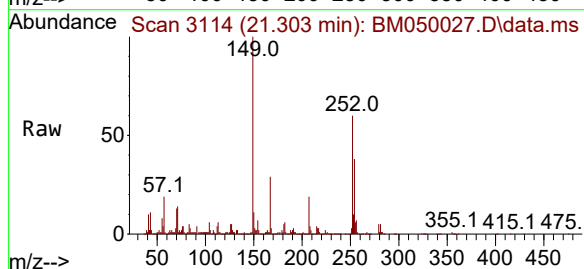
Manual Integrations
APPROVED

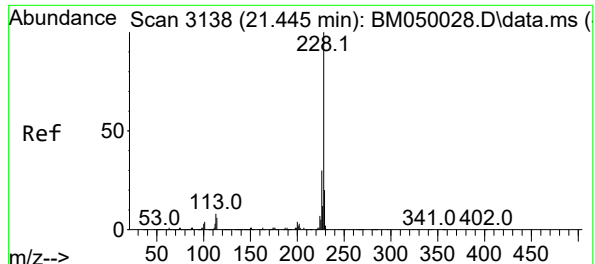
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 582038
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 8.9 6.0 9.0





#83

Chrysene

Concen: 19.044 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM050027.D

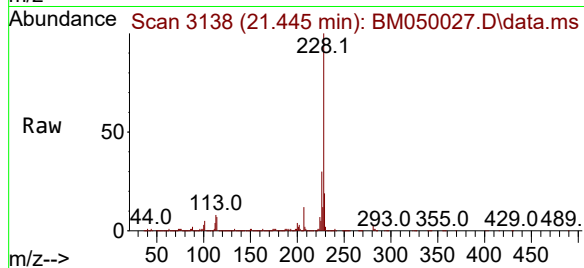
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 146177

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

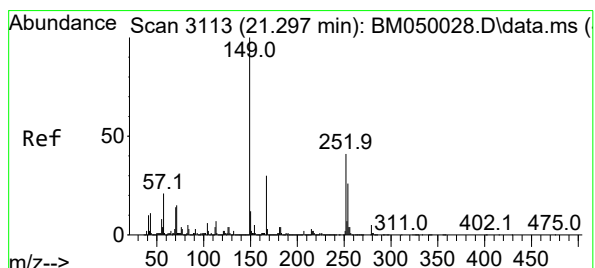
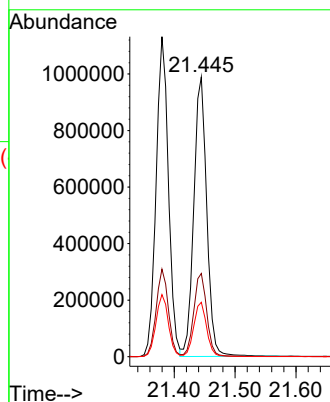
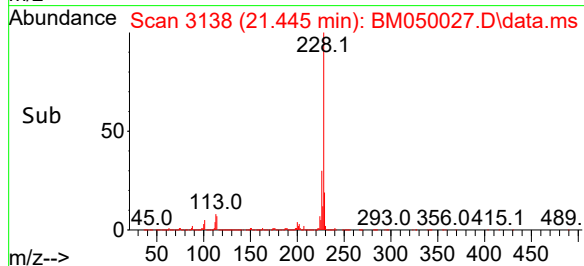
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#84

Bis(2-ethylhexyl)phthalate

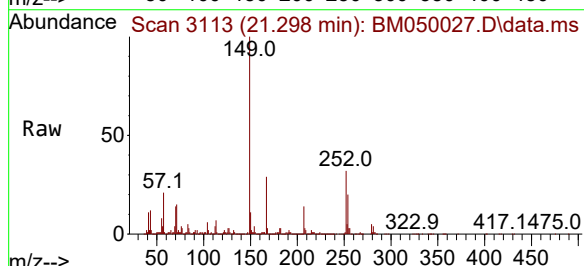
Concen: 19.730 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



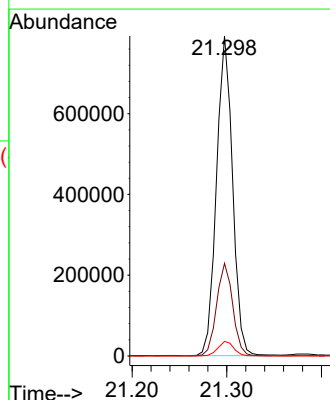
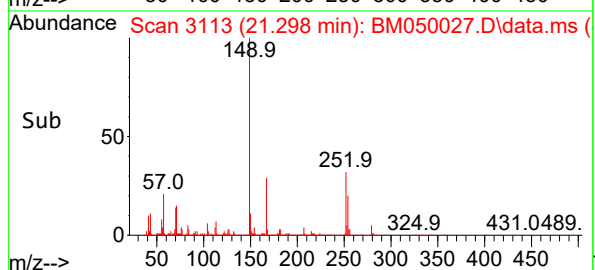
Tgt Ion:149 Resp: 933505

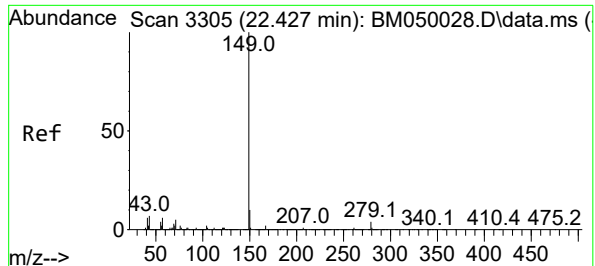
Ion Ratio Lower Upper

149 100

167 29.0 24.1 36.1

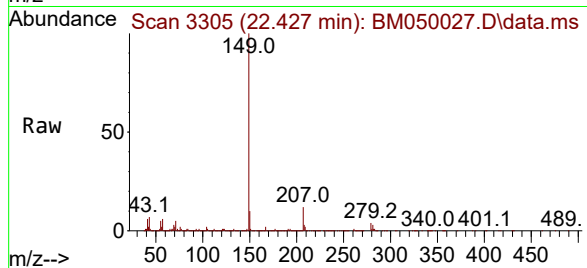
279 4.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 19.552 ng
RT: 22.427 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

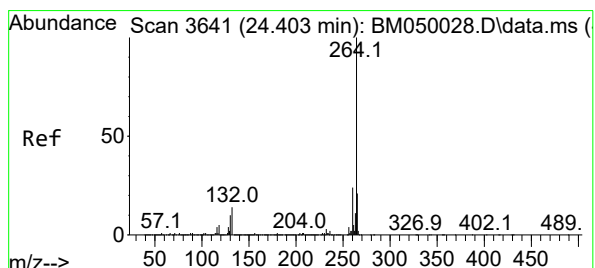
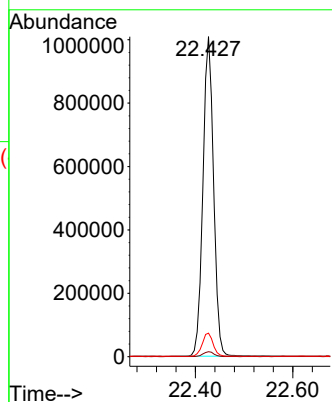
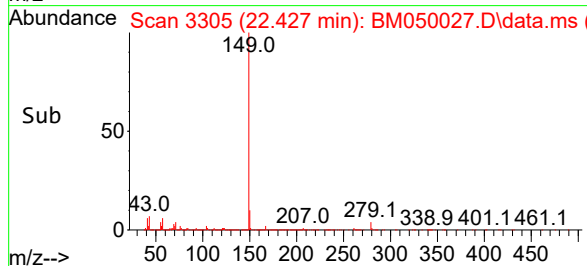
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1525599
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8

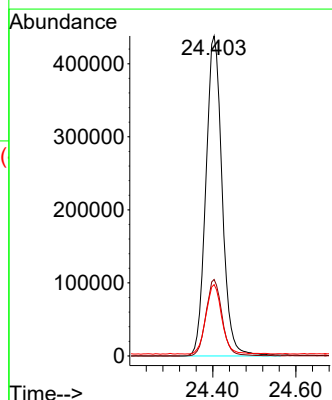
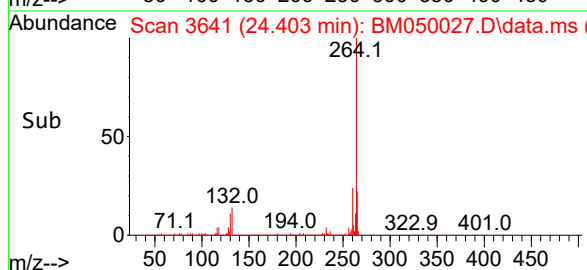
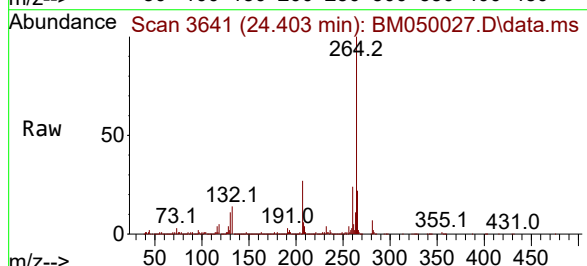
Manual Integrations
APPROVED

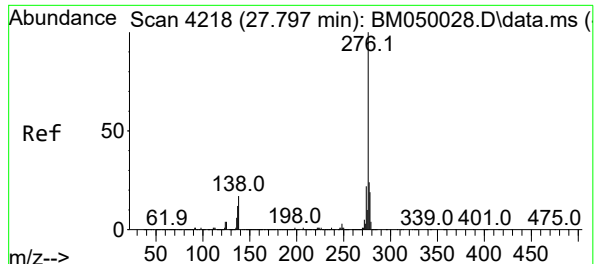
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

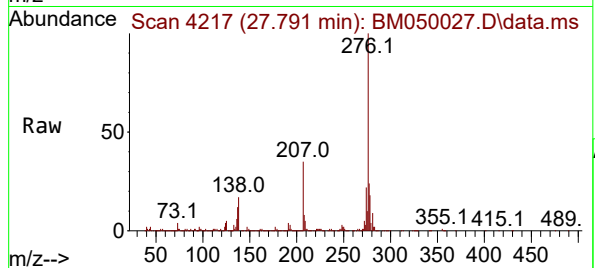
Tgt Ion:264 Resp: 1191041
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 18.840 ng
RT: 27.791 min Scan# 4218
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

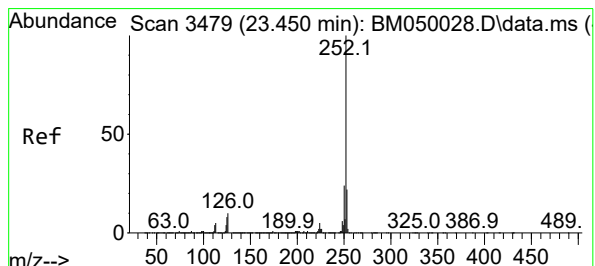
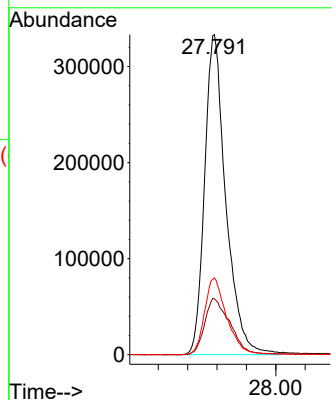
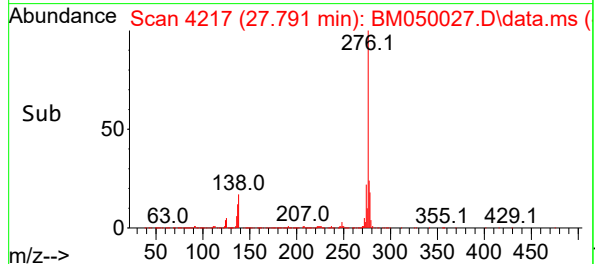
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 167196
Ion Ratio Lower Upper
276 100
138 20.9 16.4 24.6
277 25.0 19.8 29.8

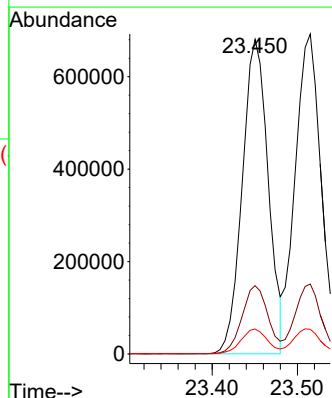
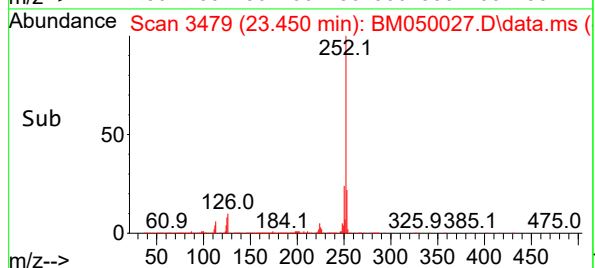
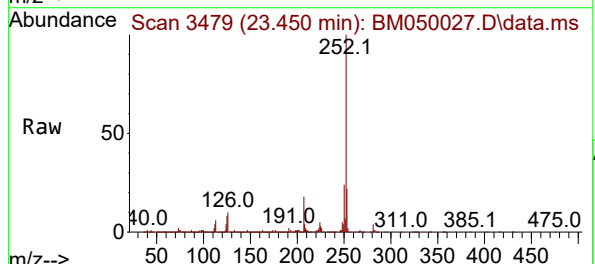
Manual Integrations
APPROVED

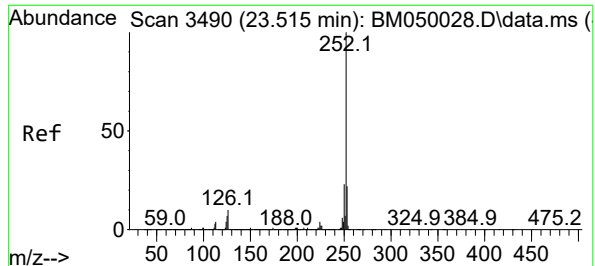
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

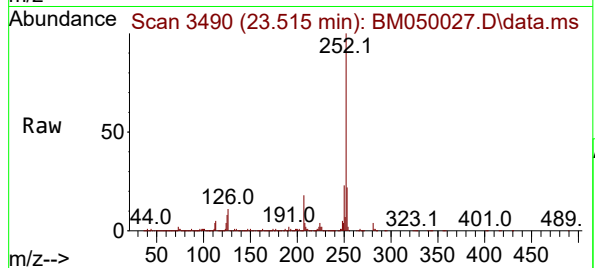
Tgt Ion:252 Resp: 1439776
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.9 6.1 9.1





#89
Benzo(k)fluoranthene
Concen: 19.005 ng
RT: 23.515 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

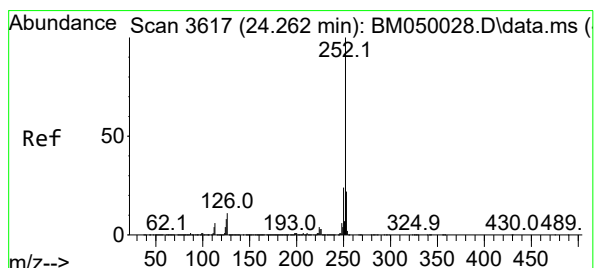
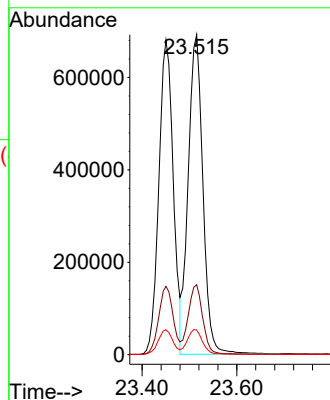
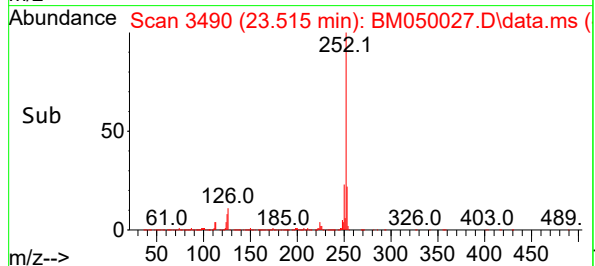
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:252 Resp: 1489410
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.7 5.8 8.8

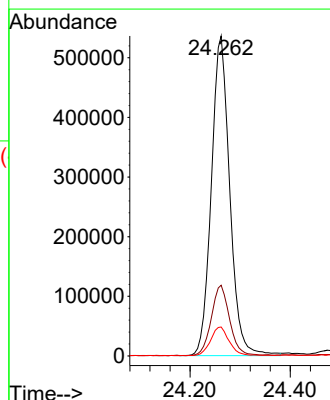
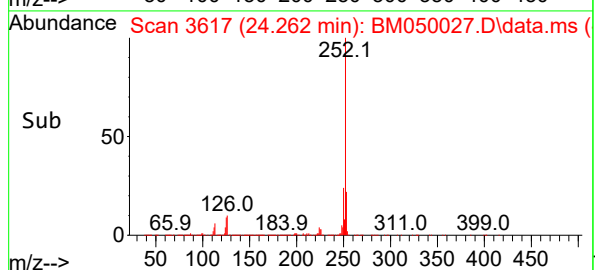
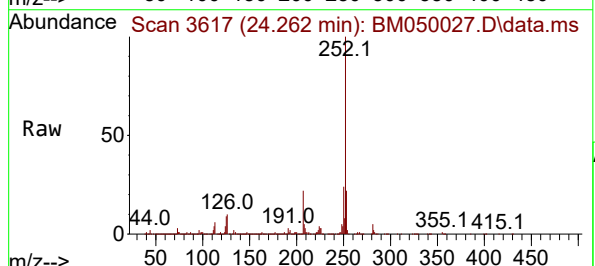
Manual Integrations
APPROVED

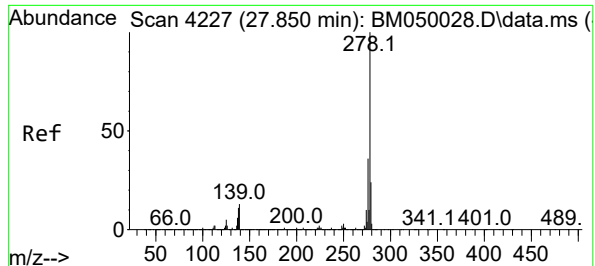
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#90
Benzo(a)pyrene
Concen: 18.825 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

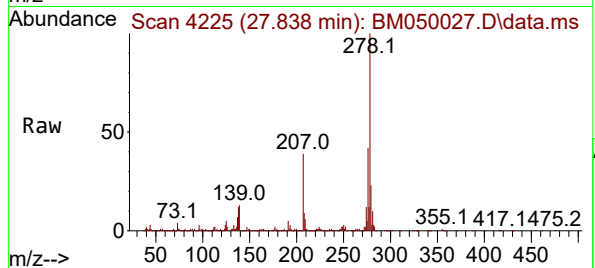
Tgt Ion:252 Resp: 1365706
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.0 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 18.803 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

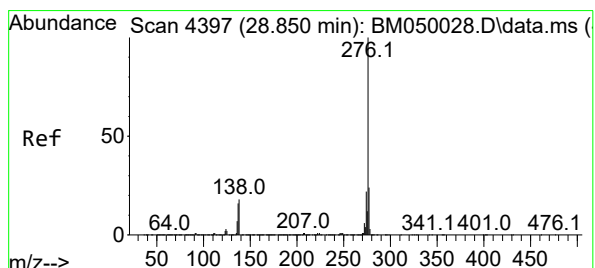
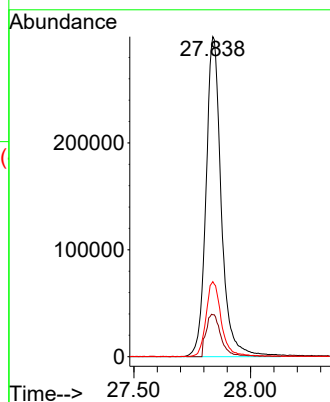
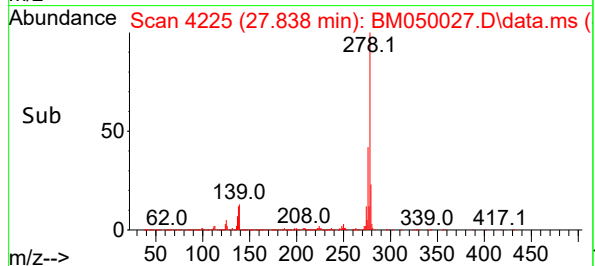
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 1360269
Ion Ratio Lower Upper
278 100
139 13.1 10.5 15.7
279 23.4 19.4 29.0

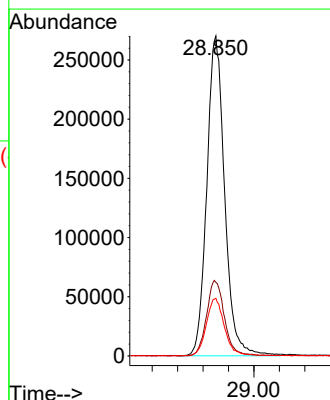
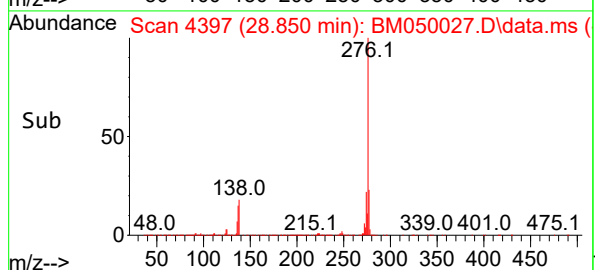
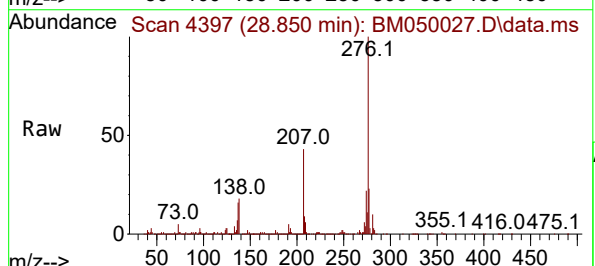
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 19.008 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 1316513
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 18.1 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

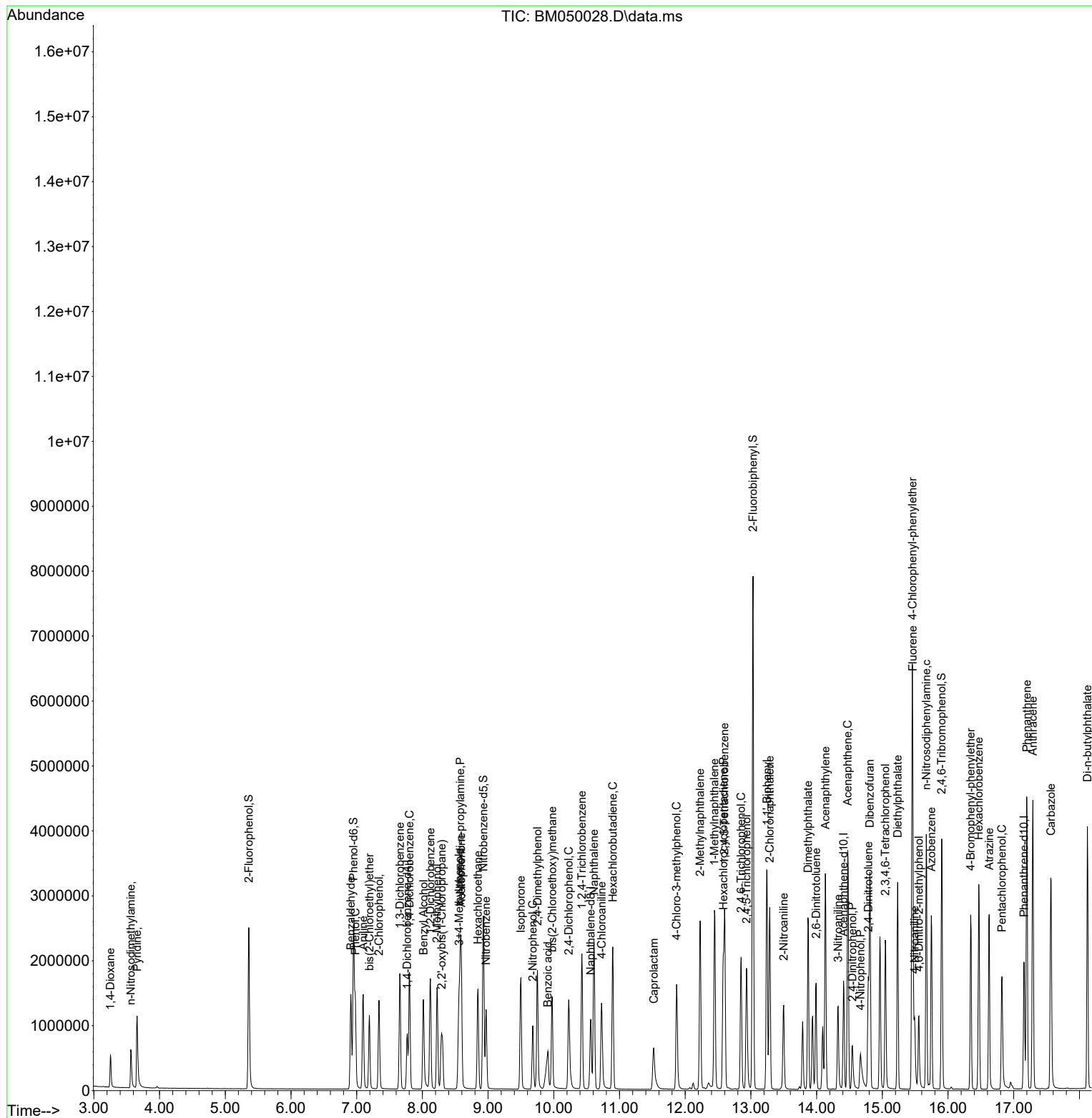
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

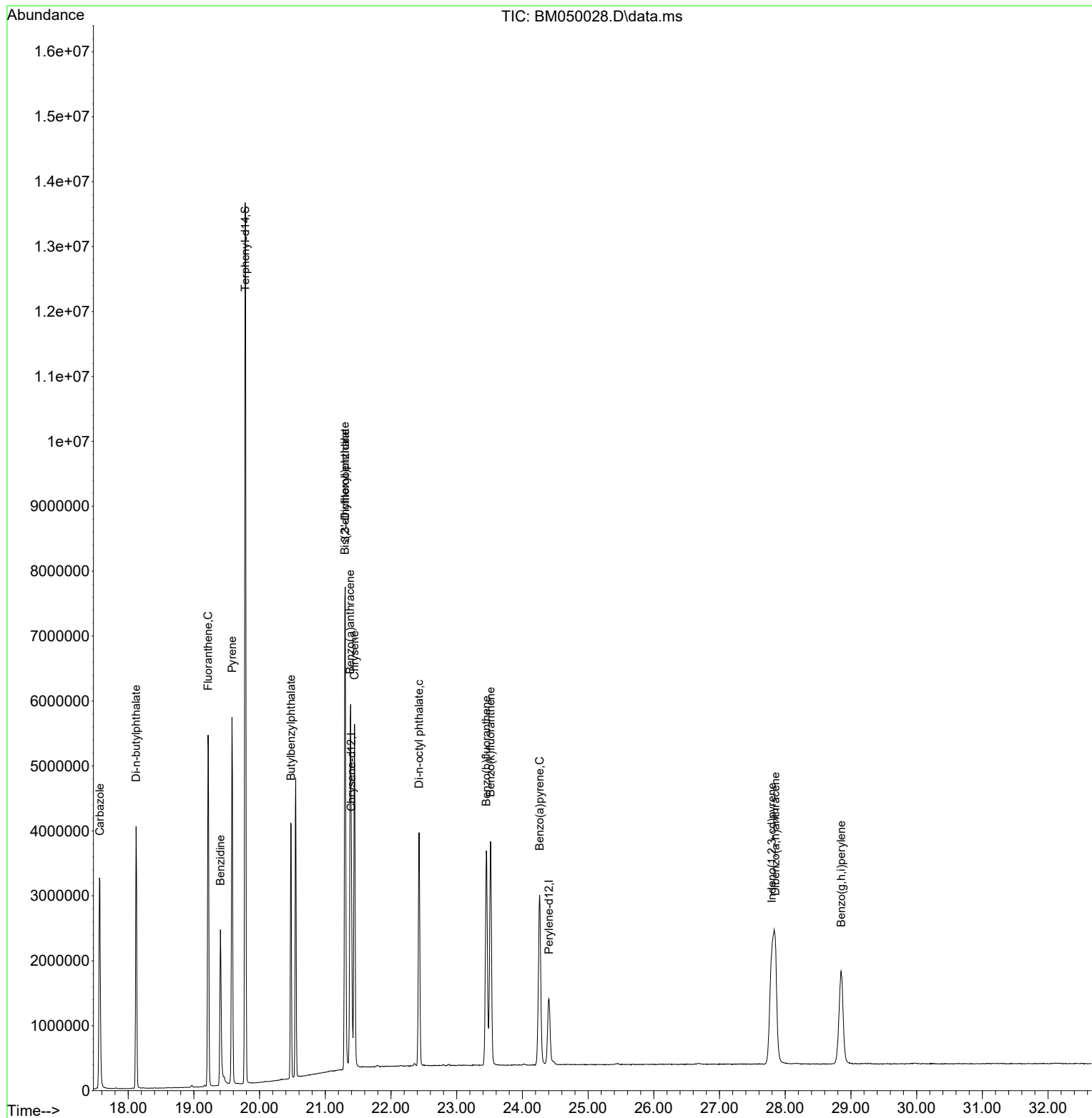
Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

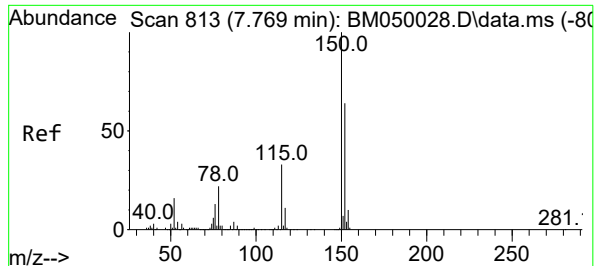


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

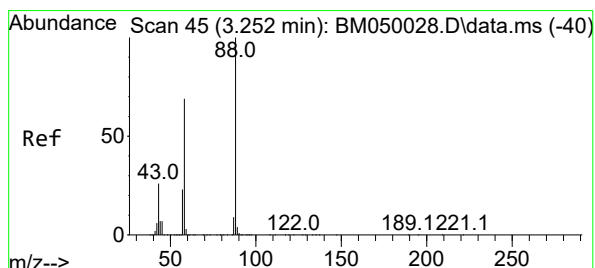
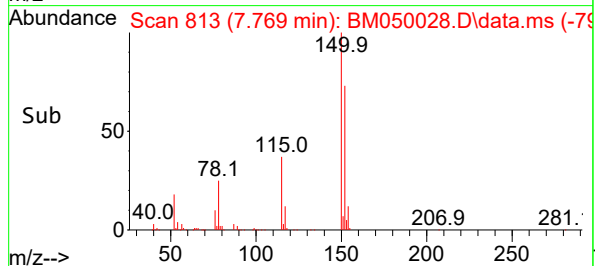
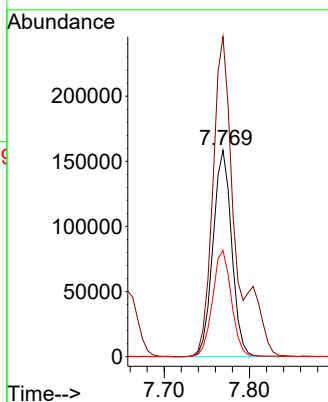
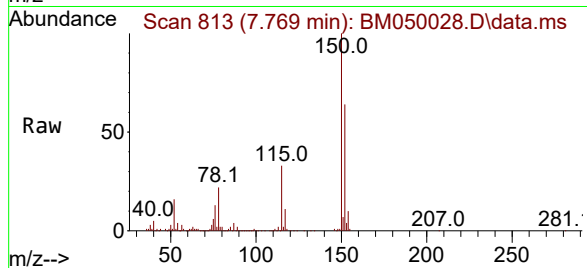




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

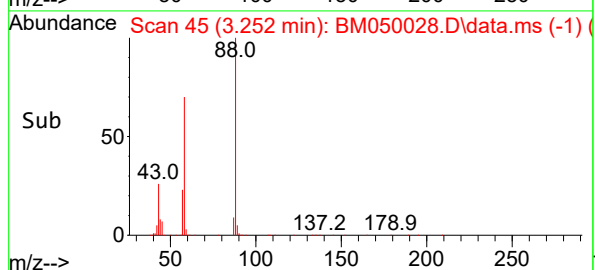
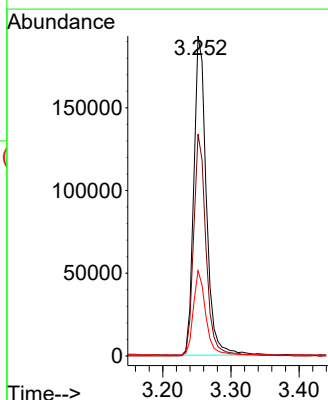
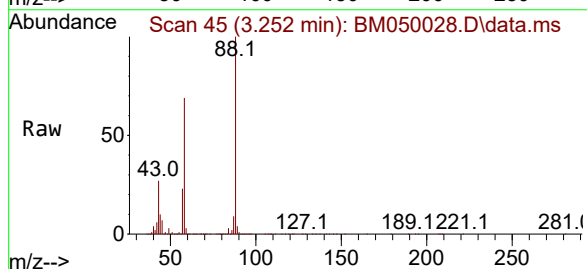
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

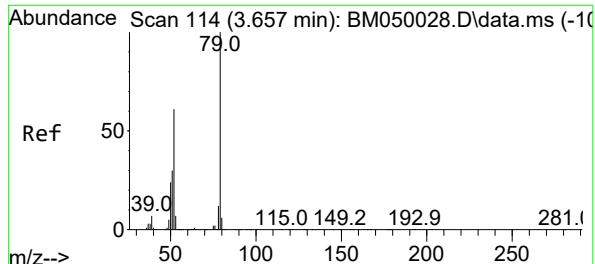
Tgt Ion:152 Resp: 241109
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 51.5 41.2 61.8



#2
1,4-Dioxane
Concen: 41.774 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 88 Resp: 246624
Ion Ratio Lower Upper
88 100
58 68.9 55.1 82.7
43 26.1 20.9 31.3

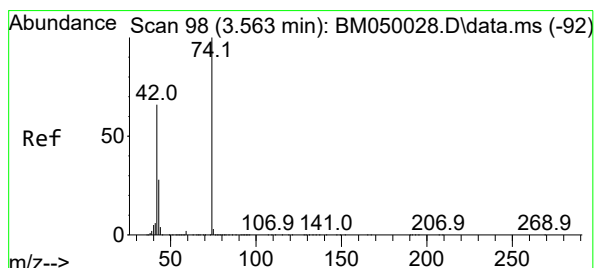
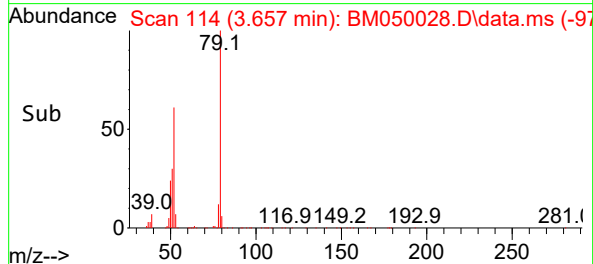
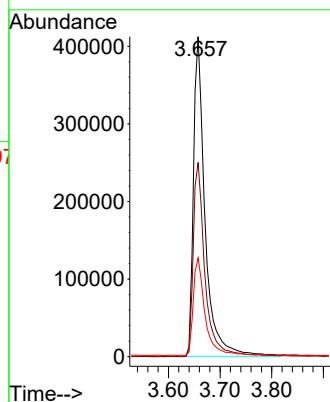
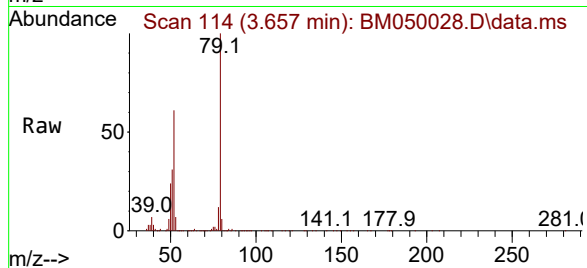




#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

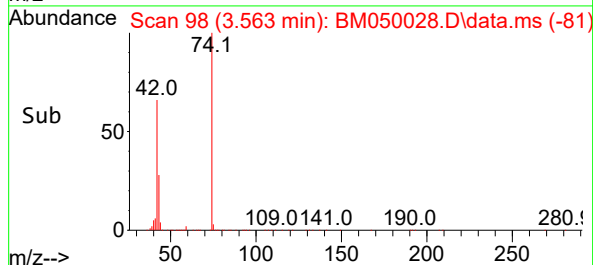
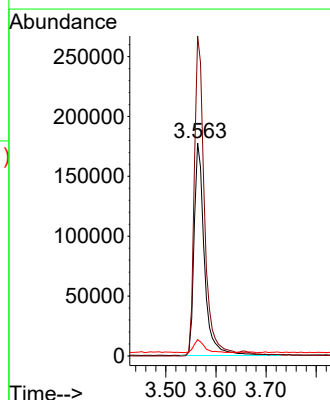
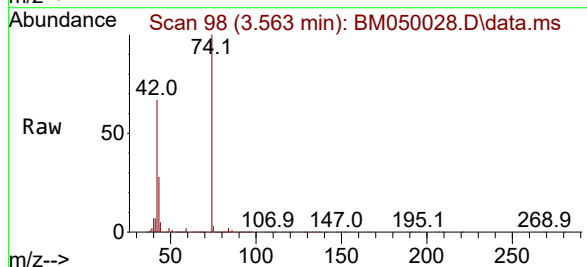
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BNA_M
ClientSampleId :
SSTDICCC040

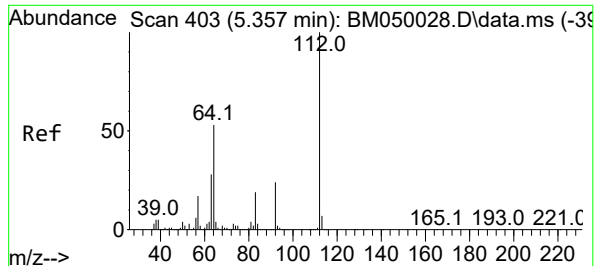
Tgt Ion: 79 Resp: 641890
Ion Ratio Lower Upper
79 100
52 60.7 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 42.316 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 42 Resp: 251749
Ion Ratio Lower Upper
42 100
74 150.2 120.2 180.2
44 7.7 6.2 9.2

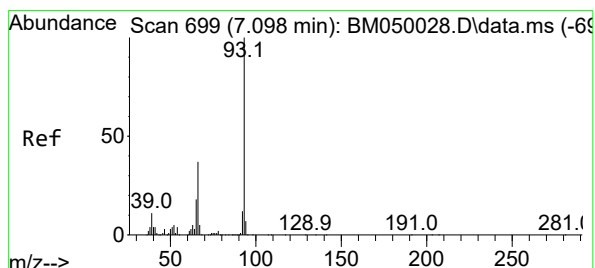
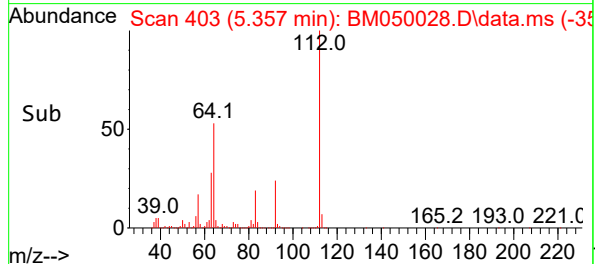
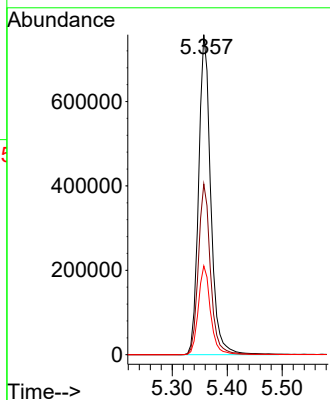
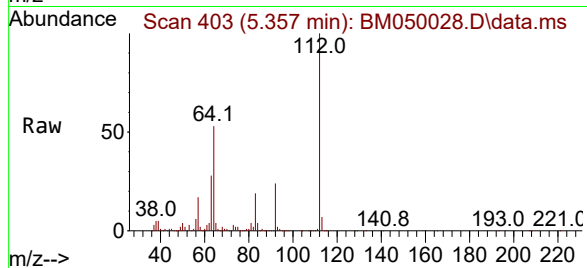




#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

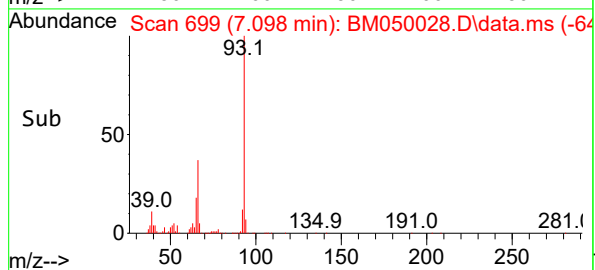
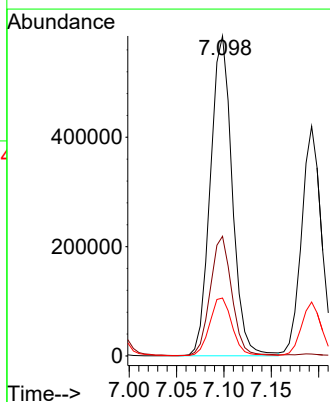
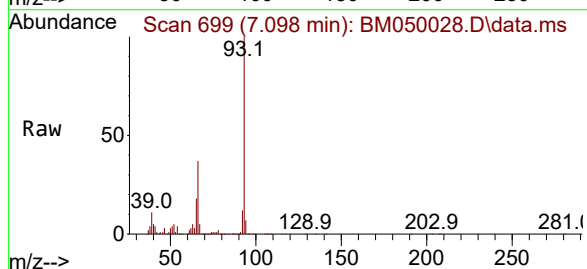
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

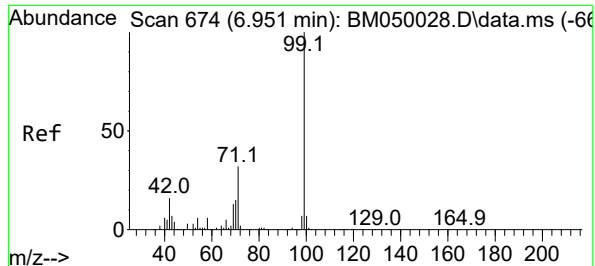
Tgt Ion:112 Resp: 1165032
Ion Ratio Lower Upper
112 100
64 53.3 42.6 64.0
63 27.8 22.2 33.4



#6
Aniline
Concen: 42.862 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 936673
Ion Ratio Lower Upper
93 100
66 37.4 29.9 44.9
65 18.1 14.5 21.7

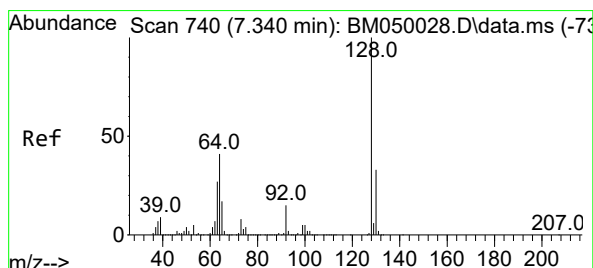
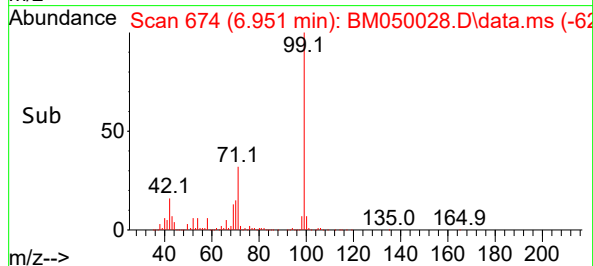
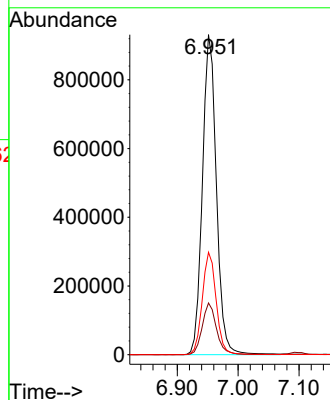
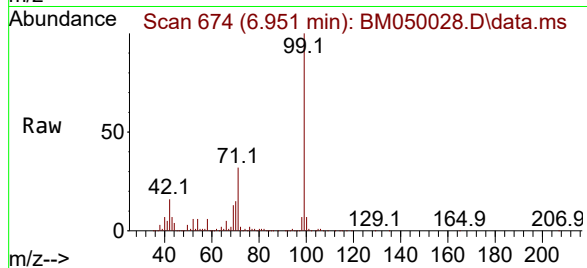




#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

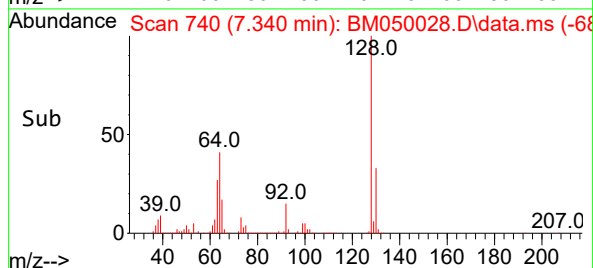
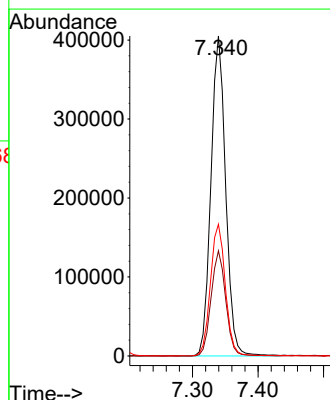
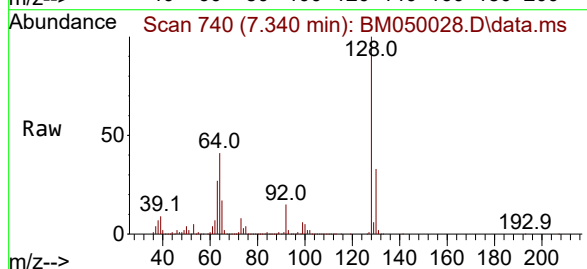
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

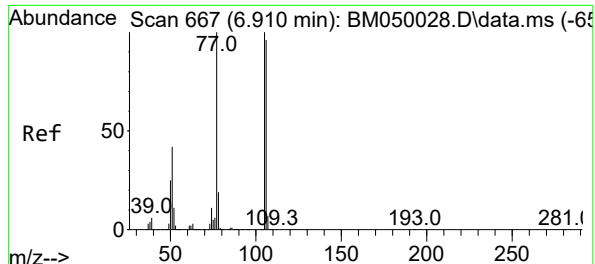
Tgt Ion: 99 Resp: 1487856
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 32.0 25.6 38.4



#8
2-Chlorophenol
Concen: 42.508 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 128 Resp: 632836
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.2 21.2 61.2

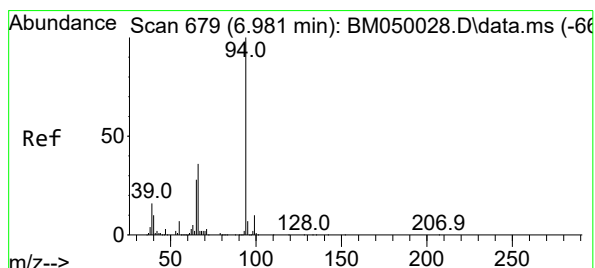
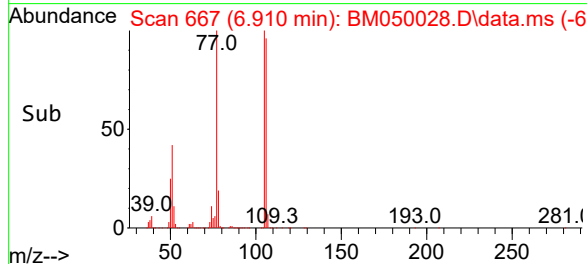
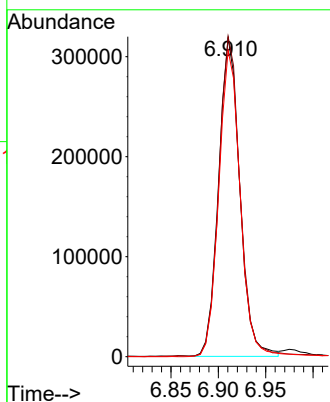
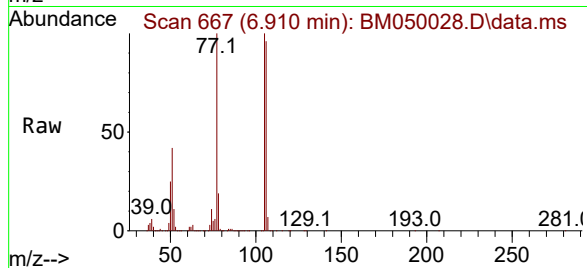




#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

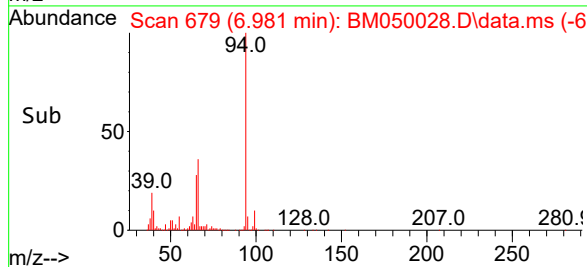
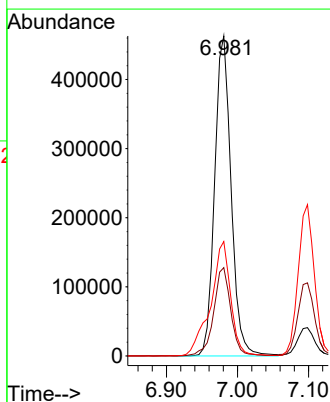
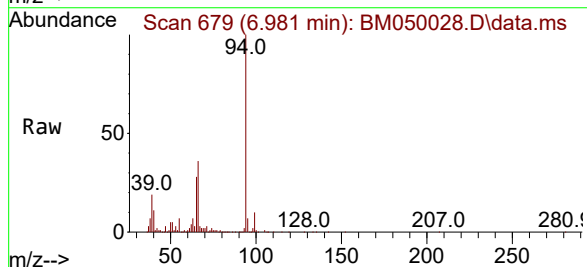
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

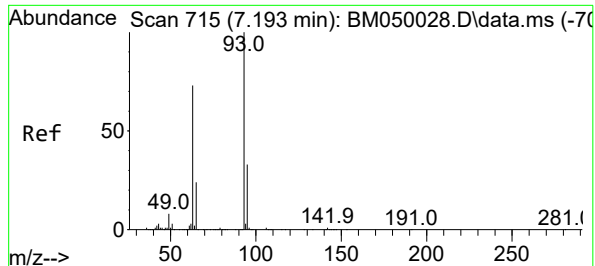
Tgt Ion: 77 Resp: 497166
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 96.1 76.1 116.1



#10
Phenol
Concen: 42.370 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 94 Resp: 742305
Ion Ratio Lower Upper
94 100
65 27.6 7.6 47.6
66 35.8 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 42.166 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

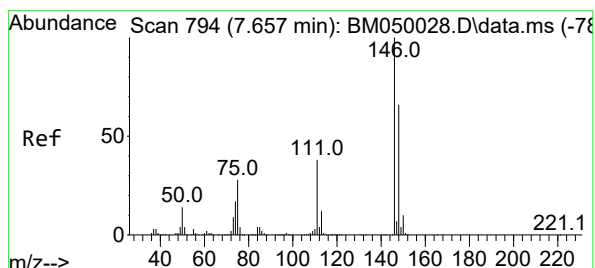
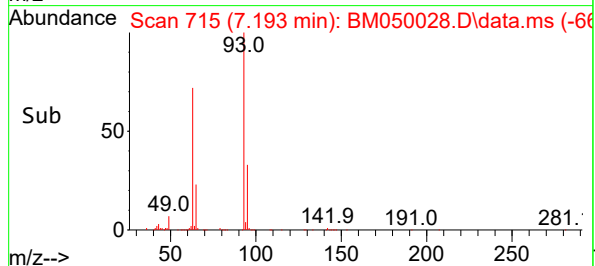
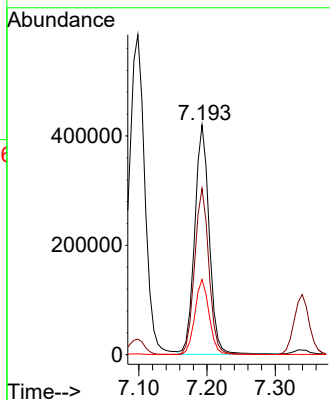
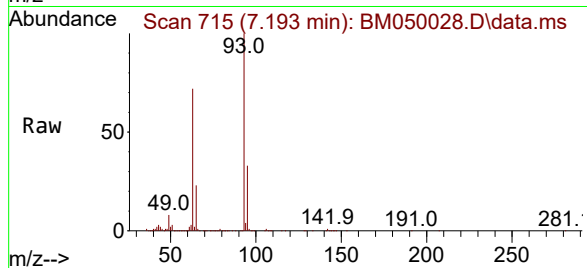
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 616851

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.8	12.8	52.8



#12

1,3-Dichlorobenzene

Concen: 41.979 ng

RT: 7.657 min Scan# 794

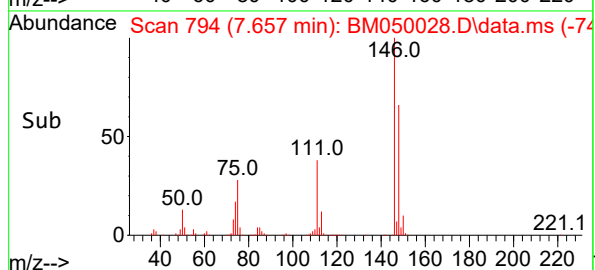
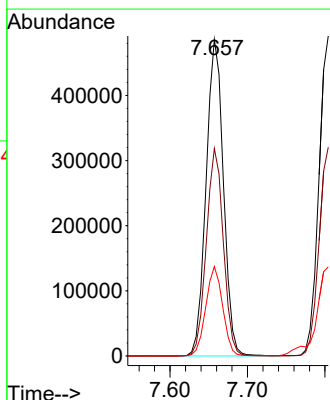
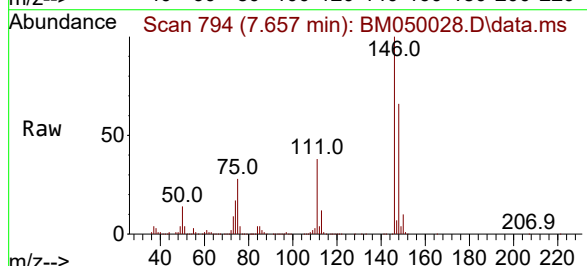
Delta R.T. 0.000 min

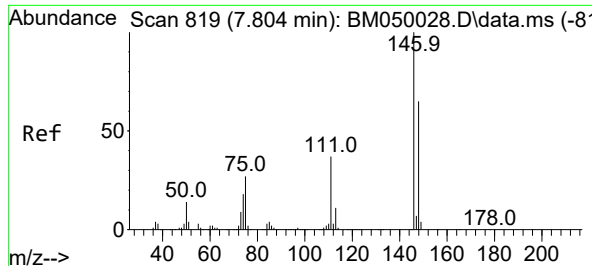
Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion: 146 Resp: 754937

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
75	28.3	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 41.677 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

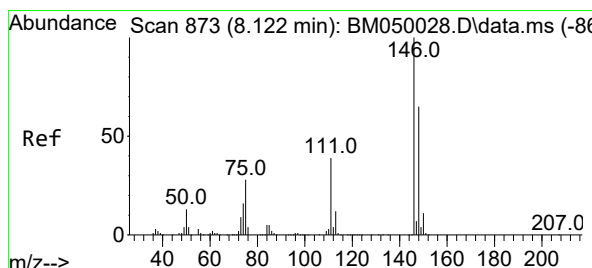
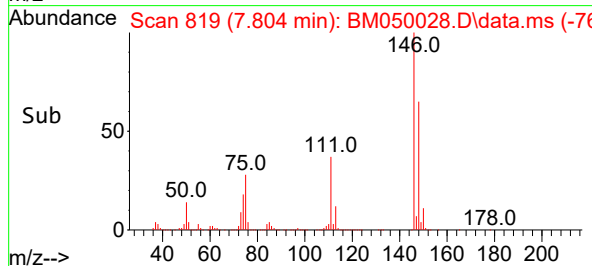
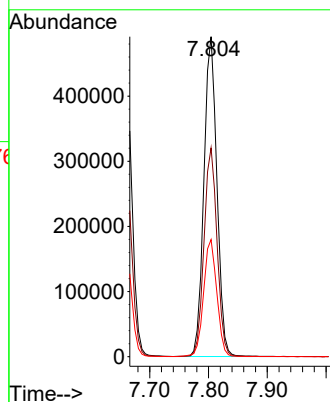
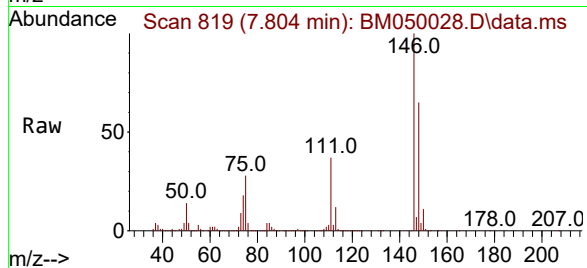
Tgt Ion:146 Resp: 752959

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 36.6 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 42.050 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

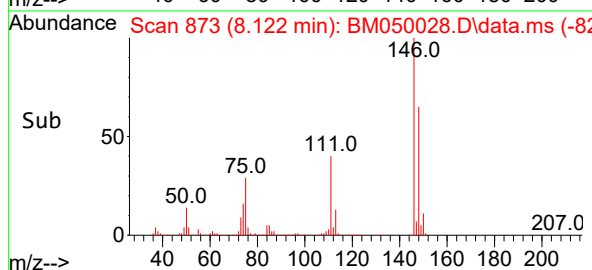
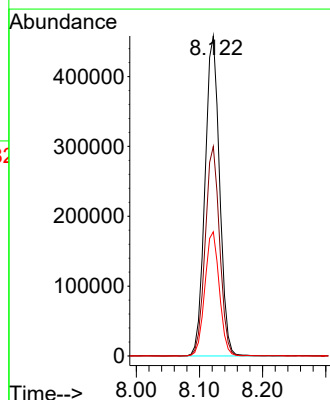
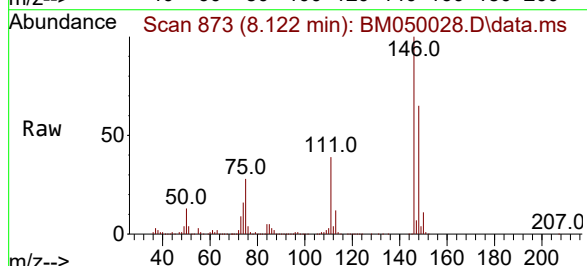
Tgt Ion:146 Resp: 733848

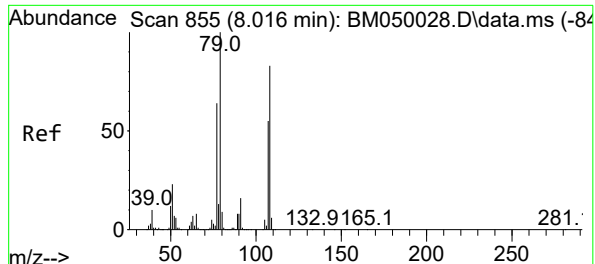
Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

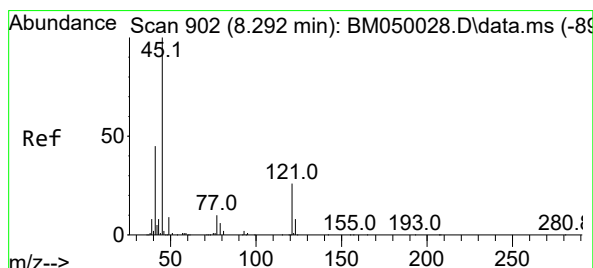
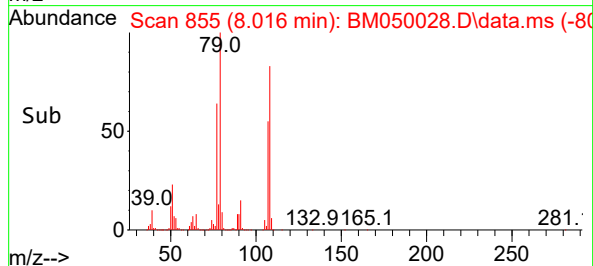
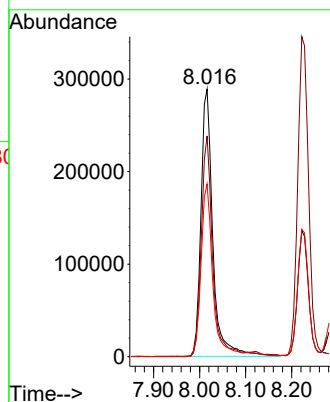
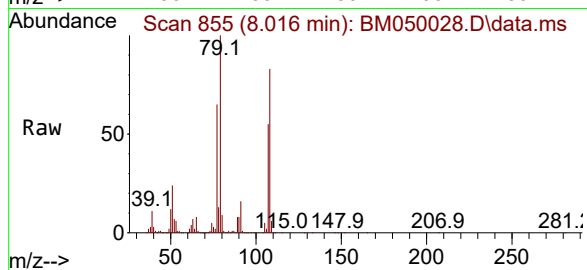
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 521025

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	64.5	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.085 ng

RT: 8.292 min Scan# 902

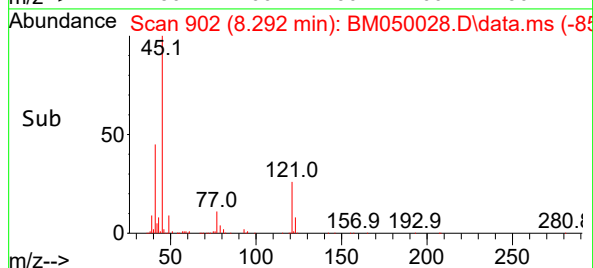
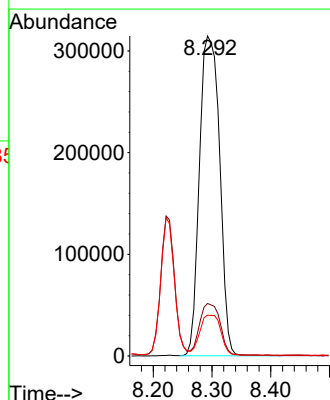
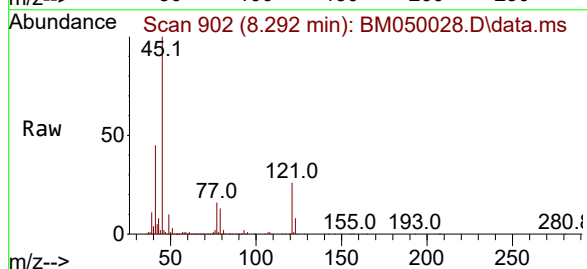
Delta R.T. 0.000 min

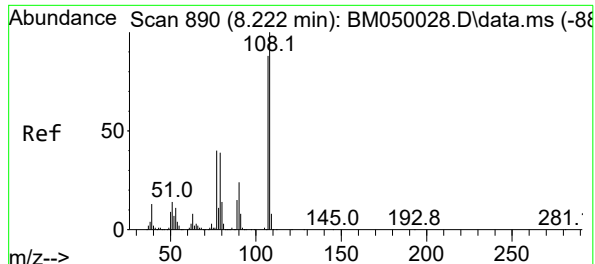
Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion: 45 Resp: 748400

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 43.149 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050028.D

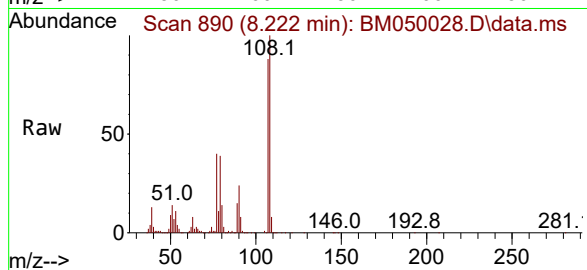
Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 498005

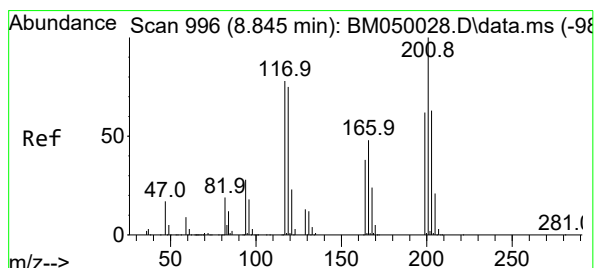
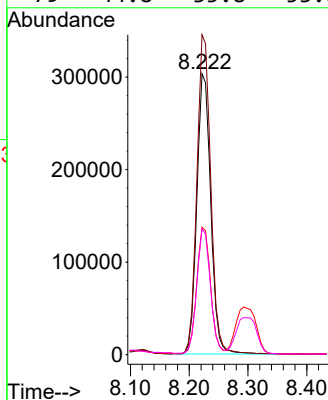
Ion	Ratio	Lower	Upper

107	100		

108	113.9	91.1	136.7

77	45.3	36.2	54.4

79	44.8	35.8	53.8



#18

Hexachloroethane

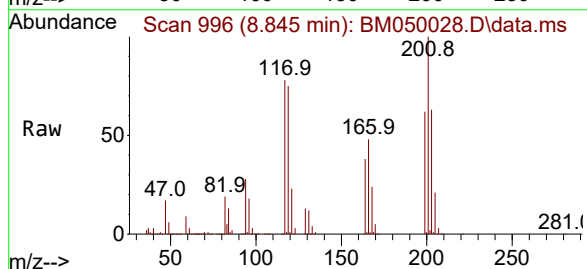
Concen: 41.780 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06



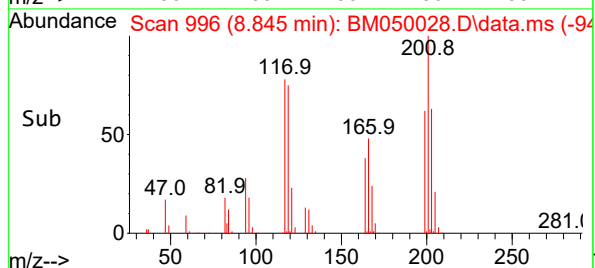
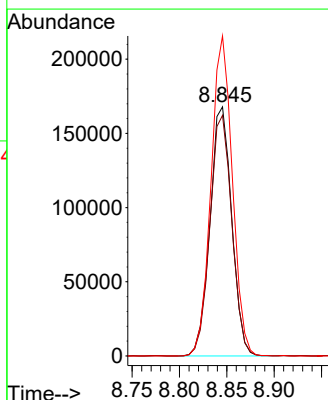
Tgt Ion:117 Resp: 268328

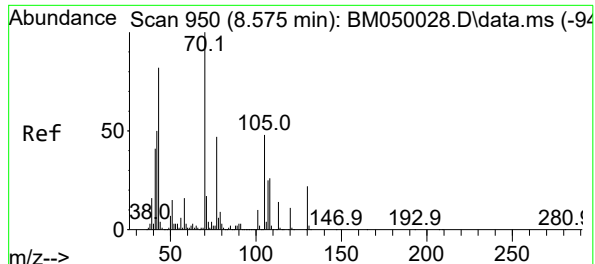
Ion	Ratio	Lower	Upper

117	100		

119	96.6	77.3	115.9

201	128.5	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.579 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 483699

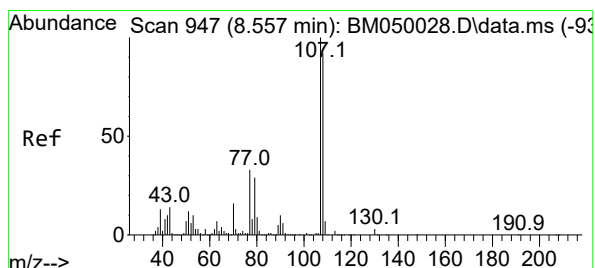
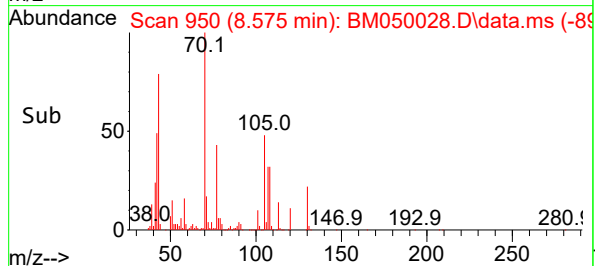
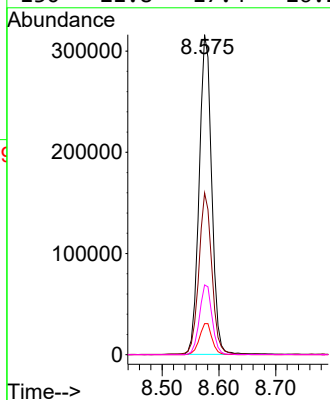
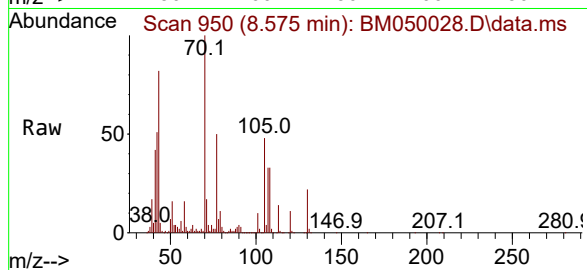
Ion Ratio Lower Upper

70 100

42 50.6 40.5 60.7

101 9.7 7.8 11.6

130 21.8 17.4 26.2



#20

3+4-Methylphenols

Concen: 43.111 ng

RT: 8.557 min Scan# 947

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion: 107 Resp: 671942

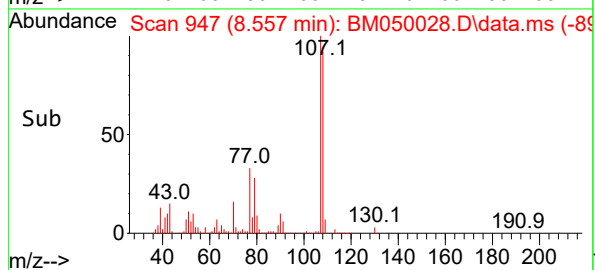
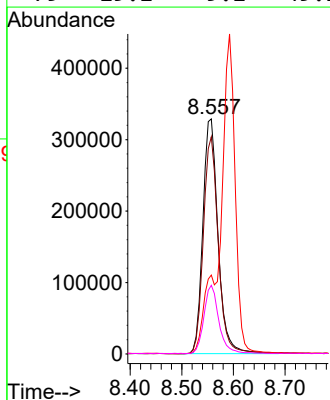
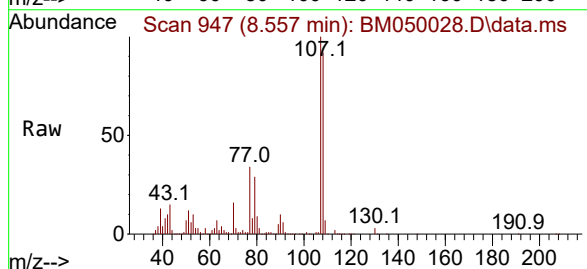
Ion Ratio Lower Upper

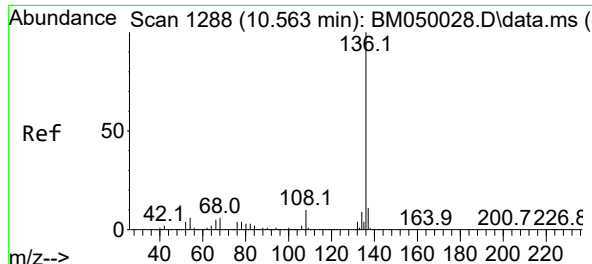
107 100

108 92.4 72.4 112.4

77 33.6 13.6 53.6

79 29.2 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 890488

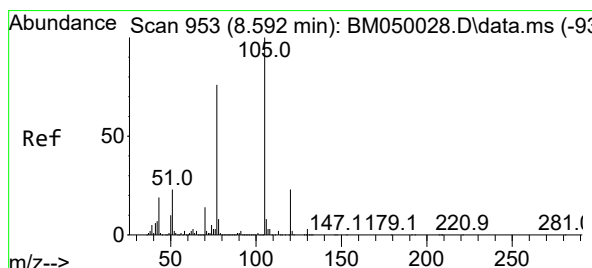
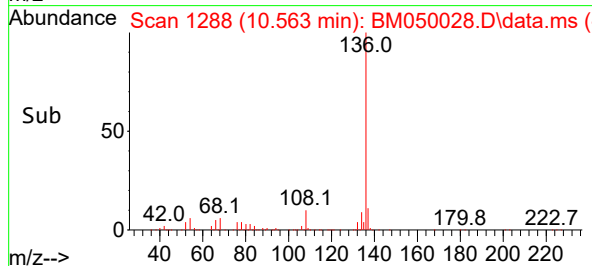
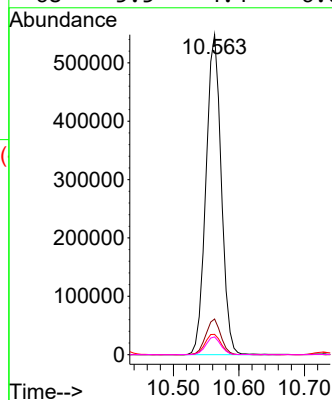
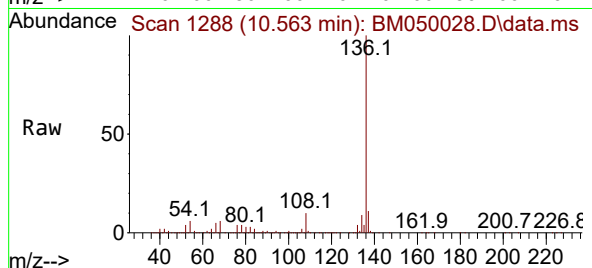
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 42.735 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

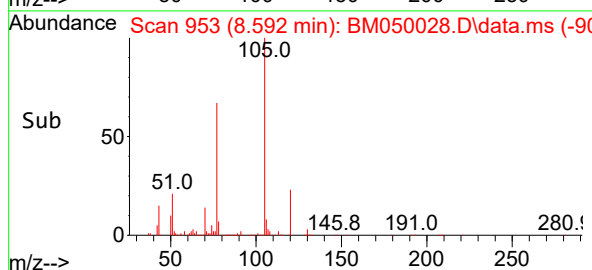
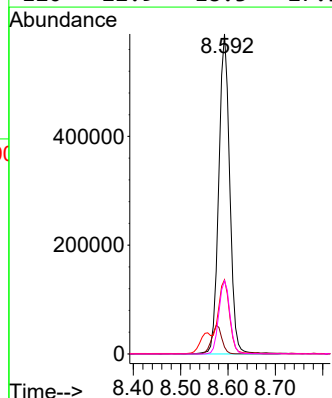
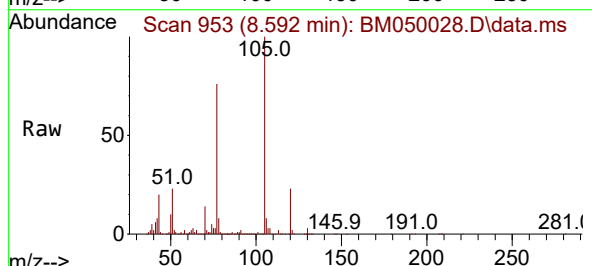
Ion Ratio Lower Upper

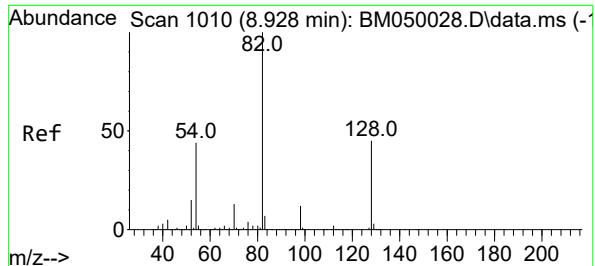
105 100

71 2.1 1.7 2.5

51 23.2 18.6 27.8

120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 85.620 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

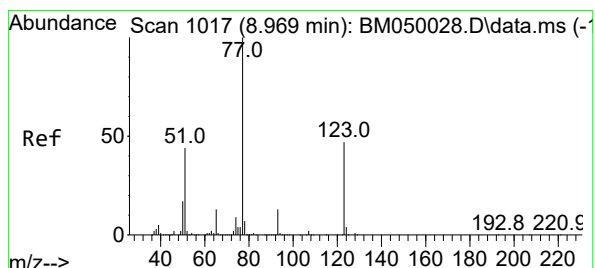
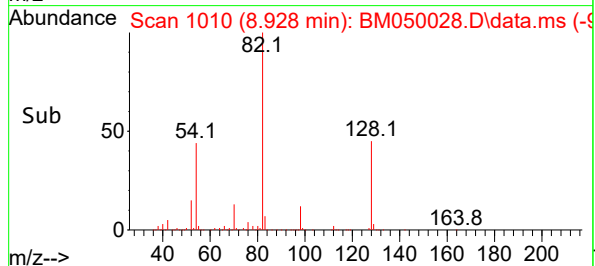
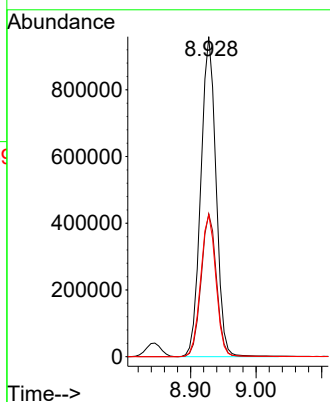
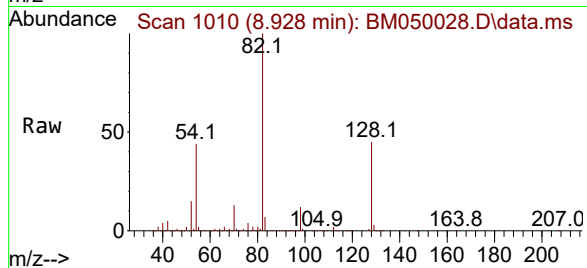
Tgt Ion: 82 Resp: 1547270

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 44.3 35.4 53.2



#24

Nitrobenzene

Concen: 42.625 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

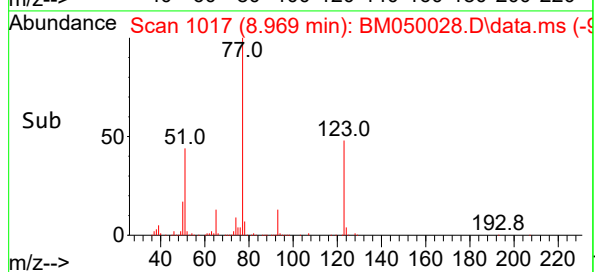
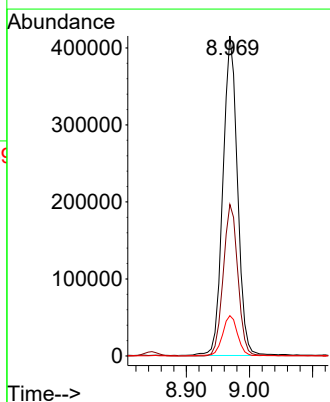
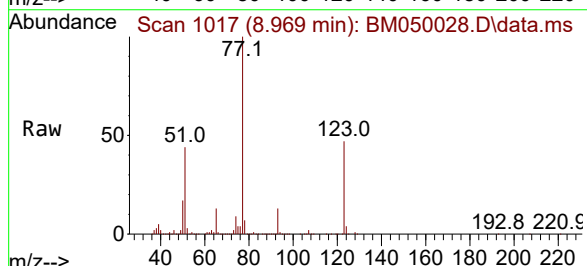
Tgt Ion: 77 Resp: 666034

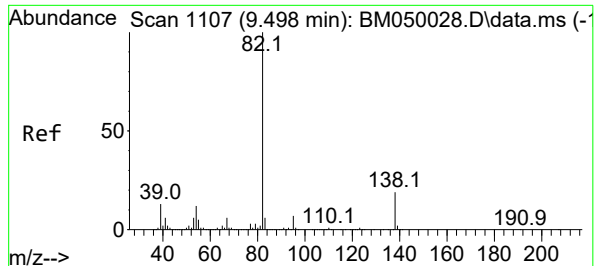
Ion Ratio Lower Upper

77 100

123 47.4 37.9 56.9

65 12.6 10.1 15.1

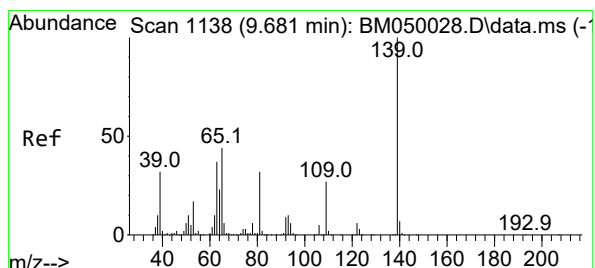
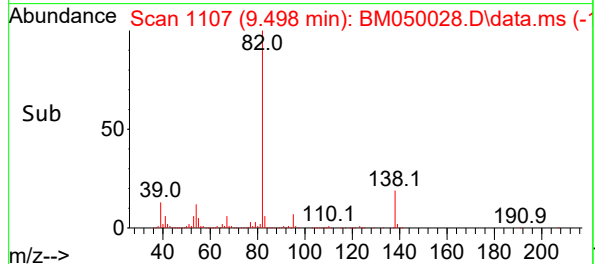
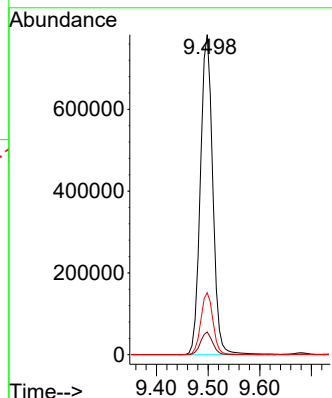
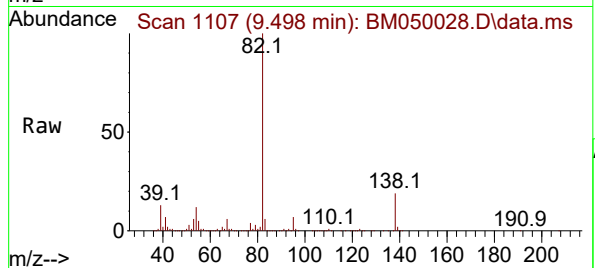




#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

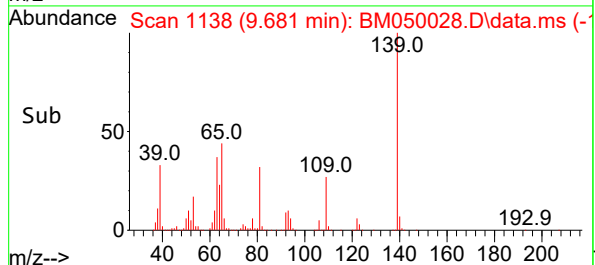
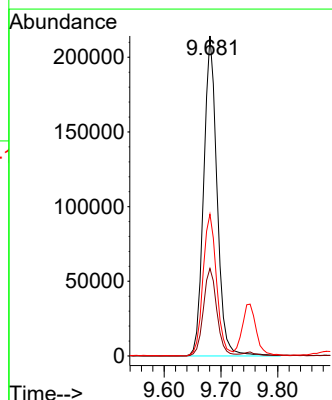
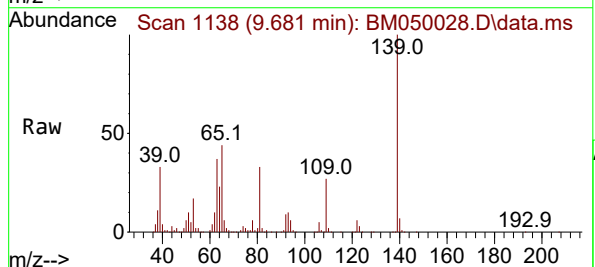
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

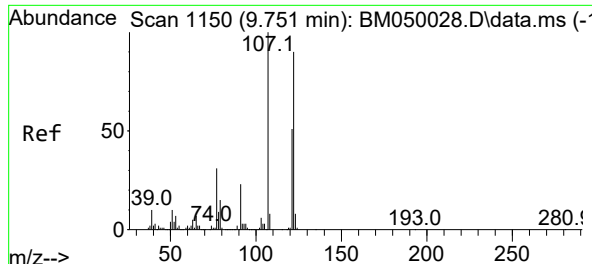
Tgt Ion: 82 Resp: 1298577
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.4 15.5 23.3



#26
2-Nitrophenol
Concen: 43.827 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 139 Resp: 349855
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 44.3 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 43.552 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

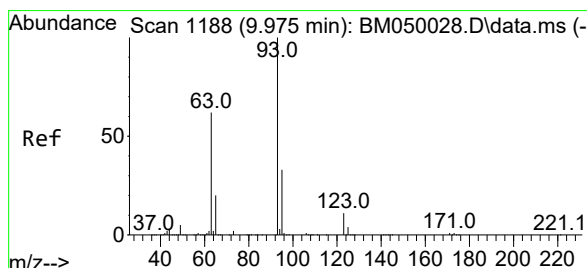
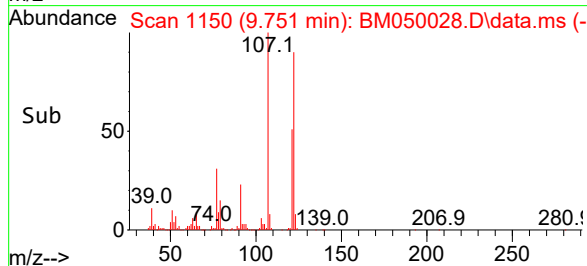
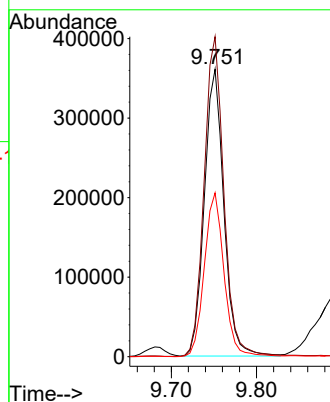
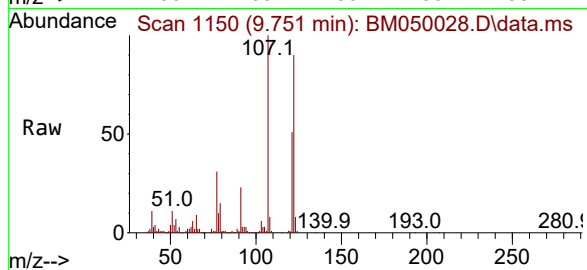
Tgt Ion:122 Resp: 576549

Ion Ratio Lower Upper

122 100

107 111.3 89.0 133.6

121 57.0 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.518 ng

RT: 9.975 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

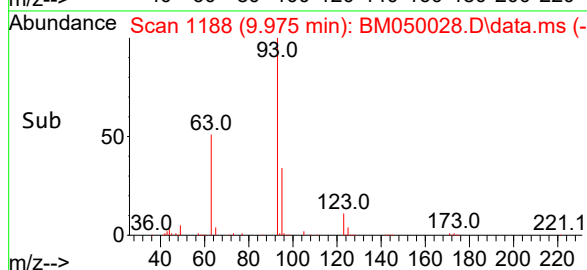
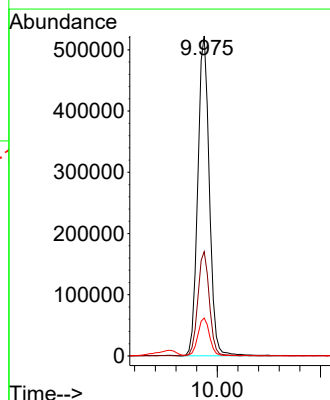
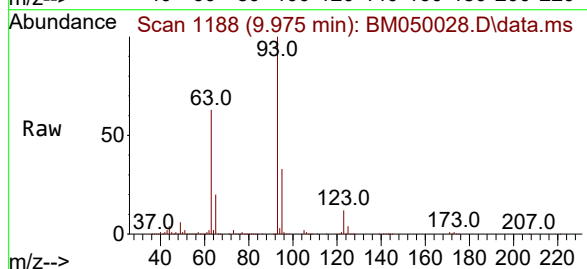
Tgt Ion: 93 Resp: 809528

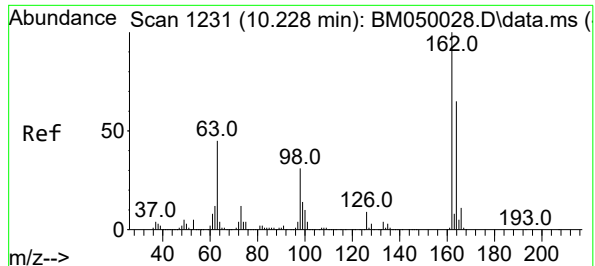
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.461 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

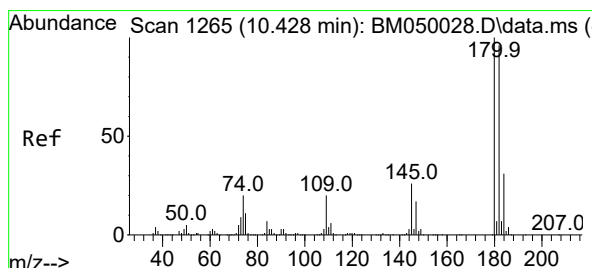
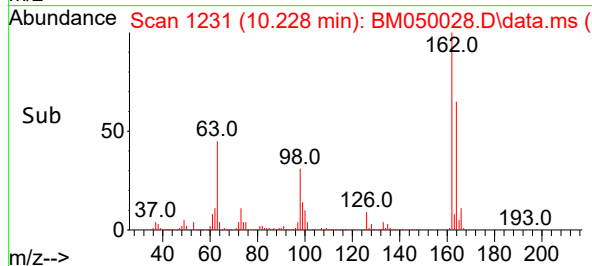
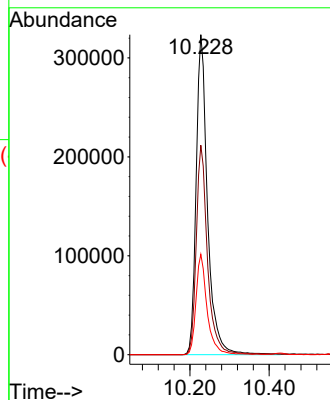
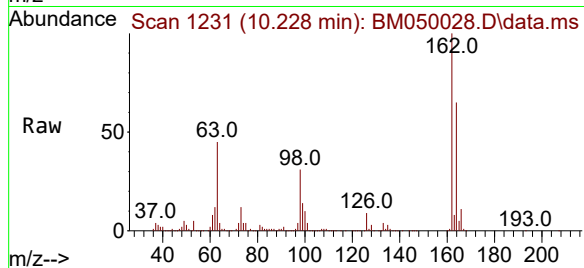
Tgt Ion:162 Resp: 644546

Ion Ratio Lower Upper

162 100

164 65.4 45.4 85.4

98 31.3 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.060 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

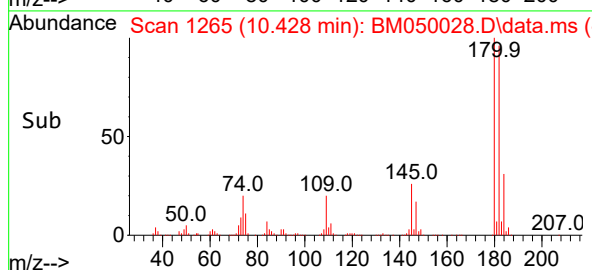
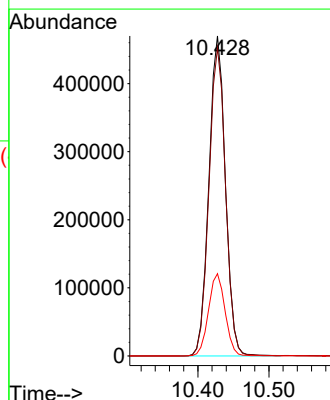
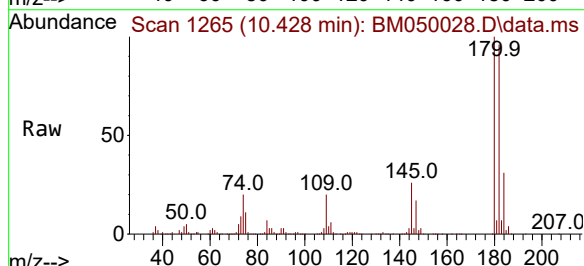
Tgt Ion:180 Resp: 759987

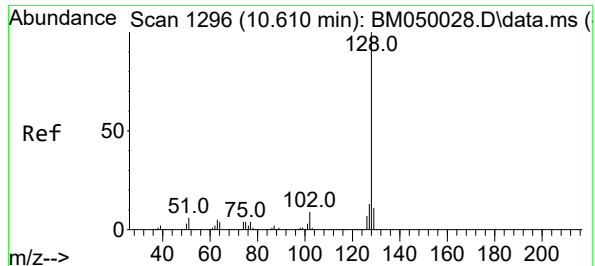
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 25.7 20.6 30.8

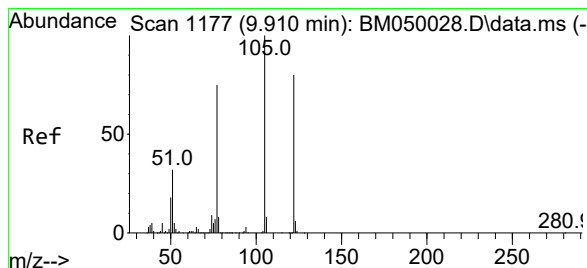
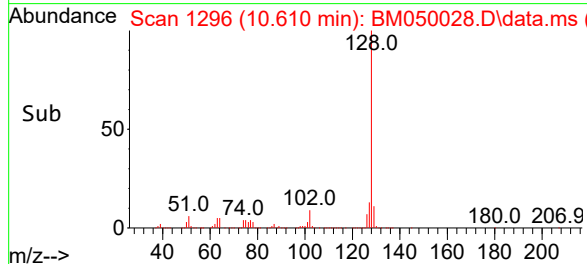
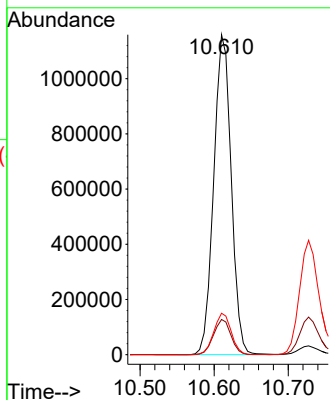
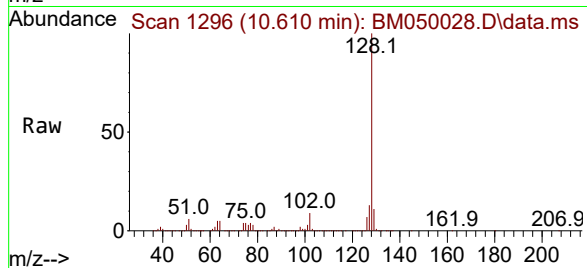




#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

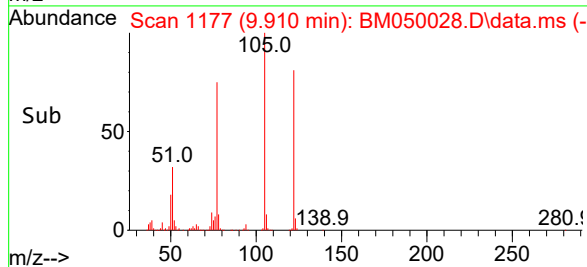
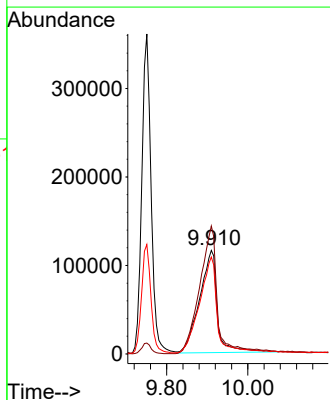
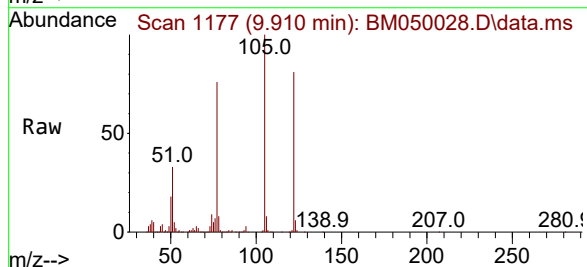
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

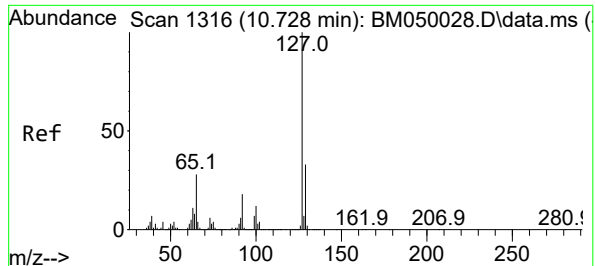
Tgt Ion:128 Resp: 1898588
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 41.613 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:122 Resp: 351345
Ion Ratio Lower Upper
122 100
105 123.6 103.6 143.6
77 93.7 73.7 113.7

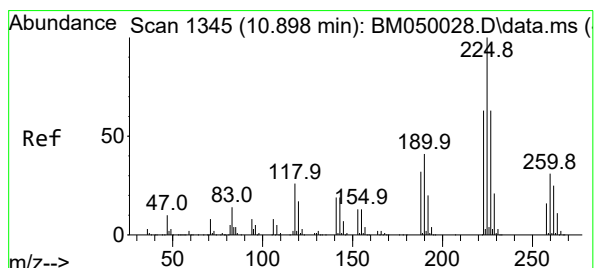
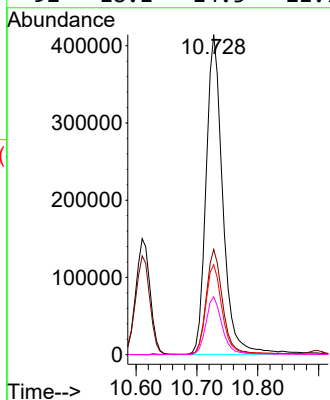
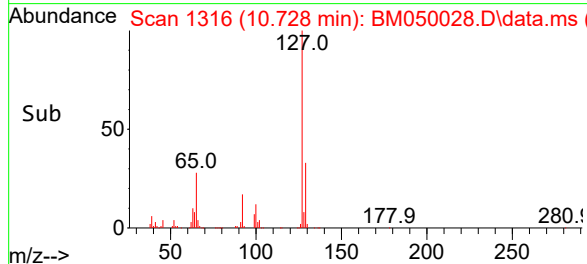
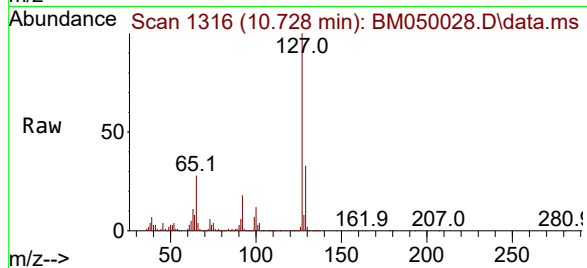




#33
4-Chloroaniline
Concen: 42.448 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

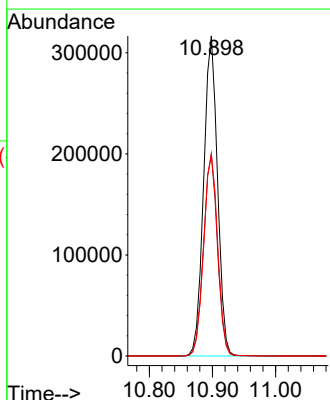
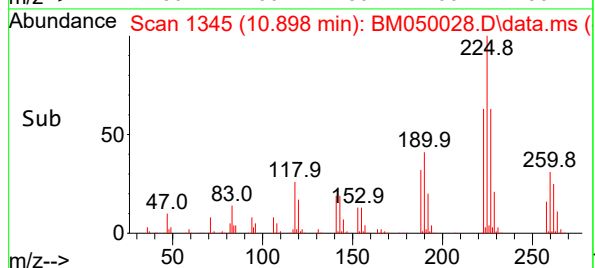
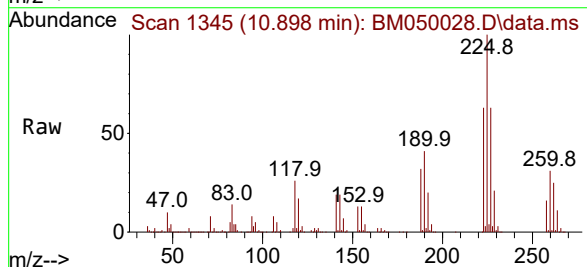
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

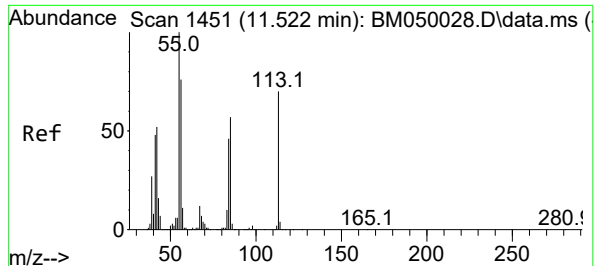
Tgt Ion:	127	Resp:	784625
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.1	22.5	33.7
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.981 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:	225	Resp:	481510
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.3	50.6	76.0

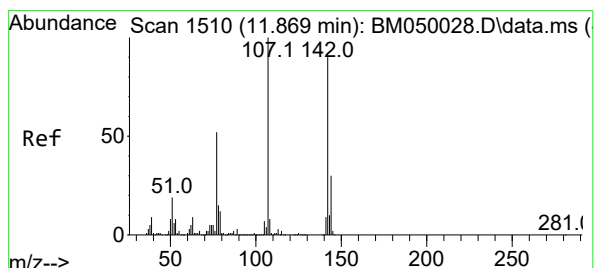
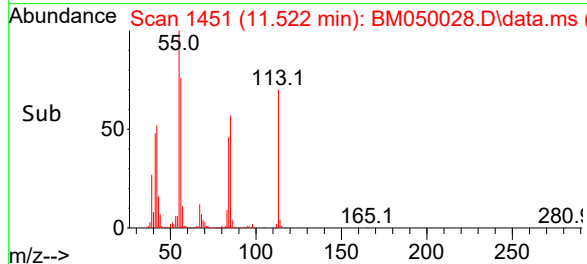
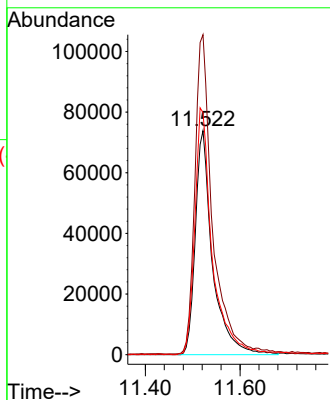
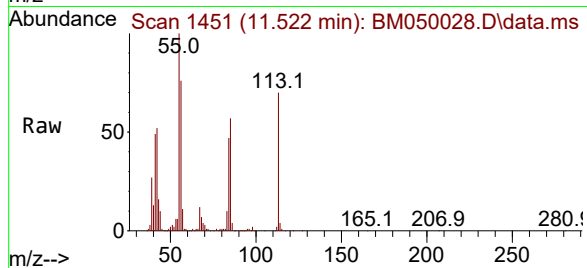




#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

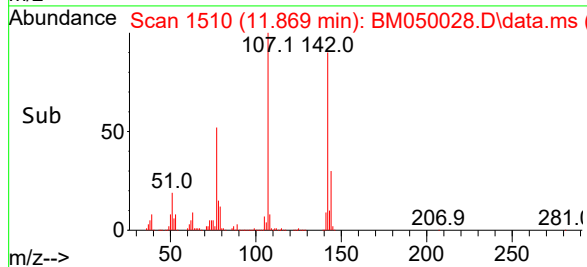
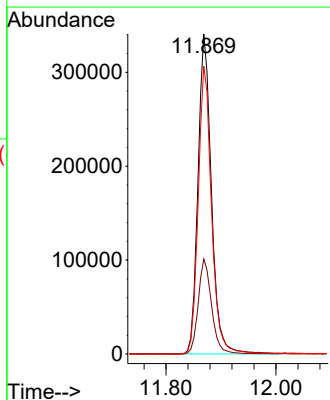
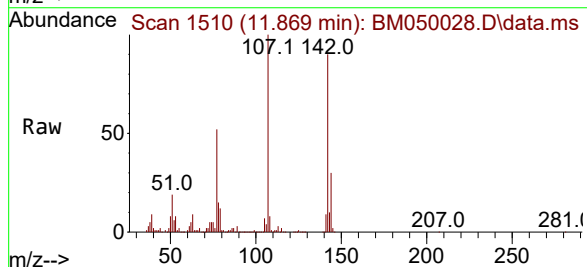
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

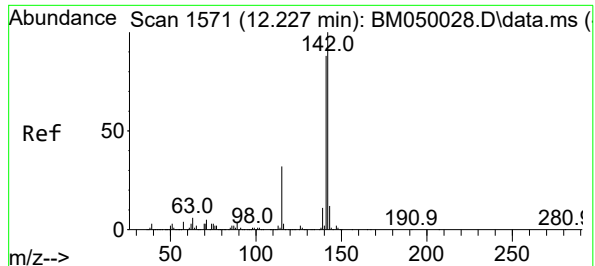
Tgt Ion:113 Resp: 185984
Ion Ratio Lower Upper
113 100
55 142.9 122.9 162.9
56 108.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.293 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 579492
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 89.9 71.9 107.9

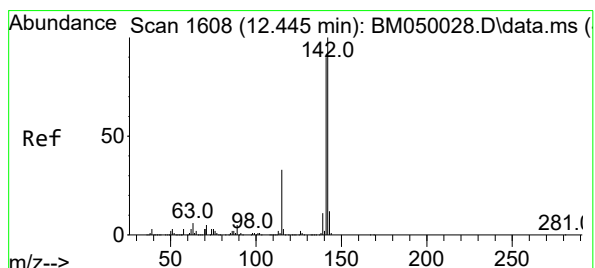
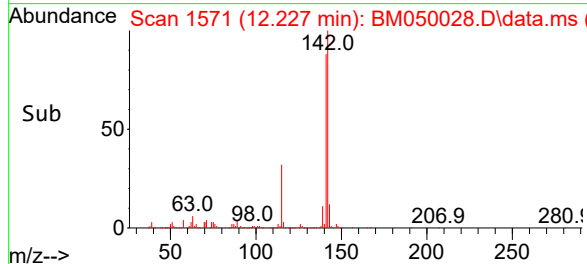
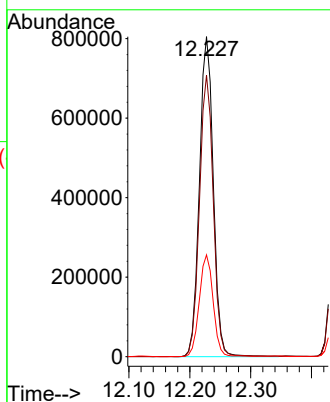
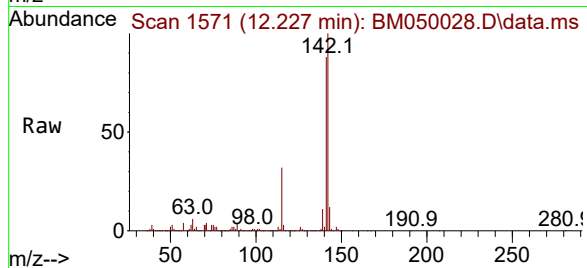




#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

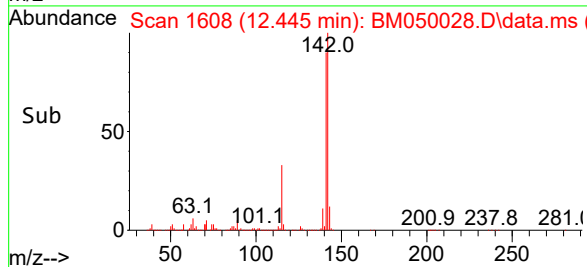
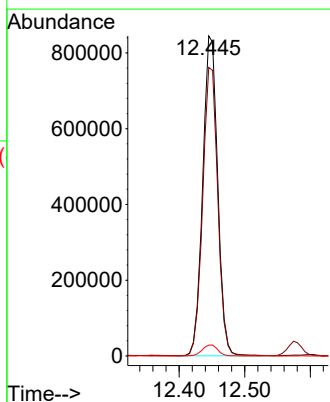
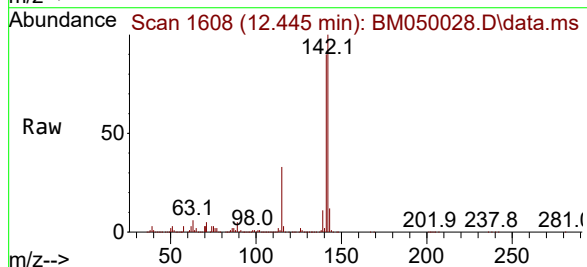
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

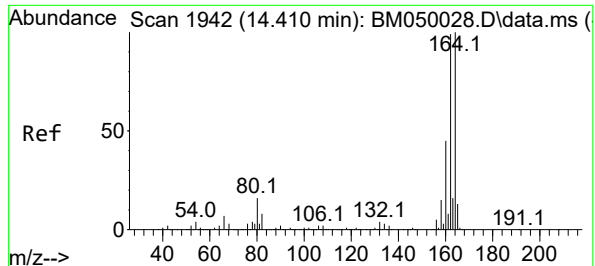
Tgt Ion:142 Resp: 1269061
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.928 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:142 Resp: 1341577
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

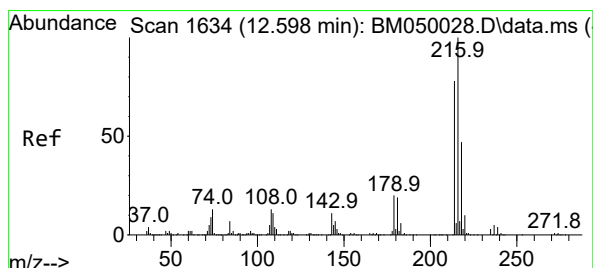
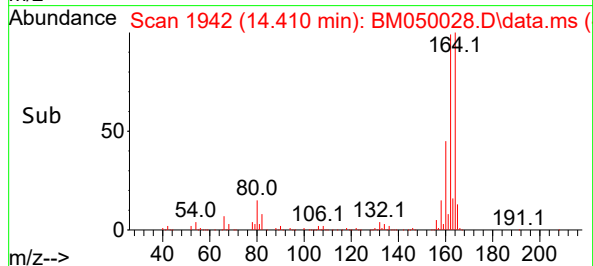
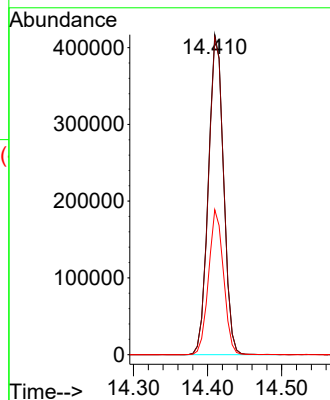
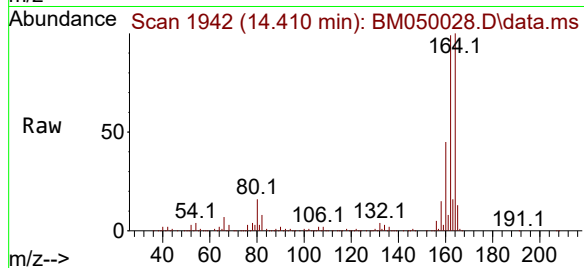
Tgt Ion:164 Resp: 591599

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.894 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

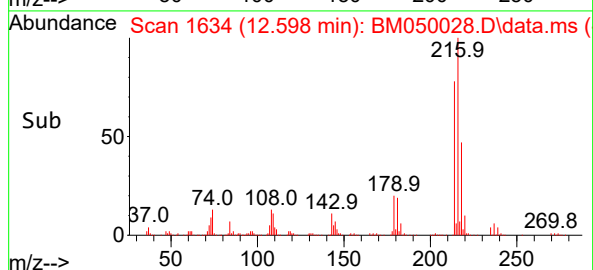
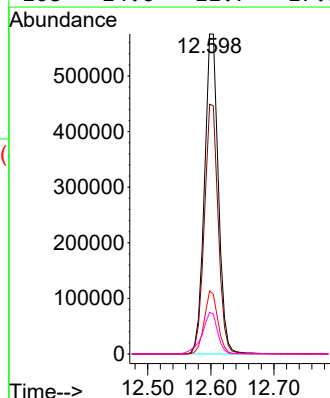
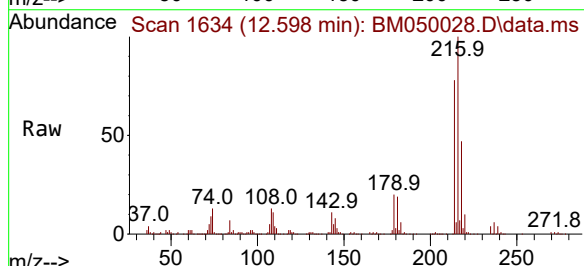
Ion Ratio Lower Upper

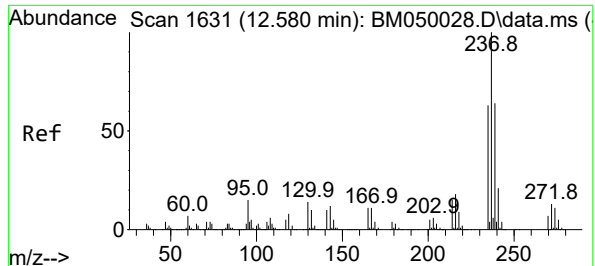
216 100

214 77.9 62.3 93.5

179 19.2 15.4 23.0

108 14.6 11.7 17.5

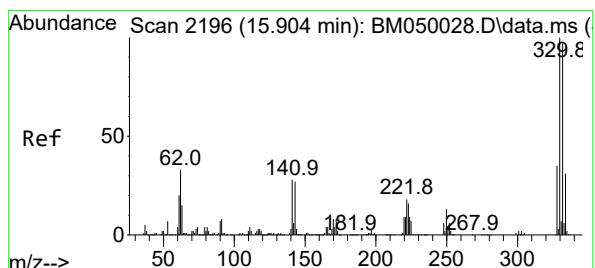
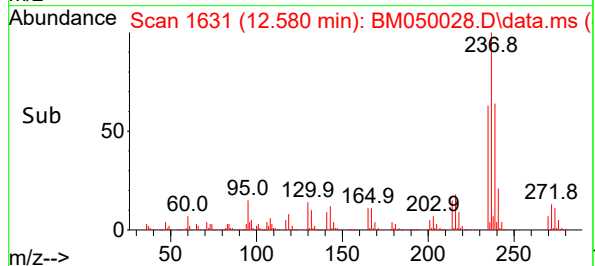
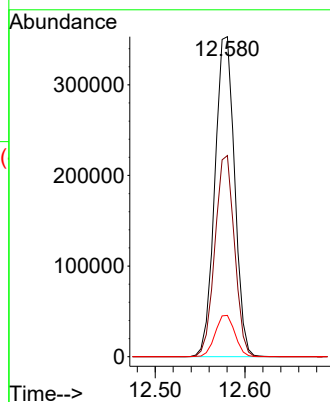
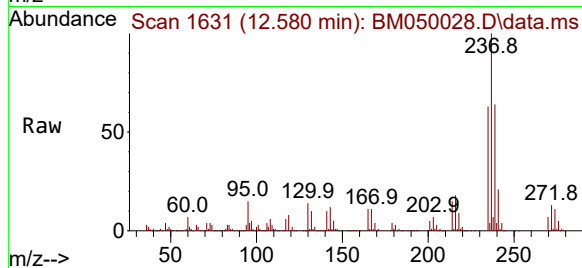




#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

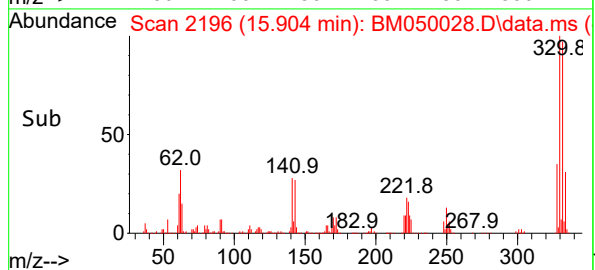
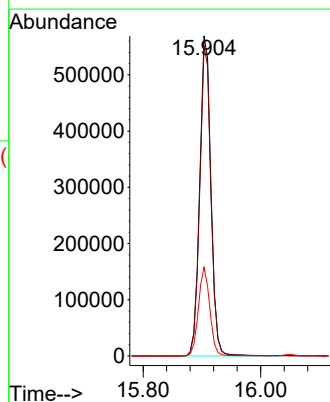
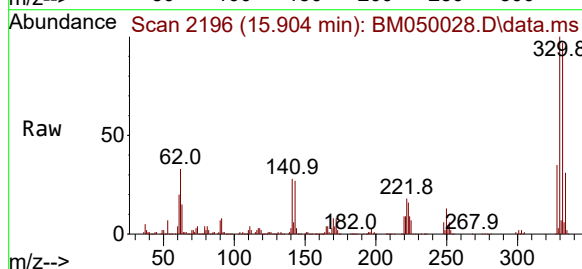
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

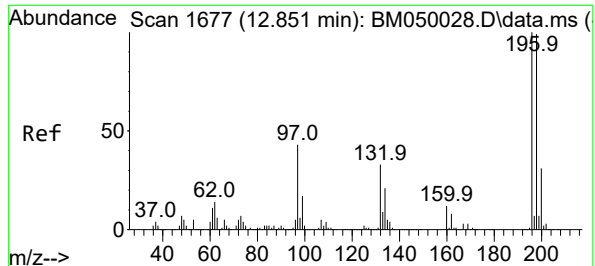
Tgt Ion:237 Resp: 538788
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:330 Resp: 751927
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 28.1 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 43.368 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

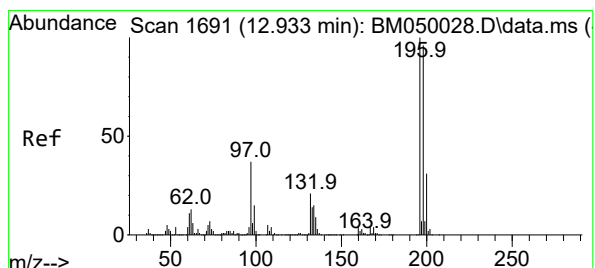
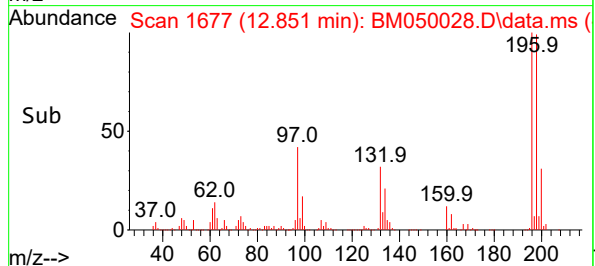
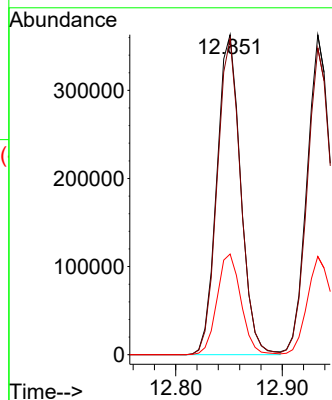
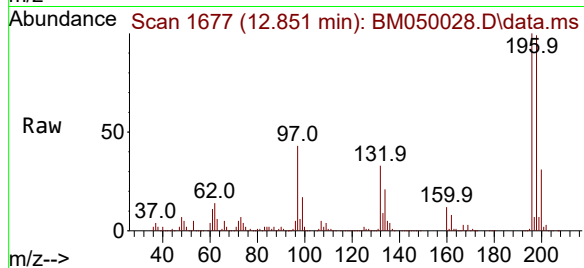
Tgt Ion:196 Resp: 563324

Ion Ratio Lower Upper

196 100

198 98.8 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.706 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

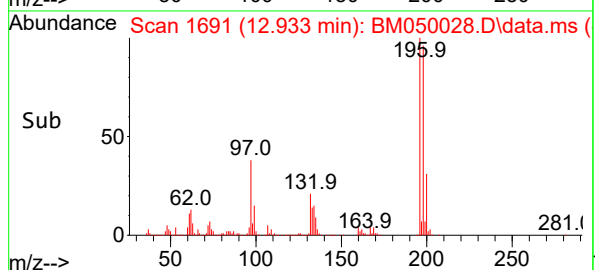
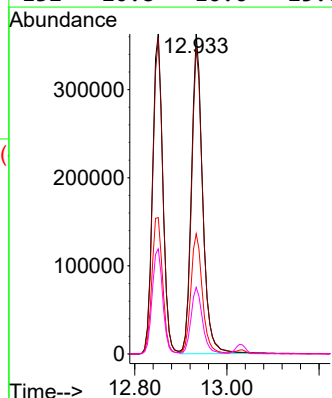
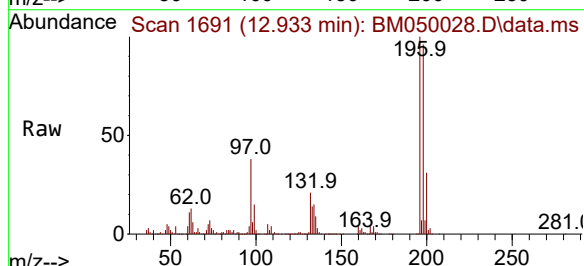
Ion Ratio Lower Upper

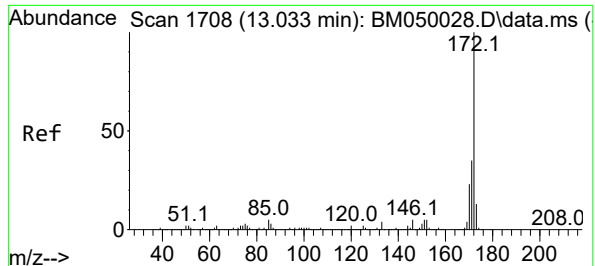
196 100

198 95.9 76.7 115.1

97 37.6 30.1 45.1

132 20.8 16.6 25.0

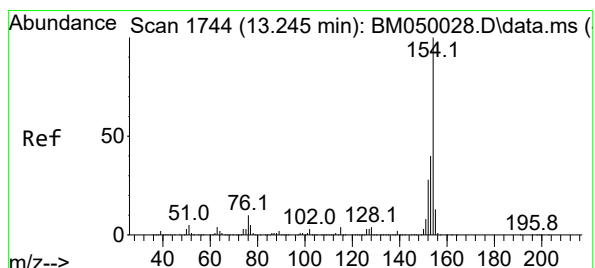
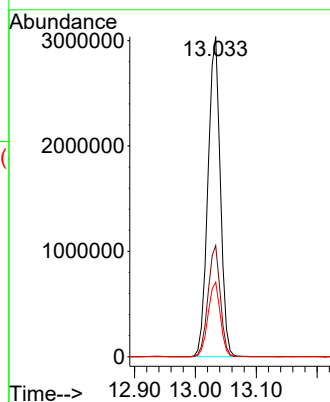
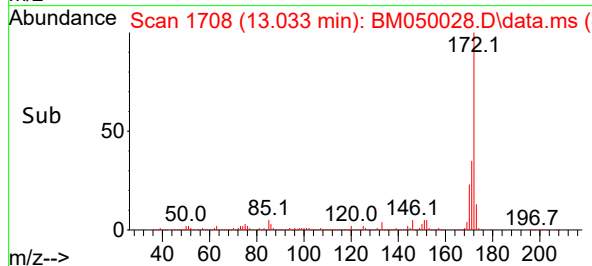
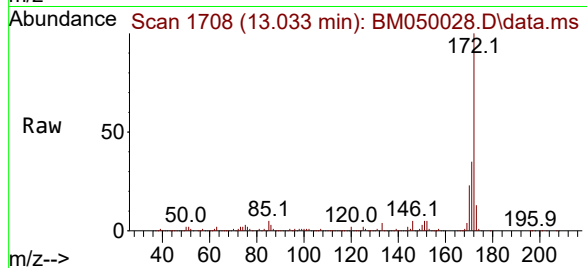




#45
2-Fluorobiphenyl
Concen: 85.489 ng
RT: 13.033 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

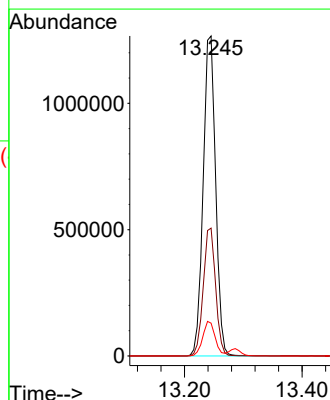
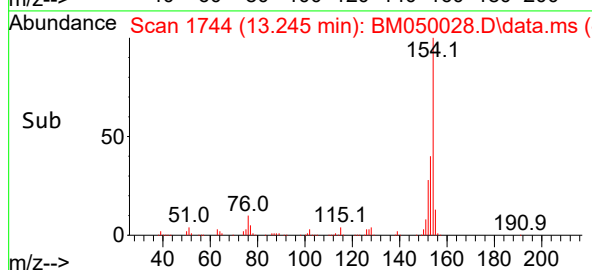
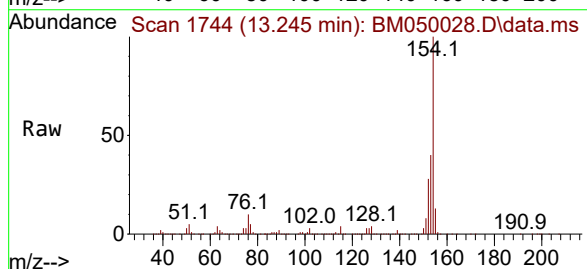
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

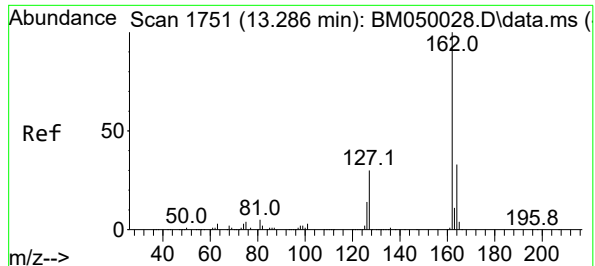
Tgt Ion:172 Resp: 4275240
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.309 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1860581
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.480 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

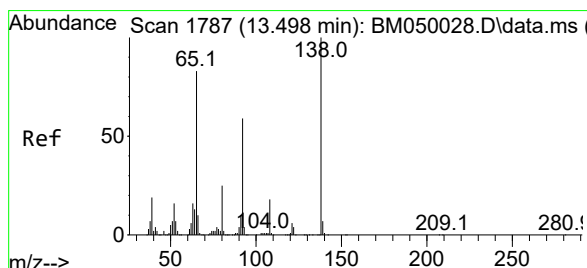
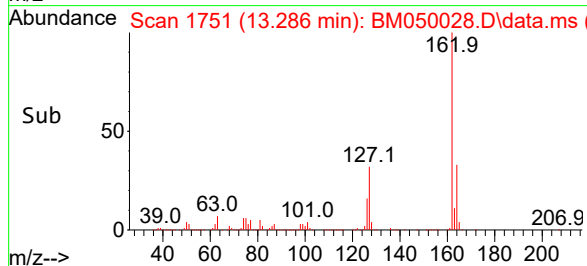
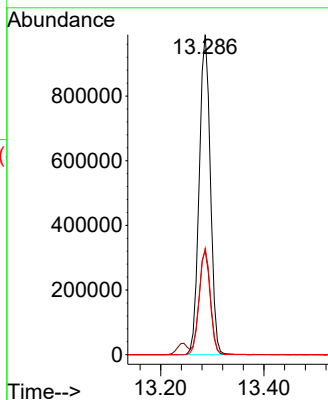
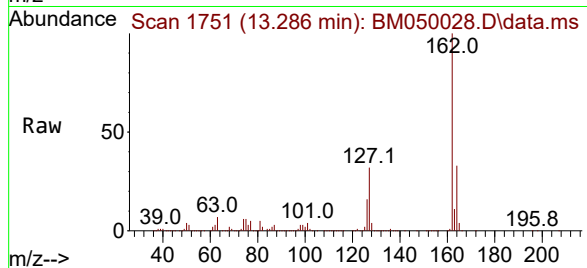
Tgt Ion:162 Resp: 1479560

Ion Ratio Lower Upper

162 100

127 32.4 25.9 38.9

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 43.684 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

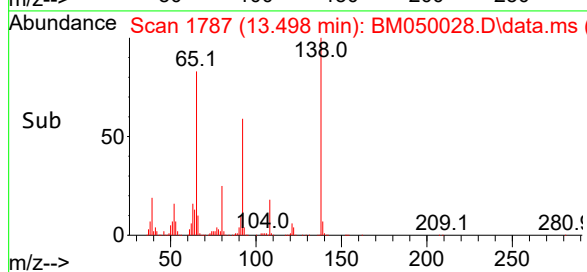
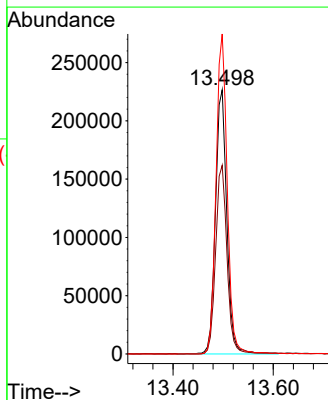
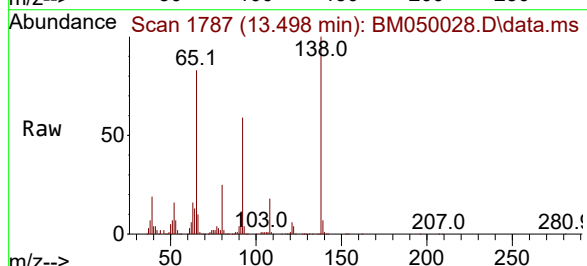
Tgt Ion: 65 Resp: 357098

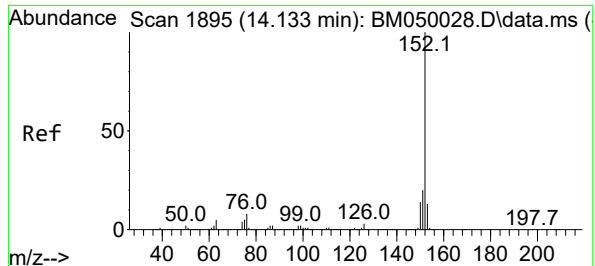
Ion Ratio Lower Upper

65 100

92 71.4 57.1 85.7

138 121.2 97.0 145.4

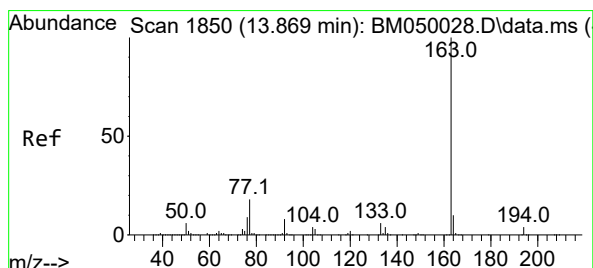
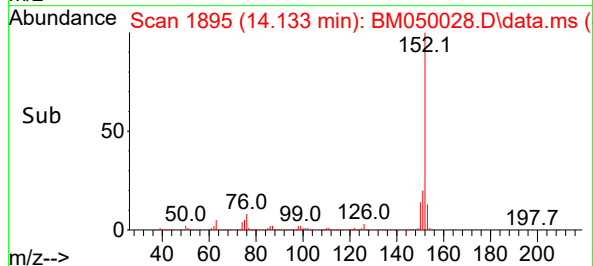
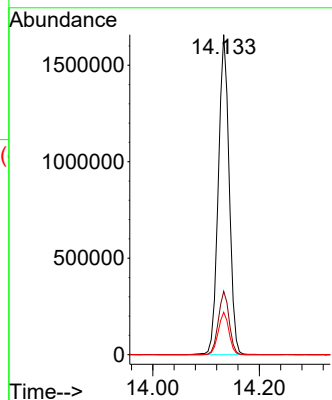
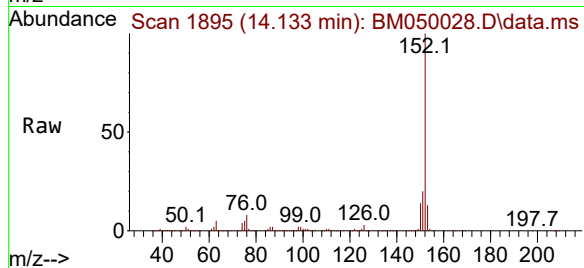




#49
Acenaphthylene
Concen: 42.478 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

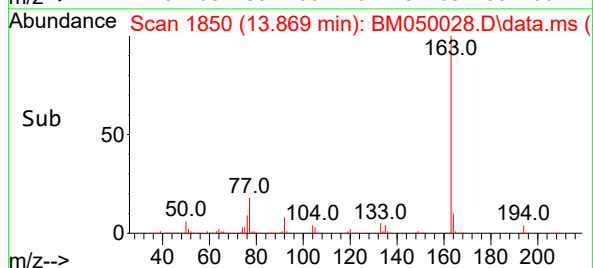
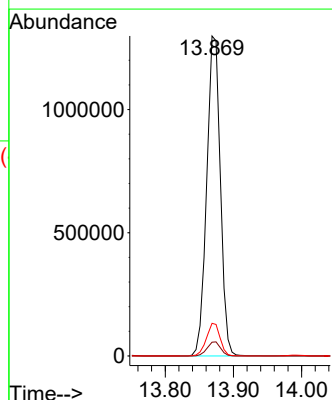
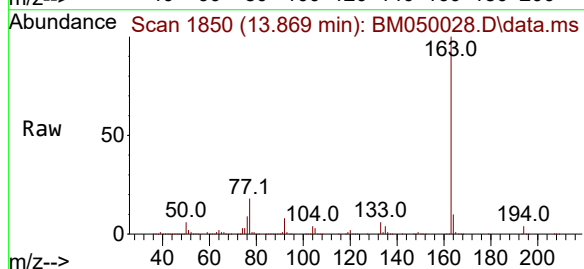
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

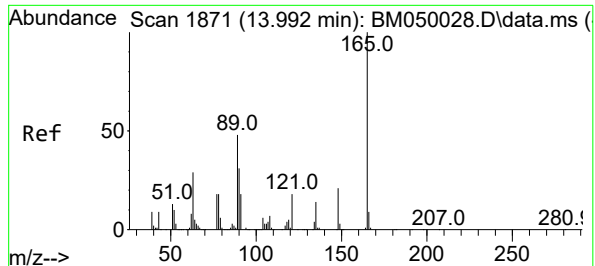
Tgt Ion:152 Resp: 2332675
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 41.918 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:163 Resp: 1812335
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2

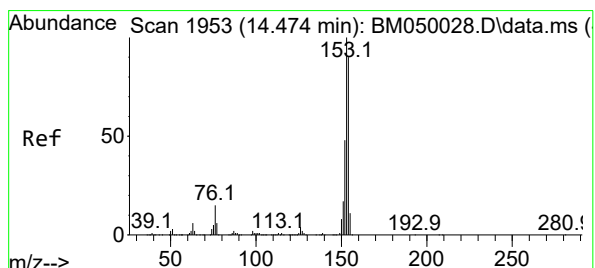
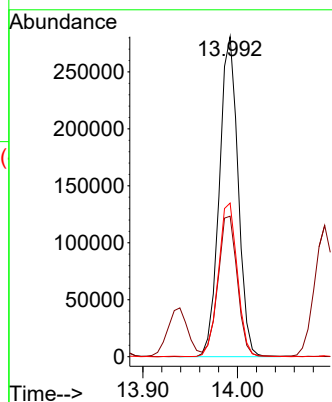
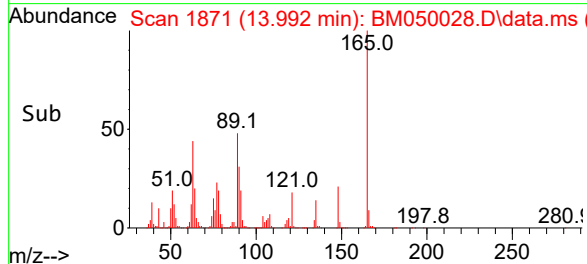
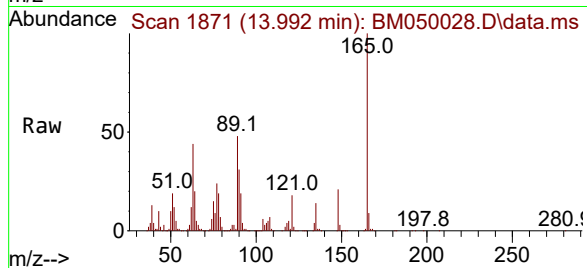




#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

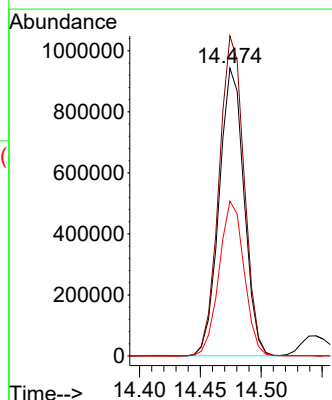
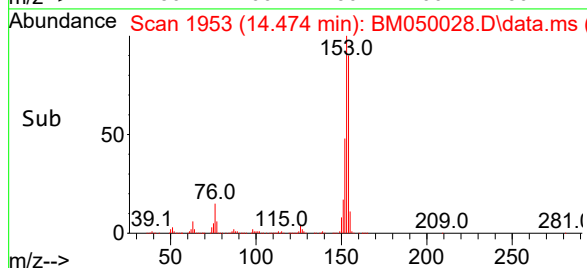
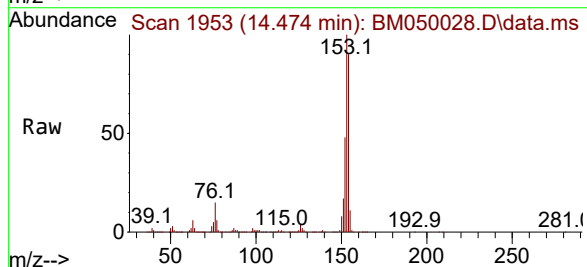
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

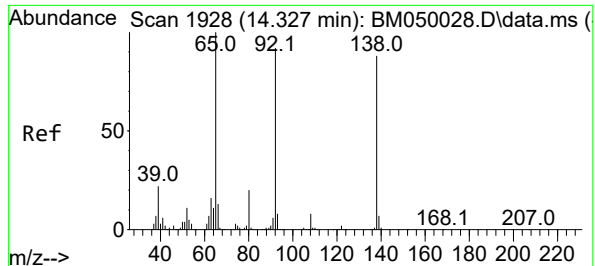
Tgt Ion:165 Resp: 386623
Ion Ratio Lower Upper
165 100
63 43.9 35.1 52.7
89 48.0 38.4 57.6



#52
Acenaphthene
Concen: 42.186 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1340946
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 53.8 43.0 64.6

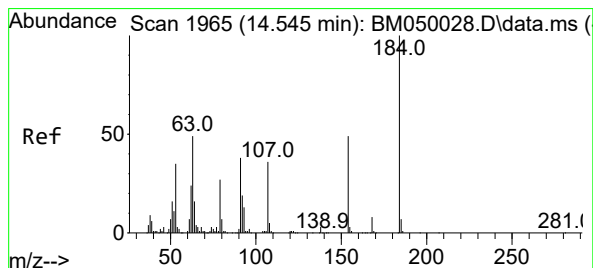
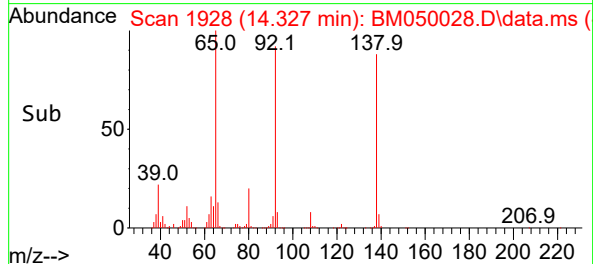
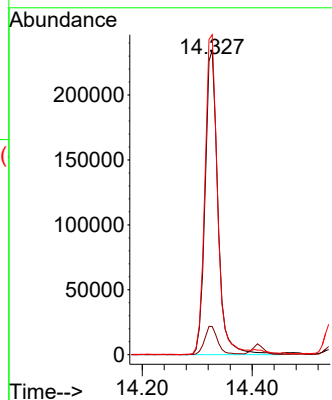
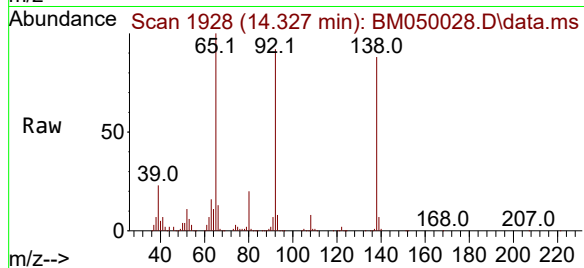




#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

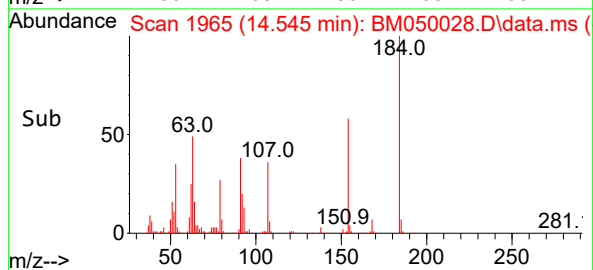
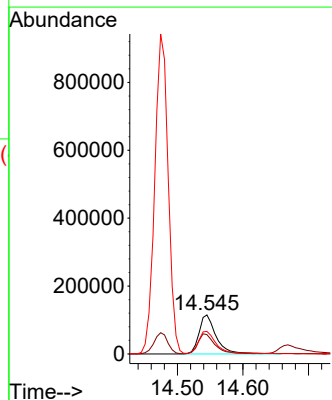
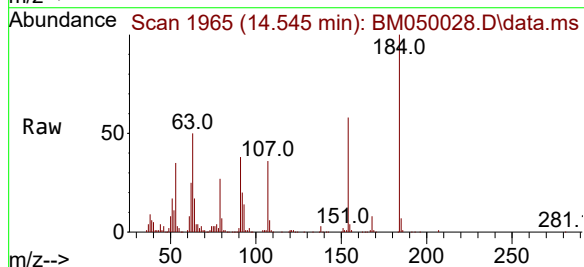
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

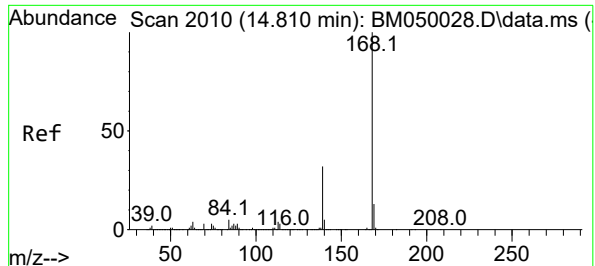
Tgt Ion:138 Resp: 379359
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 105.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 39.788 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:184 Resp: 210115
Ion Ratio Lower Upper
184 100
63 49.7 39.8 59.6
154 57.6 46.1 69.1





#55

Dibenzenofuran

Concen: 41.961 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

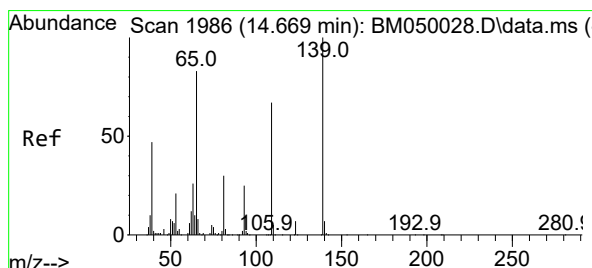
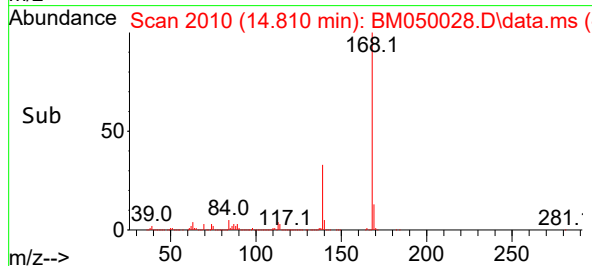
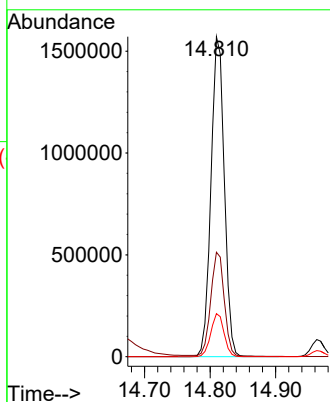
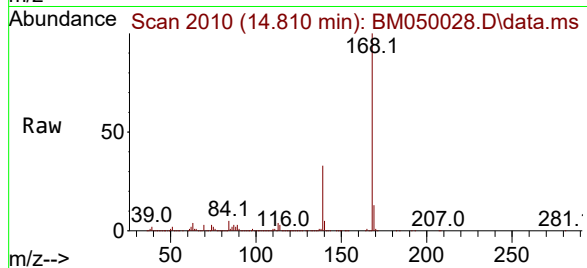
Tgt Ion:168 Resp: 2219206

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.483 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.001 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

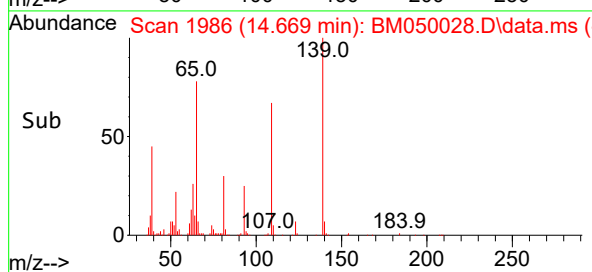
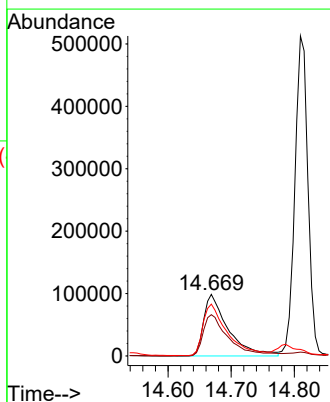
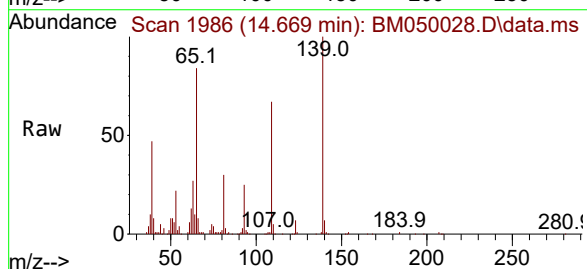
Tgt Ion:139 Resp: 264964

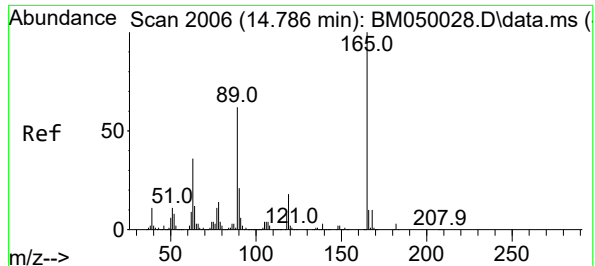
Ion Ratio Lower Upper

139 100

109 67.0 47.0 87.0

65 84.3 64.3 104.3

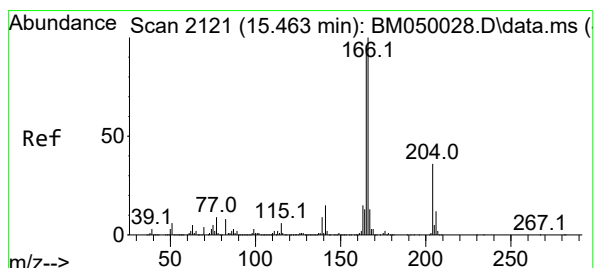
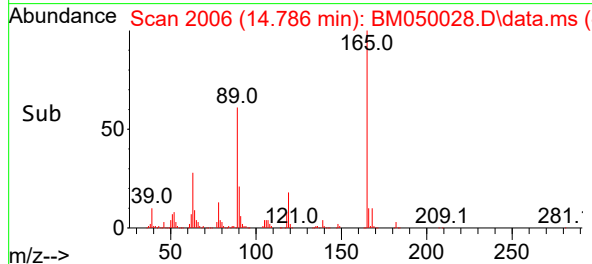
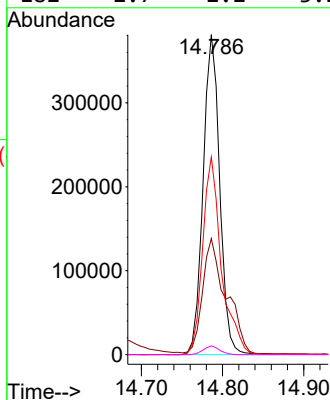
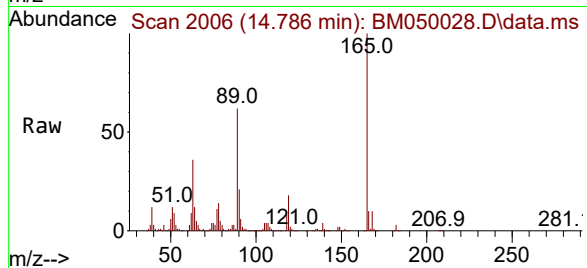




#57
2,4-Dinitrotoluene
Concen: 43.646 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

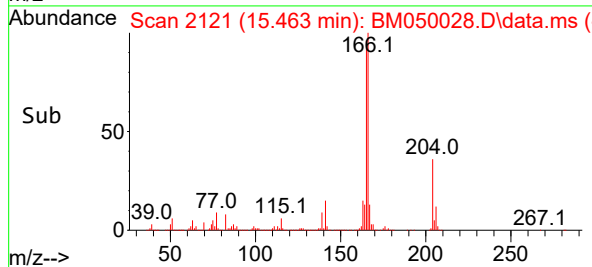
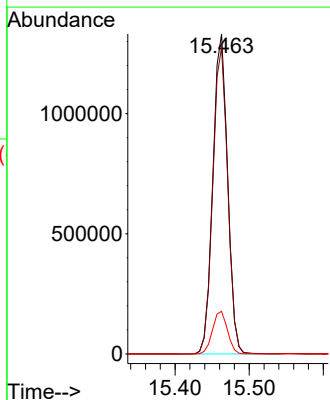
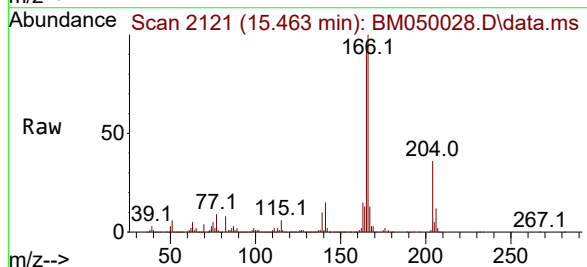
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

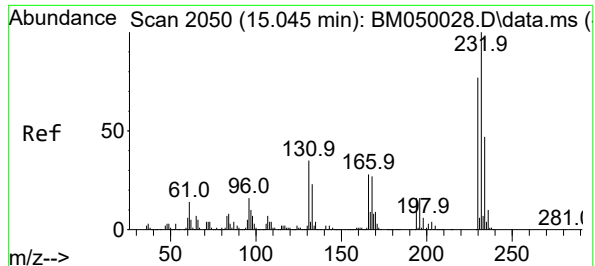
Tgt Ion:165 Resp: 539867
Ion Ratio Lower Upper
165 100
63 36.3 29.0 43.6
89 61.8 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.580 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:166 Resp: 1843261
Ion Ratio Lower Upper
166 100
165 95.8 76.6 115.0
167 13.3 10.6 16.0

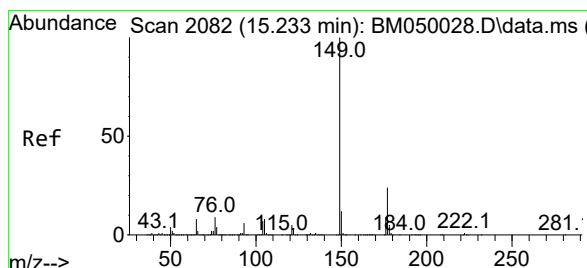
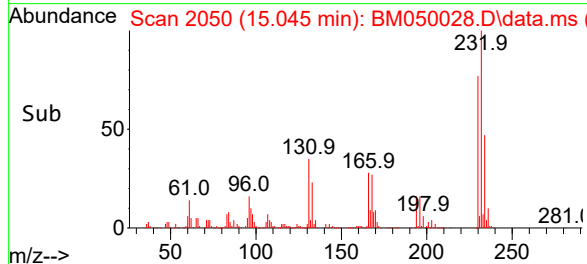
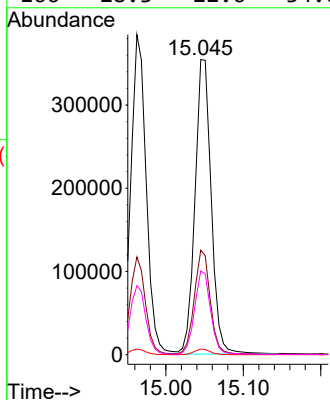
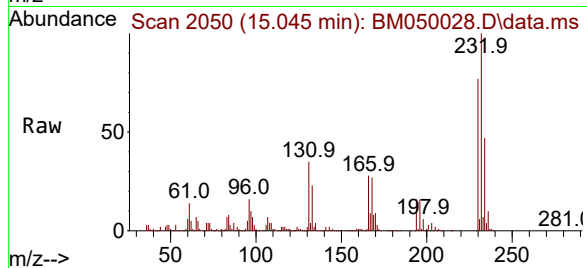




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

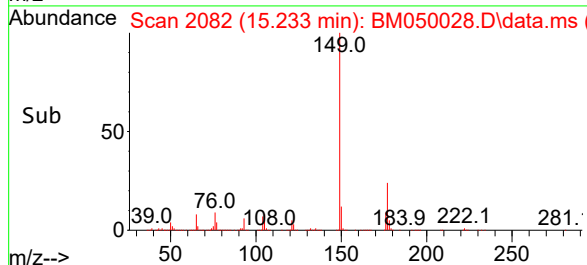
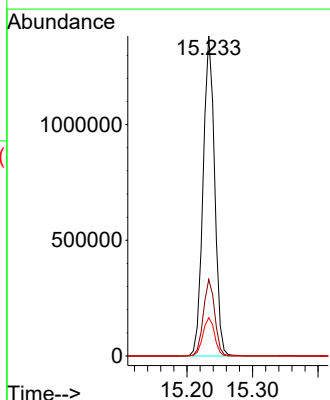
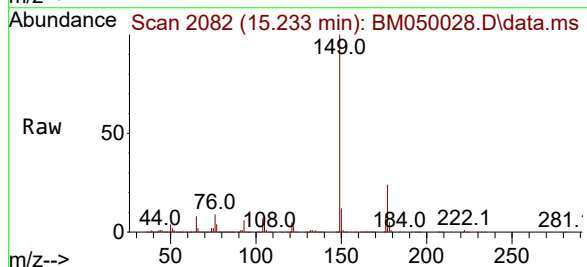
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

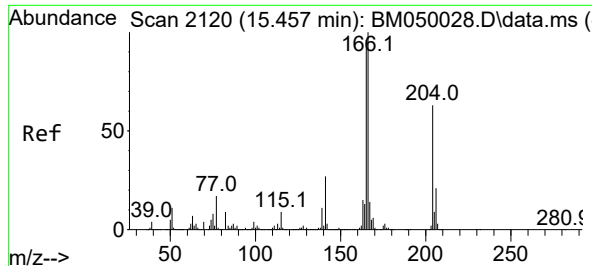
Tgt Ion:232 Resp: 514644
Ion Ratio Lower Upper
232 100
131 35.3 28.2 42.4
130 1.9 1.5 2.3
166 28.3 22.6 34.0



#60
Diethylphthalate
Concen: 41.631 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1696013
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 12.0 9.6 14.4

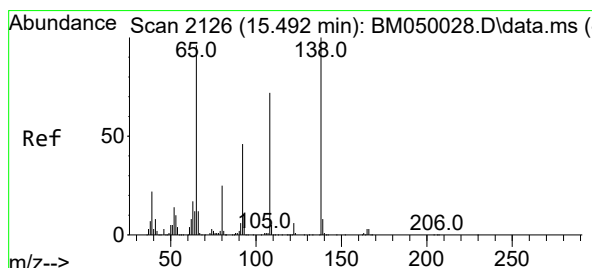
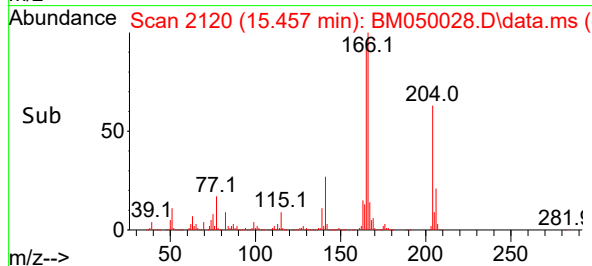
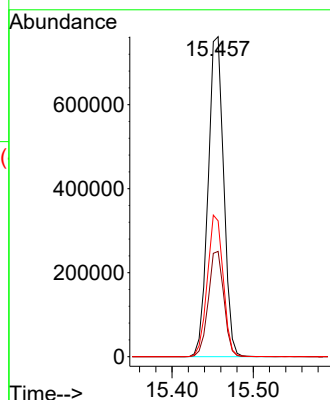
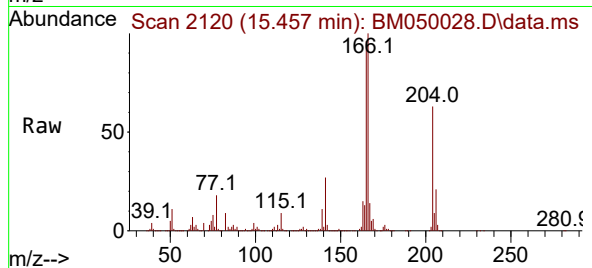




#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

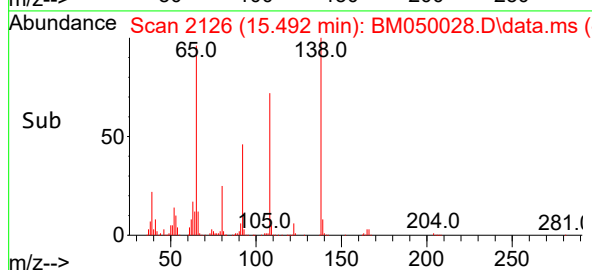
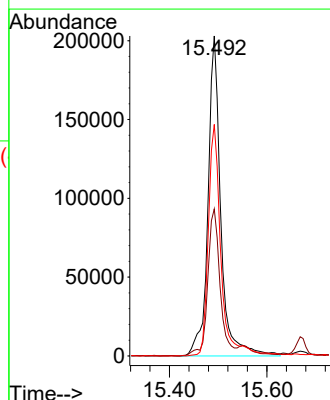
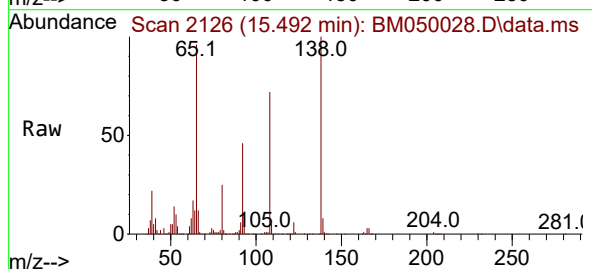
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

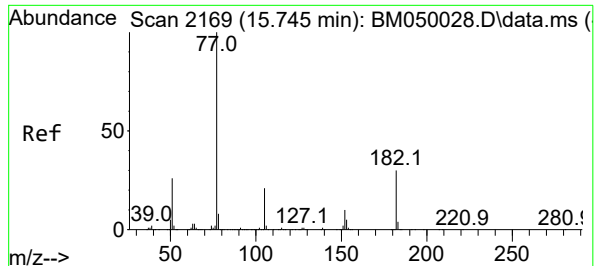
Tgt Ion:204 Resp: 1014134
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 42.5 34.0 51.0



#62
4-Nitroaniline
Concen: 44.949 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:138 Resp: 370884
Ion Ratio Lower Upper
138 100
92 45.9 25.9 65.9
108 72.4 52.4 92.4

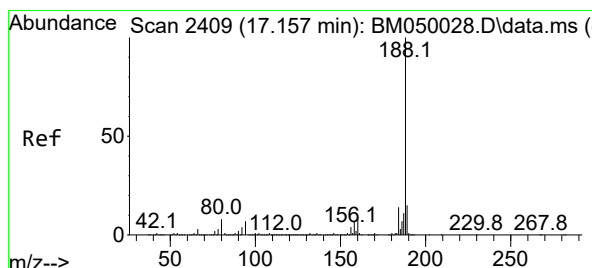
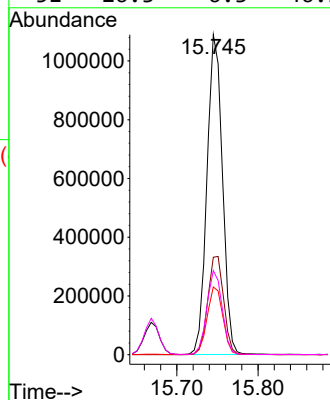
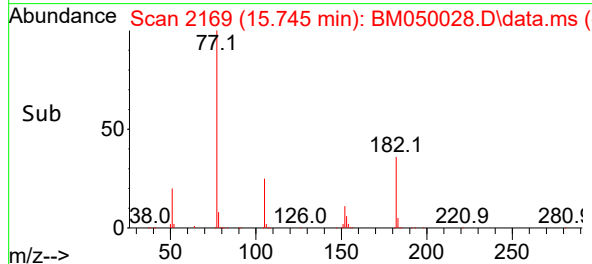
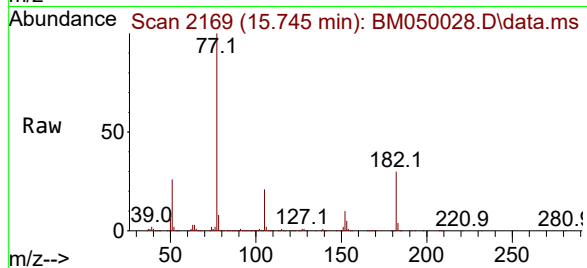




#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

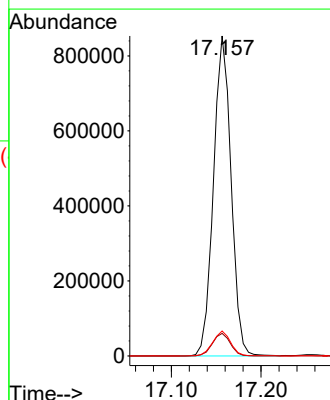
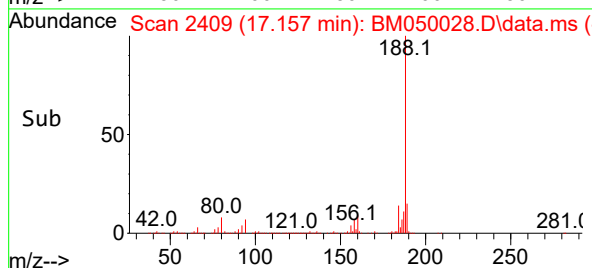
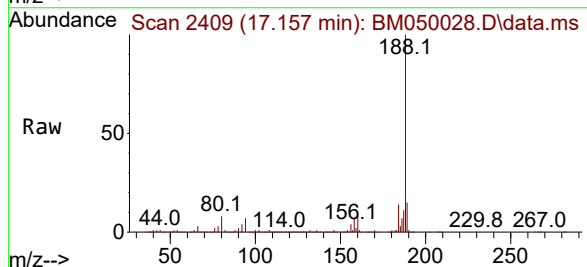
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

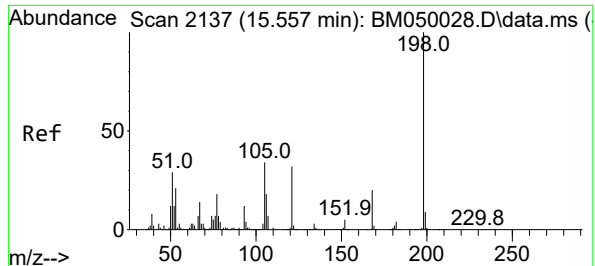
Tgt Ion: 77 Resp: 1439085
Ion Ratio Lower Upper
77 100
182 30.5 10.5 50.5
105 21.1 1.1 41.1
51 26.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 188 Resp: 1163791
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.8 6.2 9.4

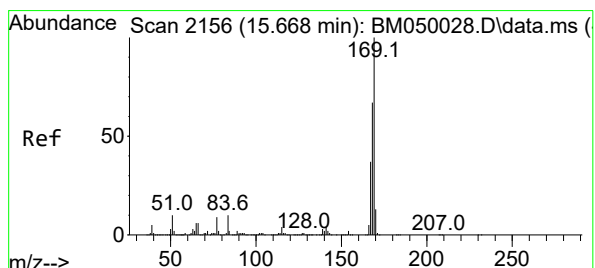
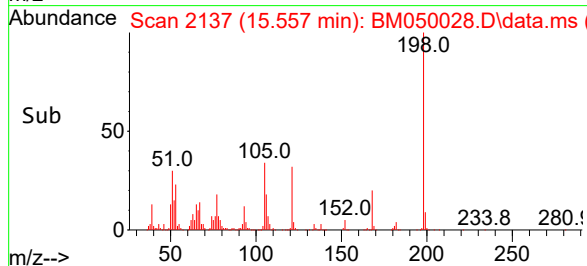
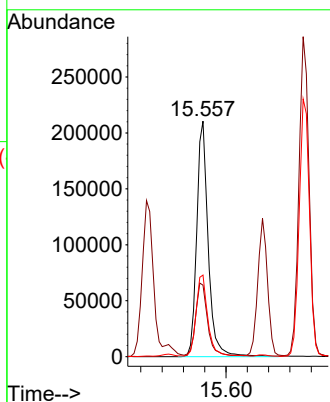
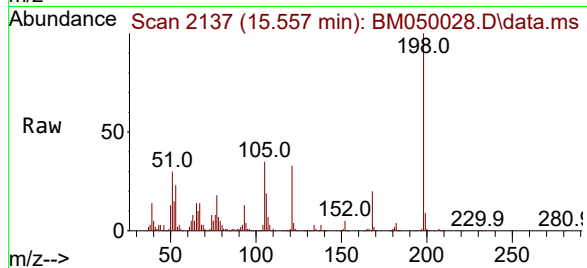




#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

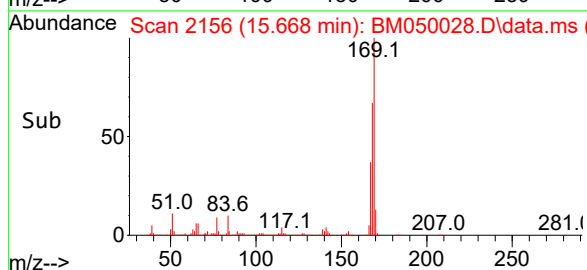
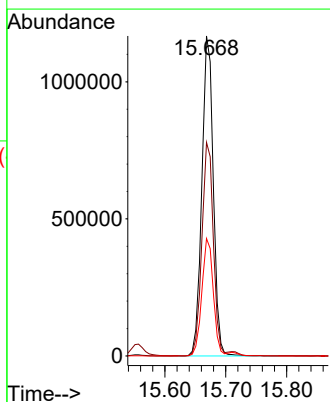
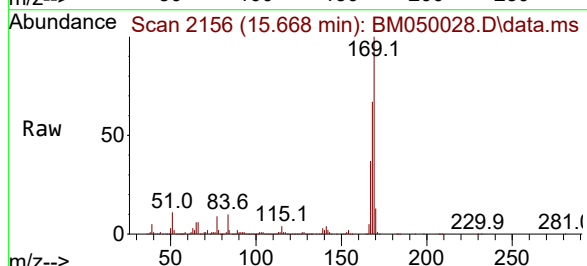
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

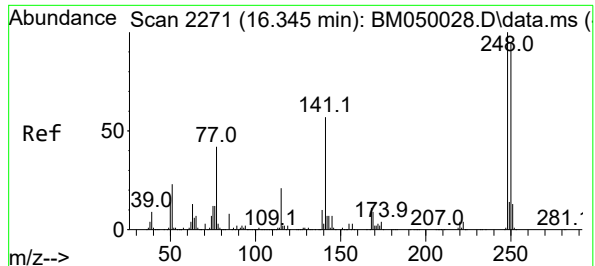
Tgt Ion:198 Resp: 315113
Ion Ratio Lower Upper
198 100
51 30.4 10.4 50.4
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.7 29.4 44.0

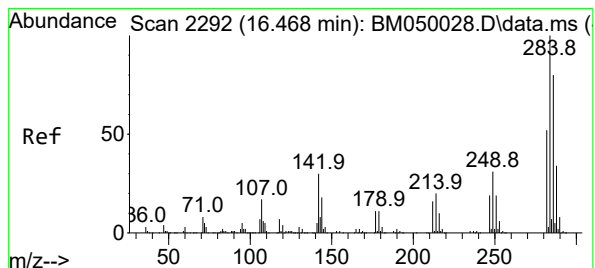
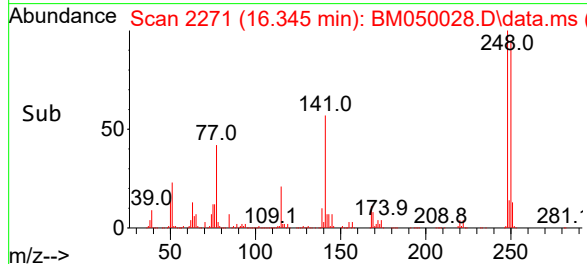
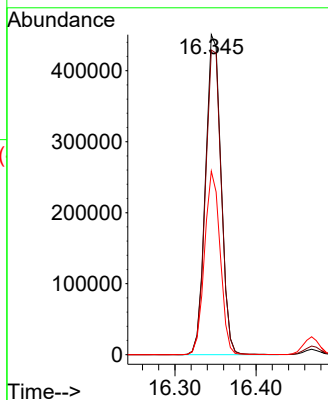
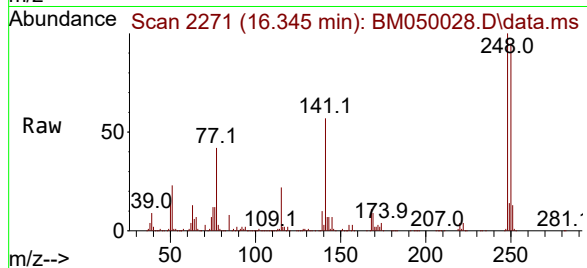




#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

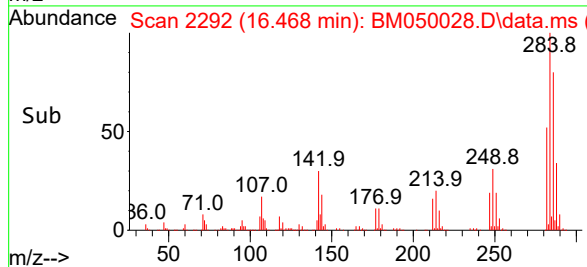
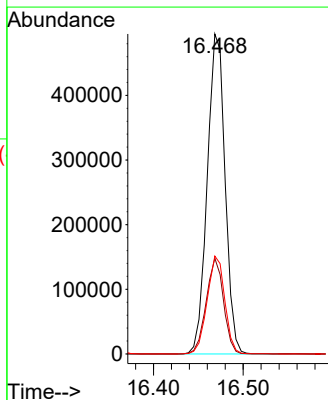
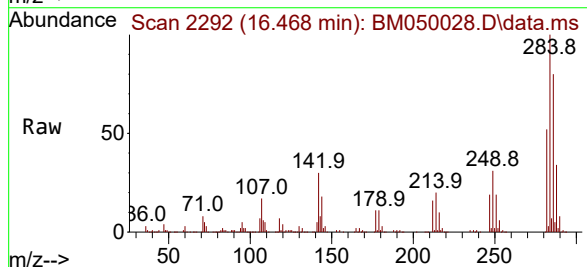
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

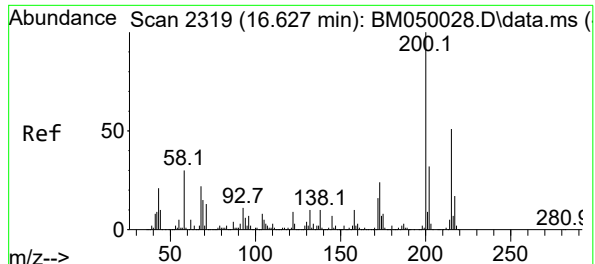
Tgt Ion:248 Resp: 600373
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.2
141 57.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 30.6 24.5 36.7

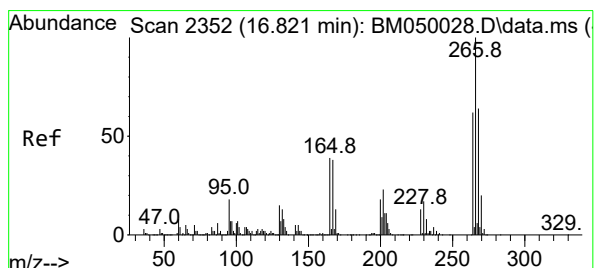
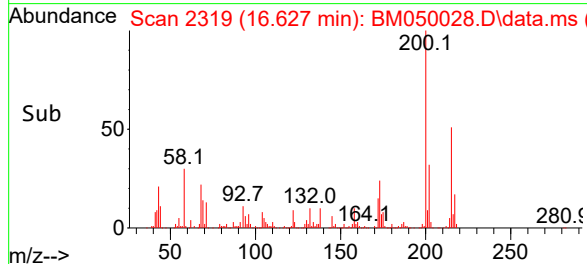
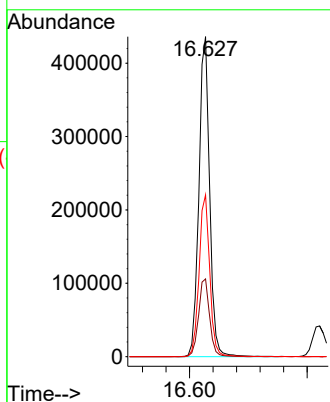
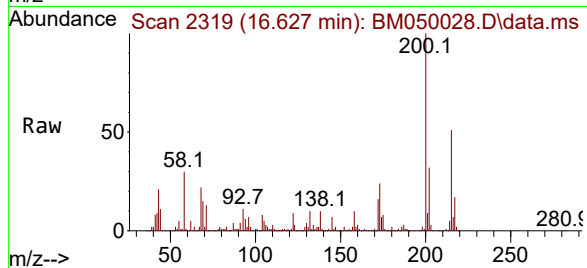




#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

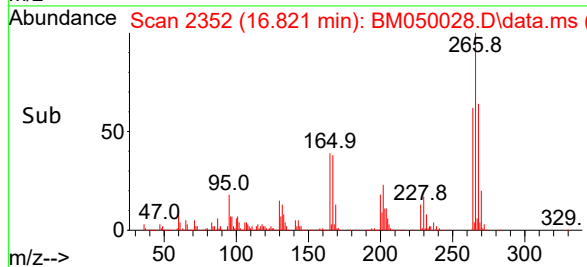
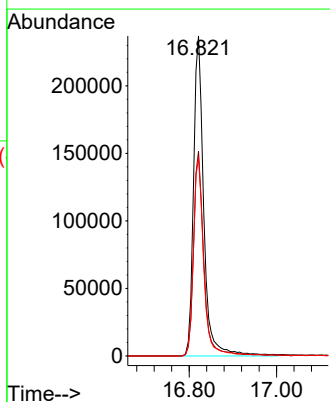
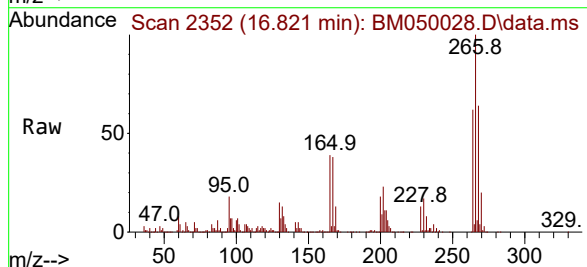
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

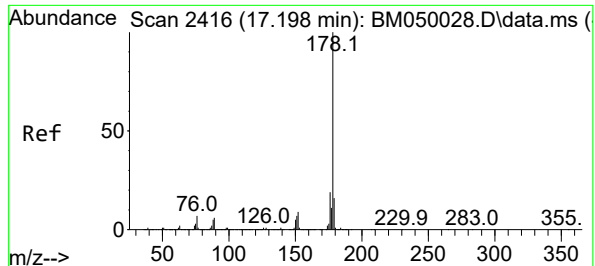
Tgt Ion:200 Resp: 550018
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 50.6 30.6 70.6



#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613
Ion Ratio Lower Upper
266 100
268 64.0 51.2 76.8
264 62.0 49.6 74.4

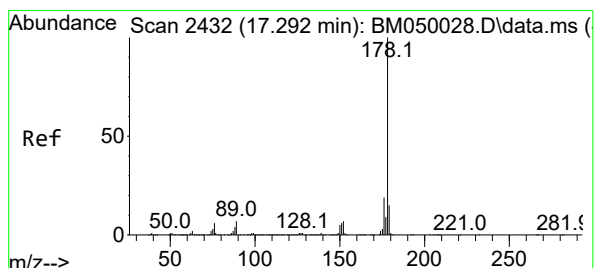
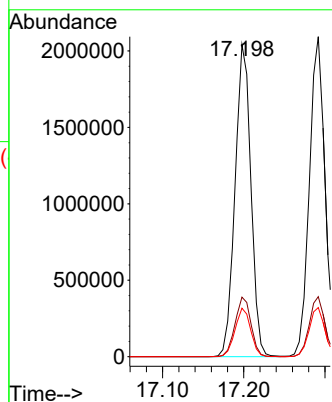
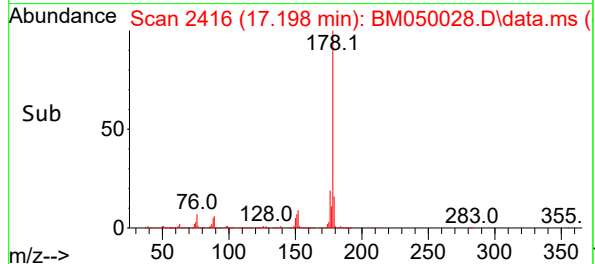
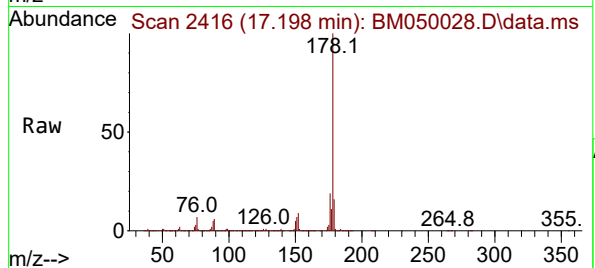




#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

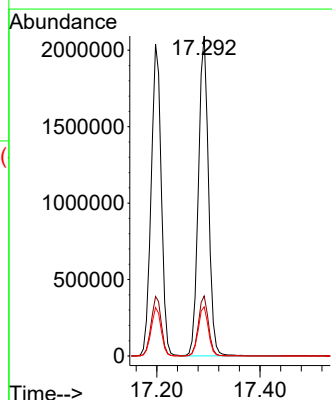
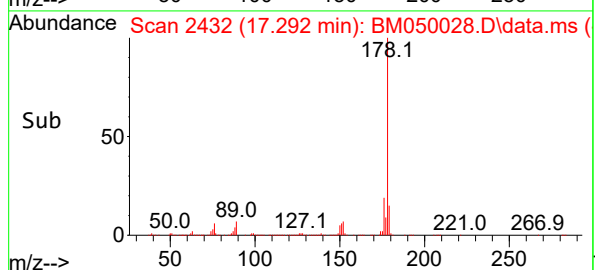
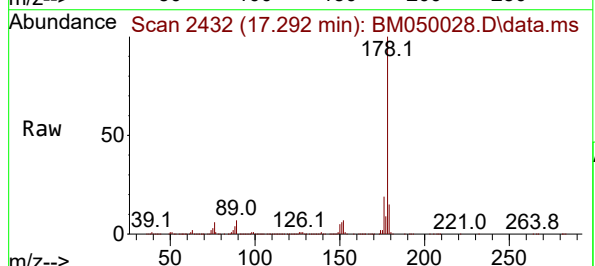
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

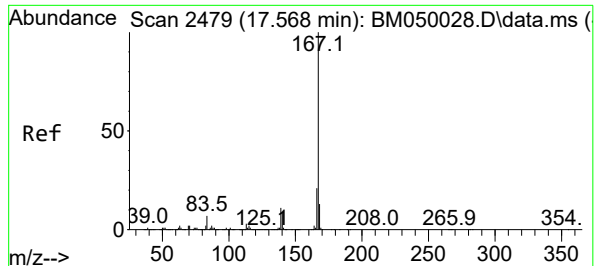
Tgt Ion:178 Resp: 2762249
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4

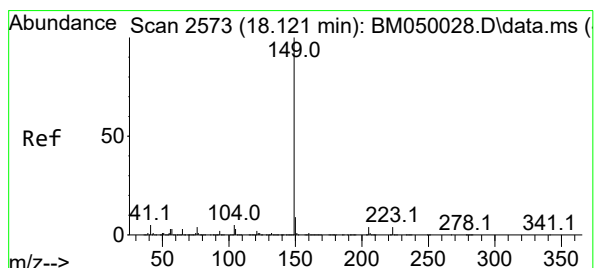
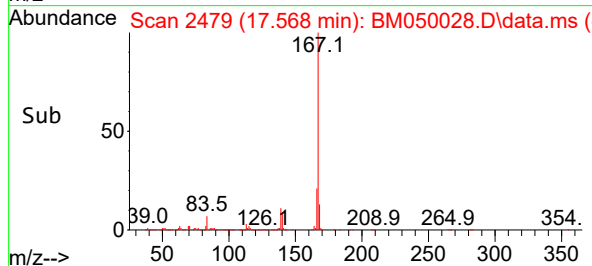
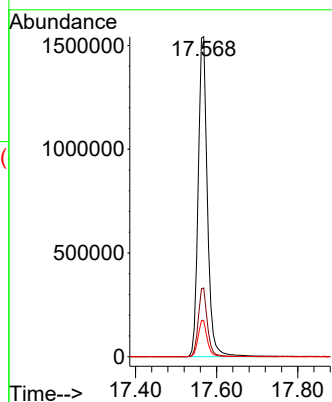
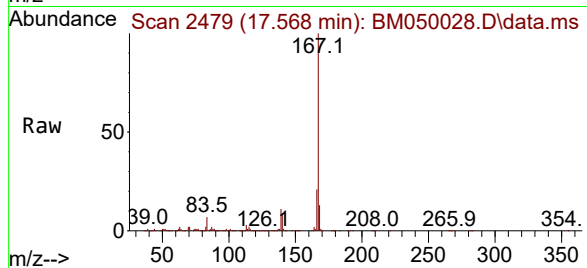




#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

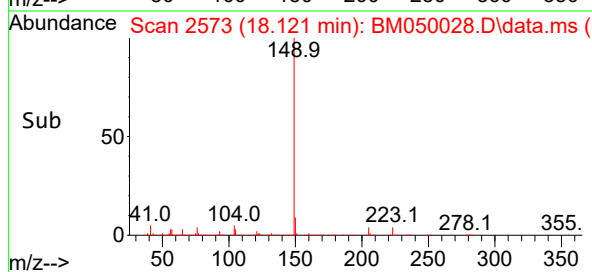
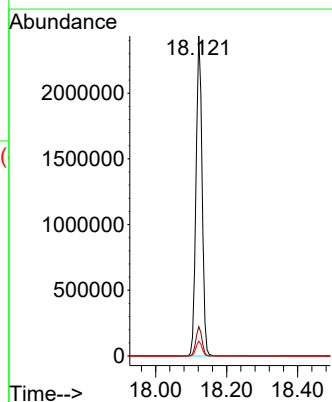
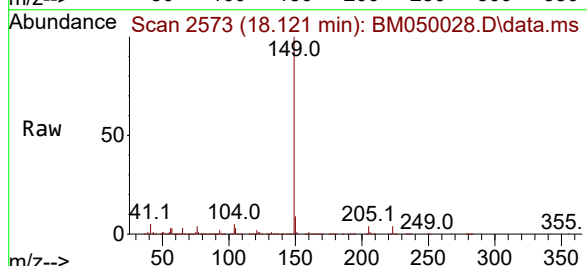
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

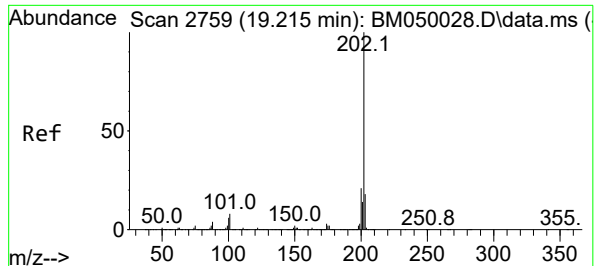
Tgt Ion:167 Resp: 2452474
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

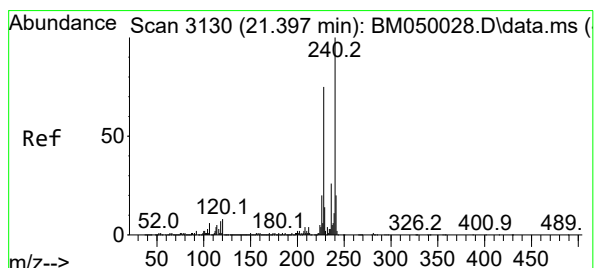
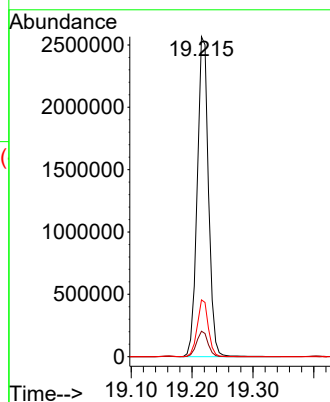
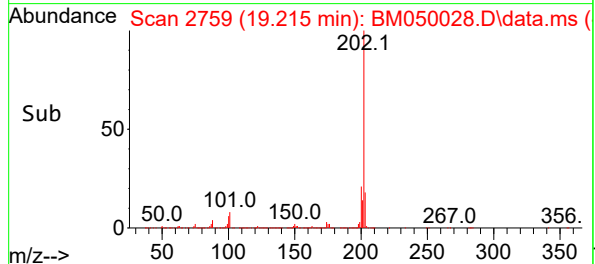
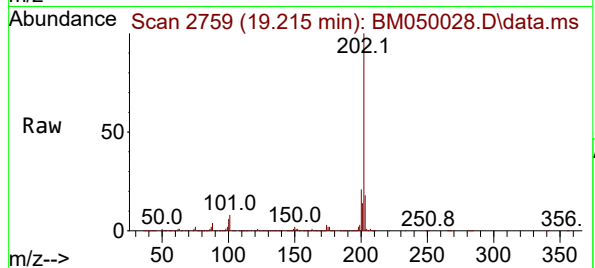




#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

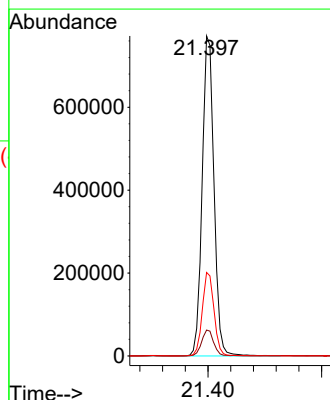
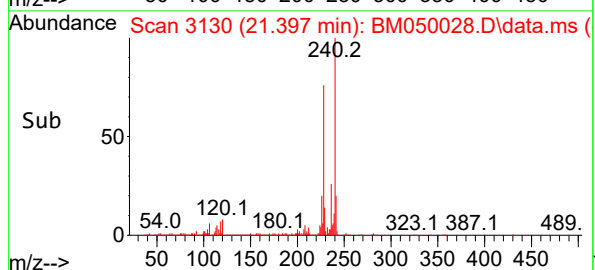
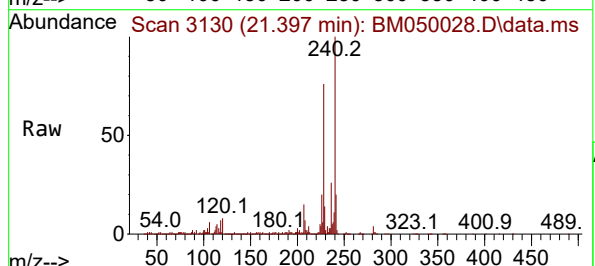
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

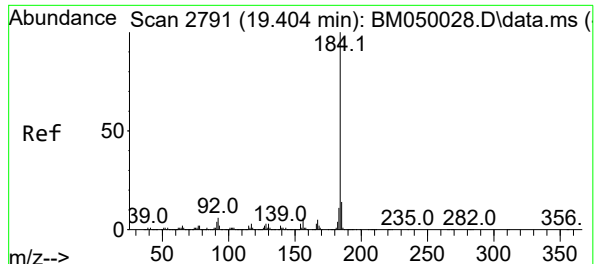
Tgt Ion:202 Resp: 3282789
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 26.1 20.9 31.3

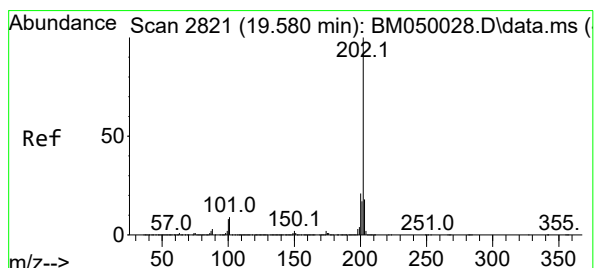
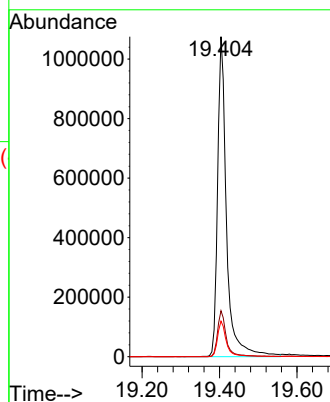
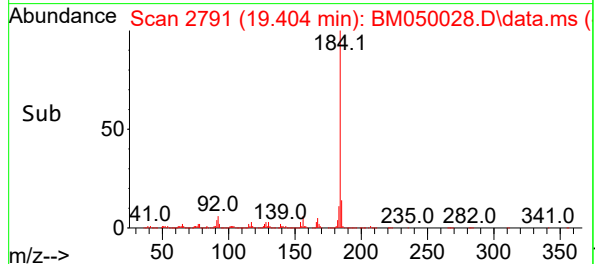
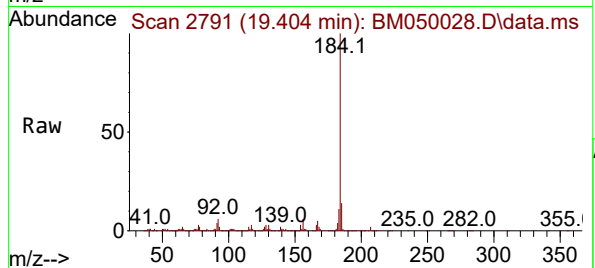




#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

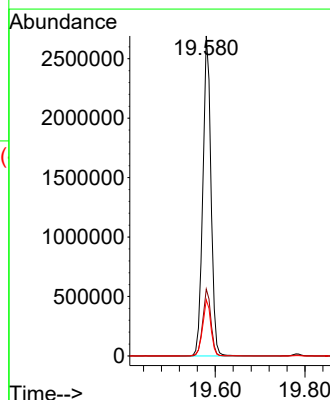
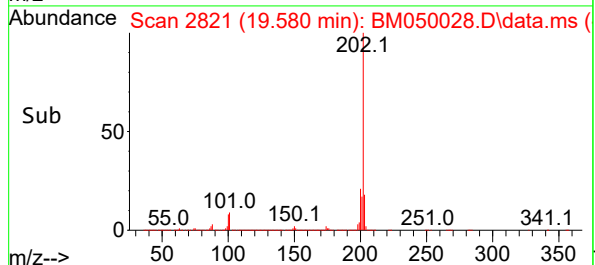
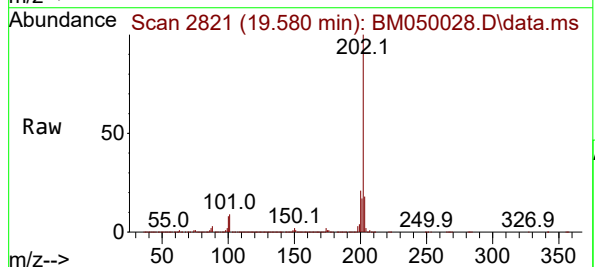
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

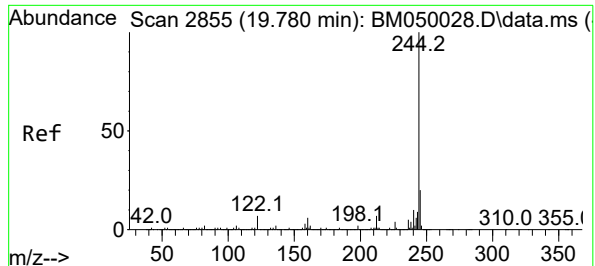
Tgt Ion:184 Resp: 1720168
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1

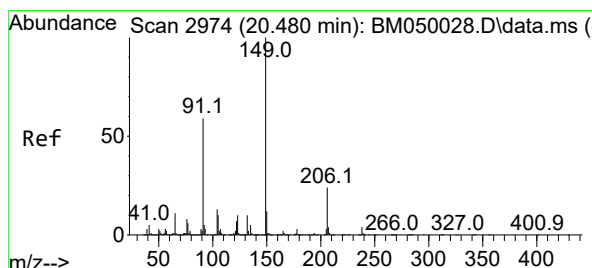
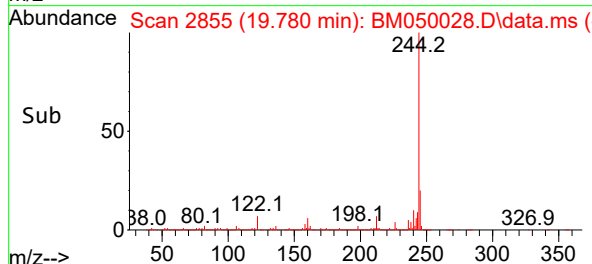
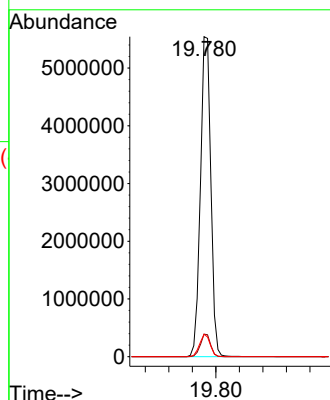
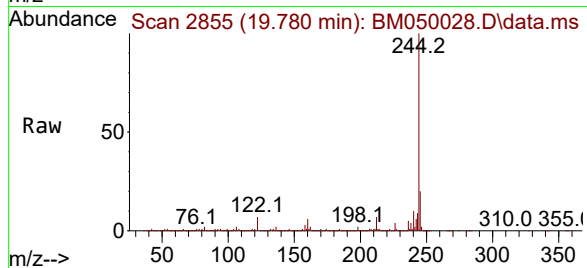




#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

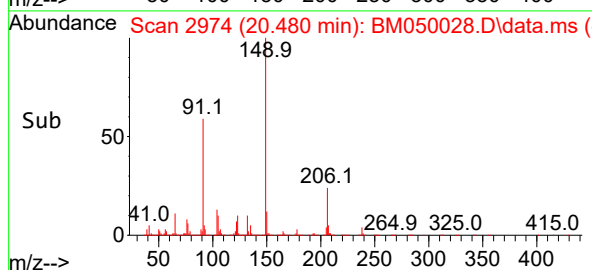
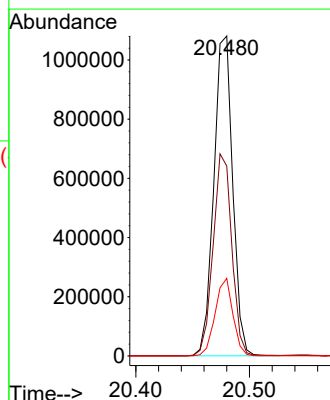
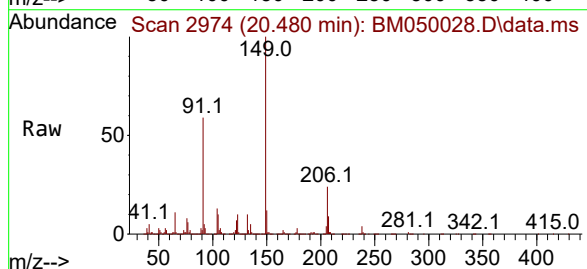
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

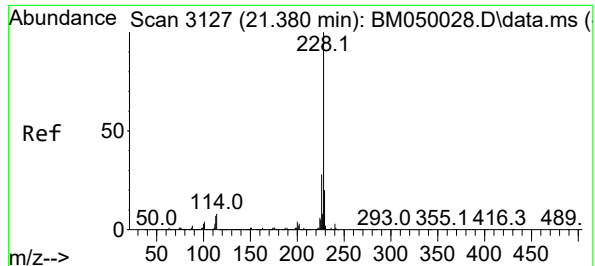
Tgt Ion:244 Resp: 6797031
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950
Ion Ratio Lower Upper
149 100
91 59.3 47.4 71.2
206 24.2 19.4 29.0

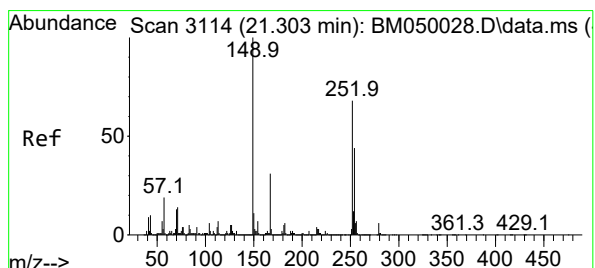
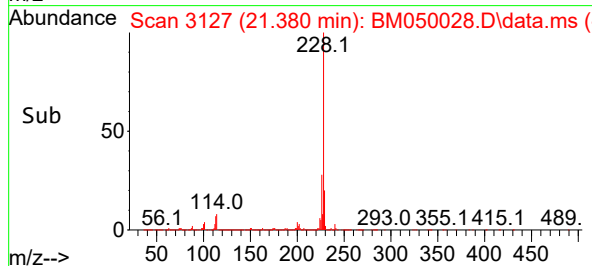
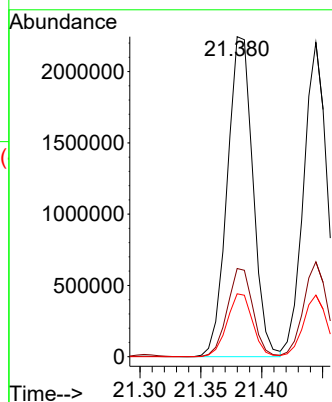
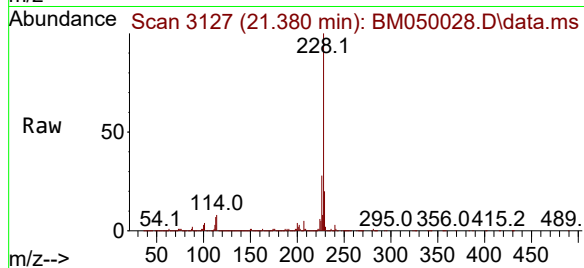




#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

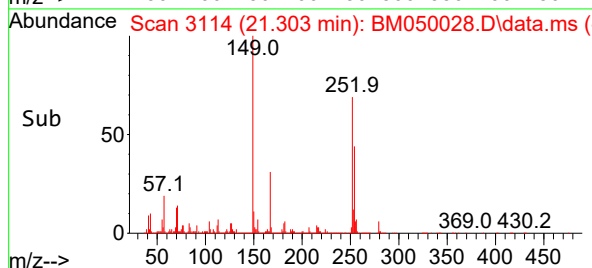
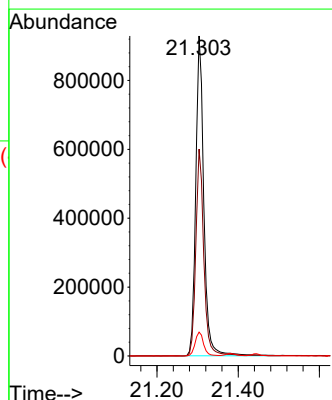
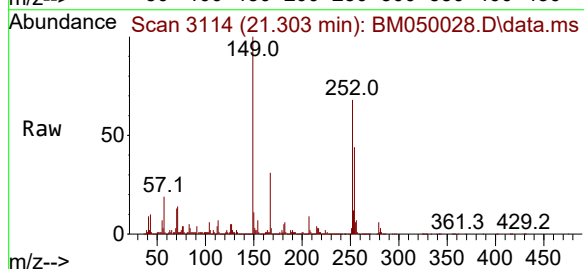
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

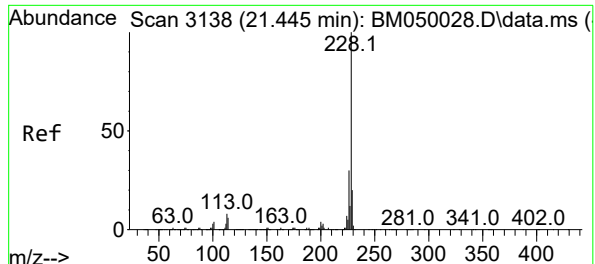
Tgt Ion:228 Resp: 3295625
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 7.5 6.0 9.0

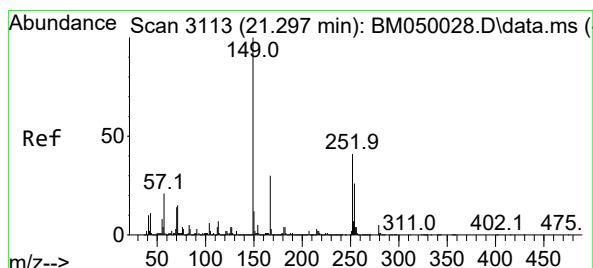
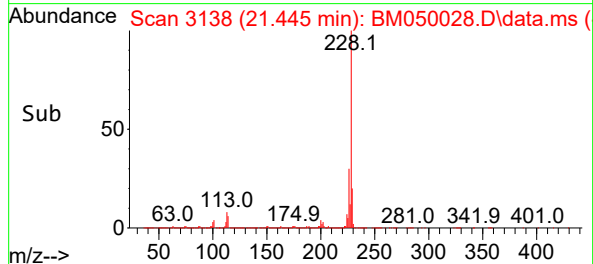
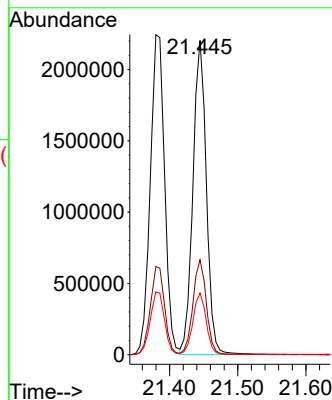
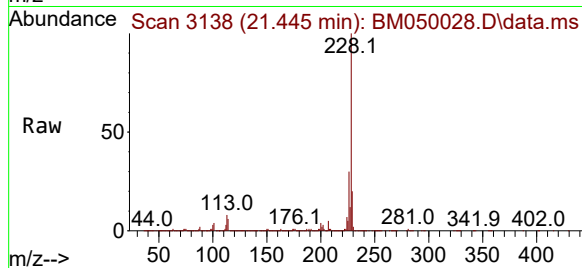




#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

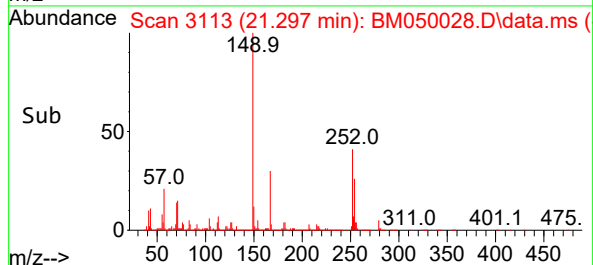
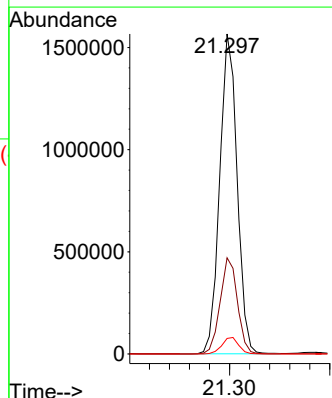
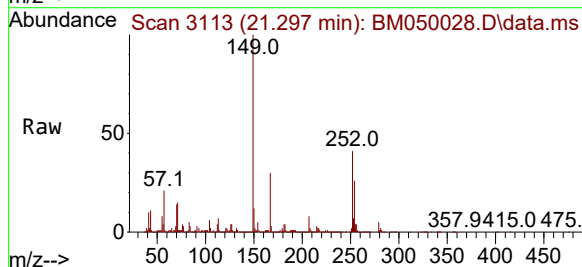
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

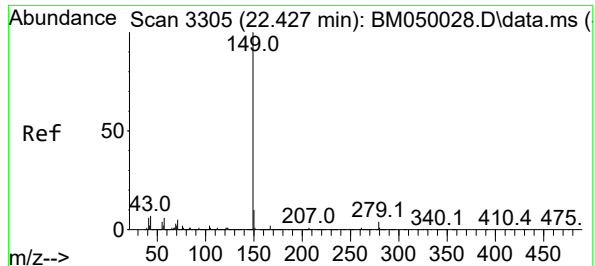
Tgt Ion:228 Resp: 2992790
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368
Ion Ratio Lower Upper
149 100
167 30.1 24.1 36.1
279 4.9 3.9 5.9

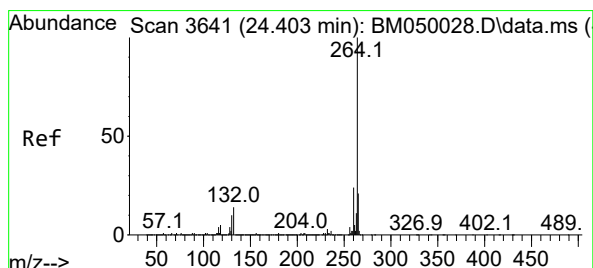
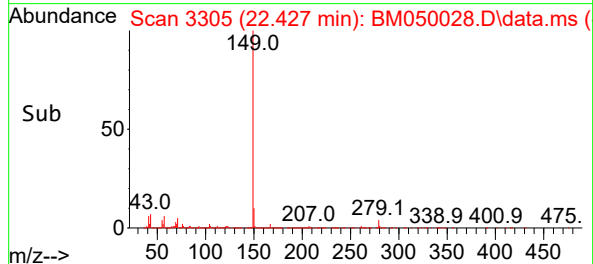
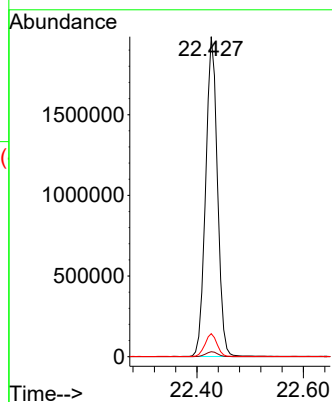
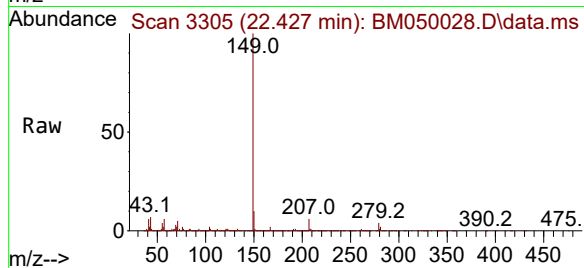




#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

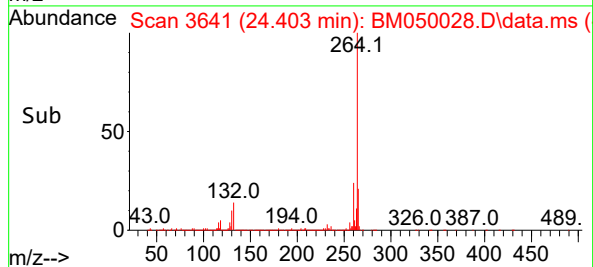
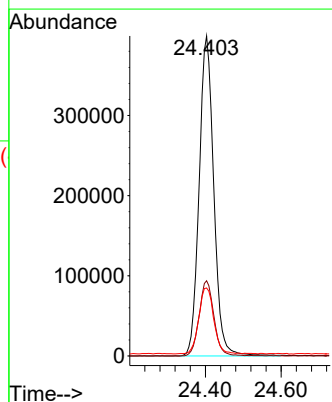
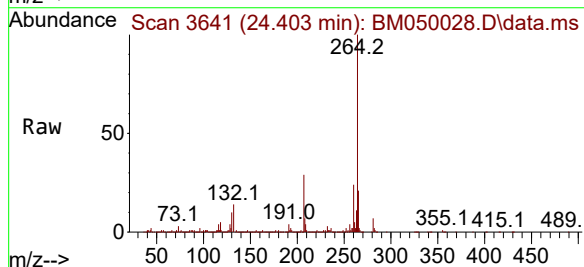
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

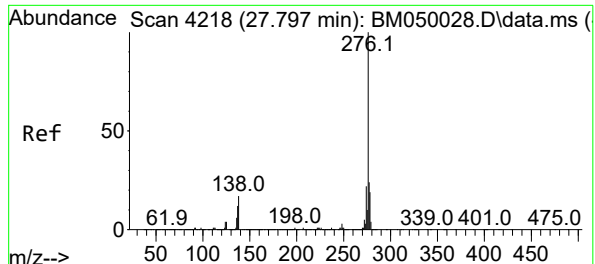
Tgt Ion:149 Resp: 3044578
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.2 17.0 25.4

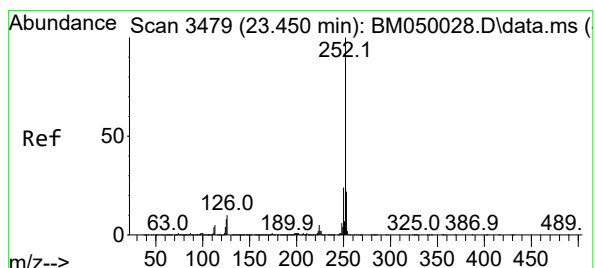
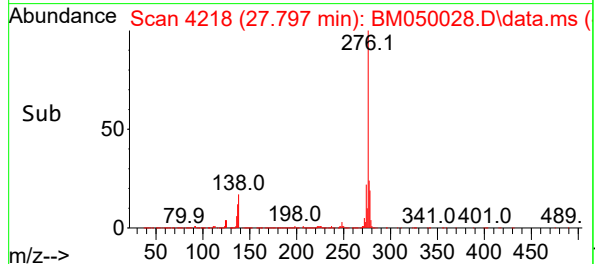
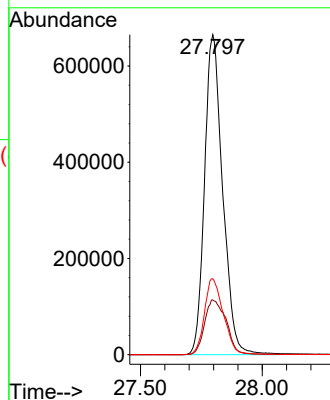
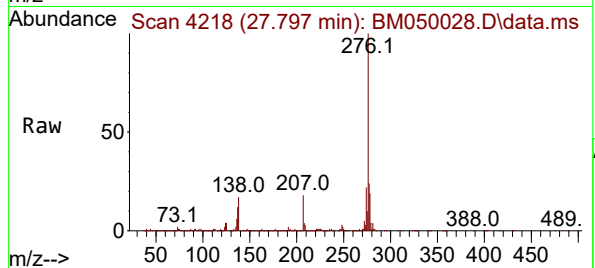




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

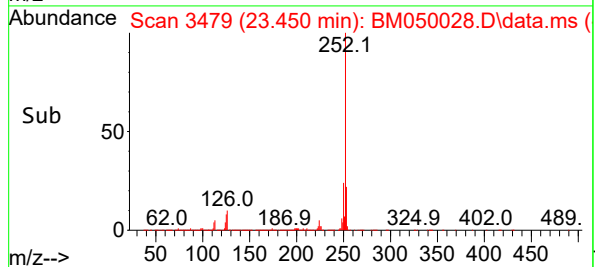
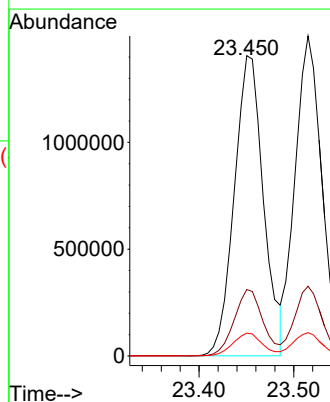
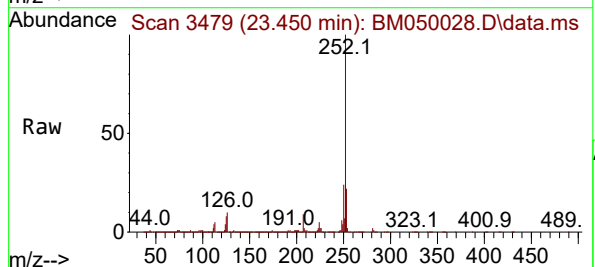
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

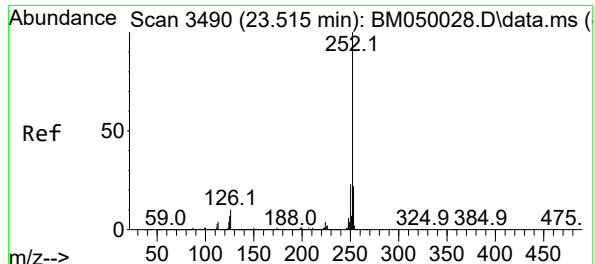
Tgt Ion:276 Resp: 3435665
Ion Ratio Lower Upper
276 100
138 20.5 16.4 24.6
277 24.8 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.6 6.1 9.1

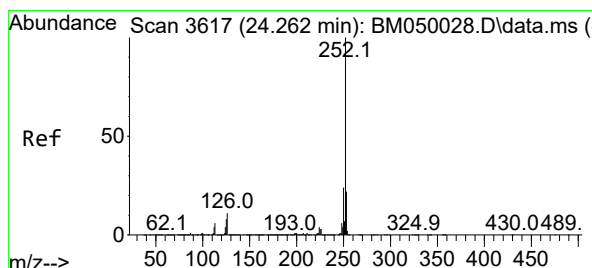
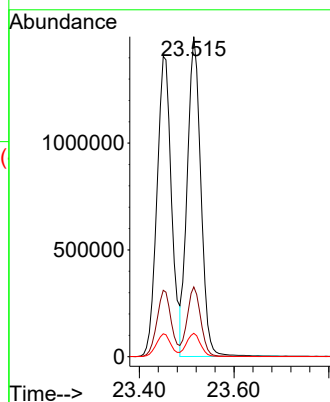
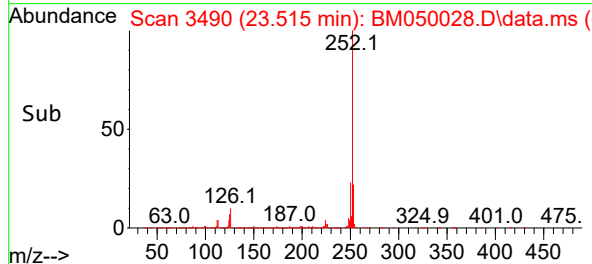
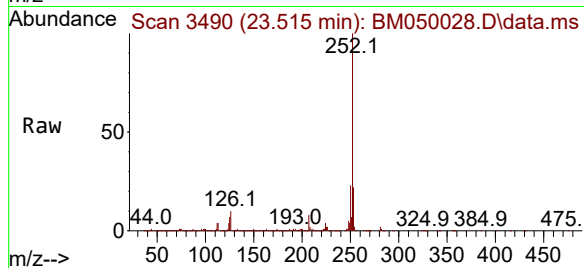




#89
Benzo(k)fluoranthene
Concen: 42.155 ng
RT: 23.515 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

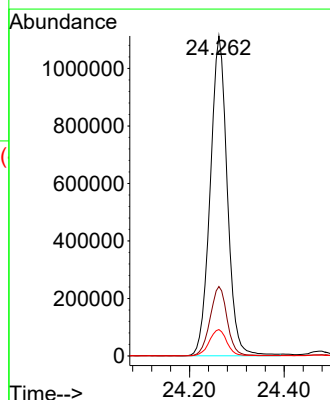
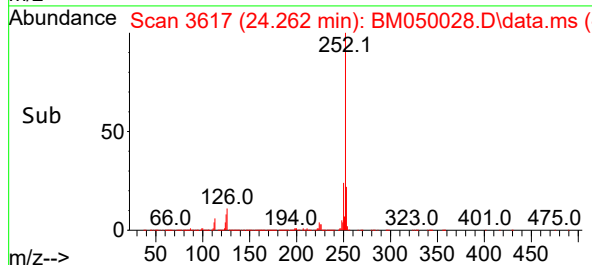
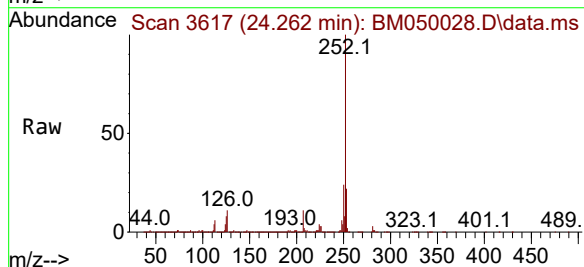
Instrument :
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ClientSampleId :
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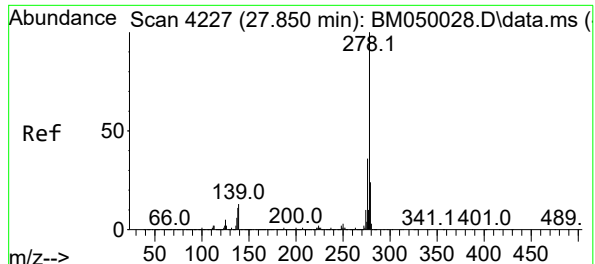
Tgt Ion:252 Resp: 2974903
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.3 5.8 8.8



#90
Benzo(a)pyrene
Concen: 42.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 2777683
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.2 6.6 9.8

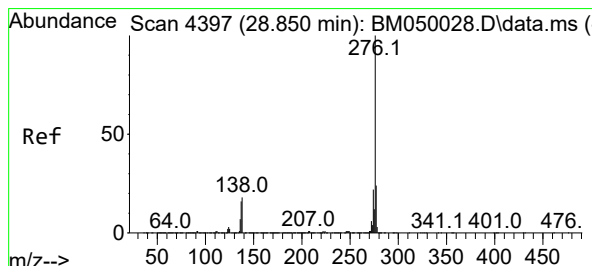
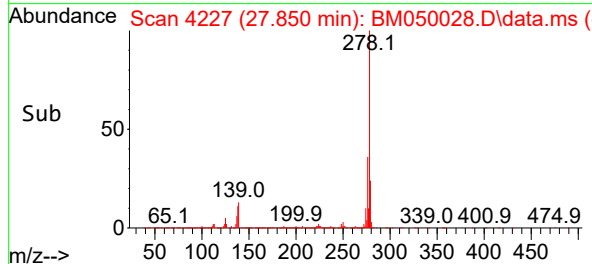
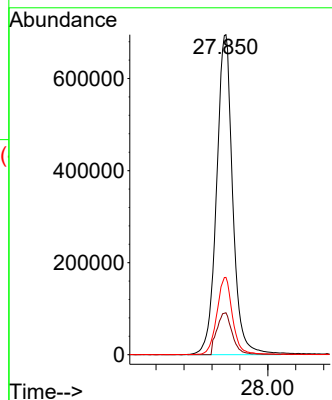
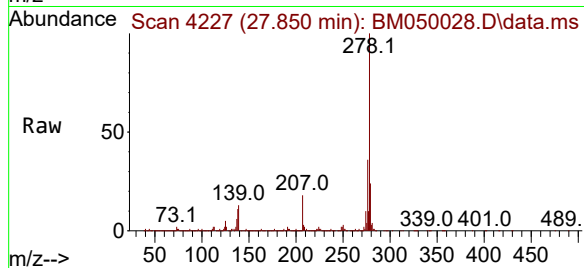




#91
Dibenzo(a,h)anthracene
Concen: 42.796 ng
RT: 27.850 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

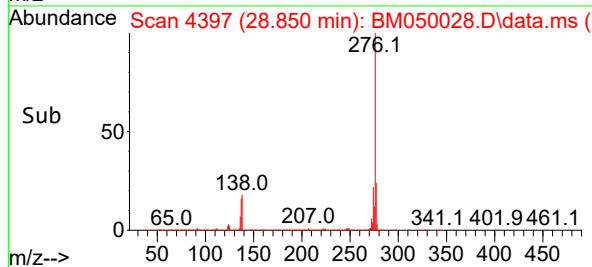
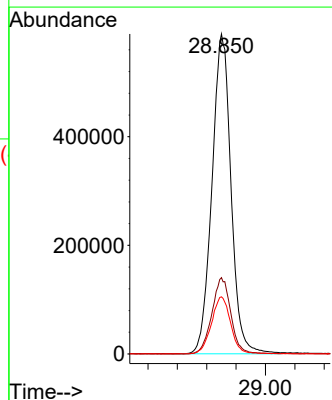
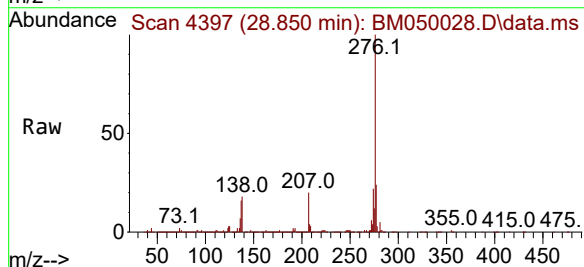
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2787948
Ion Ratio Lower Upper
278 100
139 13.1 10.5 15.7
279 24.2 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.508 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:276 Resp: 2651145
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

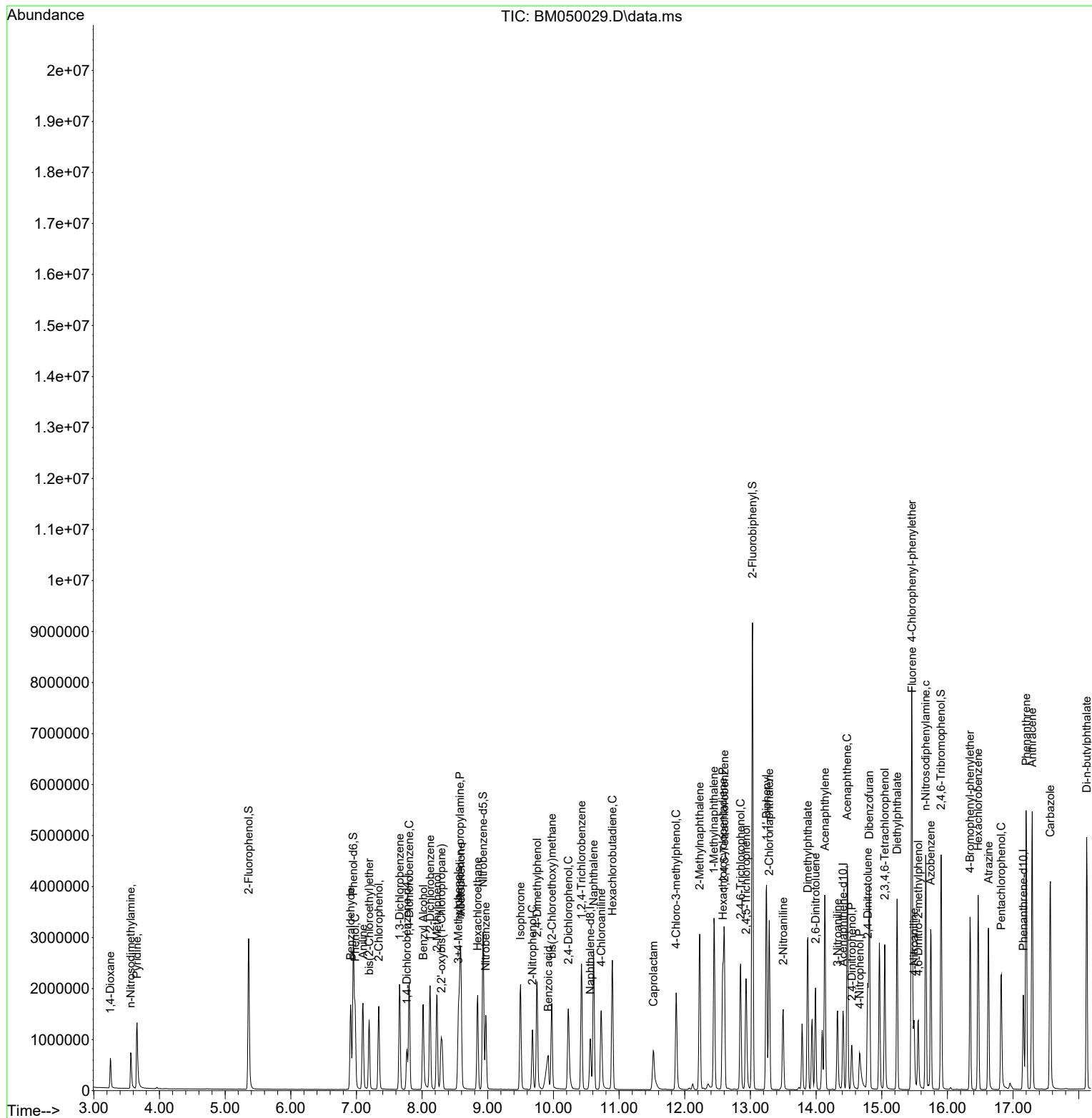
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

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Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

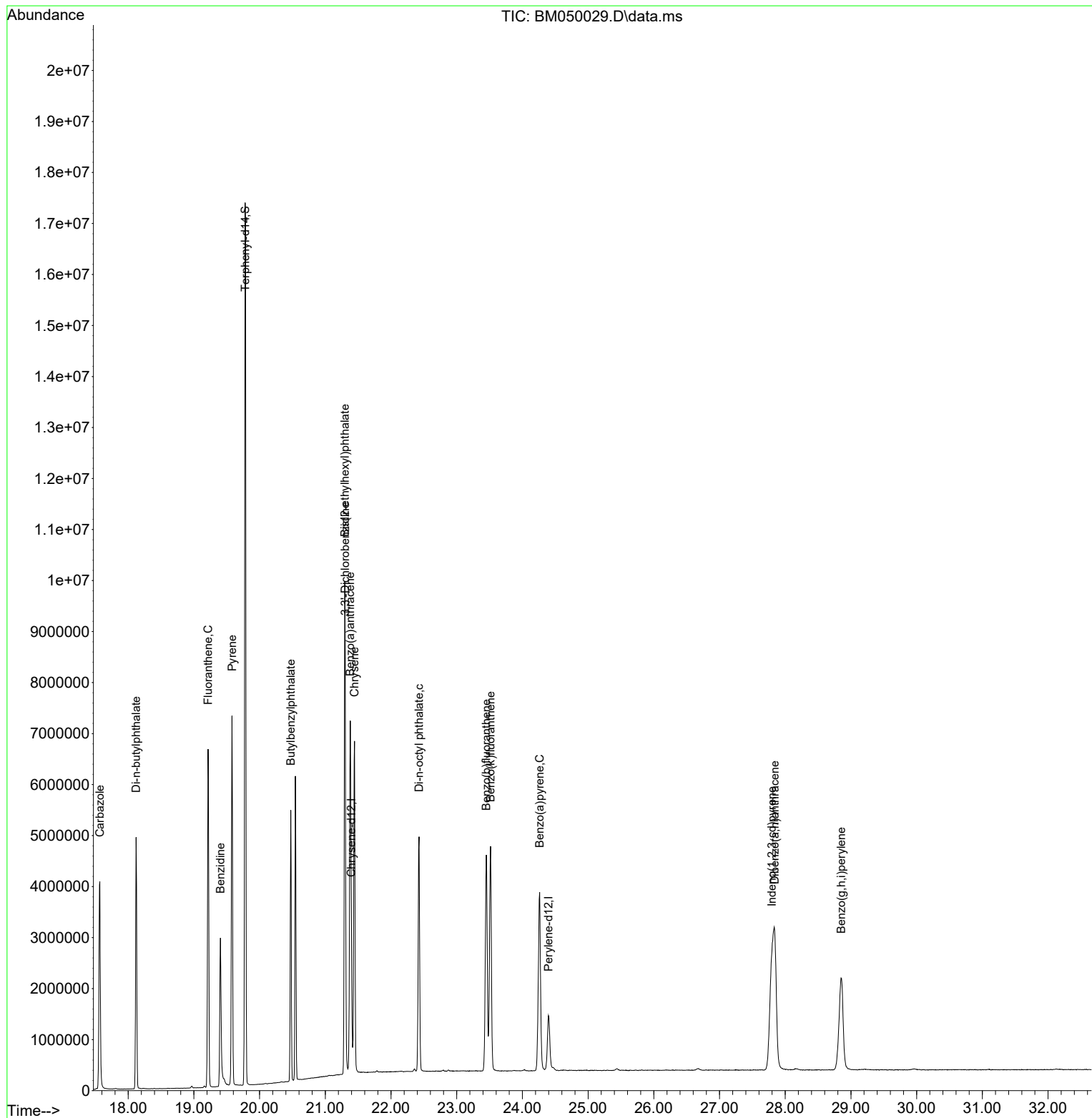
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QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

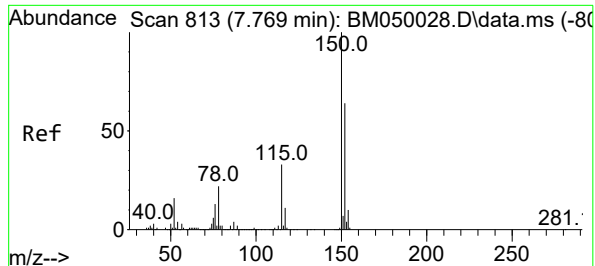


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Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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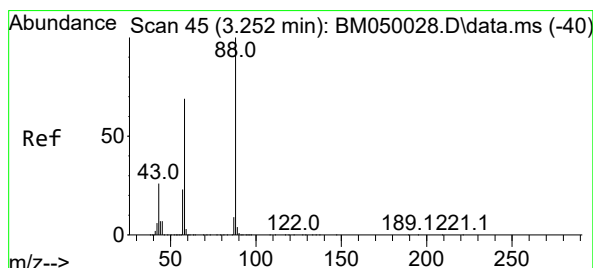
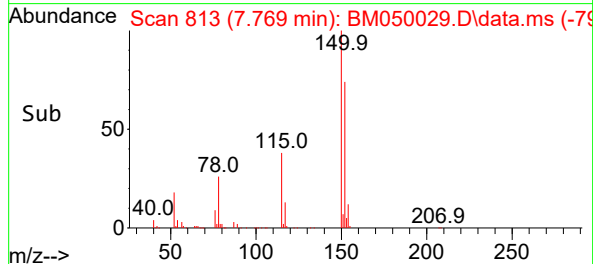
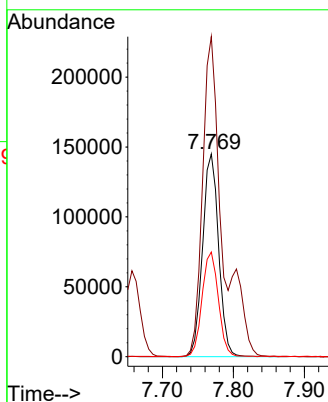
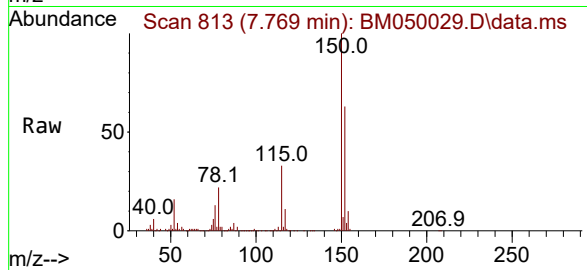




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

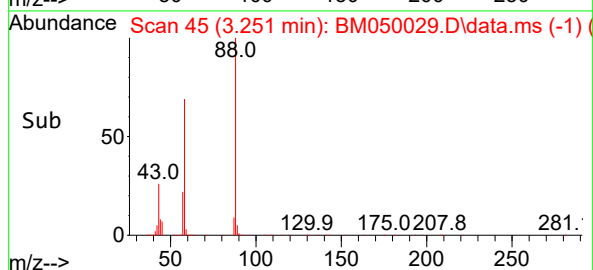
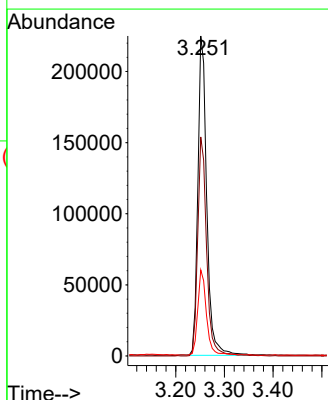
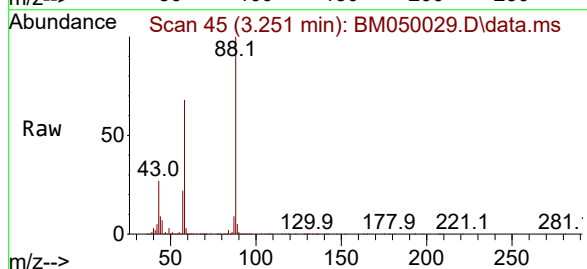
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

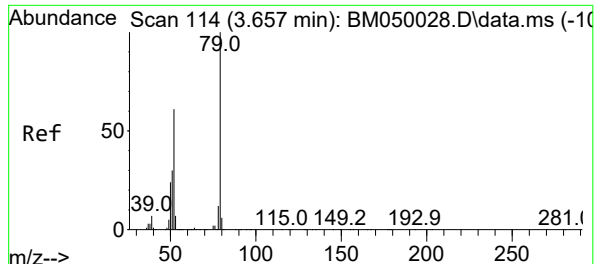
Tgt Ion:152 Resp: 228207
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 51.6 41.2 61.8



#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618
Ion Ratio Lower Upper
88 100
58 68.7 55.1 82.7
43 26.0 20.9 31.3

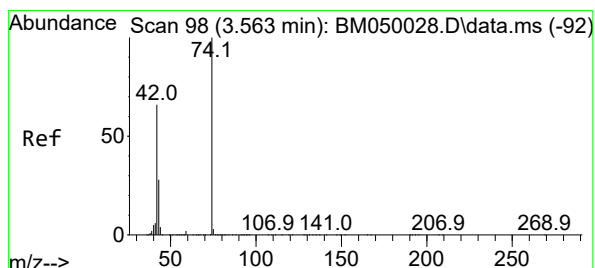
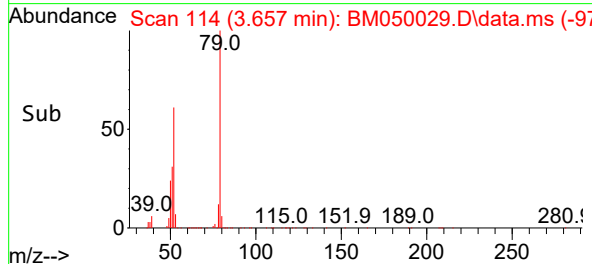
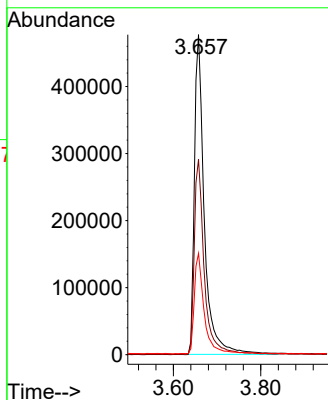
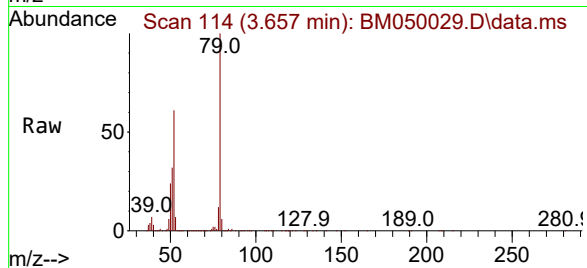




#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

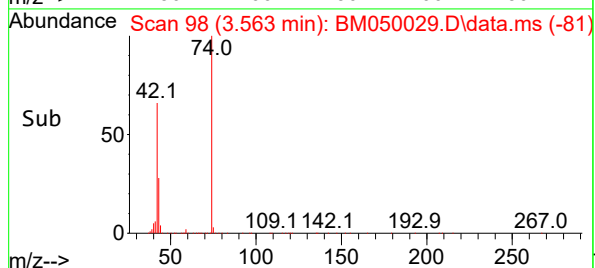
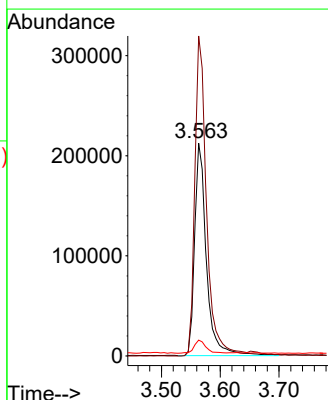
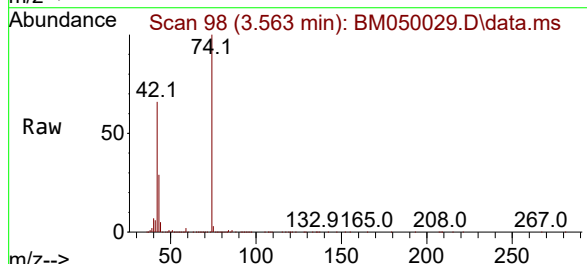
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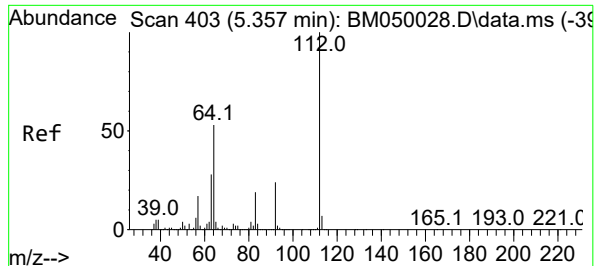
Tgt Ion: 79 Resp: 757569
Ion Ratio Lower Upper
79 100
52 61.0 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491
Ion Ratio Lower Upper
42 100
74 150.4 120.2 180.2
44 7.4 6.2 9.2

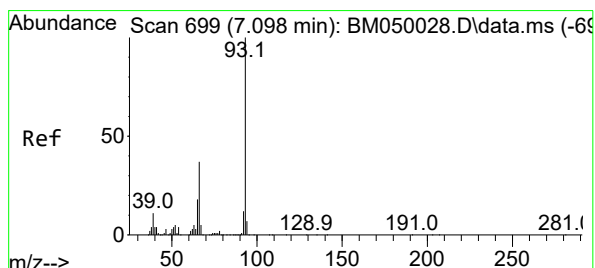
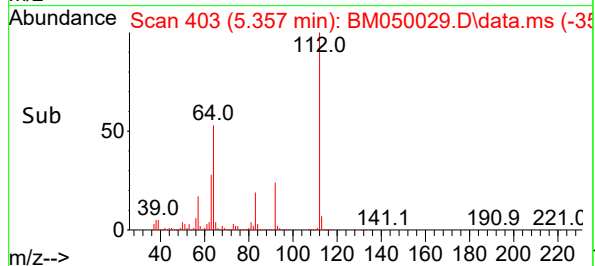
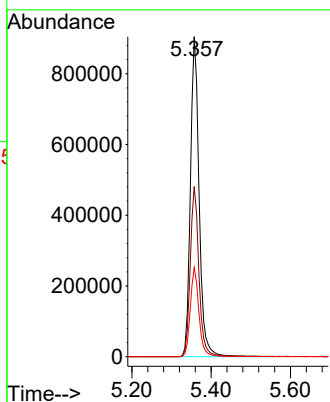
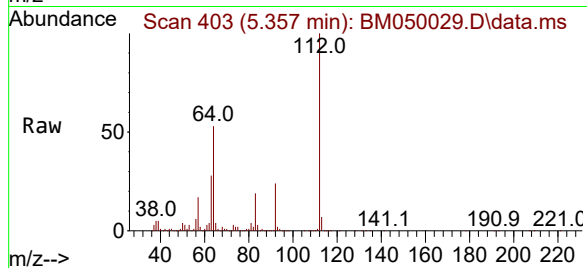




#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

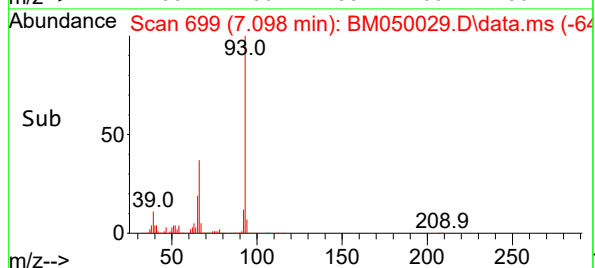
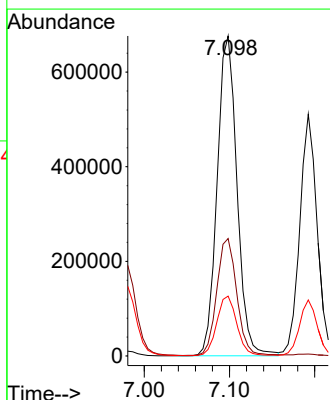
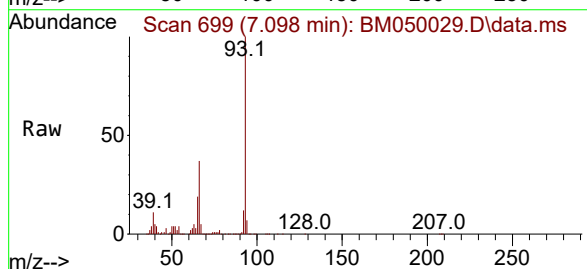
Instrument :
BNA_M
ClientSampleId :
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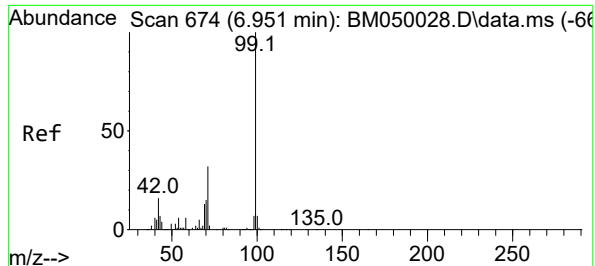
Tgt Ion:112 Resp: 1382138
Ion Ratio Lower Upper
112 100
64 53.2 42.6 64.0
63 27.8 22.2 33.4



#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746
Ion Ratio Lower Upper
93 100
66 36.7 29.9 44.9
65 18.7 14.5 21.7

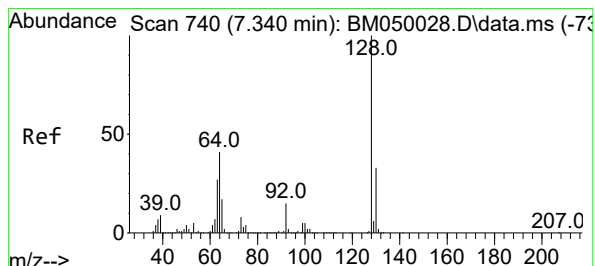
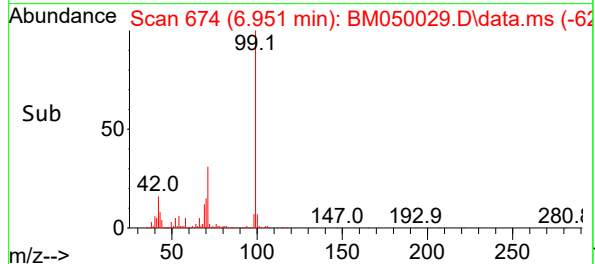
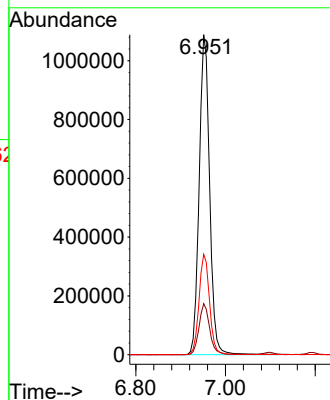
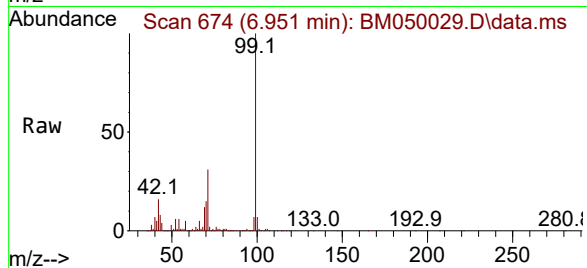




#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

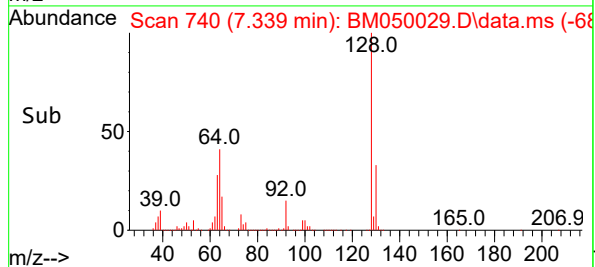
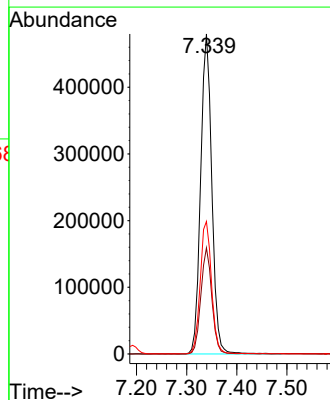
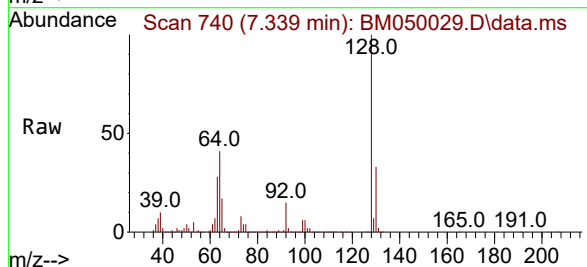
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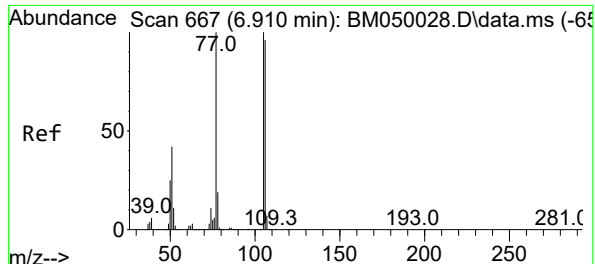
Tgt Ion: 99 Resp: 1754123
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 31.3 25.6 38.4



#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 128 Resp: 742074
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 41.4 21.2 61.2

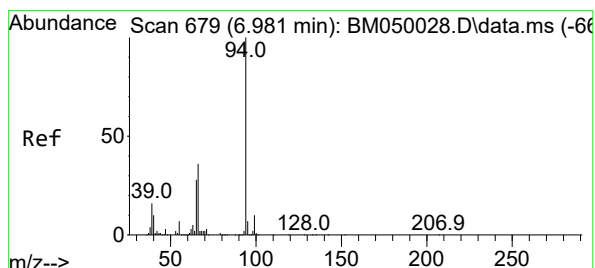
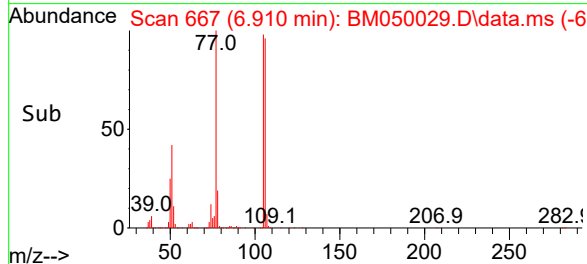
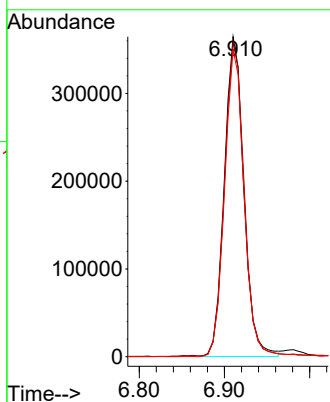
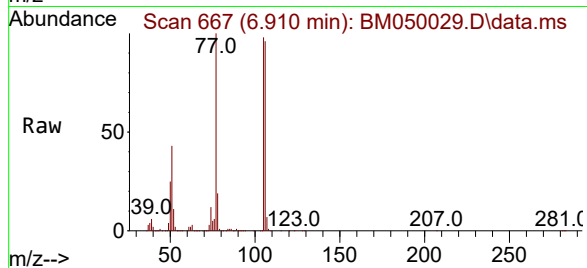




#9
Benzaldehyde
Concen: 52.770 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

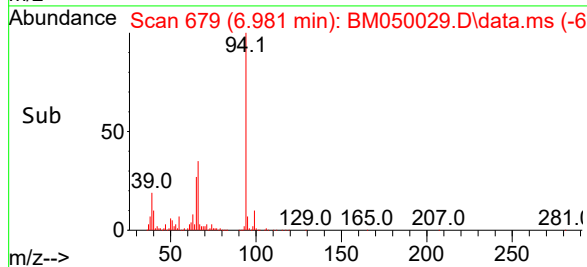
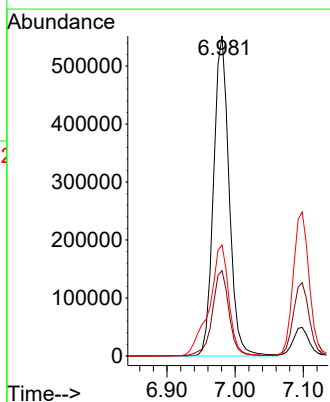
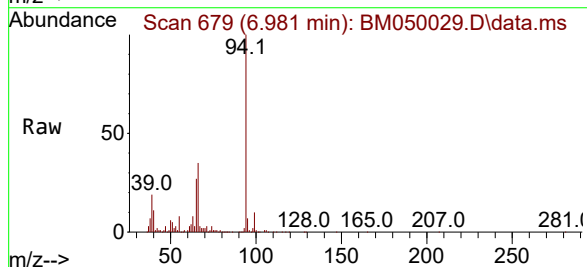
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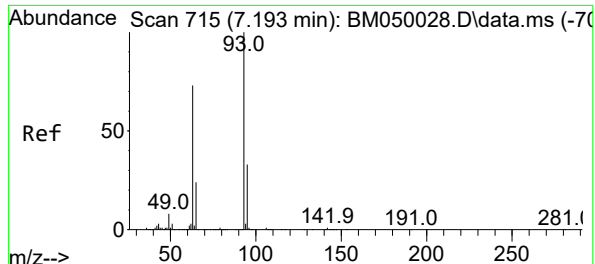
Tgt Ion: 77 Resp: 577740
Ion Ratio Lower Upper
77 100
105 98.2 80.5 120.5
106 95.9 76.1 116.1



#10
Phenol
Concen: 52.897 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 34.7 15.8 55.8

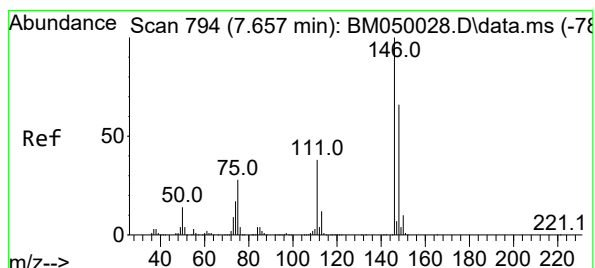
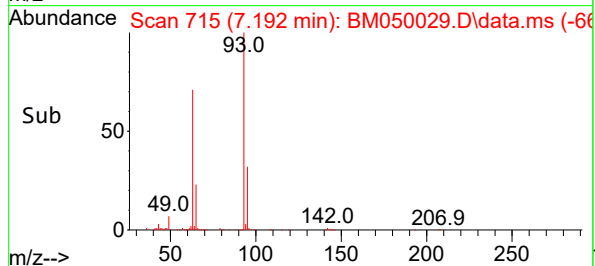
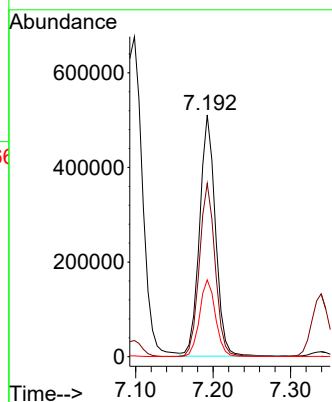
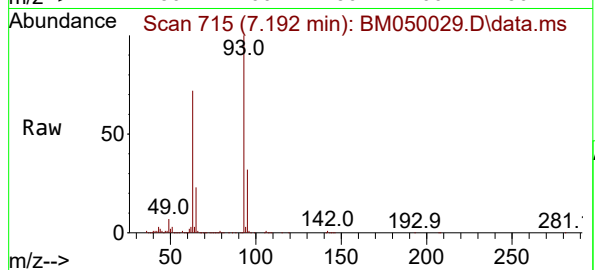




#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

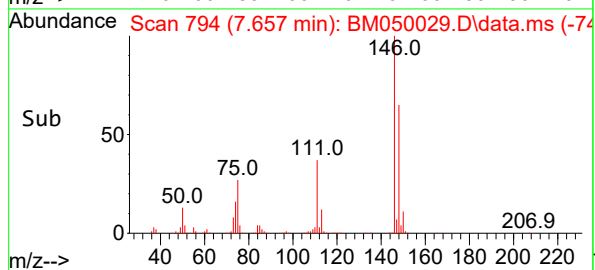
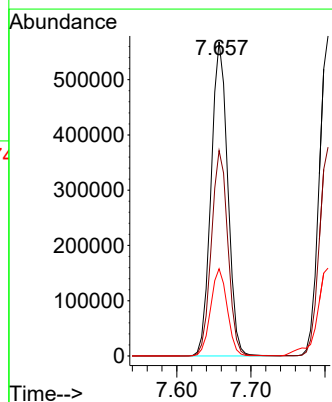
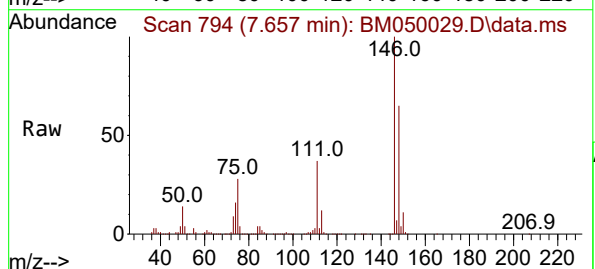
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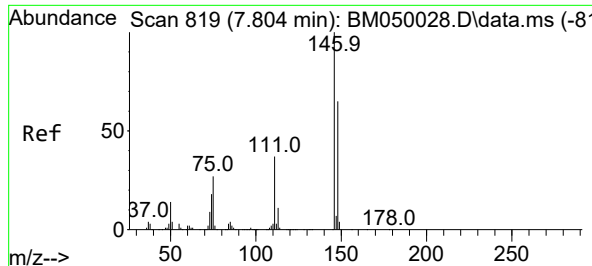
Tgt Ion: 93 Resp: 725268
Ion Ratio Lower Upper
93 100
63 71.7 52.3 92.3
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 885183
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 51.937 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

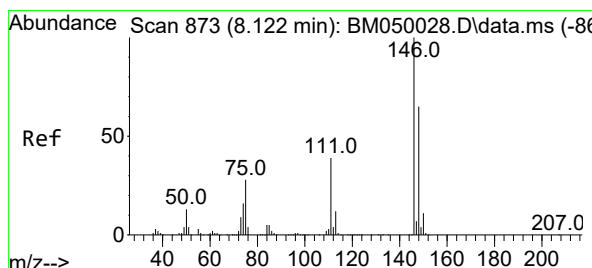
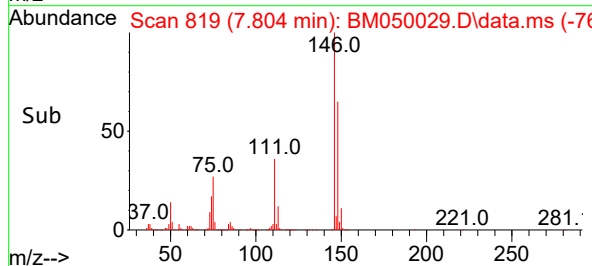
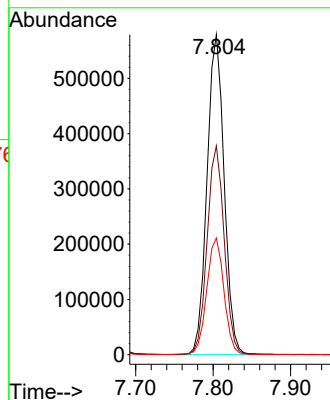
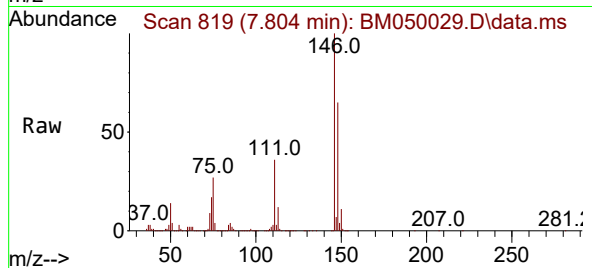
Tgt Ion:146 Resp: 888114

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 36.5 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 52.033 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

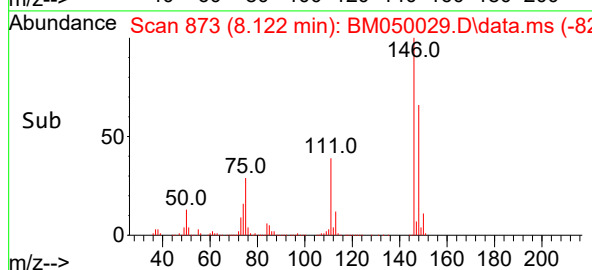
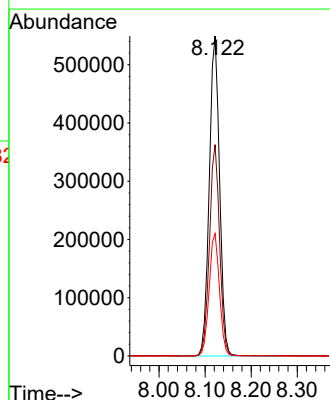
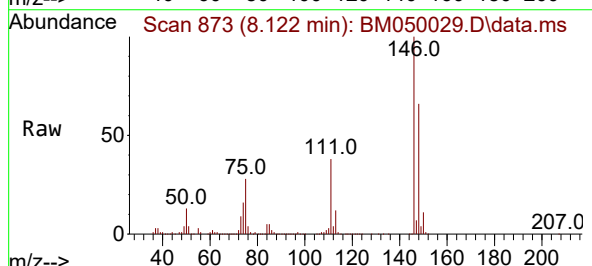
Tgt Ion:146 Resp: 859475

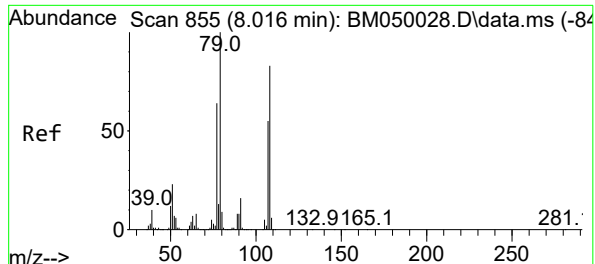
Ion Ratio Lower Upper

146 100

148 66.1 52.4 78.6

111 38.2 31.0 46.6

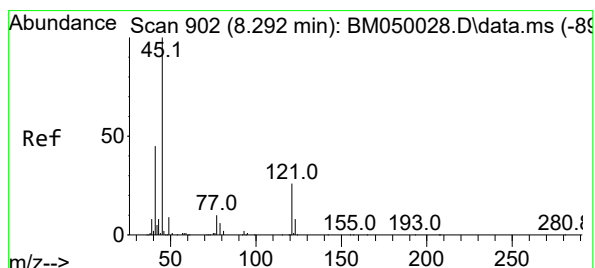
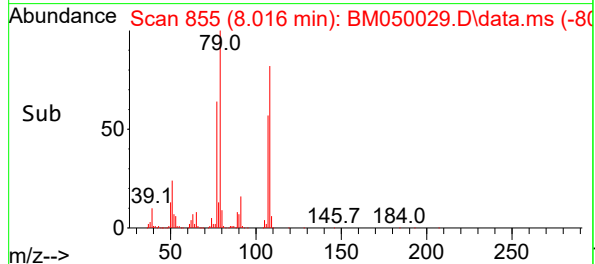
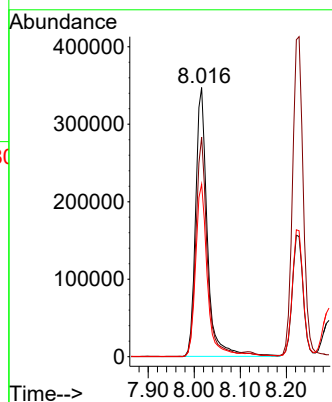
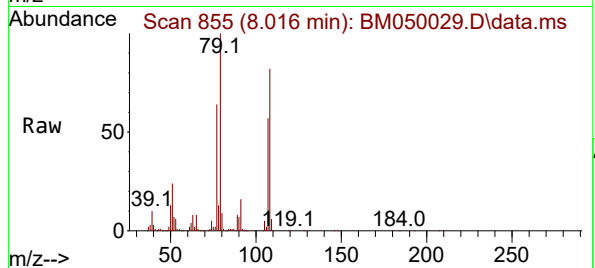




#15
Benzyl Alcohol
Concen: 53.947 ng
RT: 8.016 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

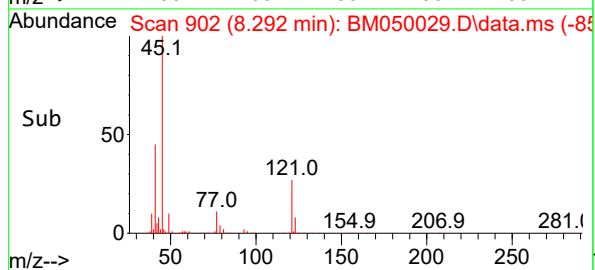
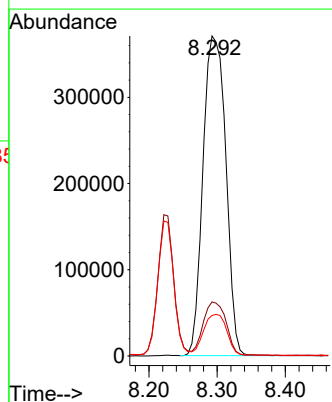
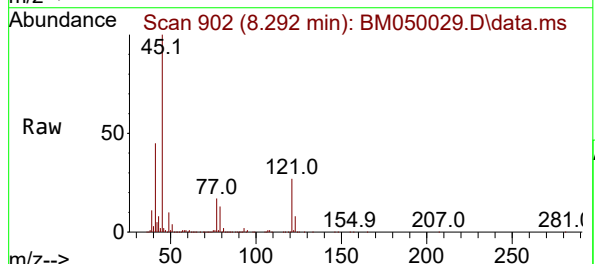
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

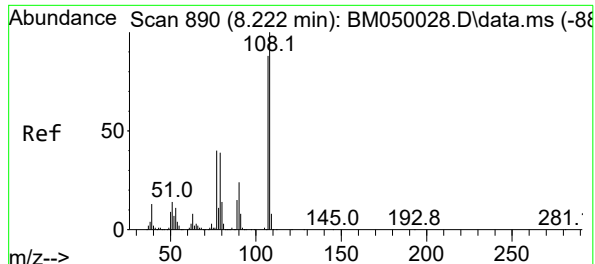
Tgt Ion: 79 Resp: 612811
Ion Ratio Lower Upper
79 100
108 81.6 66.0 99.0
77 64.1 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.300 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 45 Resp: 863443
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.4
79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 53.563 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050029.D

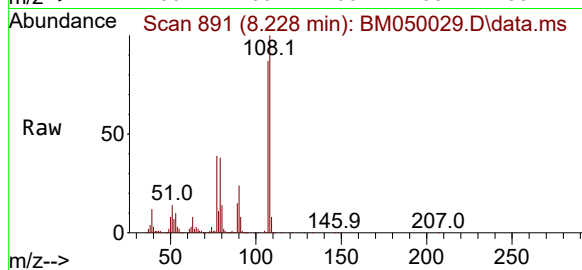
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 585120

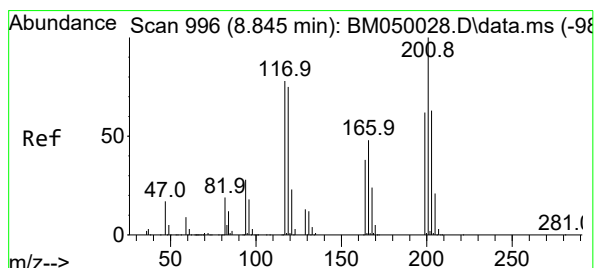
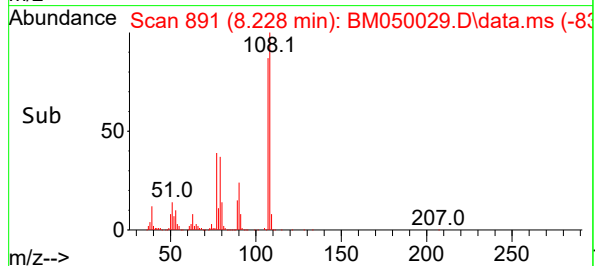
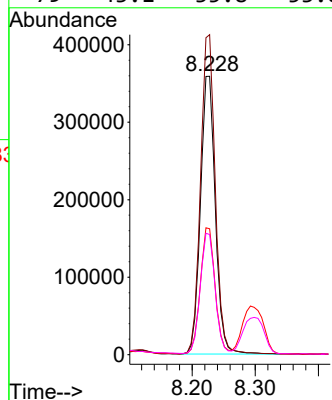
Ion	Ratio	Lower	Upper

107	100		

108	114.9	91.1	136.7

77	45.2	36.2	54.4

79	43.1	35.8	53.8



#18

Hexachloroethane

Concen: 51.444 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

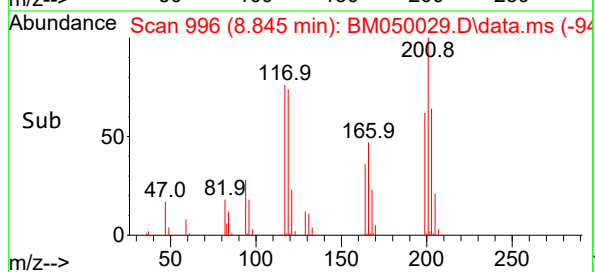
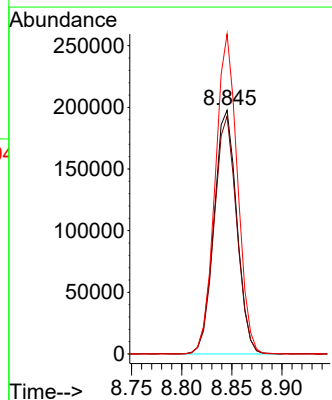
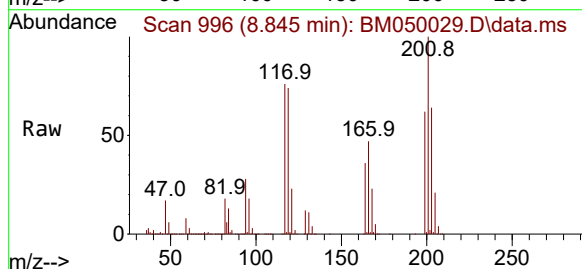
Tgt Ion:117 Resp: 312710

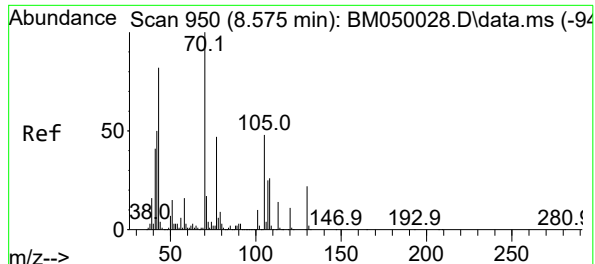
Ion	Ratio	Lower	Upper

117	100		

119	97.6	77.3	115.9

201	131.4	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 53.672 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 563847

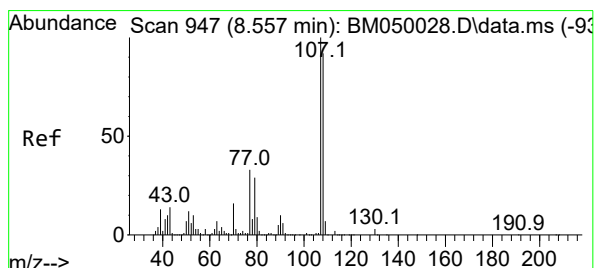
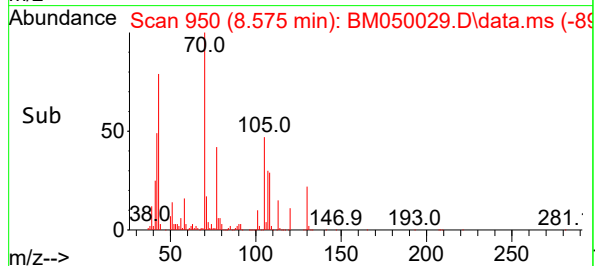
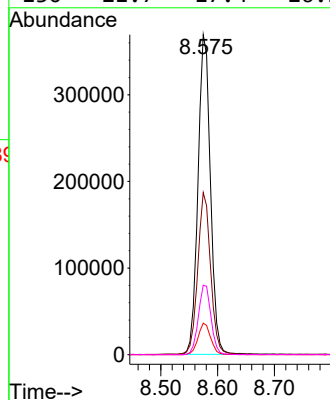
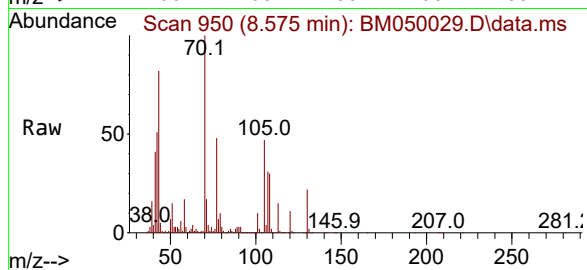
Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 9.8 7.8 11.6

130 21.7 17.4 26.2



#20

3+4-Methylphenols

Concen: 53.851 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 107 Resp: 794422

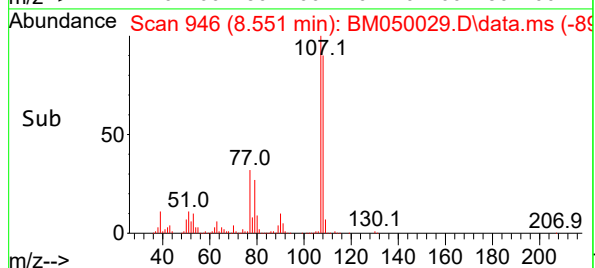
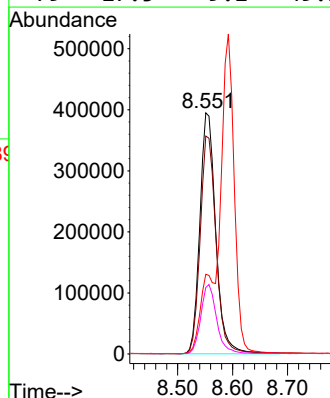
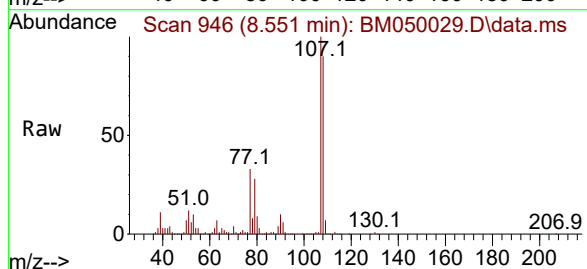
Ion Ratio Lower Upper

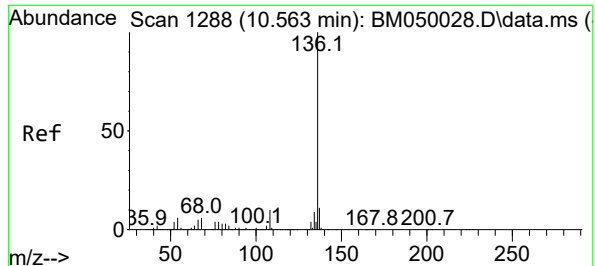
107 100

108 90.4 72.4 112.4

77 33.0 13.6 53.6

79 27.5 9.2 49.2

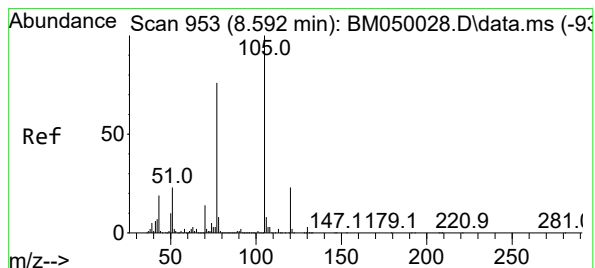
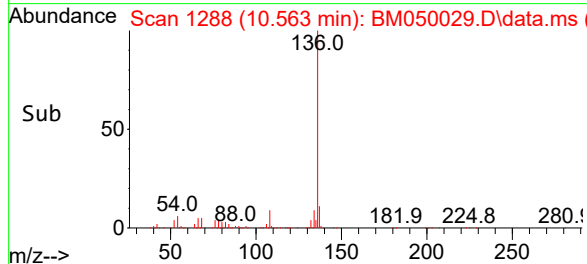
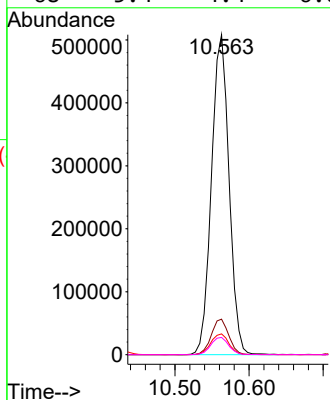
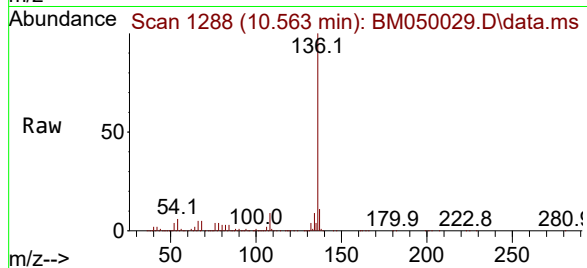




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

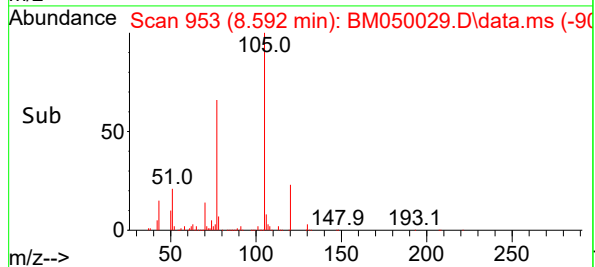
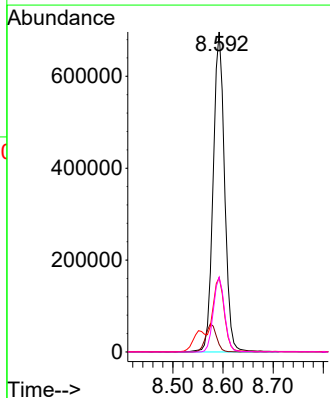
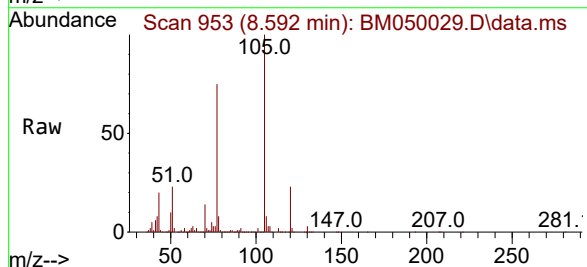
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

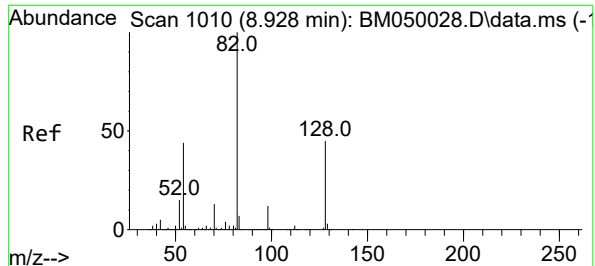
Tgt Ion:136 Resp: 837552
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 5.1 7.7
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 23.2 18.6 27.8
120 23.4 18.3 27.5

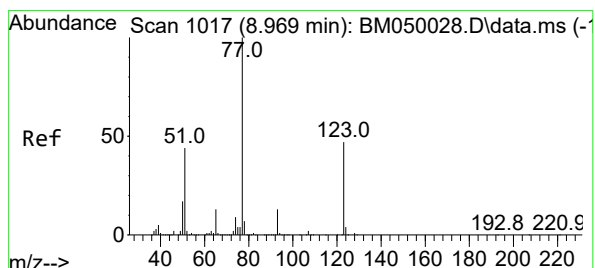
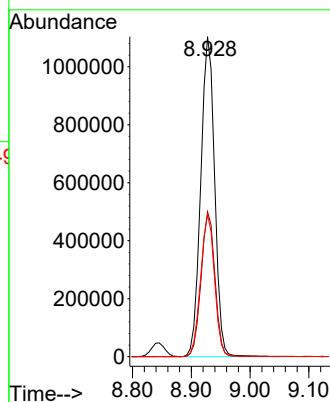
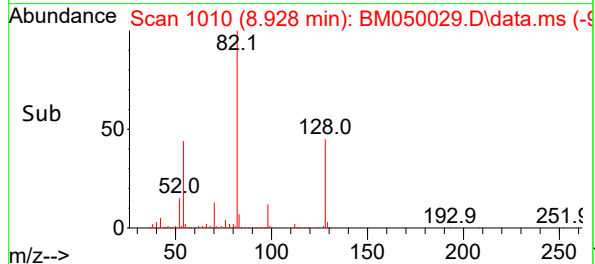
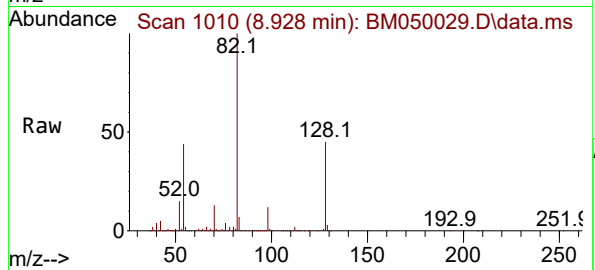




#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

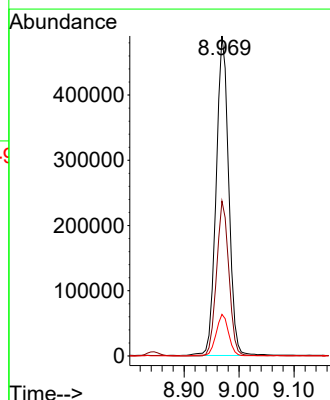
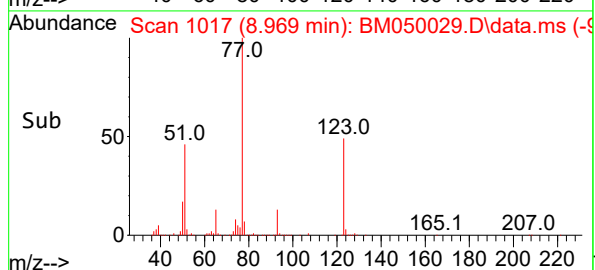
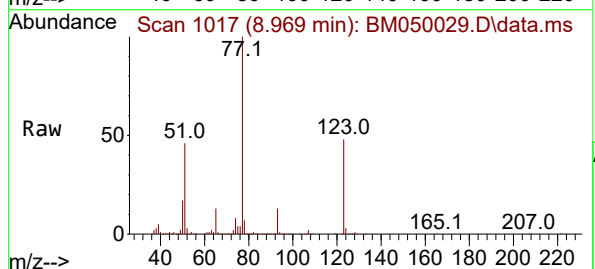
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

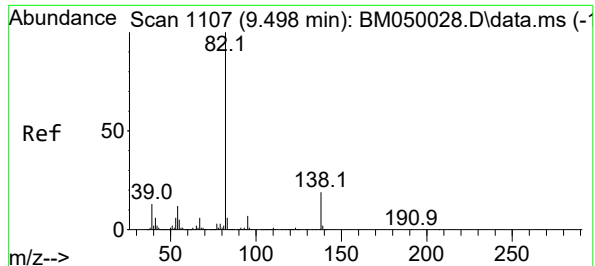
Tgt Ion: 82 Resp: 1811208
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 44.3 35.4 53.2



#24
Nitrobenzene
Concen: 53.020 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215
Ion Ratio Lower Upper
77 100
123 48.4 37.9 56.9
65 13.0 10.1 15.1

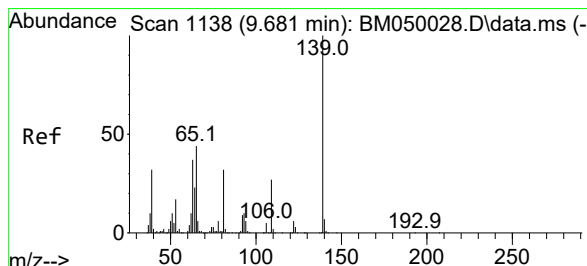
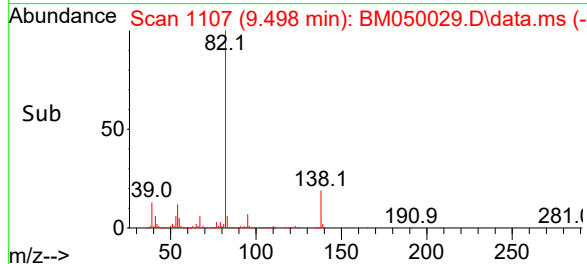
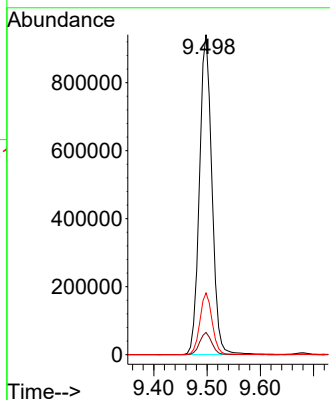
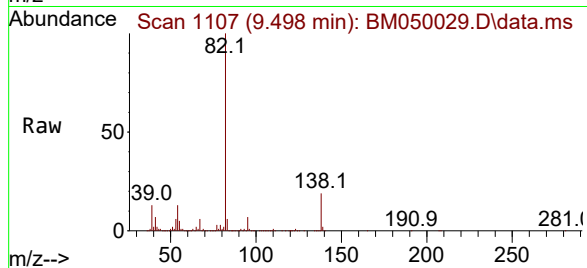




#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

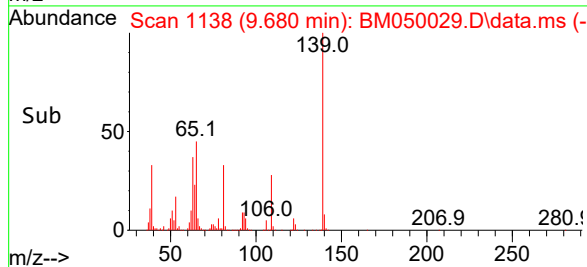
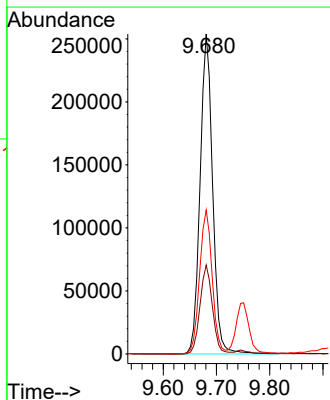
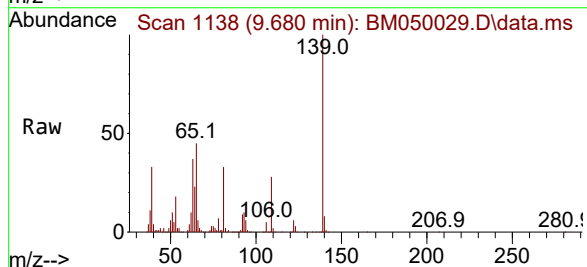
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

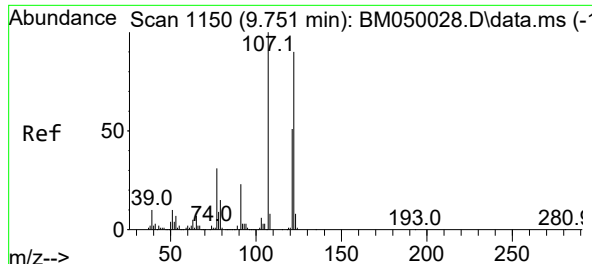
Tgt Ion: 82 Resp: 1526436
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 139 Resp: 415316
Ion Ratio Lower Upper
139 100
109 27.8 21.9 32.9
65 45.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 54.175 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

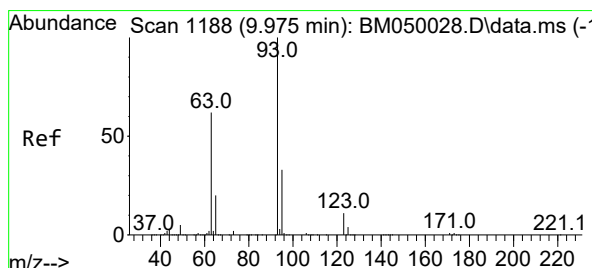
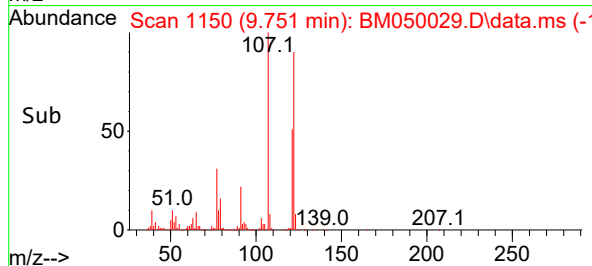
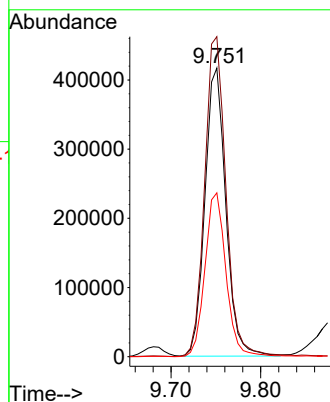
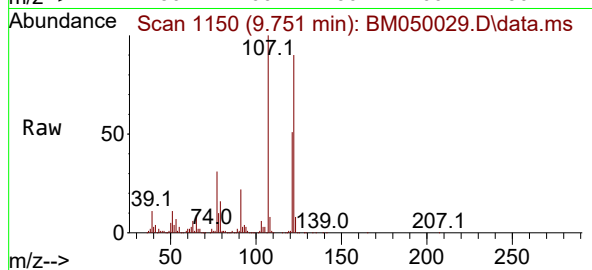
Tgt Ion:122 Resp: 674547

Ion Ratio Lower Upper

122 100

107 110.9 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 52.843 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

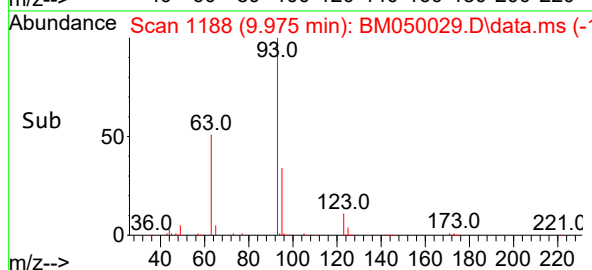
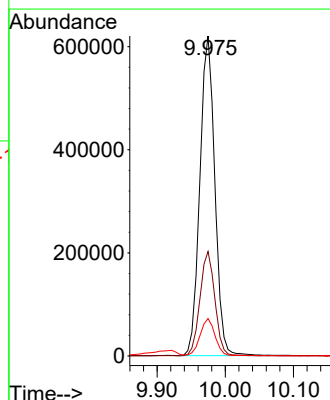
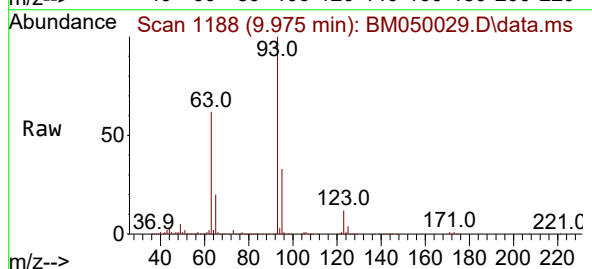
Tgt Ion: 93 Resp: 946285

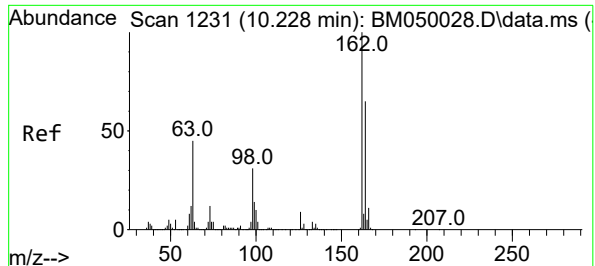
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 53.847 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

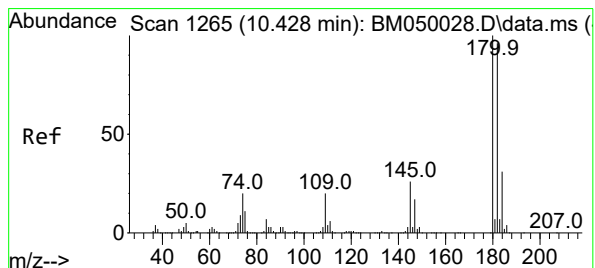
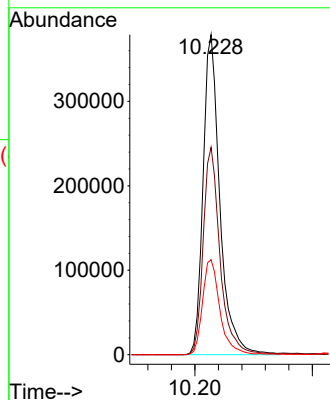
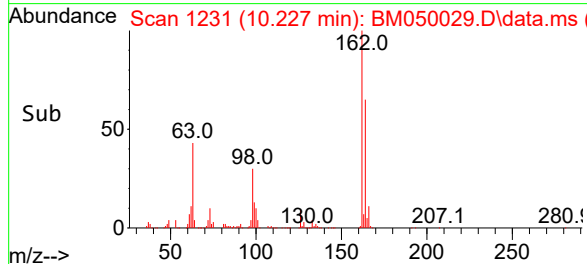
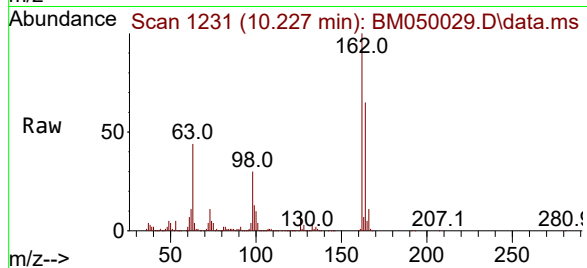
Tgt Ion:162 Resp: 751117

Ion Ratio Lower Upper

162 100

164 64.8 45.4 85.4

98 29.7 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 52.457 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

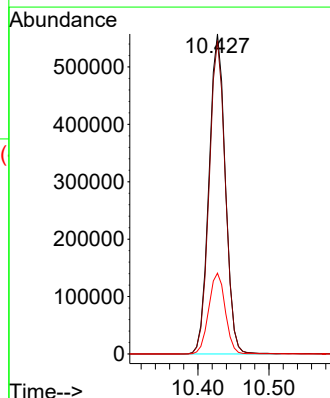
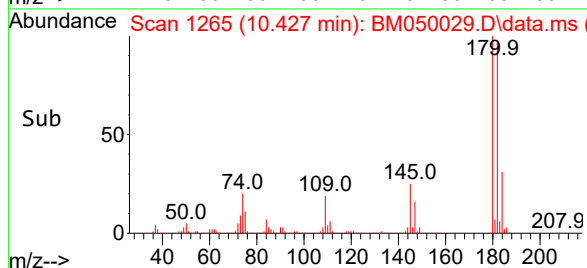
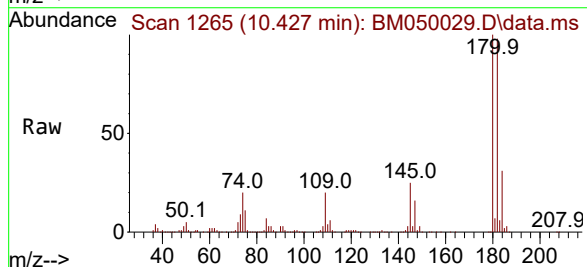
Tgt Ion:180 Resp: 891501

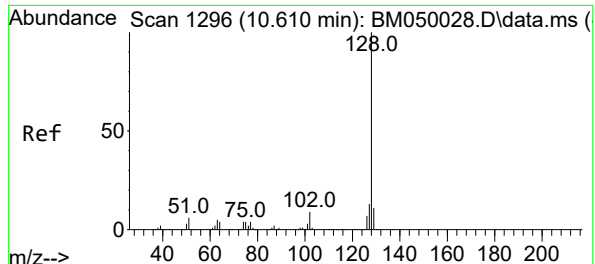
Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.4

145 25.3 20.6 30.8

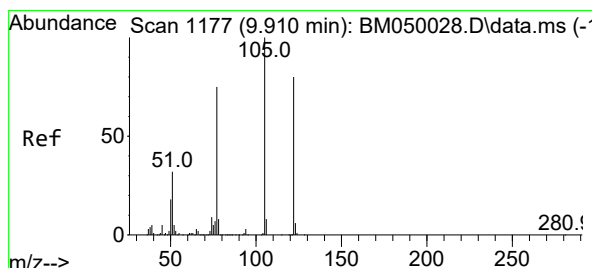
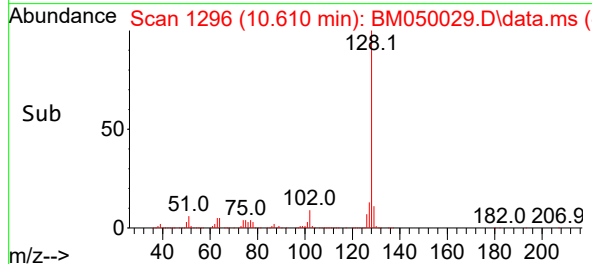
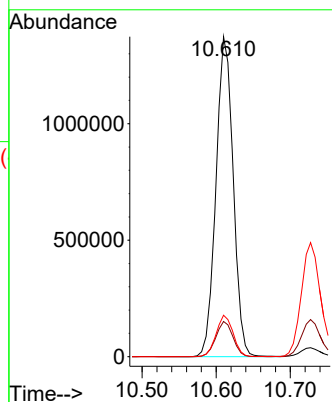
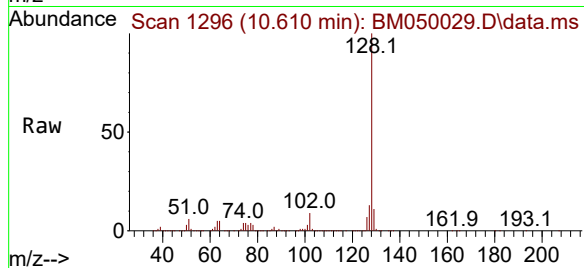




#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

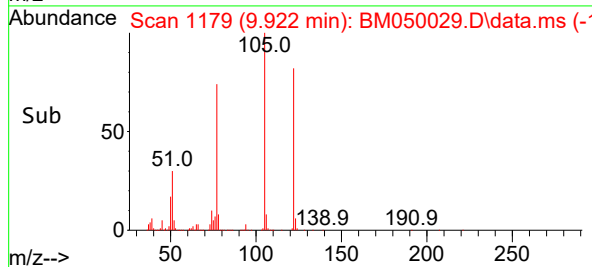
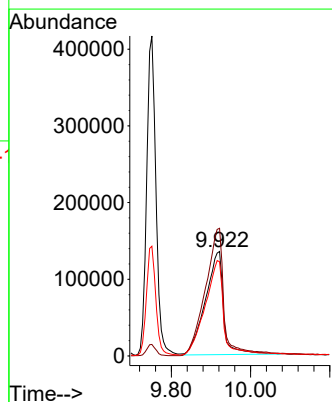
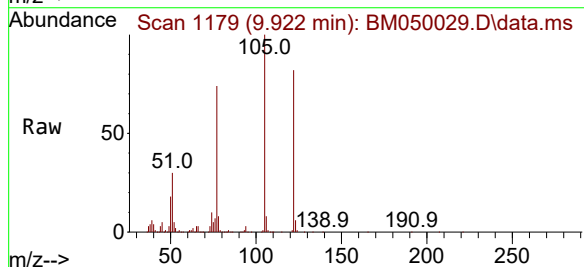
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

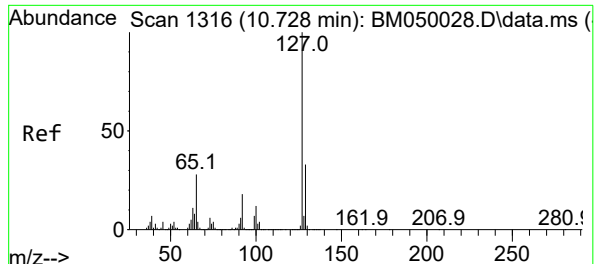
Tgt Ion:128 Resp: 2214025
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557
Ion Ratio Lower Upper
122 100
105 122.2 103.6 143.6
77 90.1 73.7 113.7





#33

4-Chloroaniline

Concen: 53.913 ng

RT: 10.727 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 937309

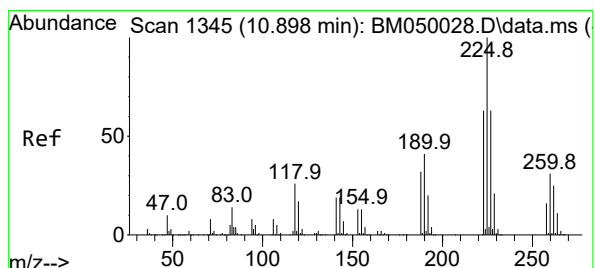
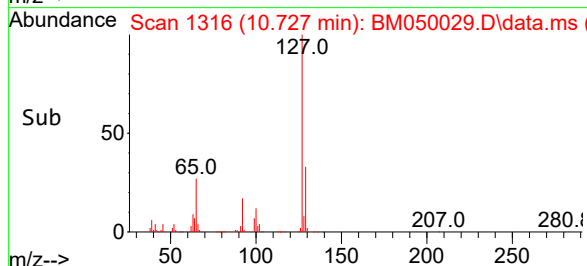
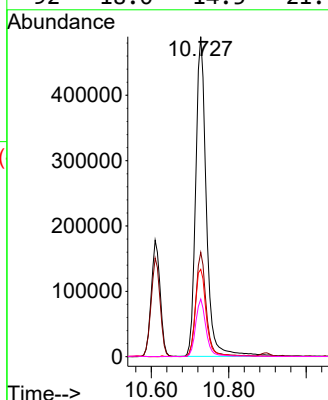
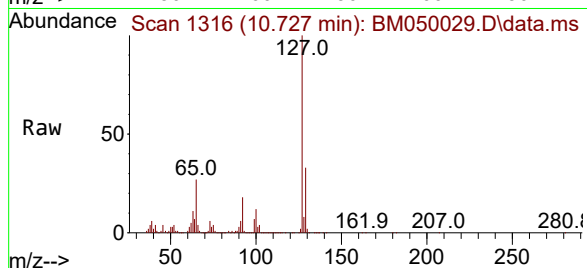
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 27.3 22.5 33.7

92 18.0 14.5 21.7



#34

Hexachlorobutadiene

Concen: 52.471 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

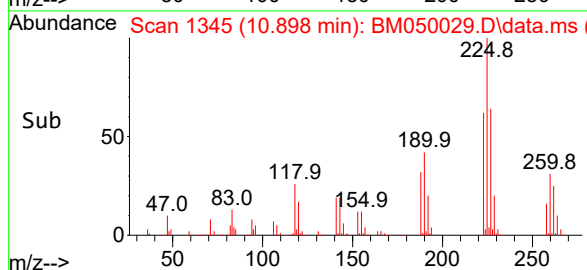
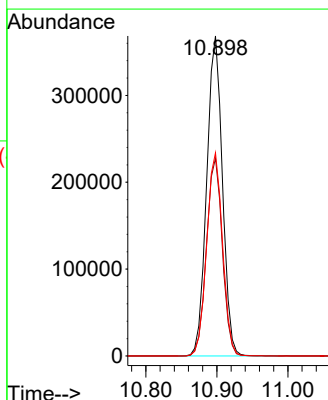
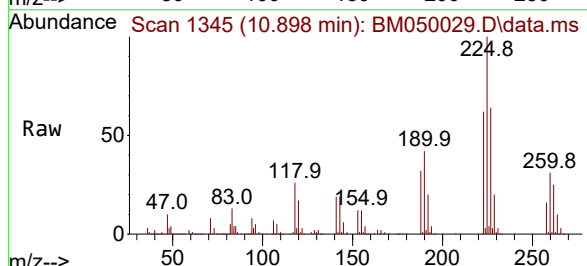
Tgt Ion:225 Resp: 566049

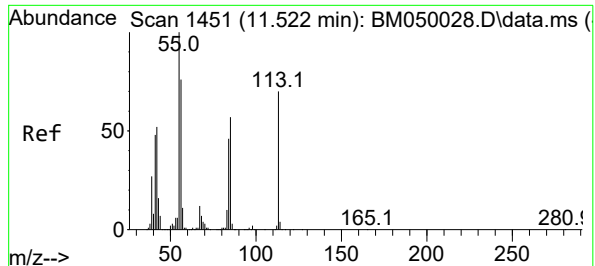
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 63.5 50.6 76.0

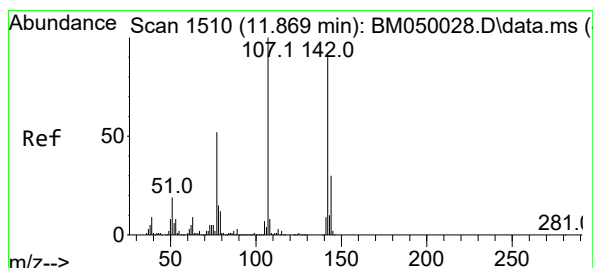
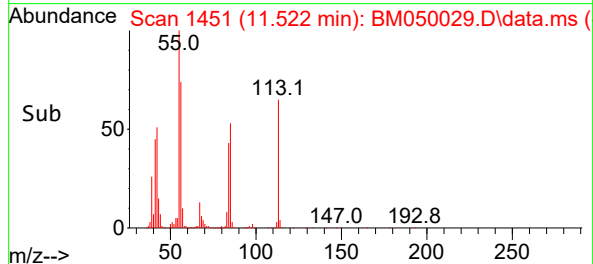
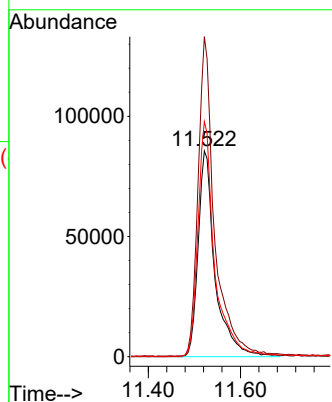
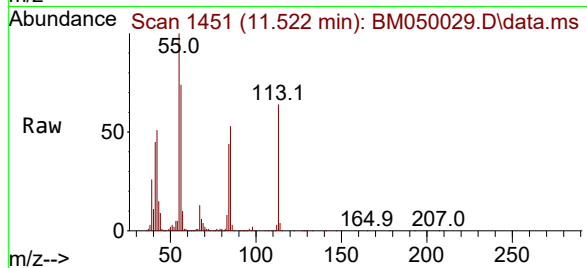




#35
Caprolactam
Concen: 53.741 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

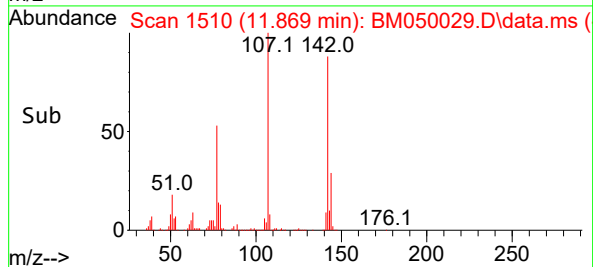
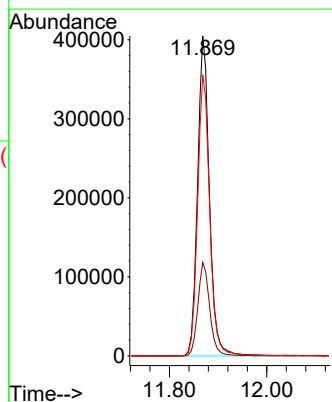
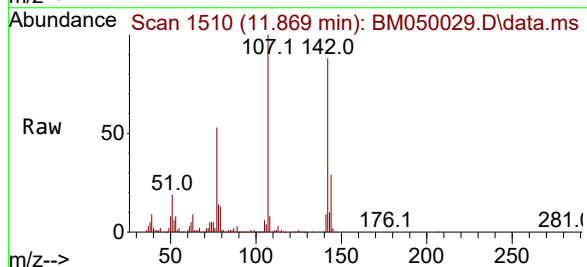
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

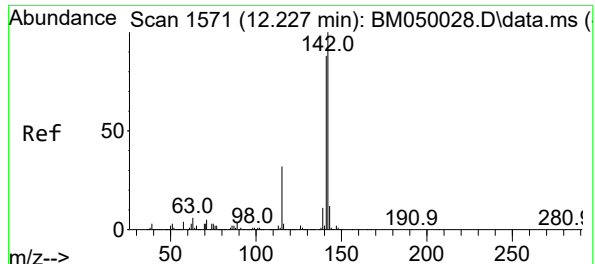
Tgt Ion:113 Resp: 218572
Ion Ratio Lower Upper
113 100
55 155.5 122.9 162.9
56 114.3 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 53.394 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 688099
Ion Ratio Lower Upper
107 100
144 29.2 23.8 35.6
142 87.9 71.9 107.9

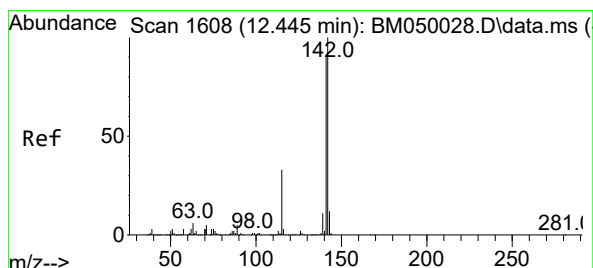
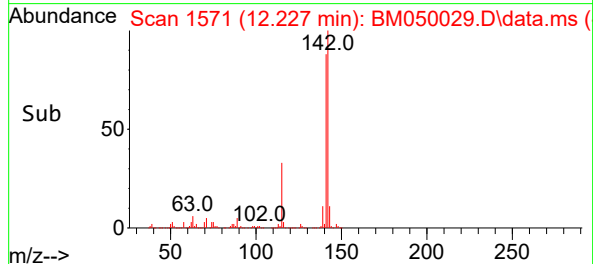
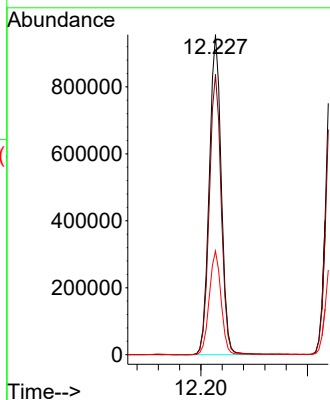
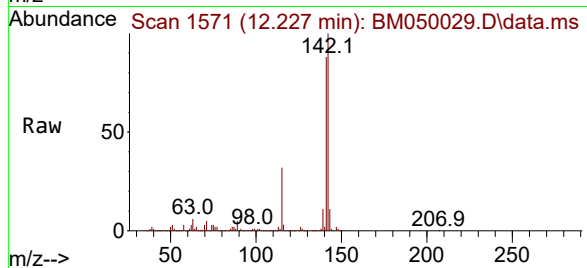




#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

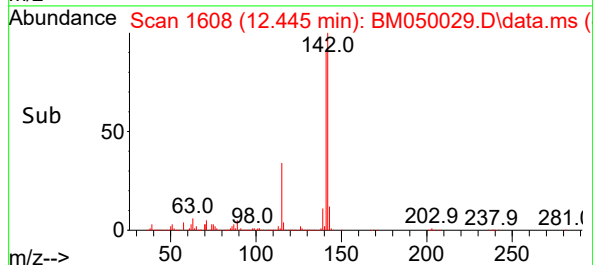
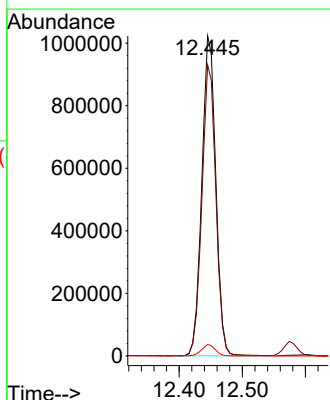
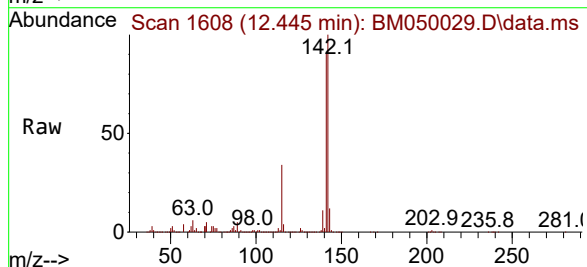
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

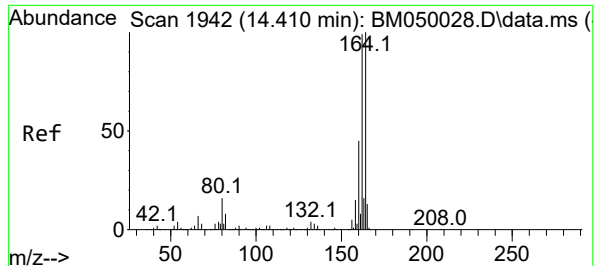
Tgt Ion:142 Resp: 1494348
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 32.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

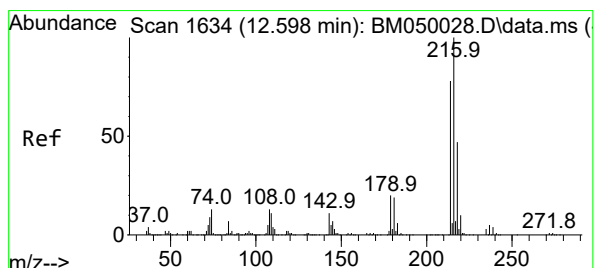
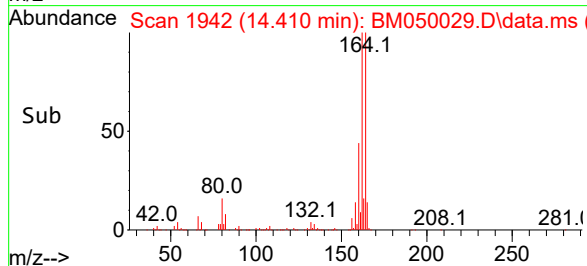
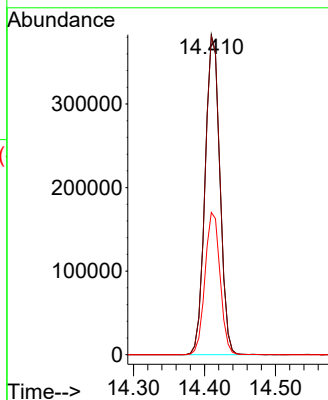
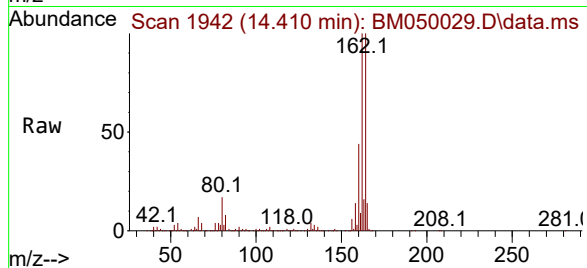
Tgt Ion:164 Resp: 554448

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.822 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

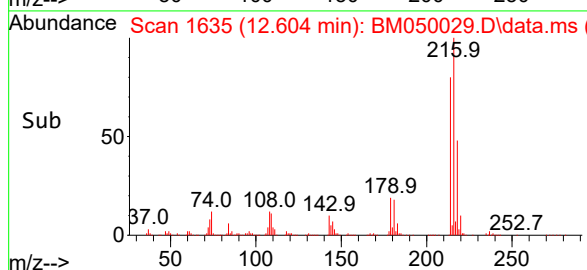
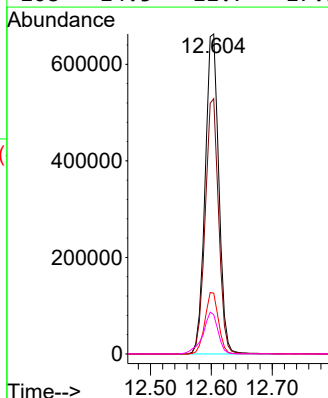
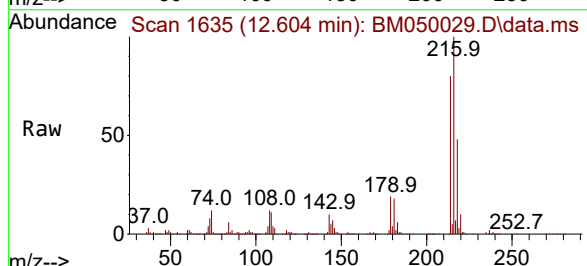
Ion Ratio Lower Upper

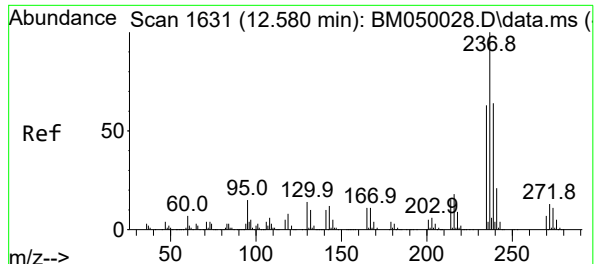
216 100

214 78.6 62.3 93.5

179 19.1 15.4 23.0

108 14.5 11.7 17.5

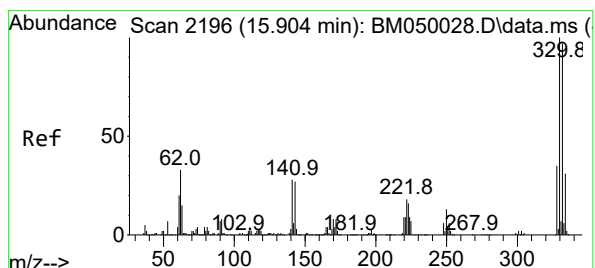
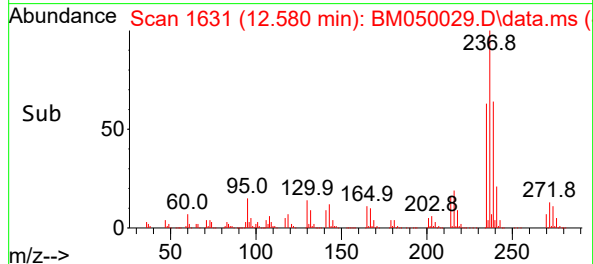
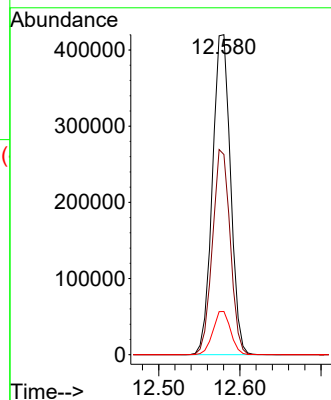
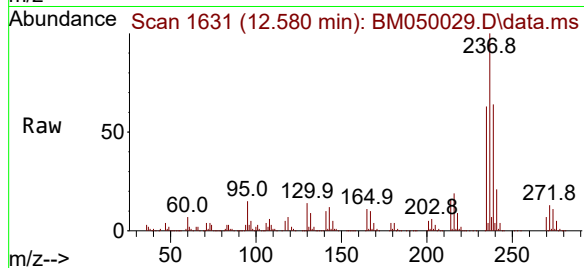




#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

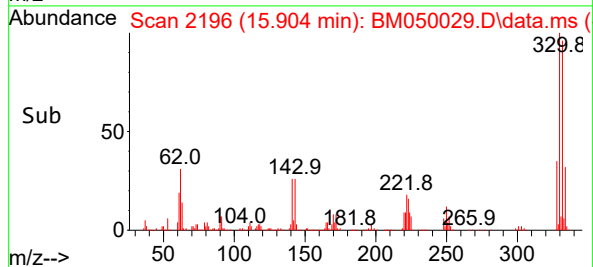
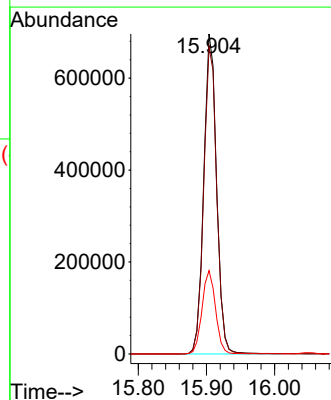
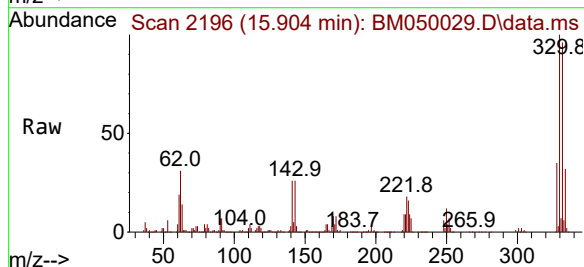
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

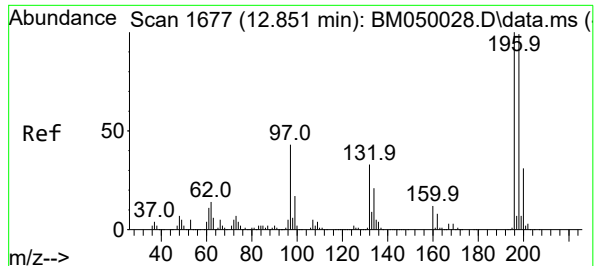
Tgt Ion:237 Resp: 649060
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.3 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 55.275 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

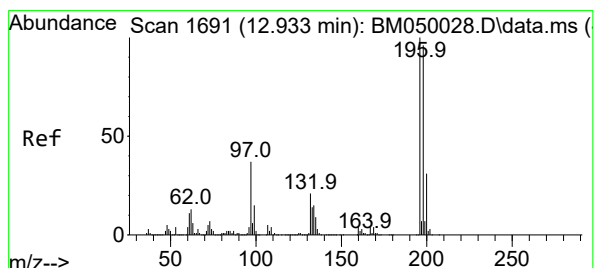
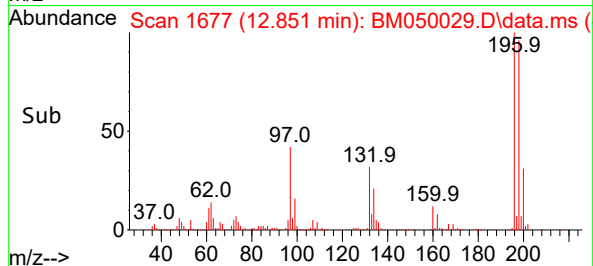
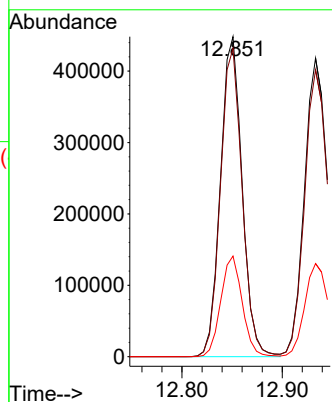
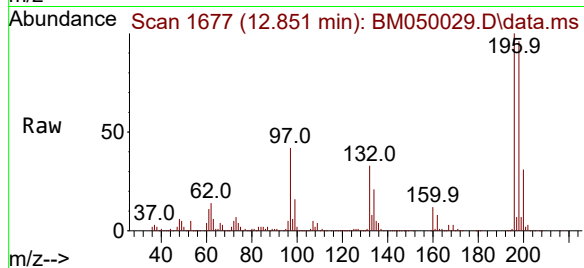
Tgt Ion:196 Resp: 672901

Ion Ratio Lower Upper

196 100

198 96.4 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 54.841 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

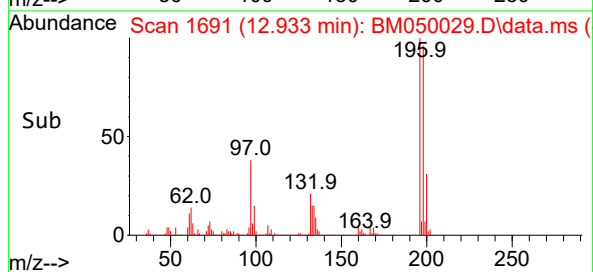
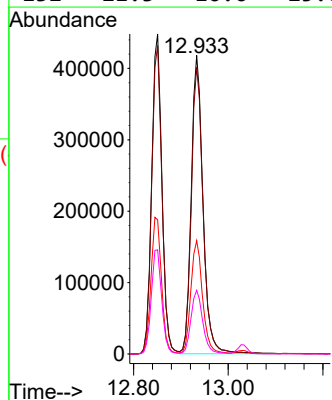
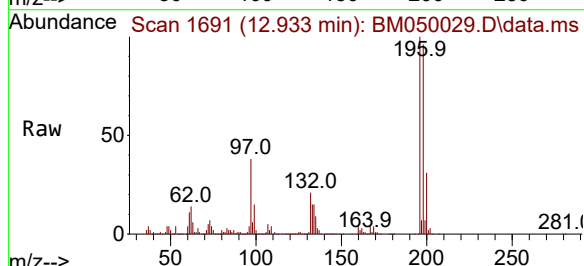
Ion Ratio Lower Upper

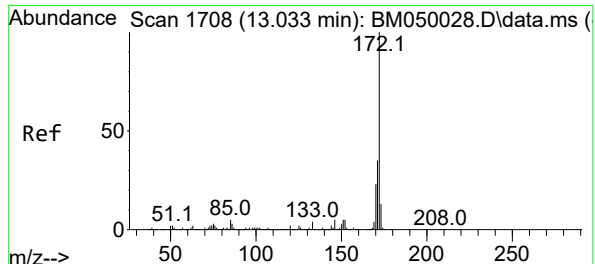
196 100

198 96.1 76.7 115.1

97 37.9 30.1 45.1

132 21.3 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 107.775 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

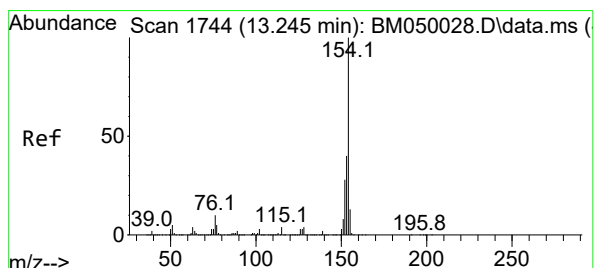
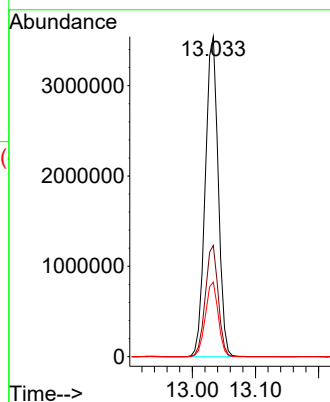
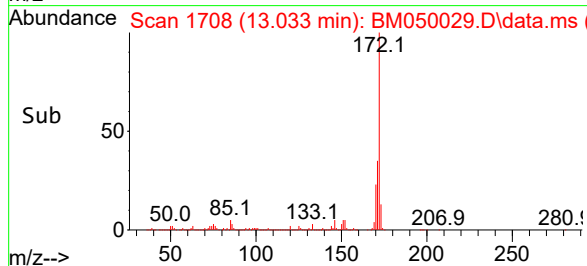
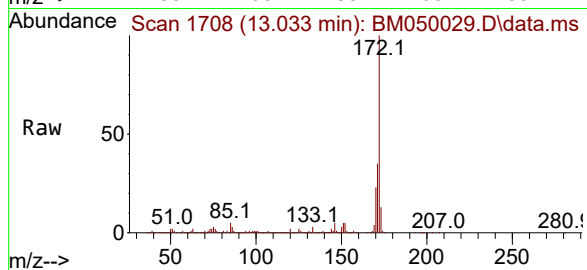
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0



#46

1,1'-Biphenyl

Concen: 53.185 ng

RT: 13.245 min Scan# 1744

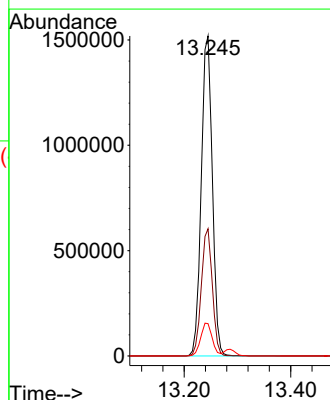
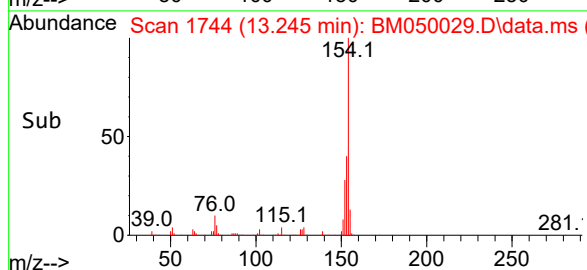
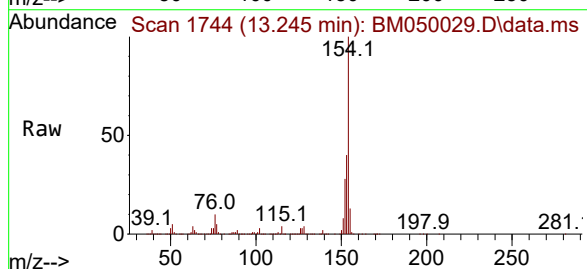
Delta R.T. -0.000 min

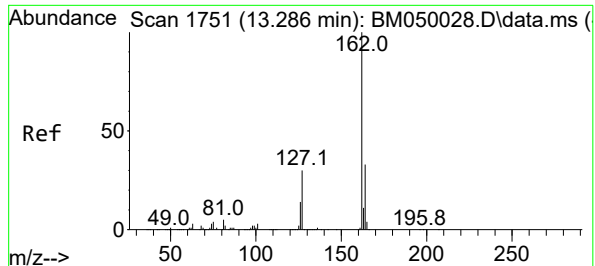
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3





#47

2-Chloronaphthalene

Concen: 52.989 ng

RT: 13.286 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BM050029.D

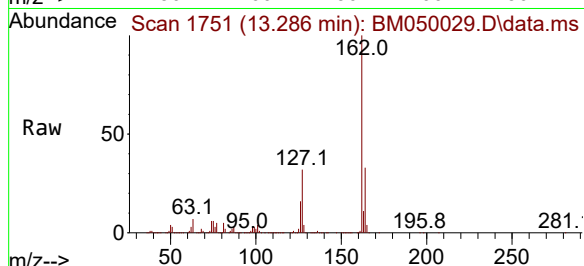
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



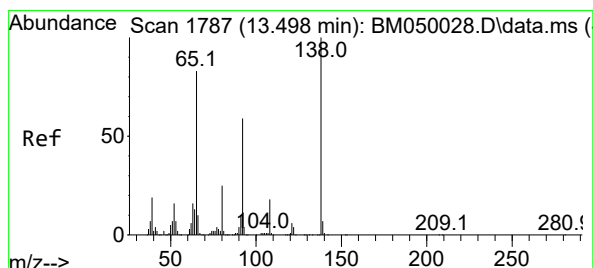
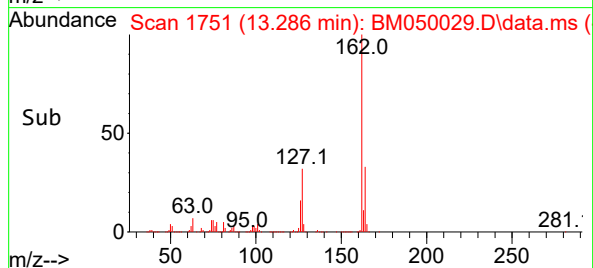
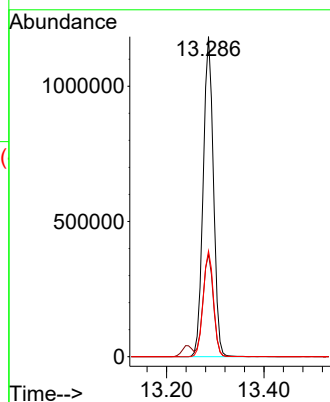
Tgt Ion:162 Resp: 1729678

Ion	Ratio	Lower	Upper

162	100		

127	32.1	25.9	38.9

164	33.1	26.6	40.0



#48

2-Nitroaniline

Concen: 55.016 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

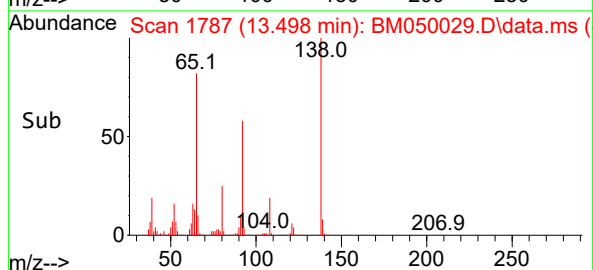
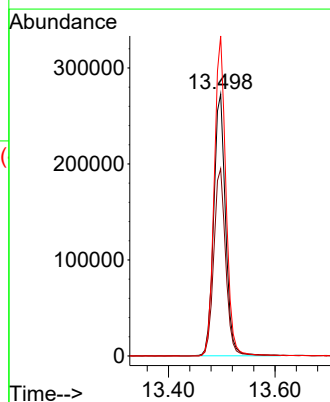
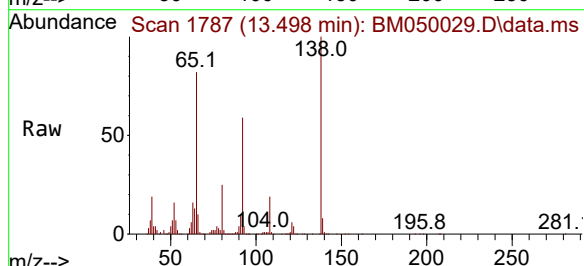
Tgt Ion: 65 Resp: 421489

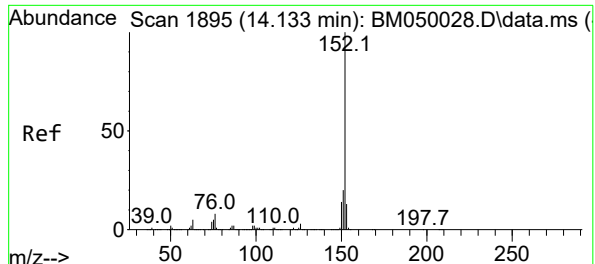
Ion	Ratio	Lower	Upper

65	100		

92	71.5	57.1	85.7

138	122.2	97.0	145.4





#49

Acenaphthylene

Concen: 53.082 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

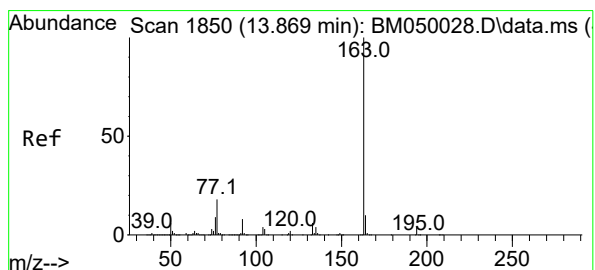
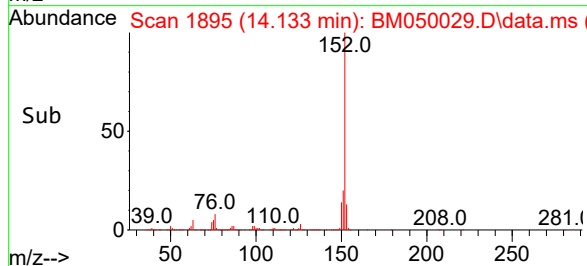
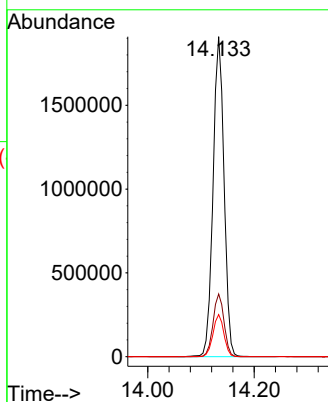
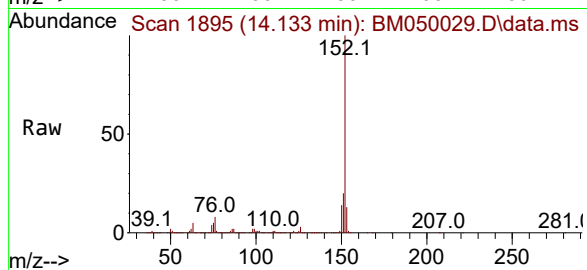
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8



#50

Dimethylphthalate

Concen: 52.770 ng

RT: 13.874 min Scan# 1851

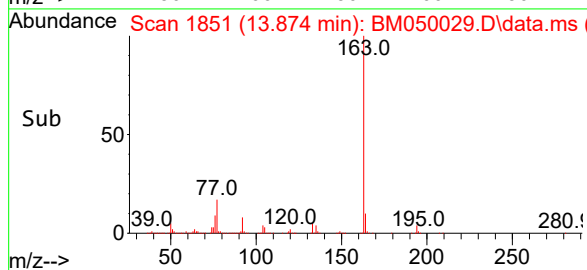
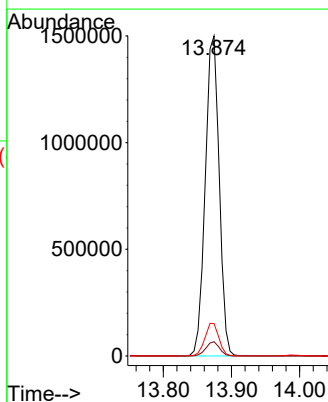
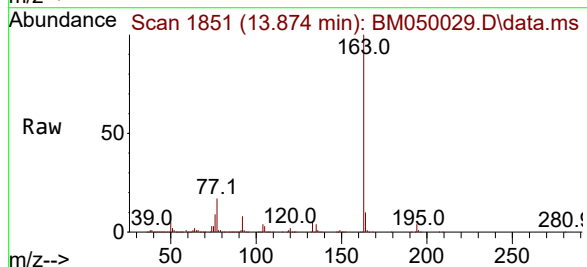
Delta R.T. 0.006 min

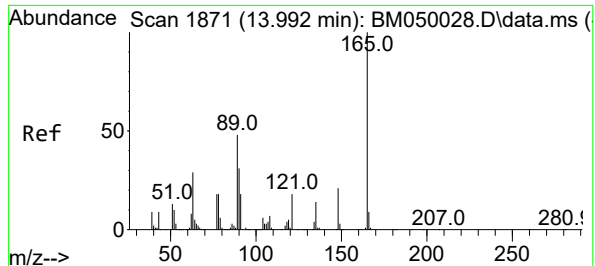
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 54.650 ng

RT: 13.992 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM050029.D

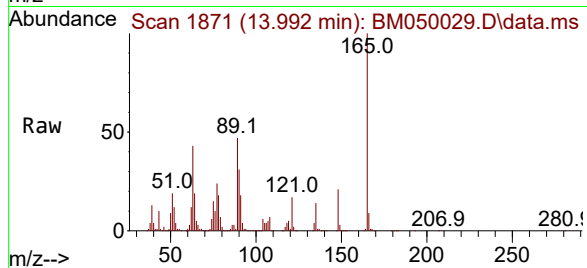
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

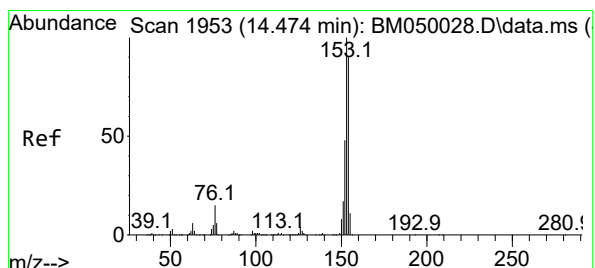
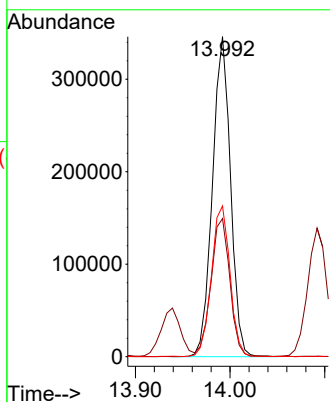
ClientSampleId :

SSTDICC050



Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6



#52

Acenaphthene

Concen: 53.287 ng

RT: 14.474 min Scan# 1953

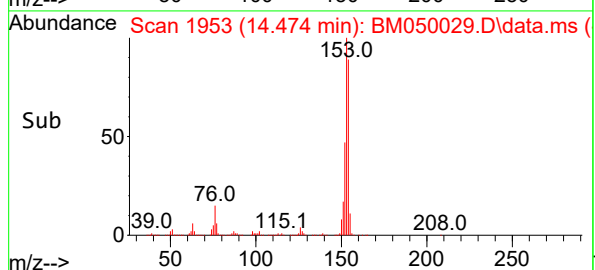
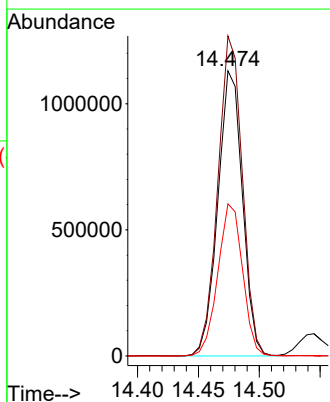
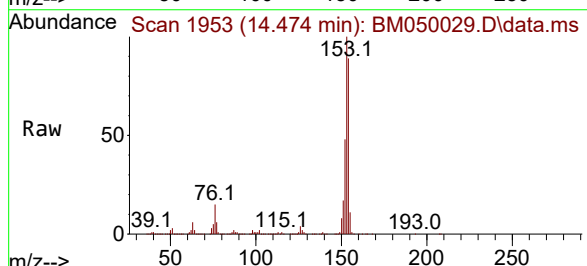
Delta R.T. -0.000 min

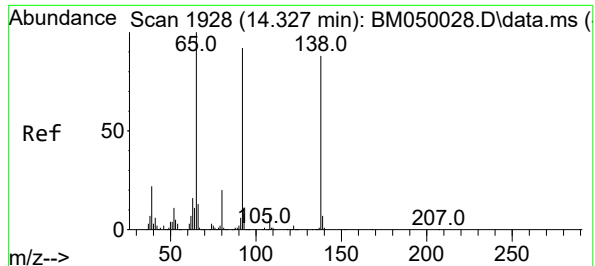
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6

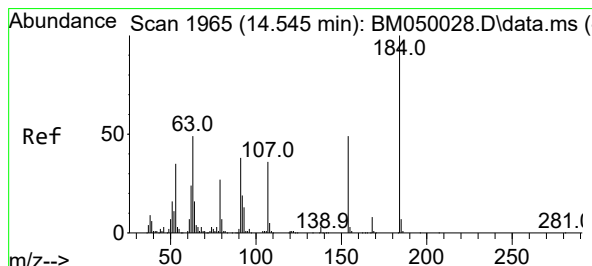
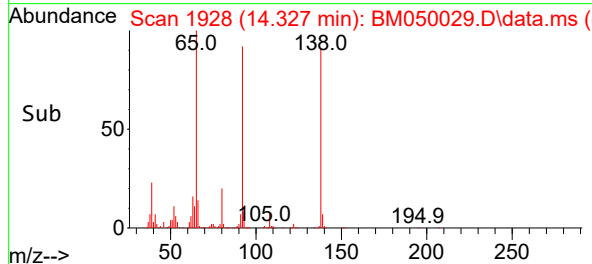
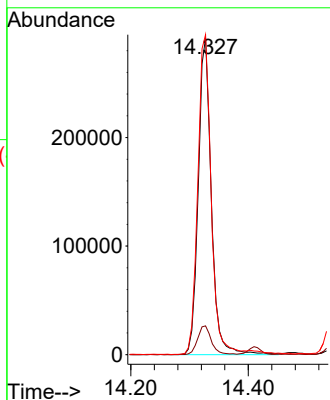
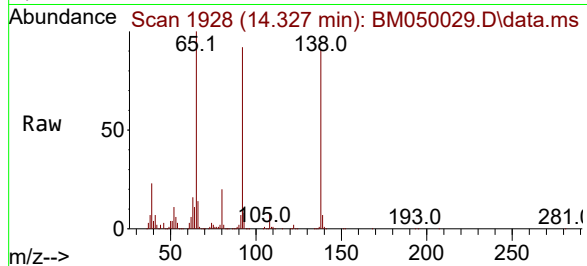




#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

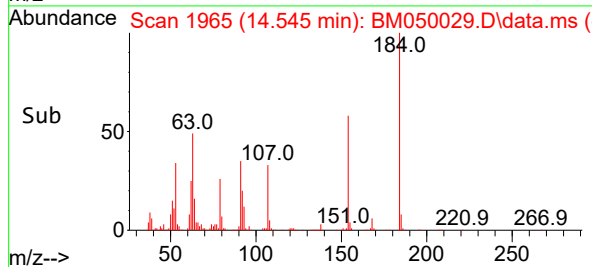
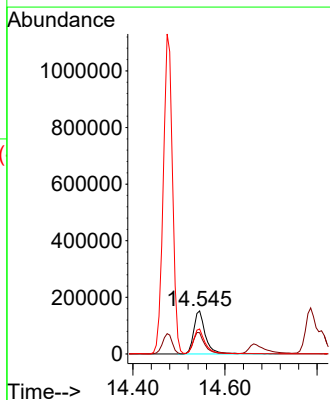
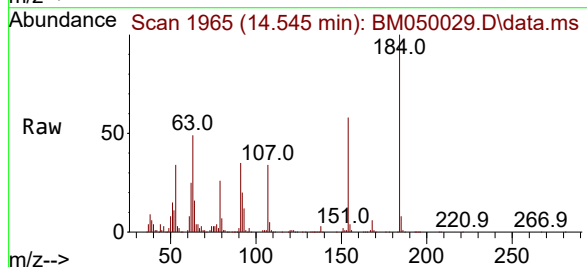
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

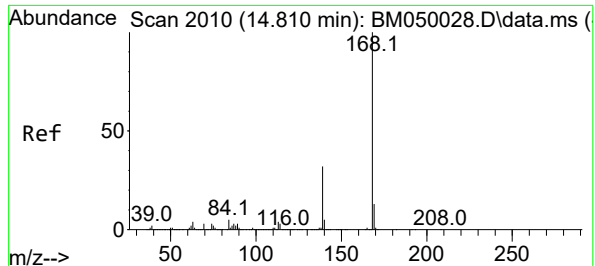
Tgt Ion:138 Resp: 450021
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 101.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515
Ion Ratio Lower Upper
184 100
63 49.3 39.8 59.6
154 58.0 46.1 69.1

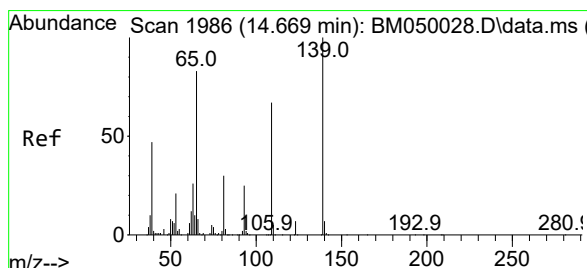
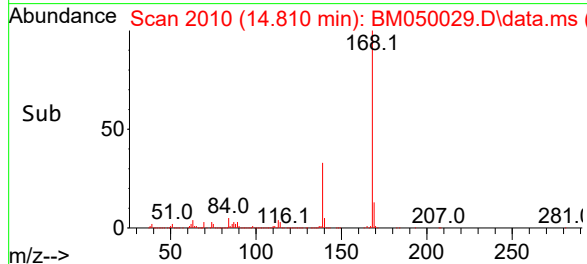
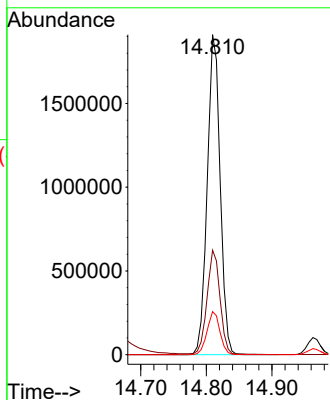
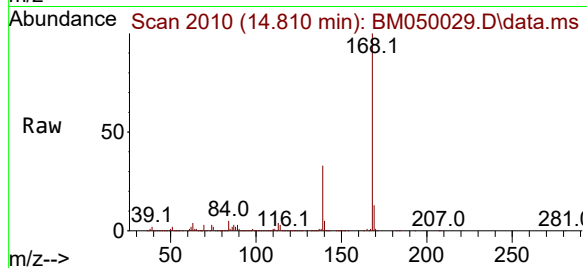




#55
Dibenzenofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

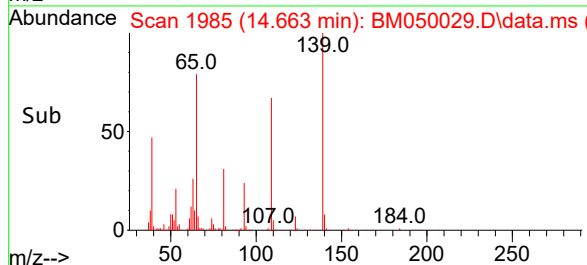
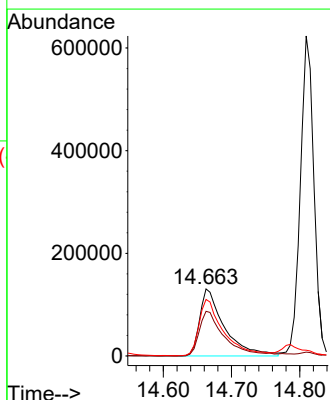
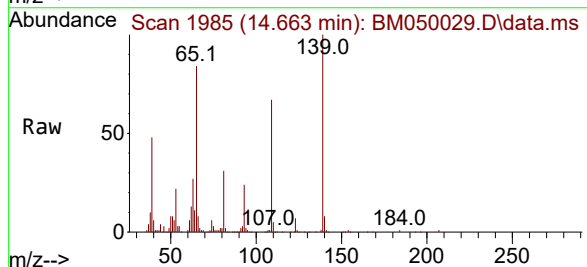
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

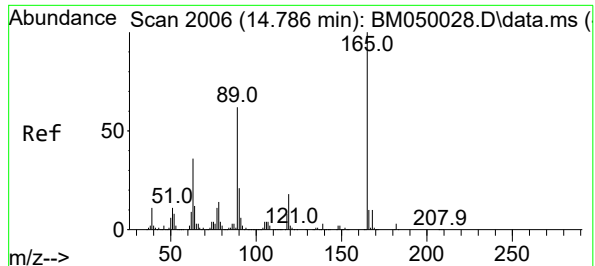
Tgt Ion:168 Resp: 2617489
Ion Ratio Lower Upper
168 100
139 32.6 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078
Ion Ratio Lower Upper
139 100
109 66.7 47.0 87.0
65 84.3 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 55.921 ng

RT: 14.786 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 648262

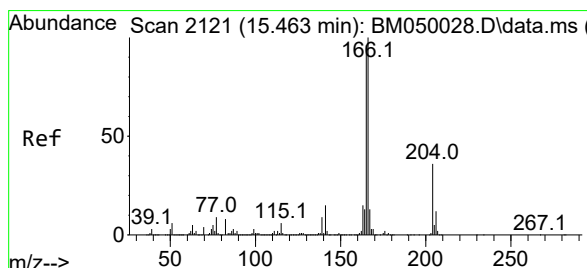
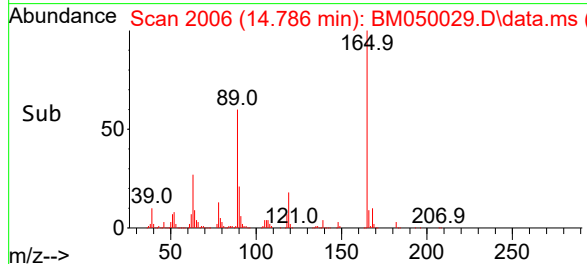
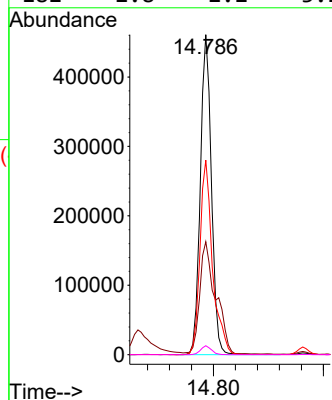
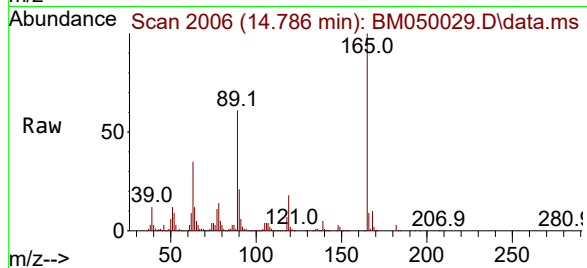
Ion Ratio Lower Upper

165 100

63 35.3 29.0 43.6

89 60.8 49.4 74.2

182 2.8 2.2 3.2



#58

Fluorene

Concen: 53.740 ng

RT: 15.462 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

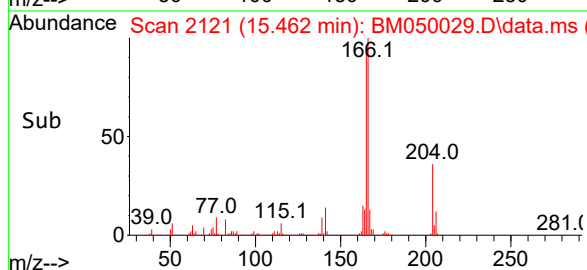
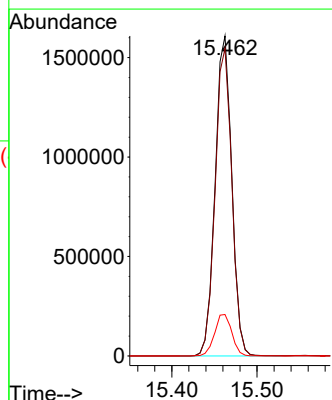
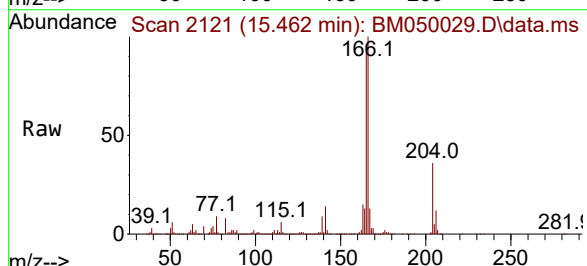
Tgt Ion:166 Resp: 2180247

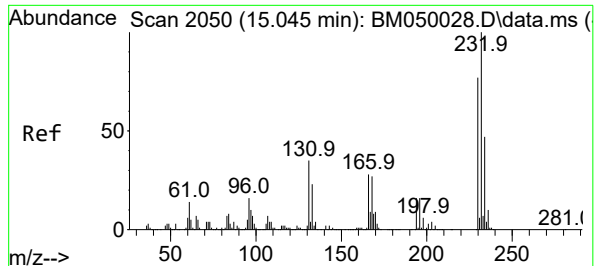
Ion Ratio Lower Upper

166 100

165 96.1 76.6 115.0

167 13.0 10.6 16.0

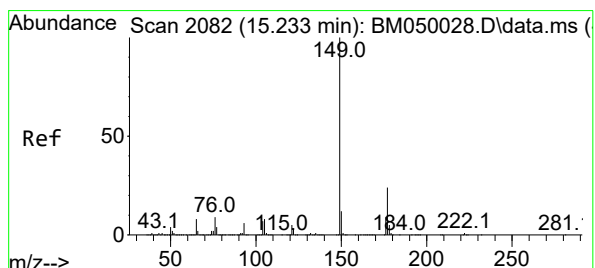
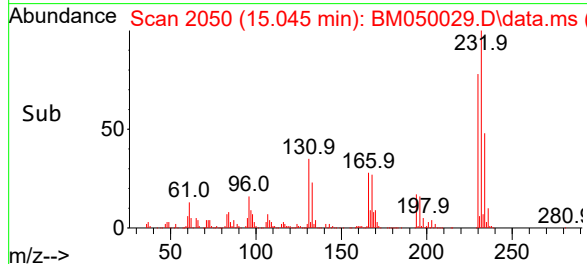
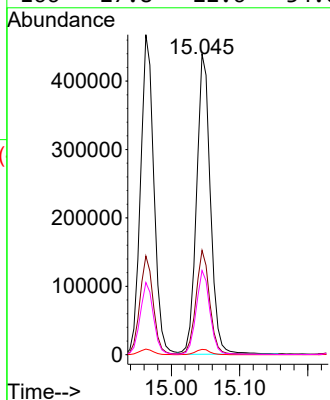
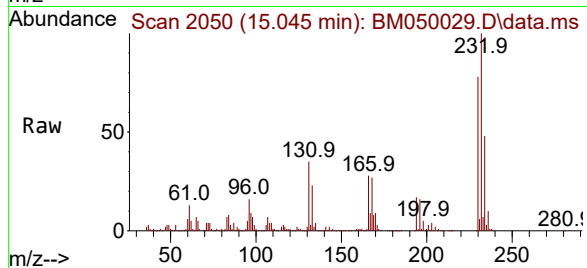




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

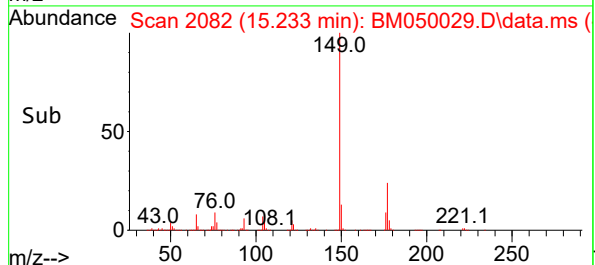
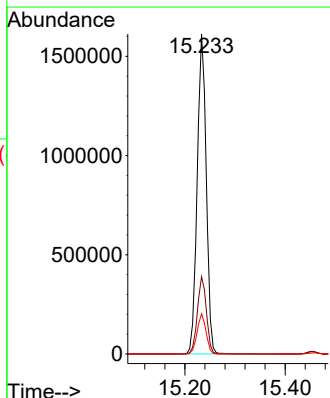
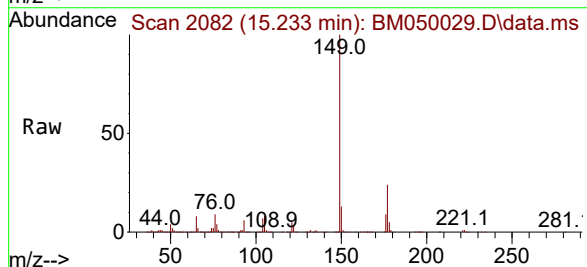
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

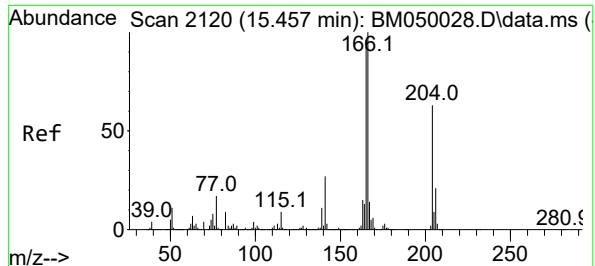
Tgt Ion:232 Resp: 617151
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.5 9.6 14.4

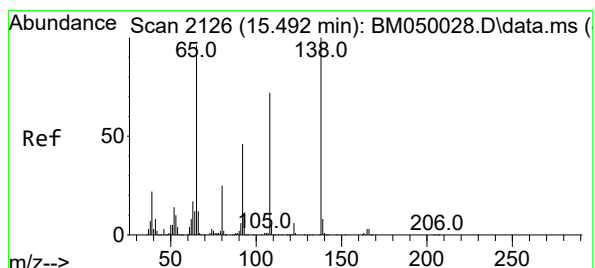
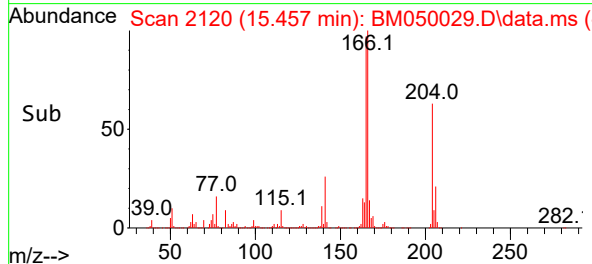
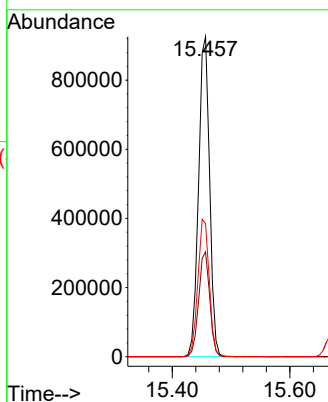
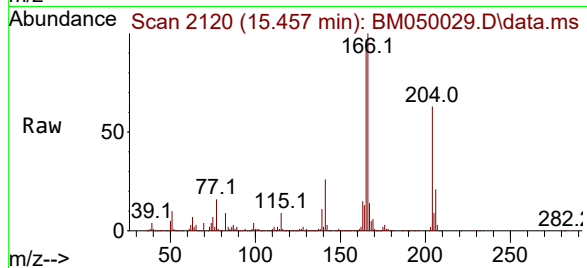




#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

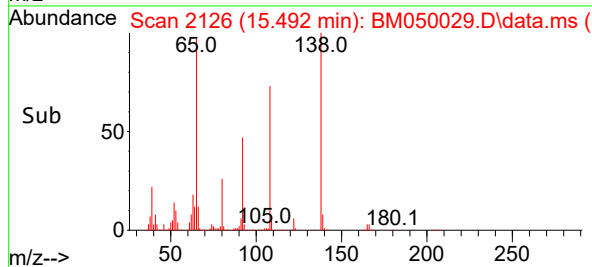
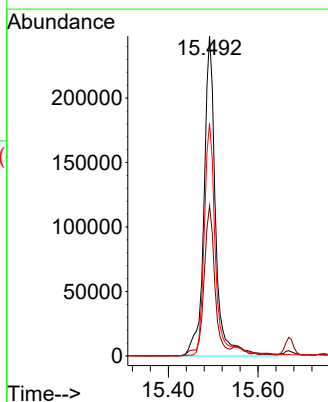
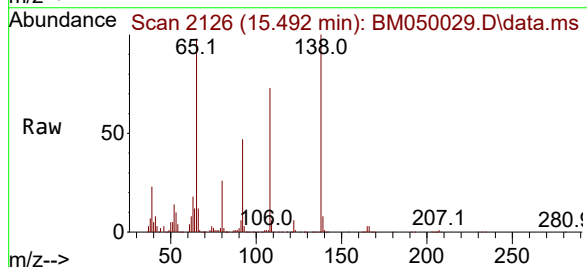
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

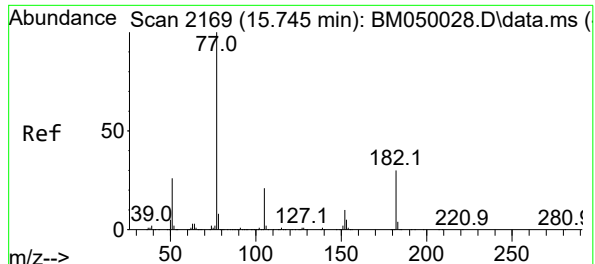
Tgt Ion:204 Resp: 1207514
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 41.6 34.0 51.0



#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520
Ion Ratio Lower Upper
138 100
92 46.9 25.9 65.9
108 72.7 52.4 92.4

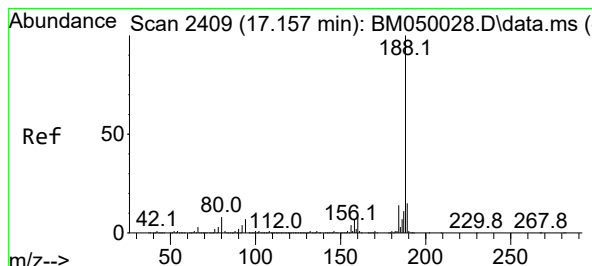
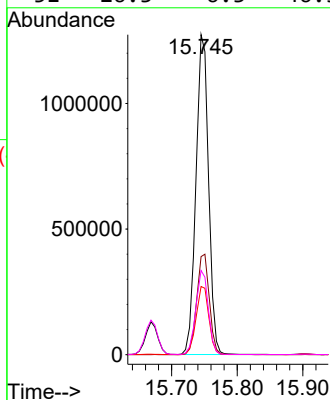
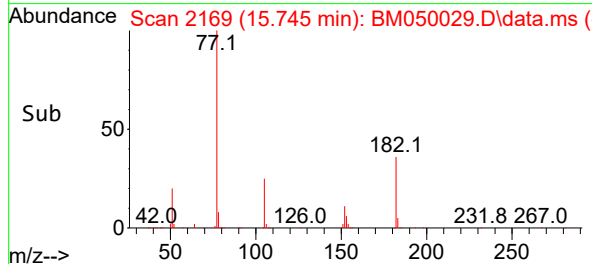
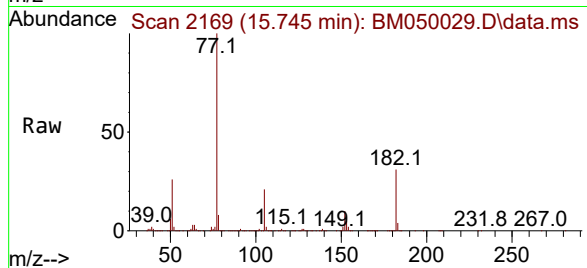




#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

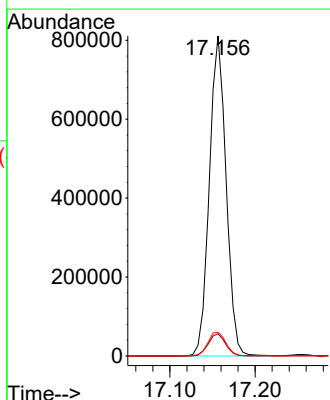
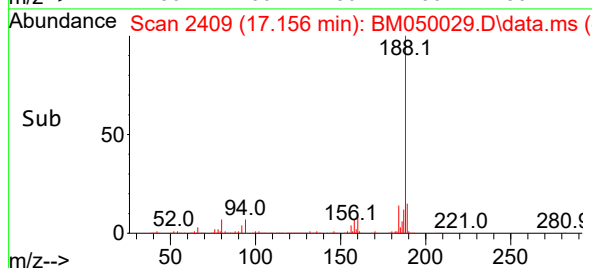
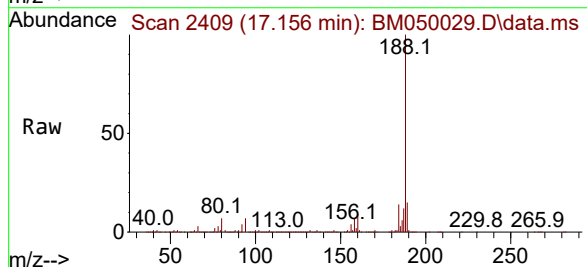
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

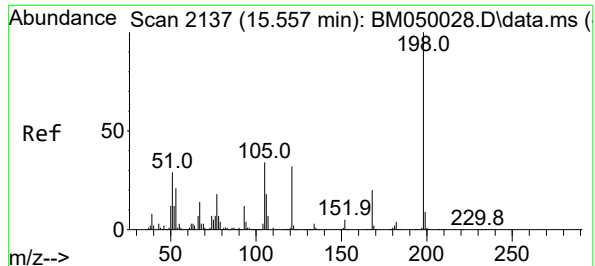
Tgt Ion: 77 Resp: 1703932
Ion Ratio Lower Upper
77 100
182 30.7 10.5 50.5
105 21.3 1.1 41.1
51 26.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 188 Resp: 1105769
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.4 6.2 9.4

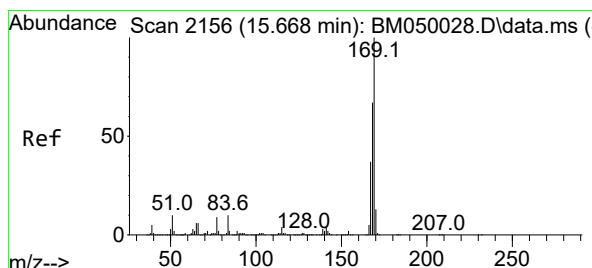
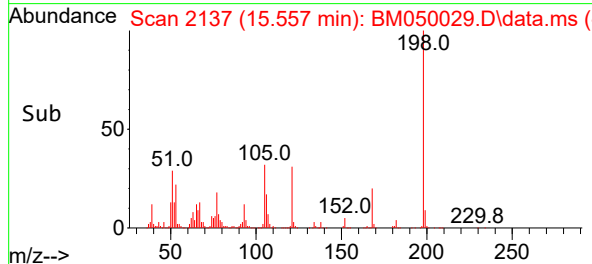
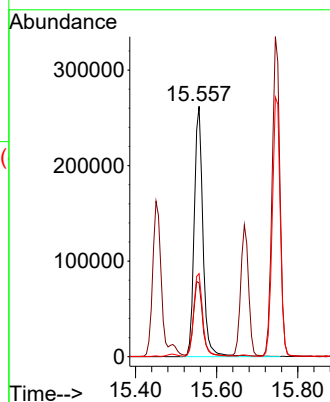
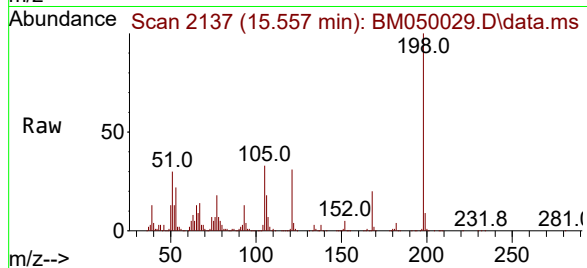




#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

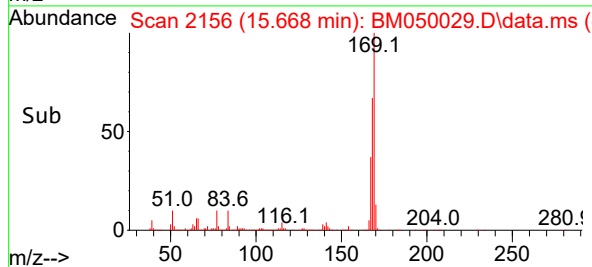
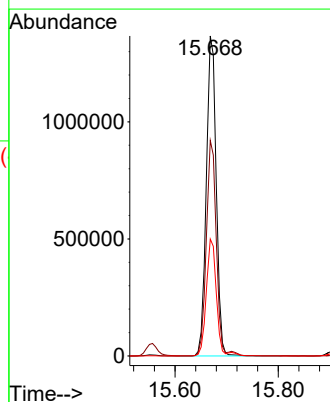
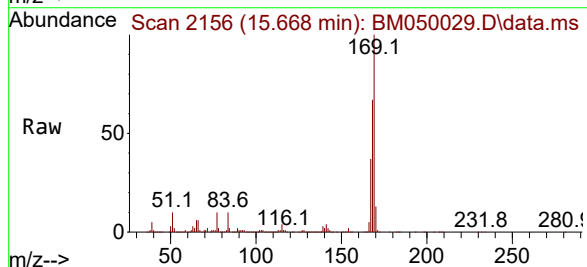
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

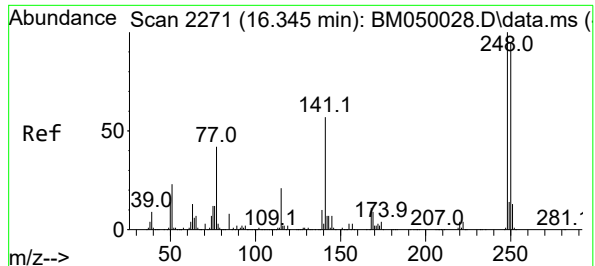
Tgt Ion:198 Resp: 393191
Ion Ratio Lower Upper
198 100
51 29.5 10.4 50.4
105 33.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:169 Resp: 1815723
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.5 29.4 44.0

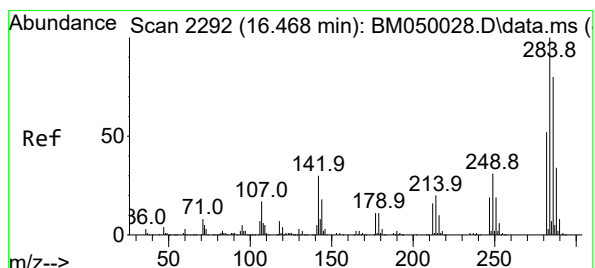
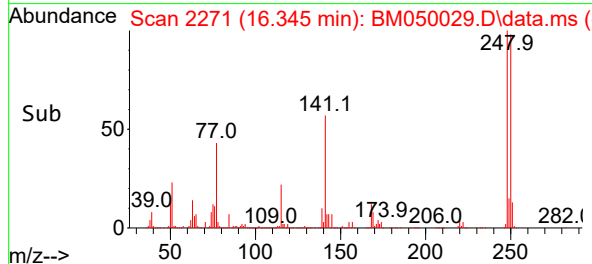
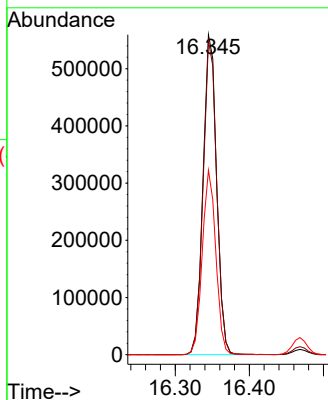
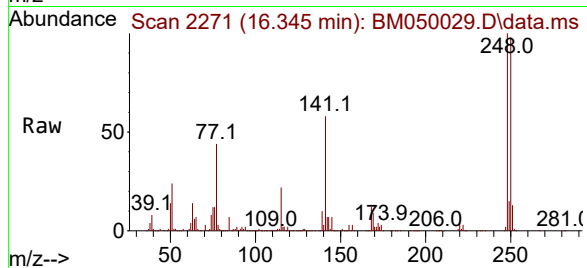




#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

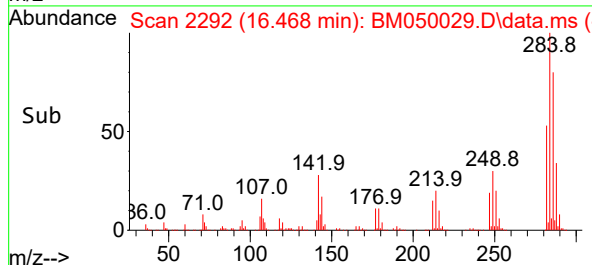
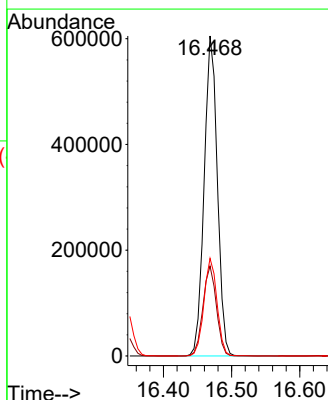
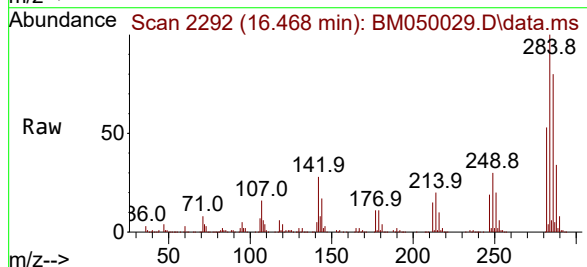
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

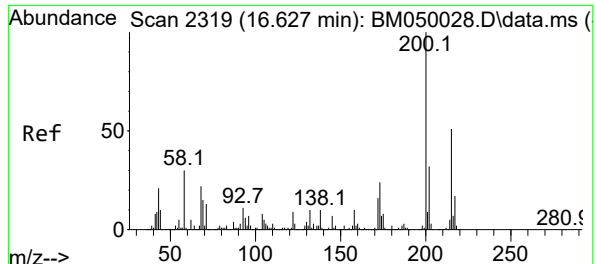
Tgt Ion:248 Resp: 713498
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.2
141 57.6 45.9 68.9



#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 30.5 24.5 36.7

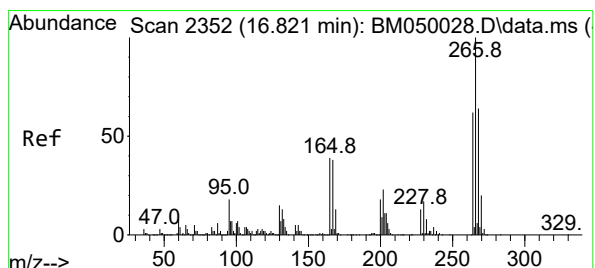
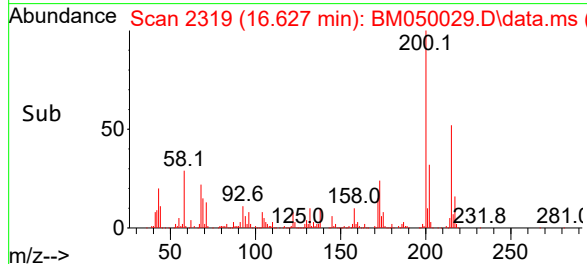
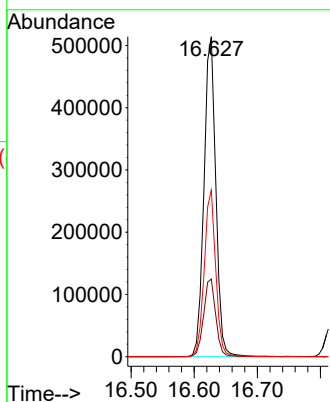
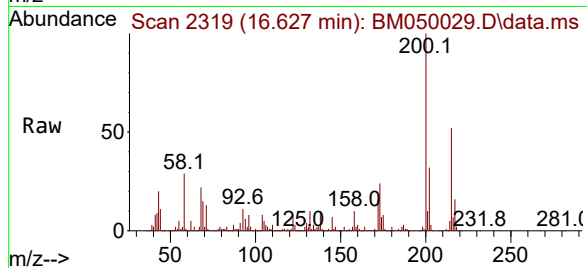




#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

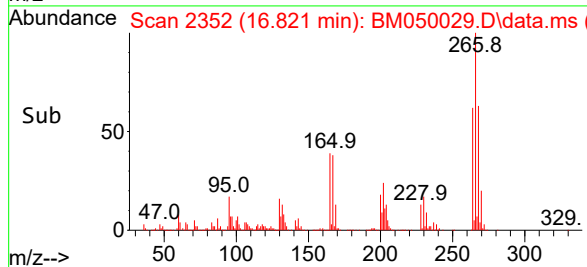
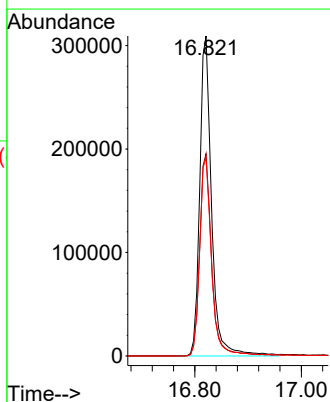
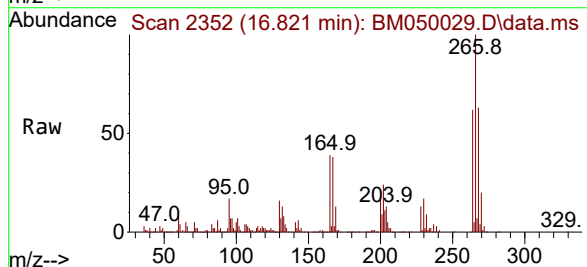
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

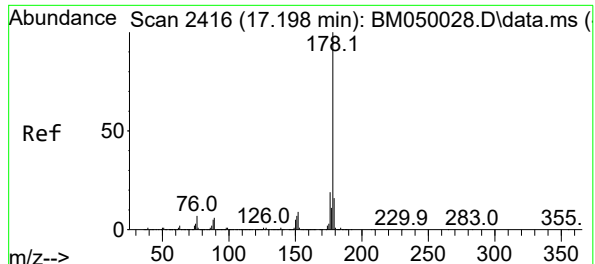
Tgt Ion:200 Resp: 669330
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 52.1 30.6 70.6



#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 62.0 49.6 74.4

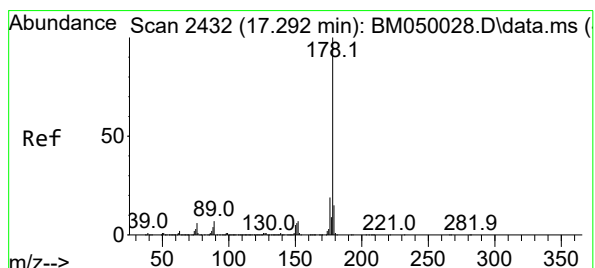
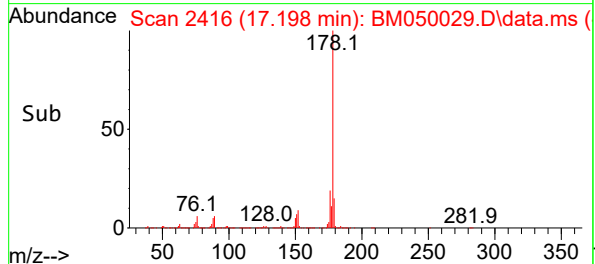
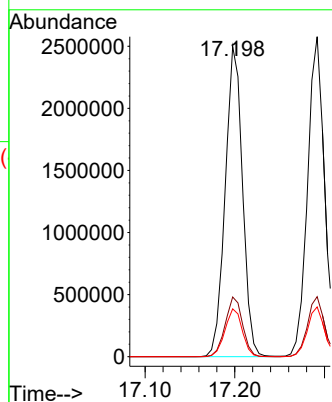
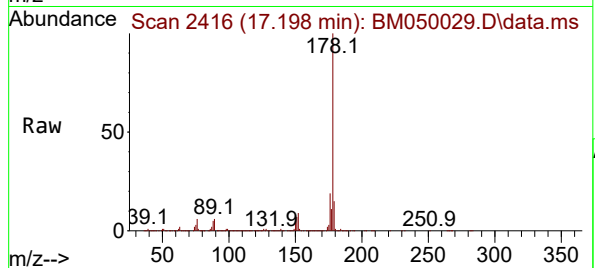




#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

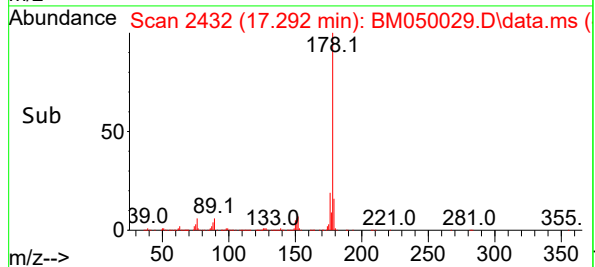
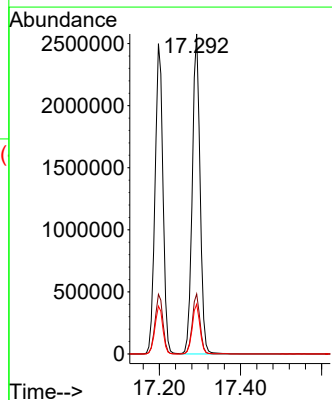
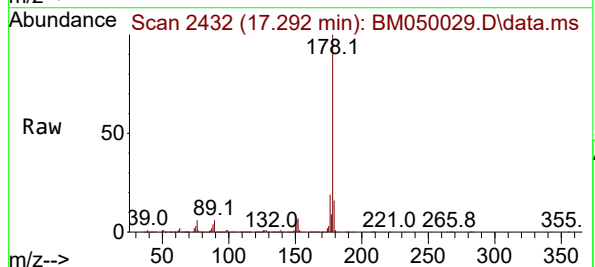
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

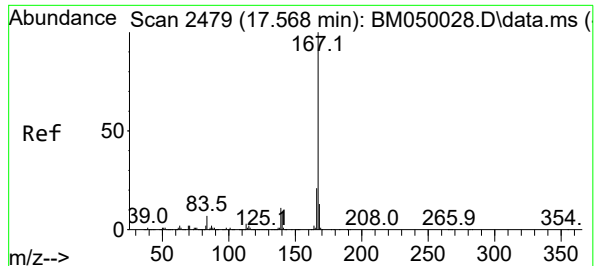
Tgt Ion:178 Resp: 3349195
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4

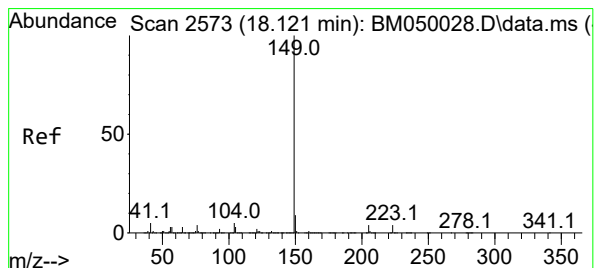
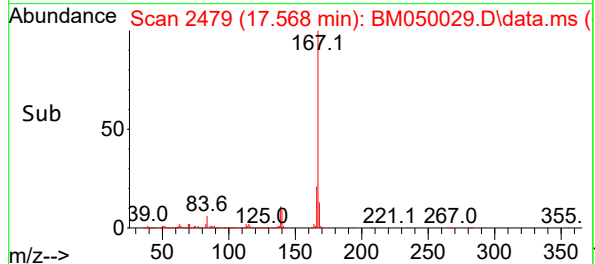
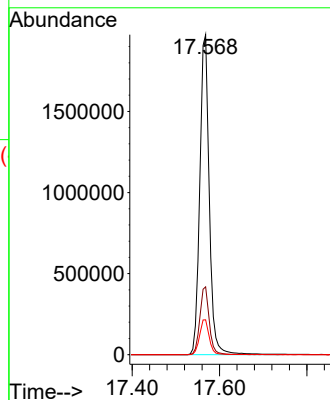
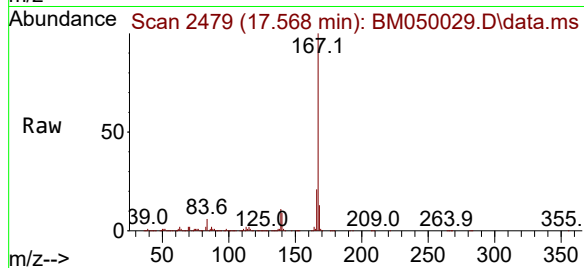




#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

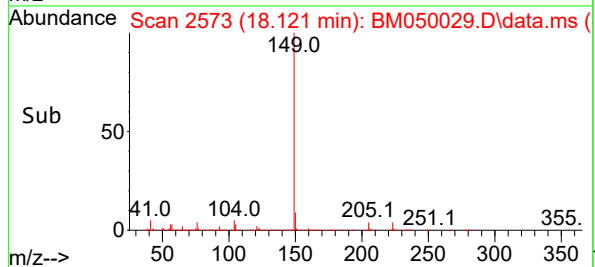
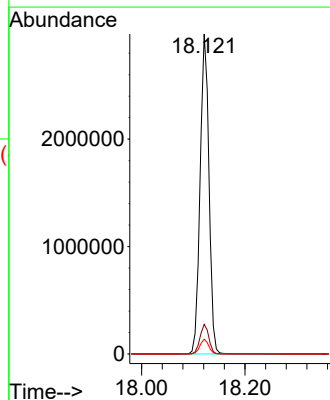
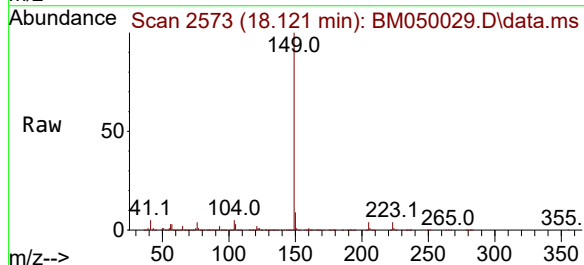
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

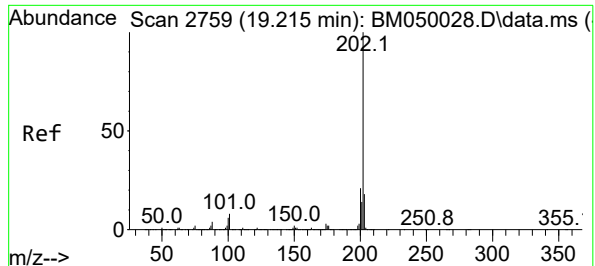
Tgt Ion:167 Resp: 2971695
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.9 9.0 13.6



#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.8 5.6

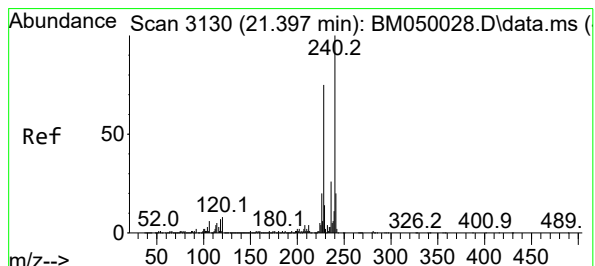
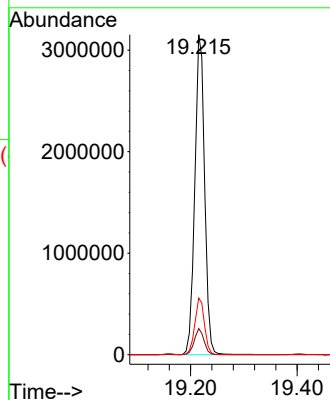
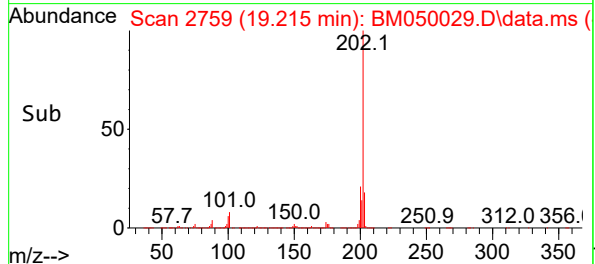
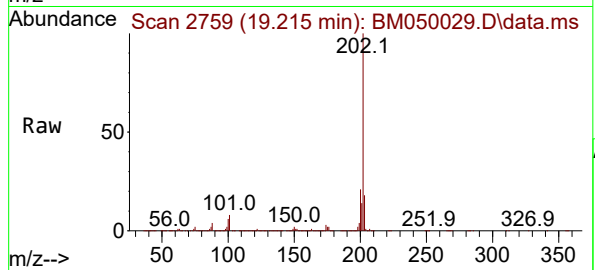




#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

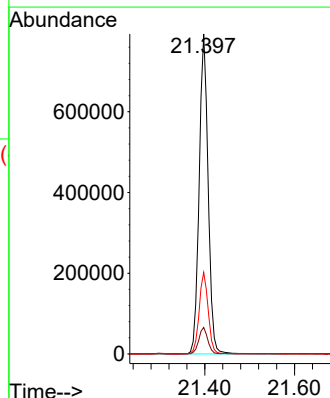
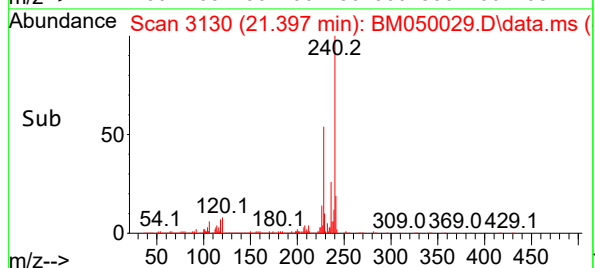
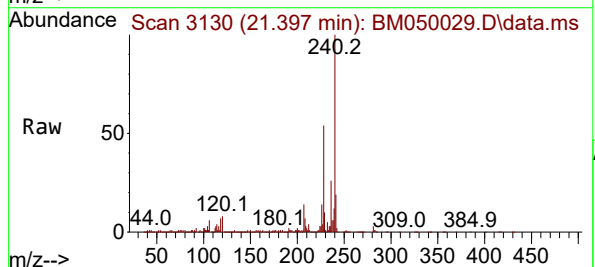
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

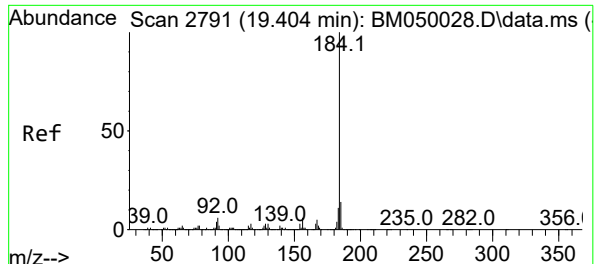
Tgt Ion:202 Resp: 4021516
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.5 20.9 31.3

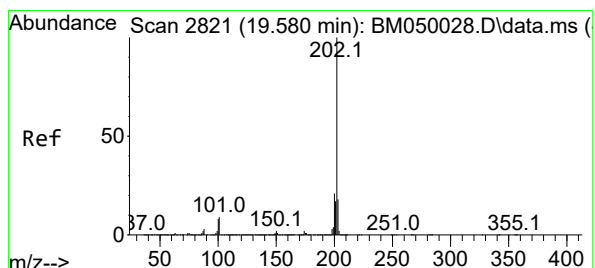
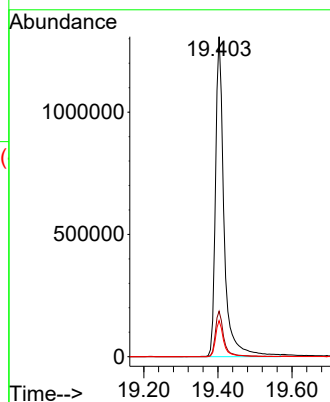
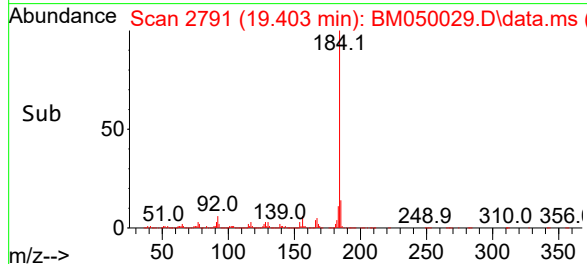
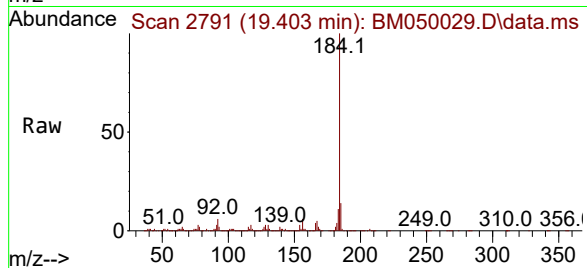




#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

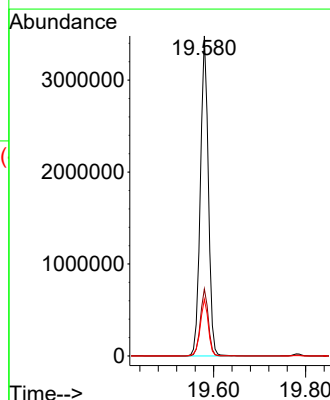
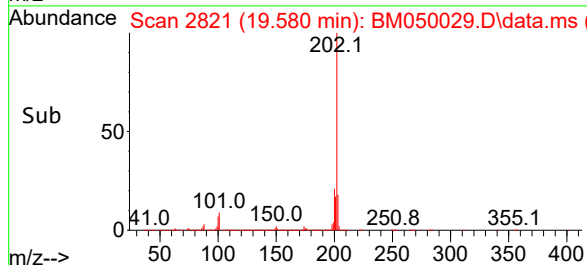
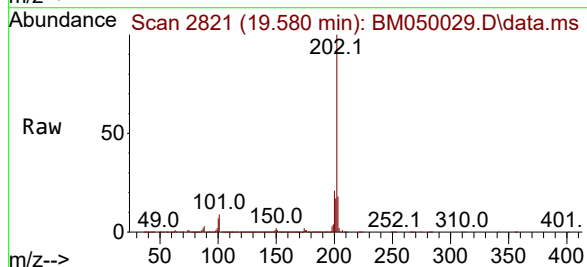
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

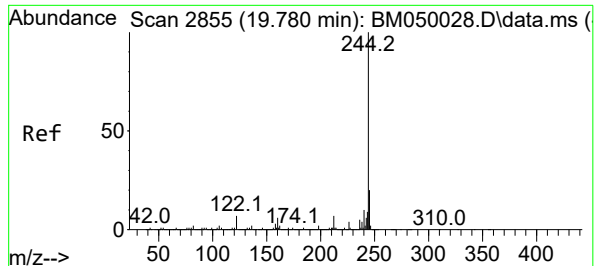
Tgt Ion:184 Resp: 2110748
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1

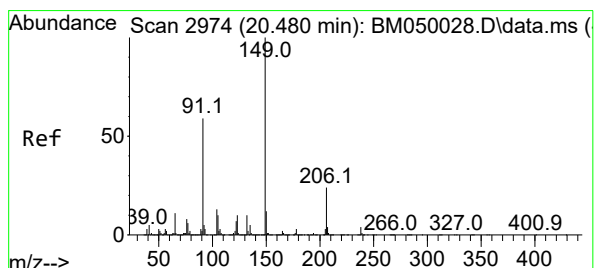
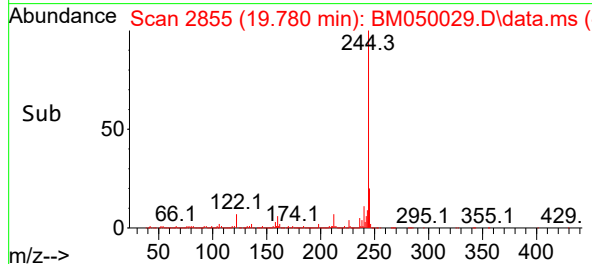
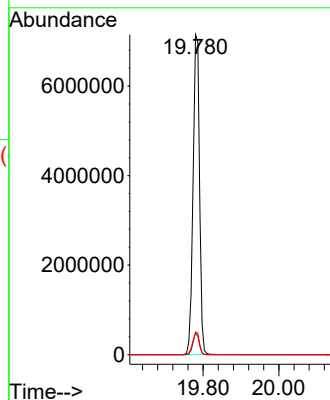
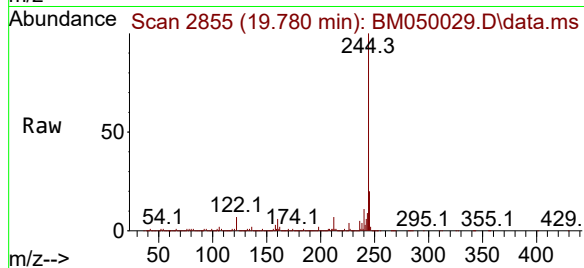




#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

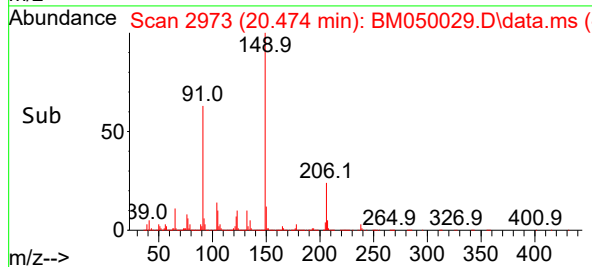
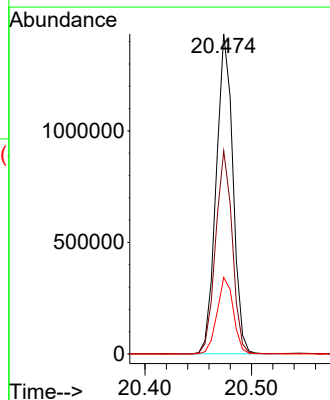
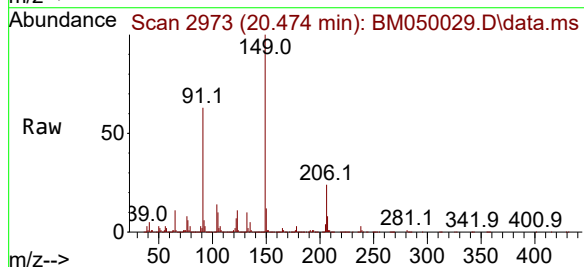
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

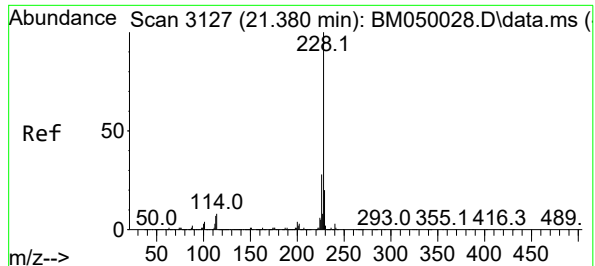
Tgt Ion:244 Resp: 8457811
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463
Ion Ratio Lower Upper
149 100
91 63.4 47.4 71.2
206 23.9 19.4 29.0

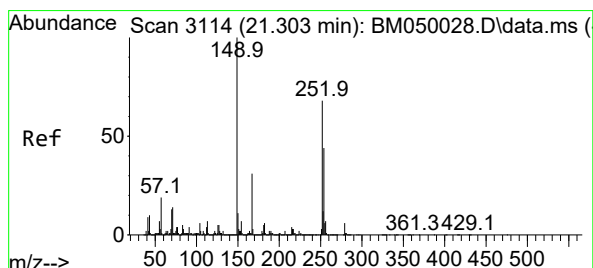
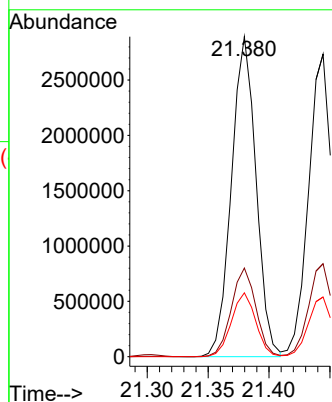
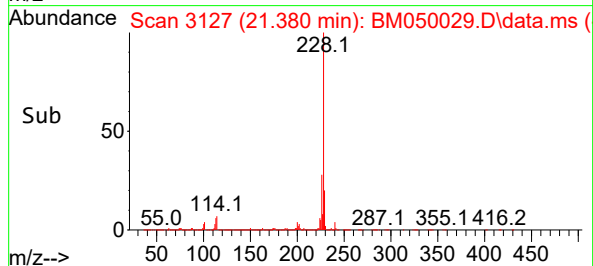
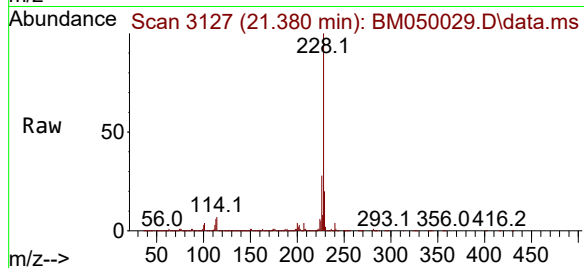




#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

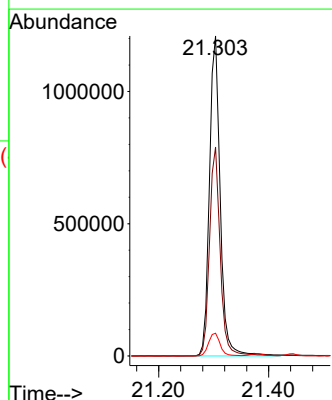
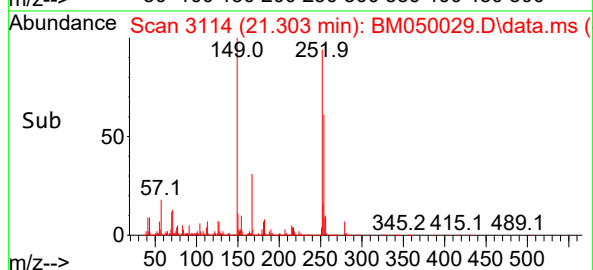
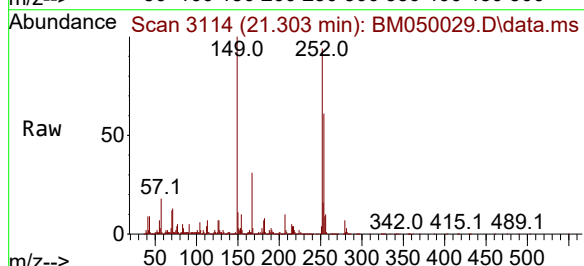
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

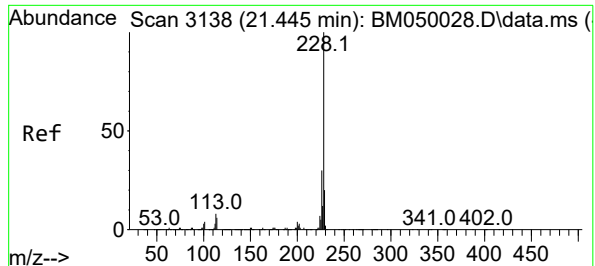
Tgt Ion:228 Resp: 4058011
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 7.1 6.0 9.0





#83

Chrysene

Concen: 53.683 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

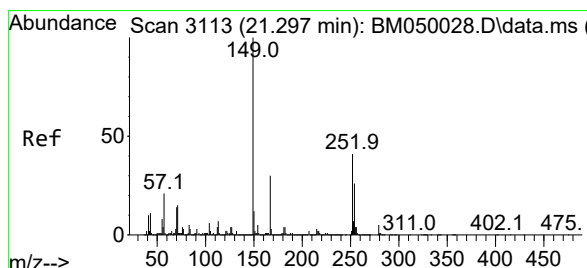
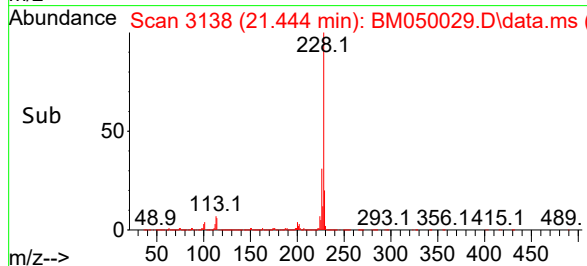
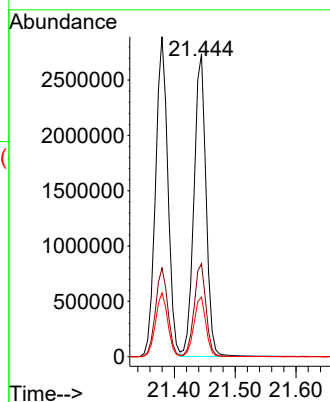
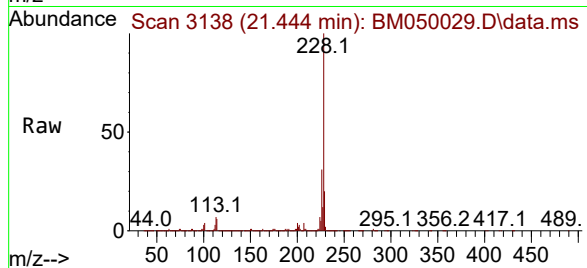
Tgt Ion:228 Resp: 3755543

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.194 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

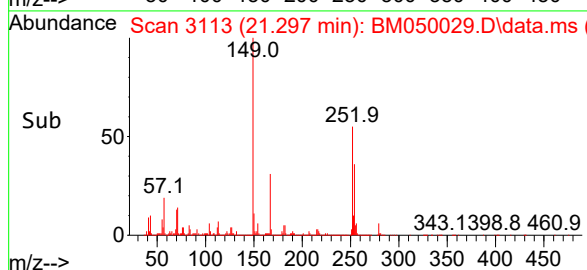
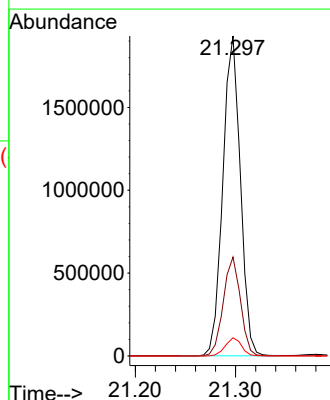
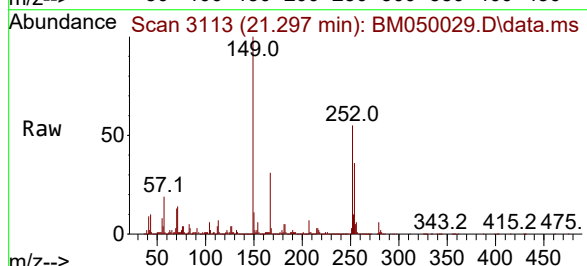
Tgt Ion:149 Resp: 2336926

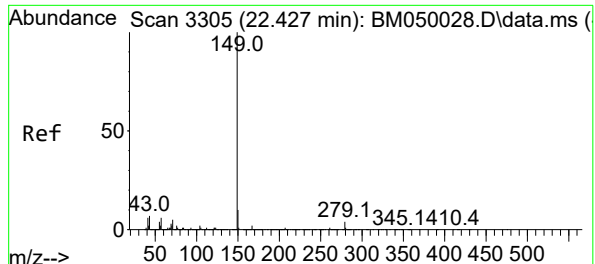
Ion Ratio Lower Upper

149 100

167 30.9 24.1 36.1

279 5.7 3.9 5.9

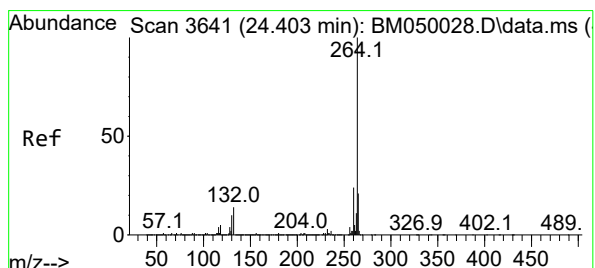
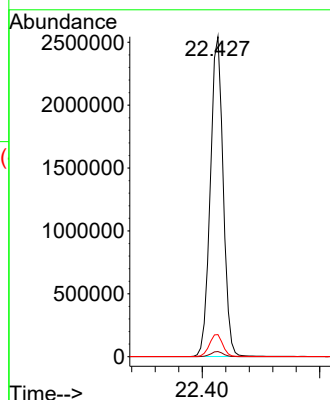
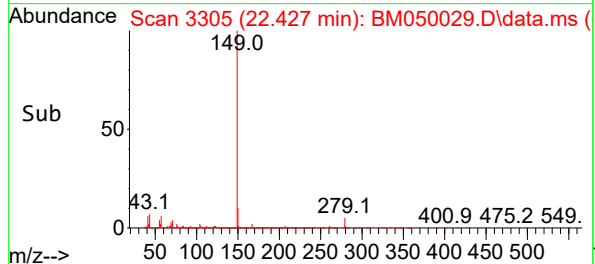
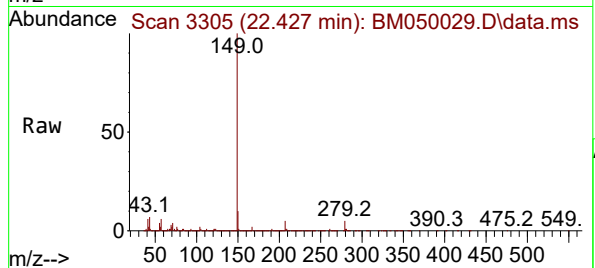




#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

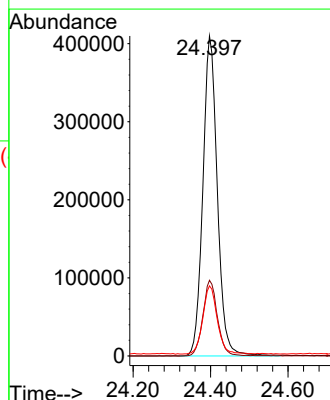
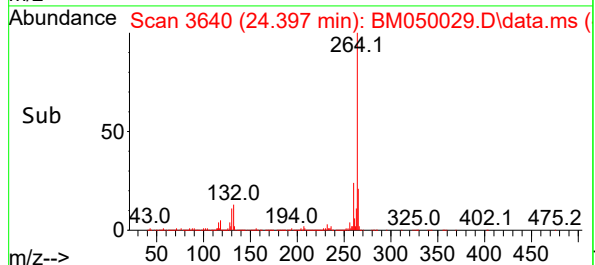
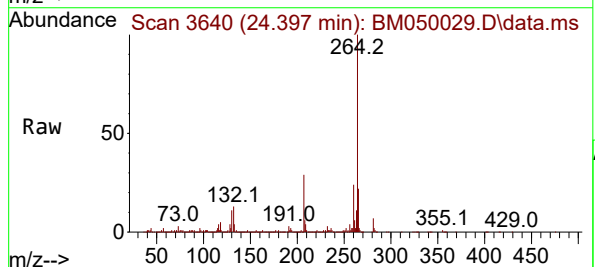
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

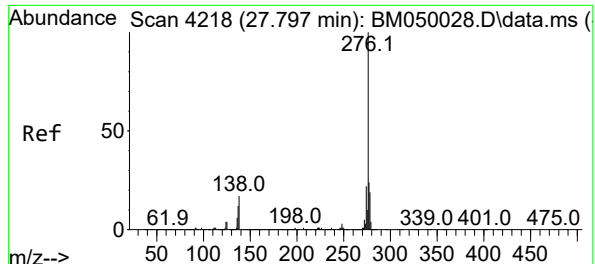
Tgt Ion:149 Resp: 3852190
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.9 17.0 25.4

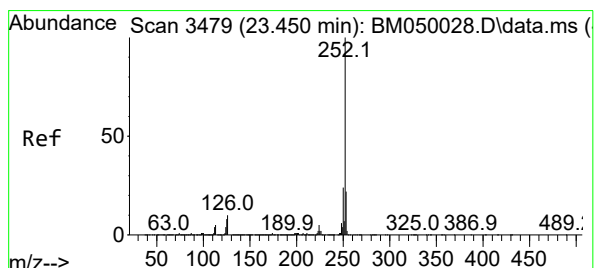
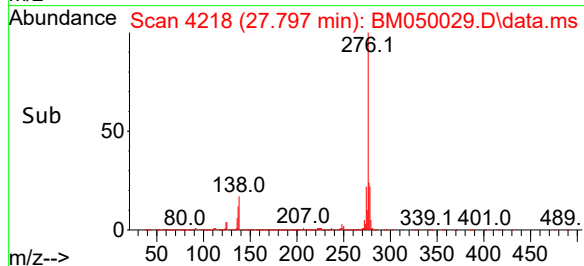
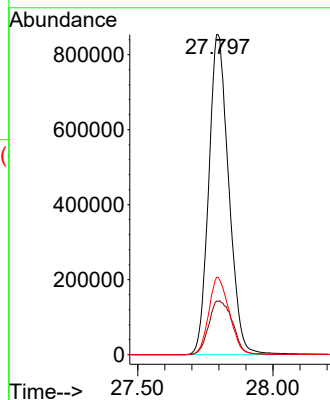
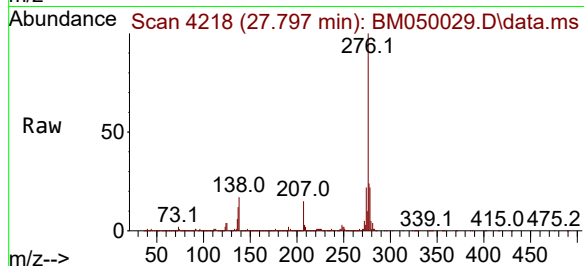




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4218
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

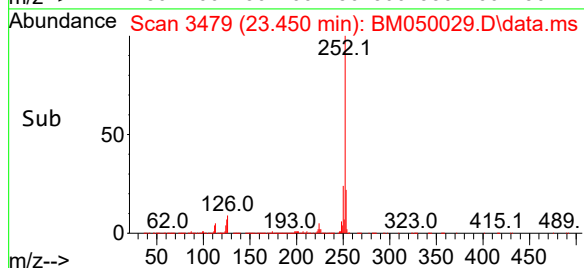
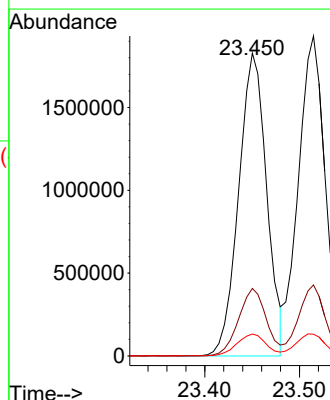
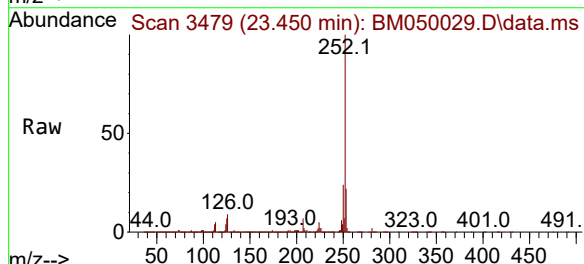
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

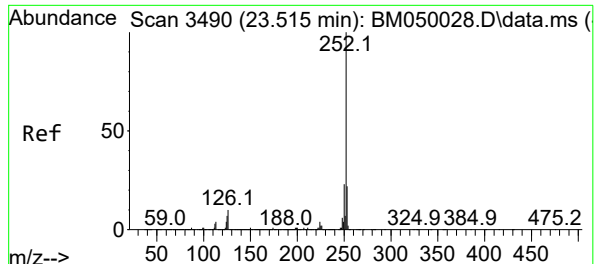
Tgt Ion:276 Resp: 4369253
Ion Ratio Lower Upper
276 100
138 20.1 16.4 24.6
277 24.9 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 55.037 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

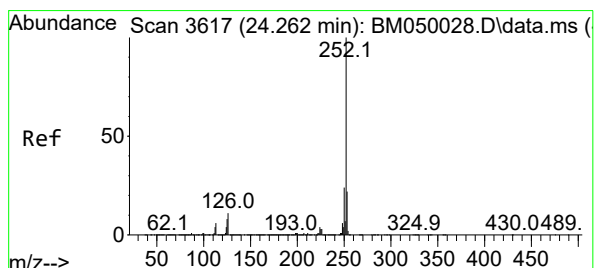
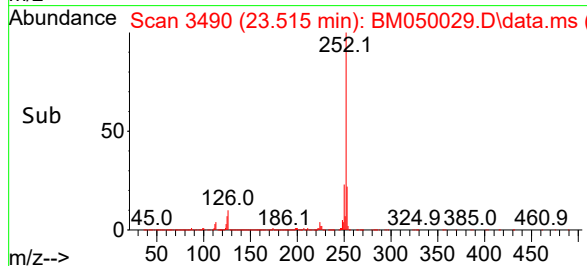
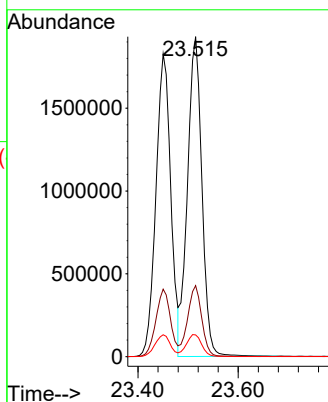
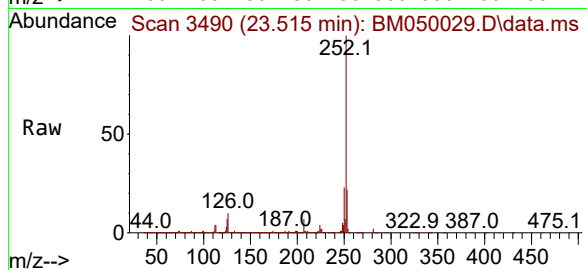
Tgt Ion:252 Resp: 3844095

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.8 5.8 8.8



#90

Benzo(a)pyrene

Concen: 54.588 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

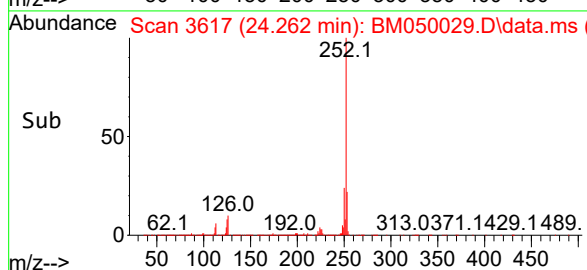
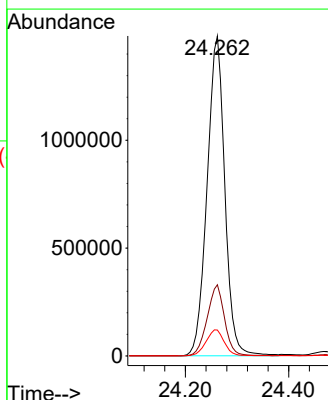
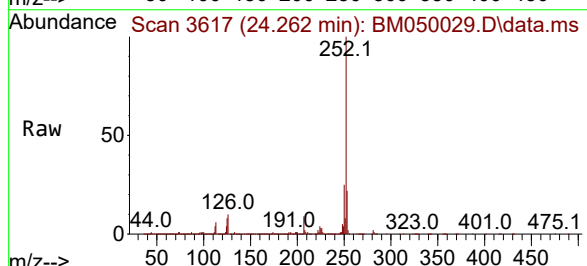
Tgt Ion:252 Resp: 3529489

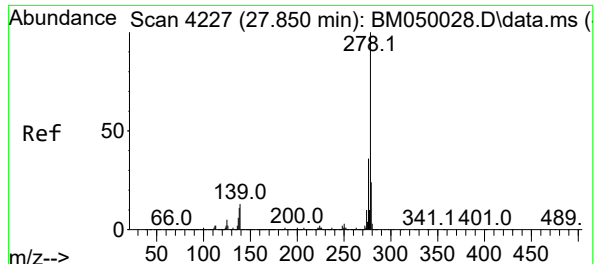
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.1 6.6 9.8

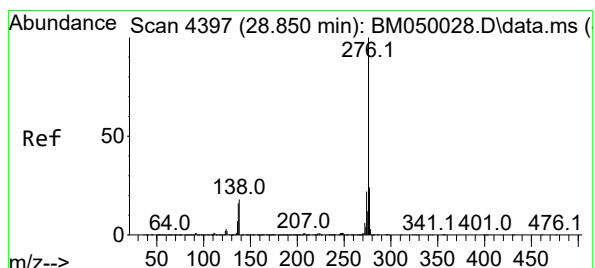
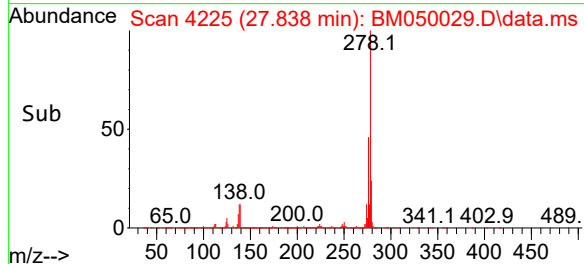
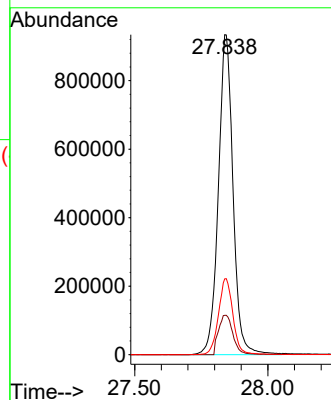
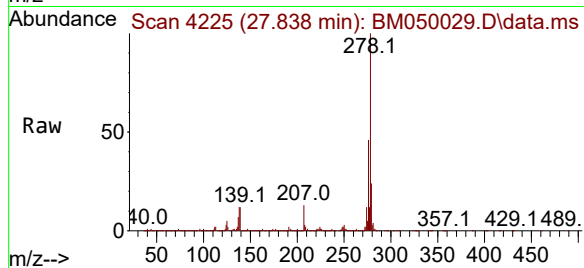




#91
Dibenzo(a,h)anthracene
Concen: 55.448 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

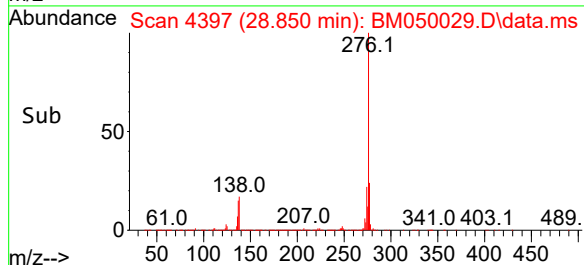
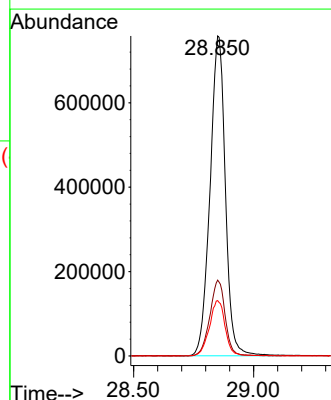
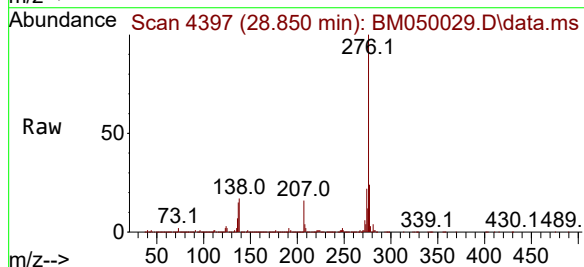
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3575099
Ion Ratio Lower Upper
278 100
139 12.3 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 54.494 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:276 Resp: 3363778
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.3 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng	0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng	0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng	0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng	0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng	99
3) Pyridine	3.658	79	923444	61.631	ng	99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng	98
6) Aniline	7.098	93	1339587	62.058	ng	100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng	99
9) Benzaldehyde	6.910	77	683177	59.793	ng	99
10) Phenol	6.981	94	1072175	61.956	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng	98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng	100
17) 2-Methylphenol	8.228	107	705836	61.914	ng	99
18) Hexachloroethane	8.845	117	380742	60.018	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng	100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng	97
22) Acetophenone	8.592	105	1325893	61.030	ng	# 99
24) Nitrobenzene	8.969	77	938300	61.193	ng	99
25) Isophorone	9.498	82	1845274	61.044	ng	99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng	99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng	100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng	100
31) Naphthalene	10.610	128	2682942	60.626	ng	100
32) Benzoic acid	9.928	122	556598	67.178	ng	98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng	99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng	99
35) Caprolactam	11.528	113	266678	62.845	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng	100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng	99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng	100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

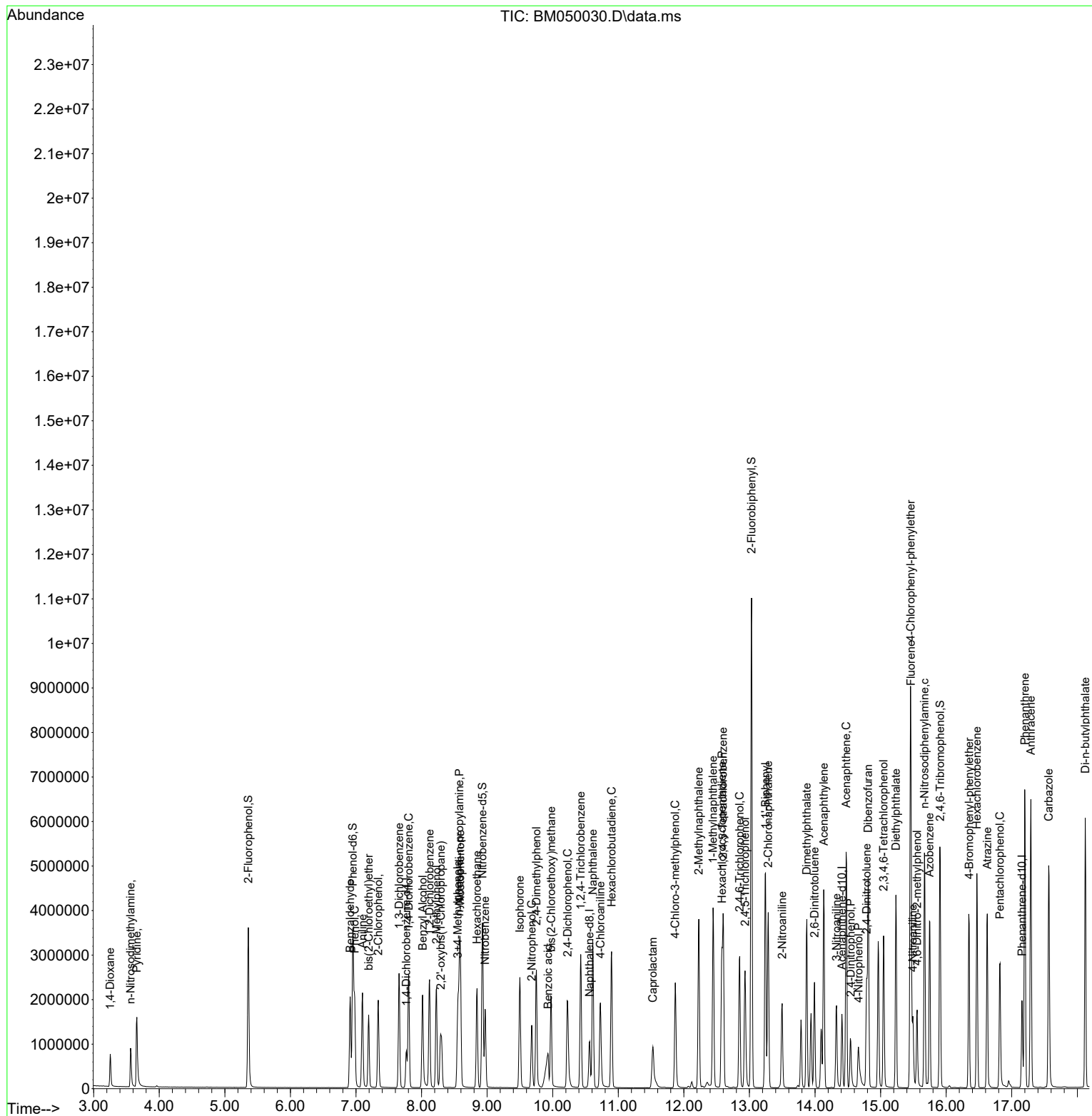
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng	99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng	99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng	100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng	99
49) Acenaphthylene	14.133	152	3292902	61.060	ng	100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng	100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng	99
52) Acenaphthene	14.474	154	1906973	61.089	ng	100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng	99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng	97
55) Dibenzofuran	14.810	168	3154566	60.738	ng	100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng	99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng	98
58) Fluorene	15.463	166	2614340	61.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng	98
60) Diethylphthalate	15.233	149	2397624	59.930	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1457099	62.403	ng	98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng	98
63) Azobenzene	15.745	77	2030208	60.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng	98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng	95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng	97
69) Atrazine	16.627	200	802538	63.312	ng	99
70) Pentachlorophenol	16.821	266	584874	65.136	ng	99
71) Phenanthrene	17.198	178	4028280	62.410	ng	99
72) Anthracene	17.292	178	4088295	62.590	ng	100
73) Carbazole	17.562	167	3562573	62.854	ng	100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng	100
75) Fluoranthene	19.215	202	4891273	64.546	ng	100
77) Benzidine	19.404	184	2626747	64.592	ng	100
78) Pyrene	19.580	202	5030035	62.565	ng	100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng	96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng	99
83) Chrysene	21.445	228	4549388	62.348	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	# 97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng	99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng	99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng	100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng	99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Abundance

TIC: BM050030.D\data.ms

Time-->

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Terphenyl-d44-S

Butylbenzylphthalate

Chrysene-d12

Chrysene

Benzo(a)anthracene

Benzo(a)anthracene

Di-n-octyl phthalate,c

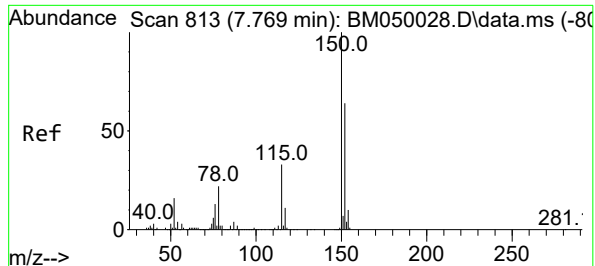
Benzo(a)anthracene

Benzo(a)pyrene,C

Perylene-d12,l

Indeno(1,2,3-cd)pyrene

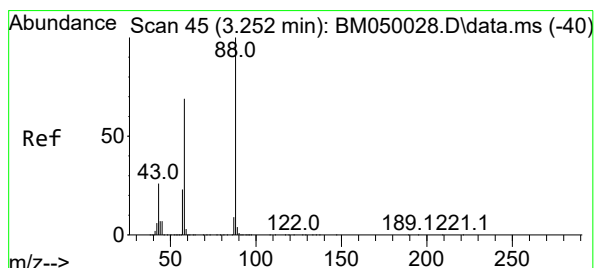
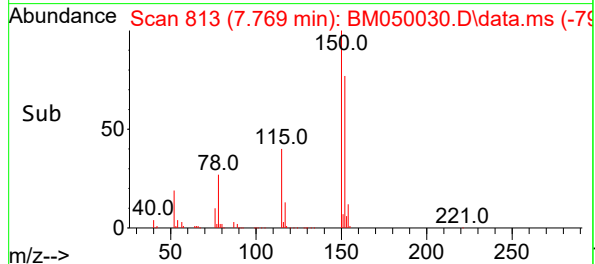
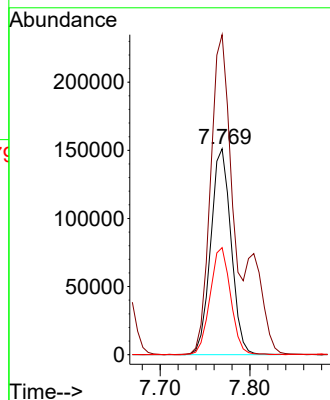
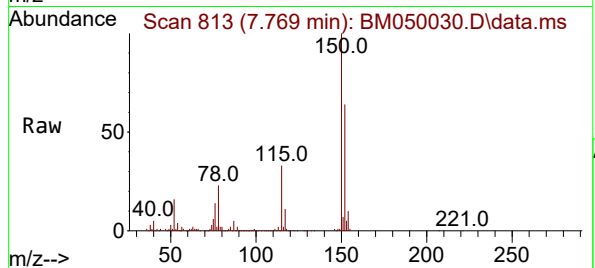
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

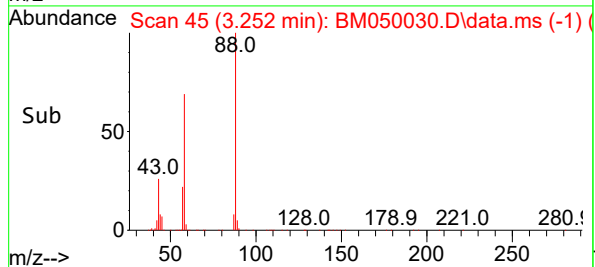
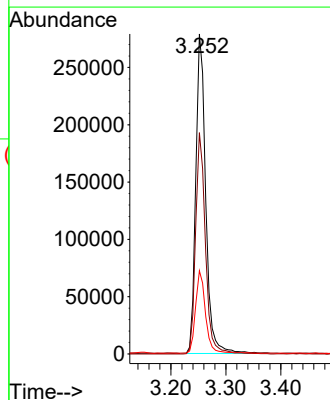
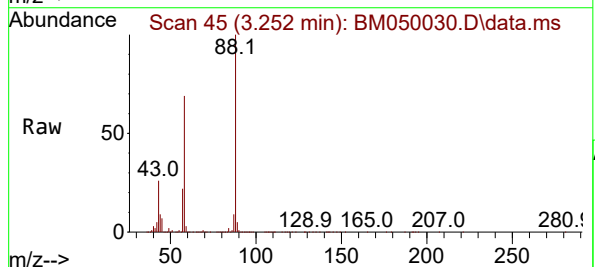
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

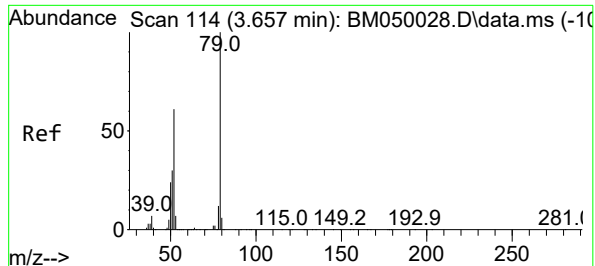
Tgt Ion:152 Resp: 238160
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 52.0 41.2 61.8



#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690
Ion Ratio Lower Upper
88 100
58 68.4 55.1 82.7
43 25.4 20.9 31.3

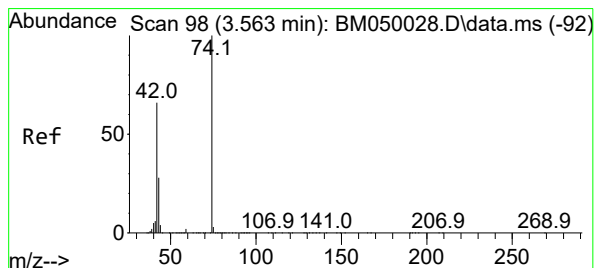
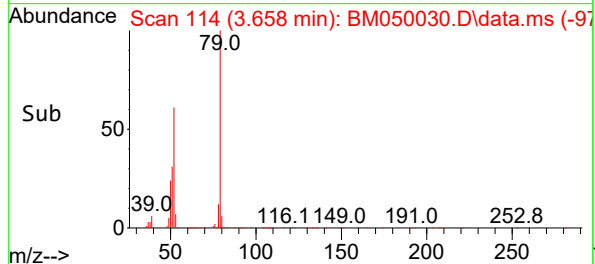
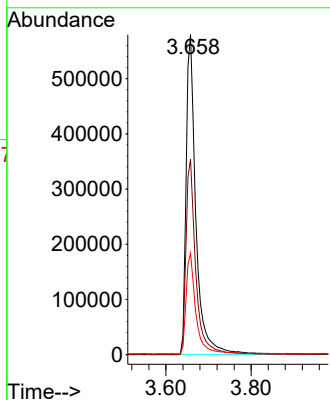
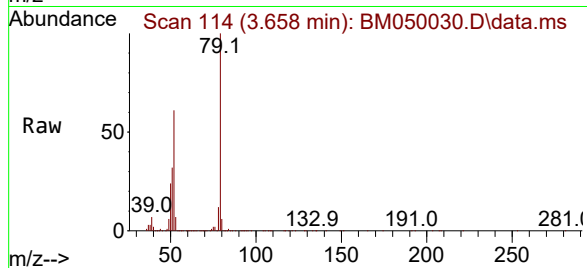




#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

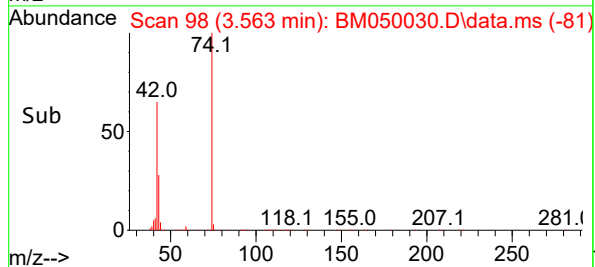
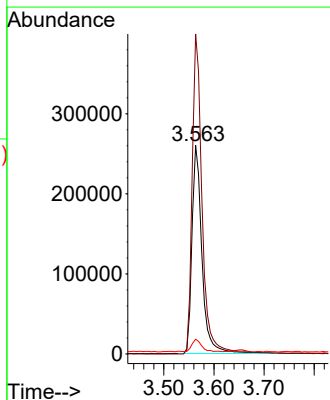
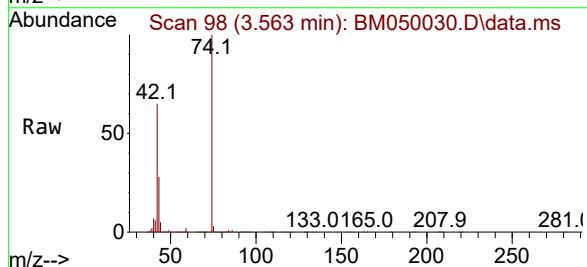
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

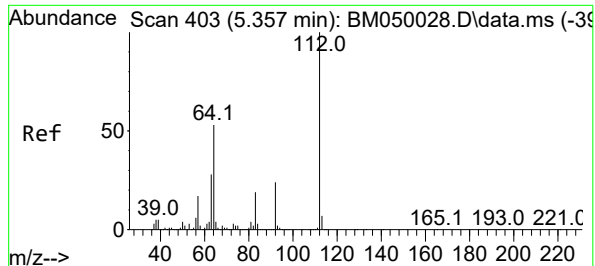
Tgt Ion: 79 Resp: 923444
Ion Ratio Lower Upper
79 100
52 61.2 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090
Ion Ratio Lower Upper
42 100
74 153.4 120.2 180.2
44 7.1 6.2 9.2





#5

2-Fluorophenol

Concen: 123.234 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

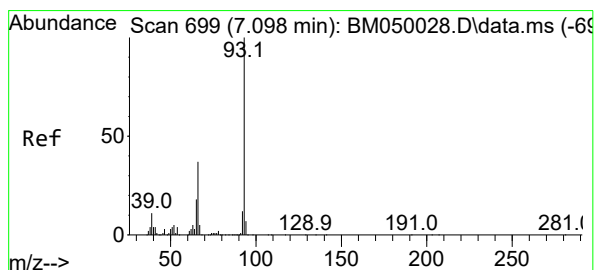
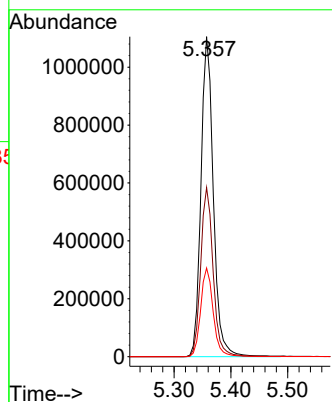
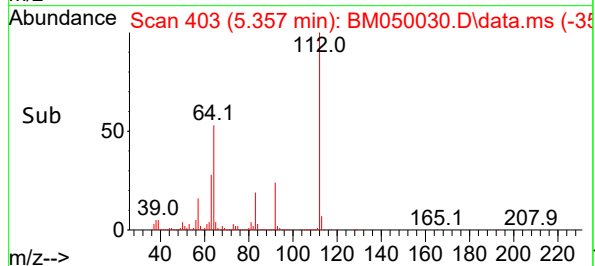
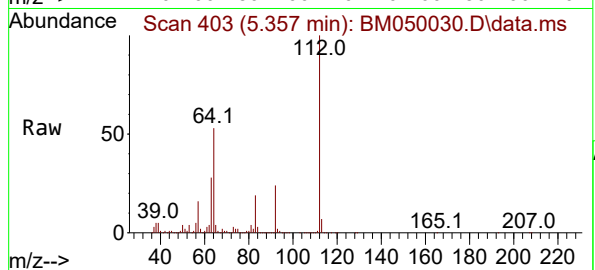
Tgt Ion:112 Resp: 1676078

Ion Ratio Lower Upper

112 100

64 52.8 42.6 64.0

63 27.7 22.2 33.4



#6

Aniline

Concen: 62.058 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

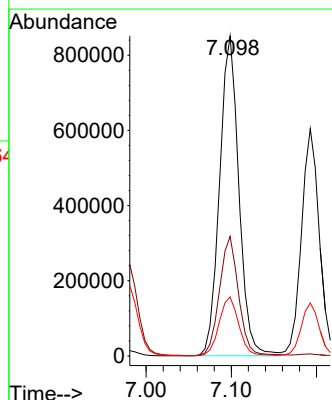
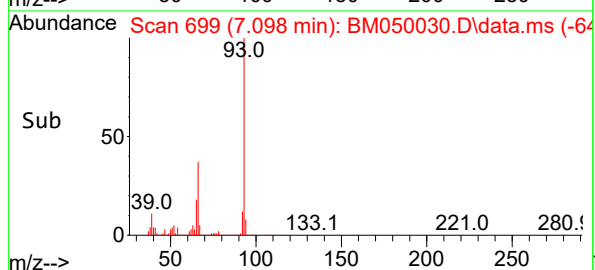
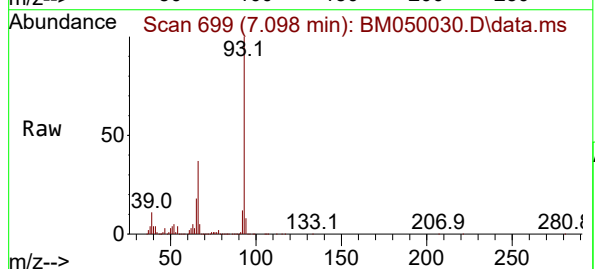
Tgt Ion: 93 Resp: 1339587

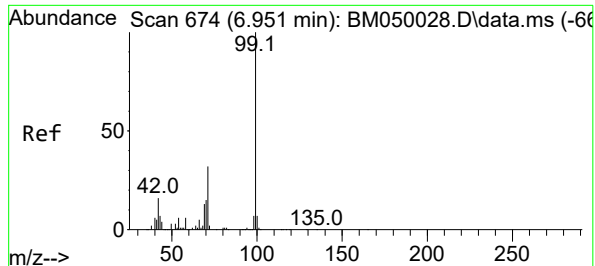
Ion Ratio Lower Upper

93 100

66 37.4 29.9 44.9

65 18.5 14.5 21.7





#7

Phenol-d6

Concen: 124.905 ng

RT: 6.951 min Scan# 674

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

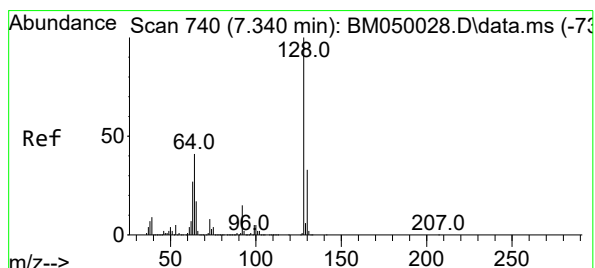
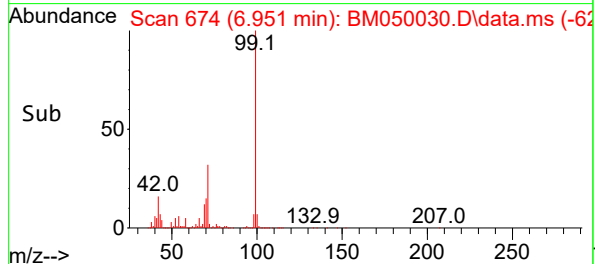
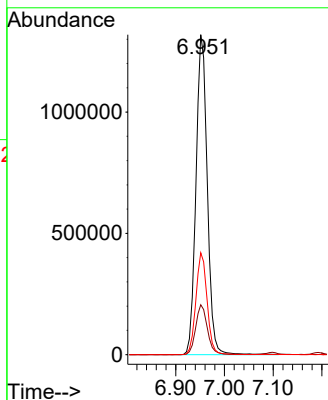
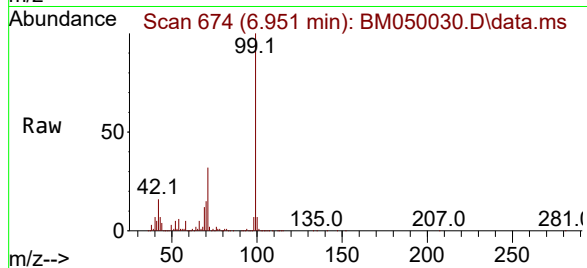
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 2135178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4



#8

2-Chlorophenol

Concen: 61.600 ng

RT: 7.340 min Scan# 740

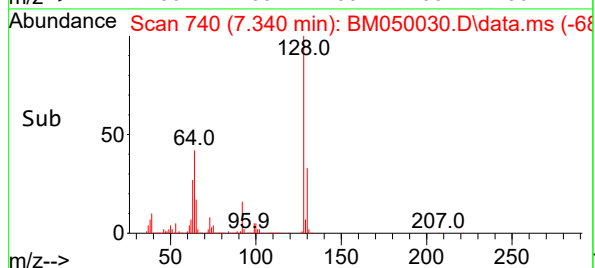
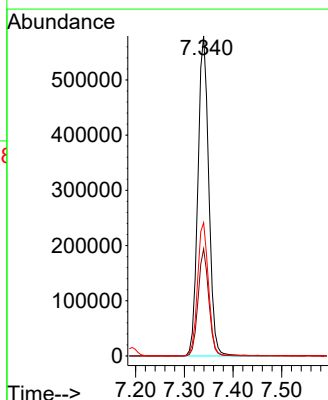
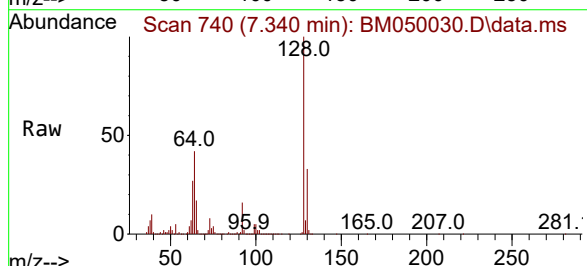
Delta R.T. 0.000 min

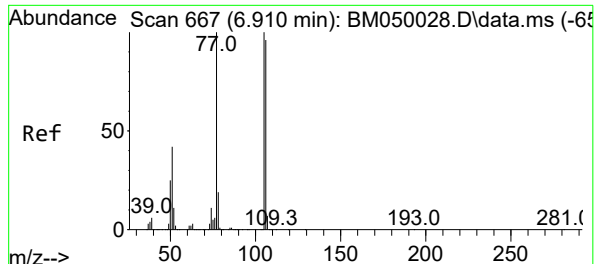
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 128 Resp: 905849

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.7	21.2	61.2

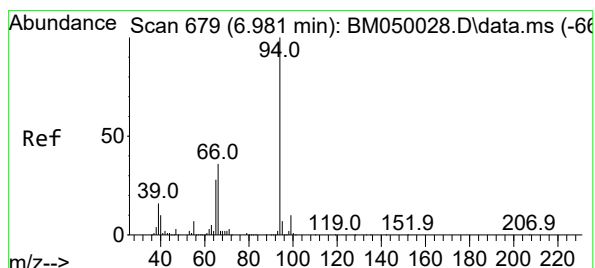
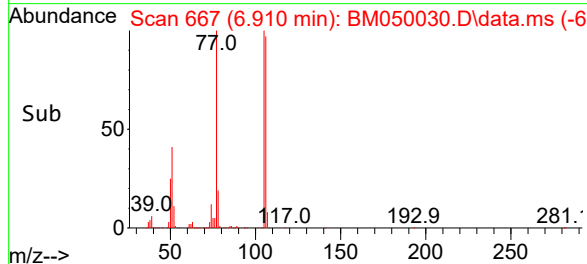
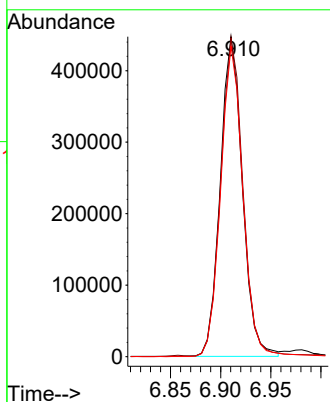
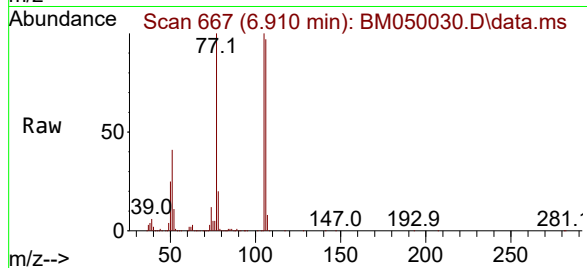




#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

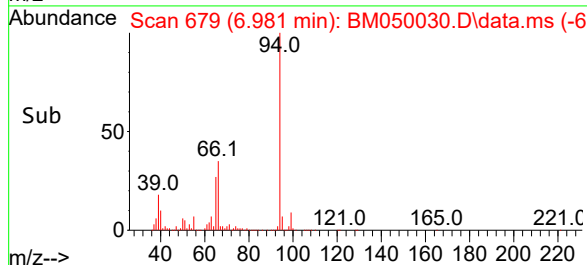
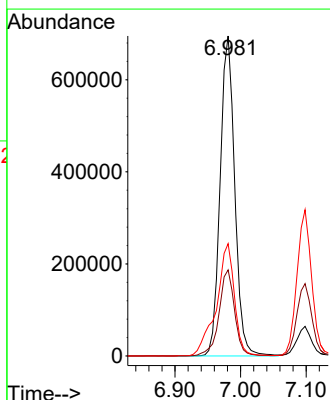
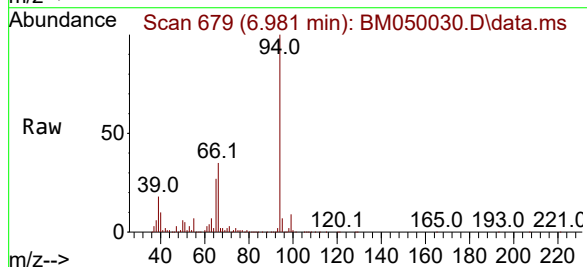
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

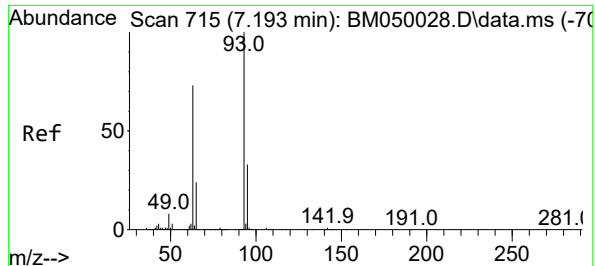
Tgt Ion: 77 Resp: 683177
Ion Ratio Lower Upper
77 100
105 99.6 80.5 120.5
106 97.1 76.1 116.1



#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175
Ion Ratio Lower Upper
94 100
65 26.9 7.6 47.6
66 35.1 15.8 55.8





#11

bis(2-chloroethyl)ether

Concen: 60.947 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

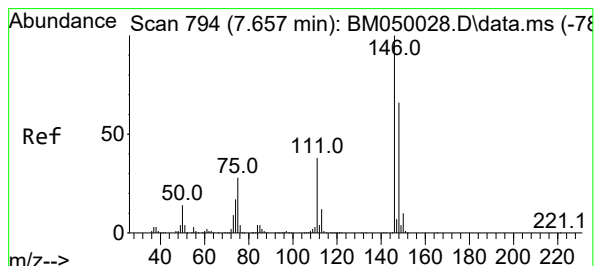
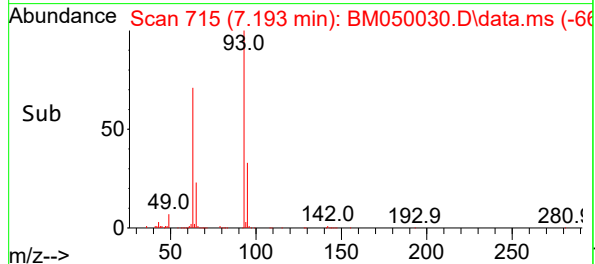
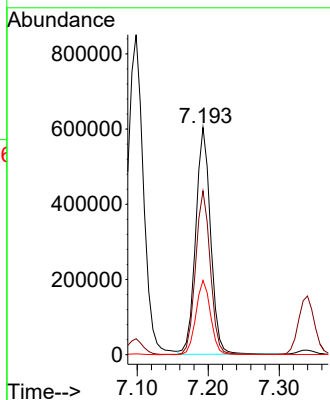
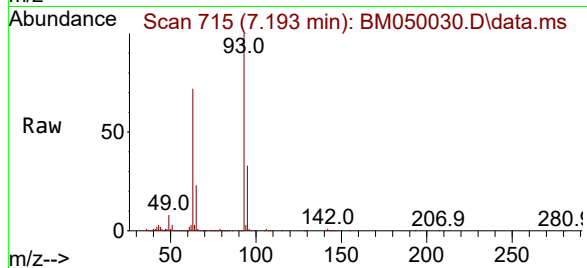
Tgt Ion: 93 Resp: 880705

Ion Ratio Lower Upper

93 100

63 72.0 52.3 92.3

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 60.670 ng

RT: 7.657 min Scan# 794

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

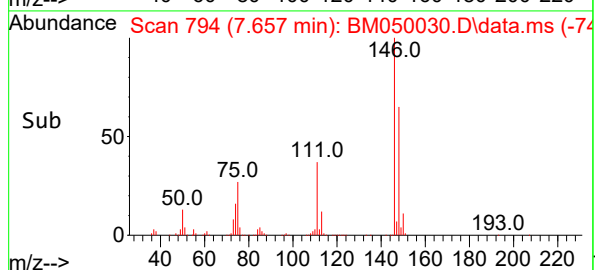
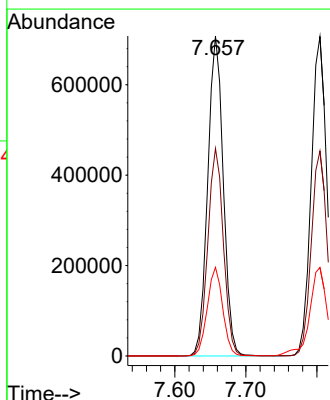
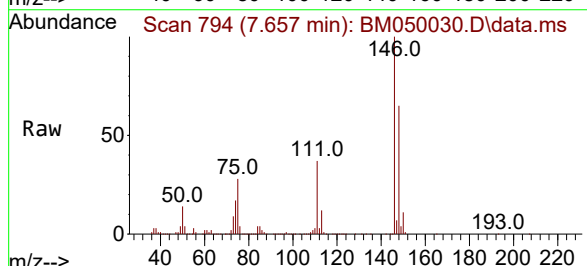
Tgt Ion: 146 Resp: 1077725

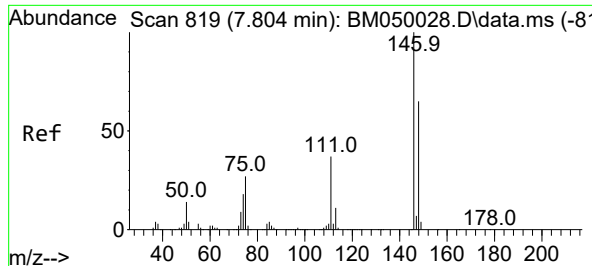
Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

75 27.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 60.707 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

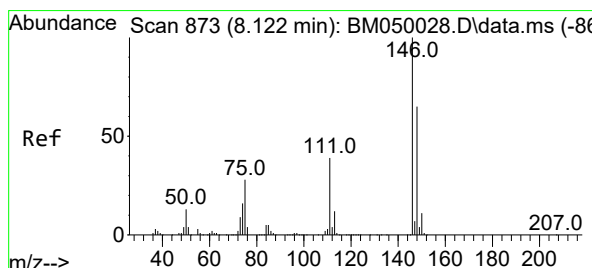
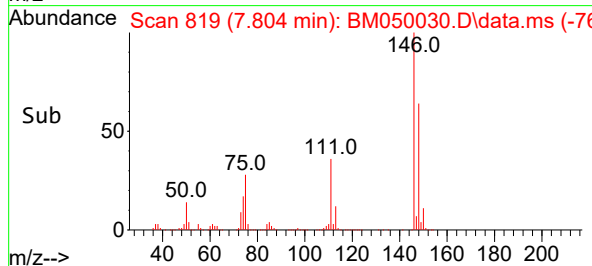
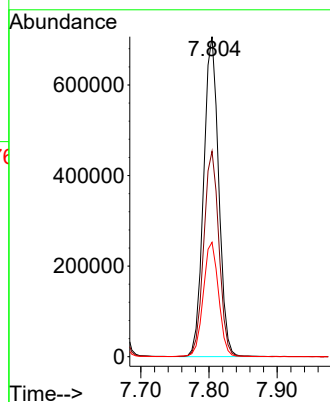
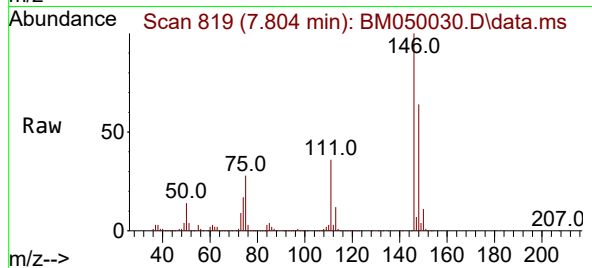
Tgt Ion:146 Resp: 1083367

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 35.7 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 60.691 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

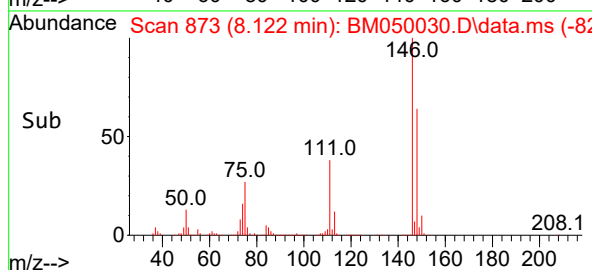
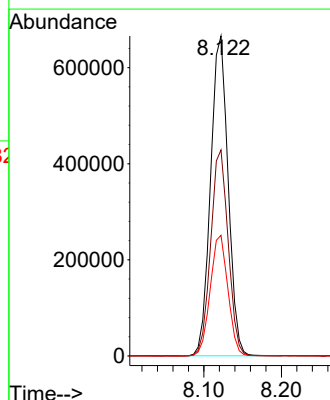
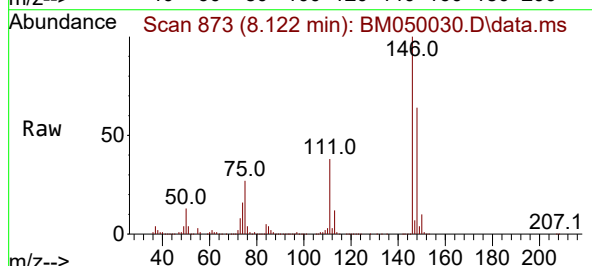
Tgt Ion:146 Resp: 1046214

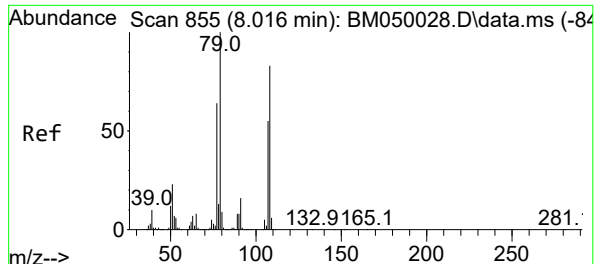
Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

111 37.7 31.0 46.6





#15

Benzyl Alcohol

Concen: 63.306 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

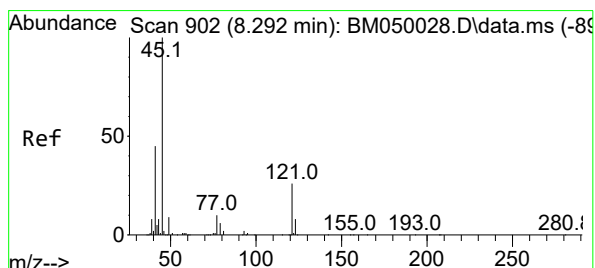
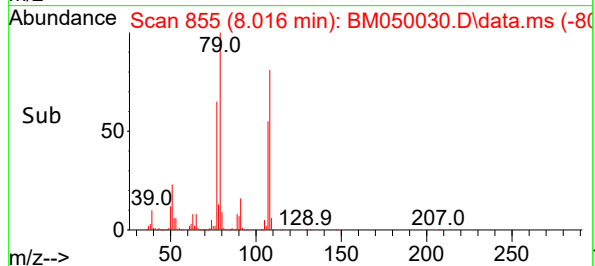
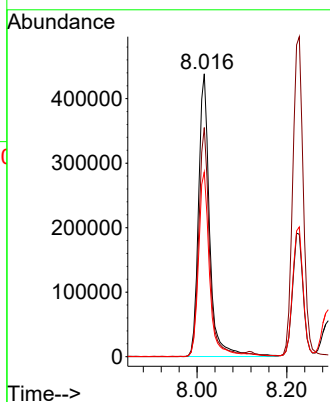
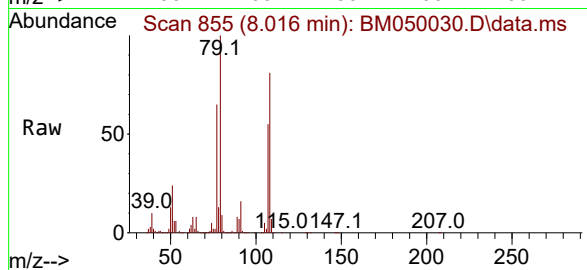
Tgt Ion: 79 Resp: 750490

Ion Ratio Lower Upper

79 100

108 81.0 66.0 99.0

77 65.3 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.922 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

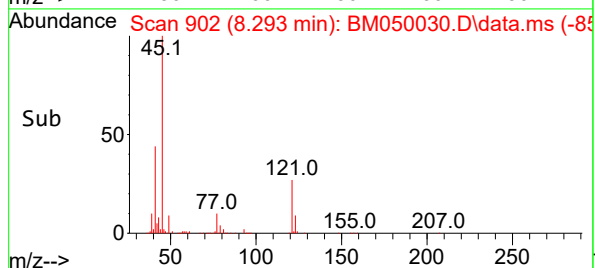
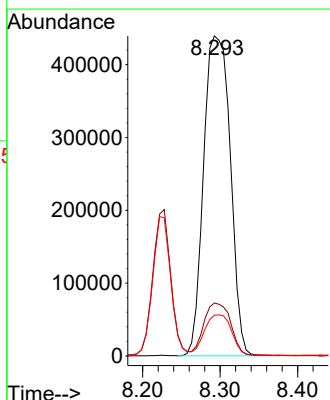
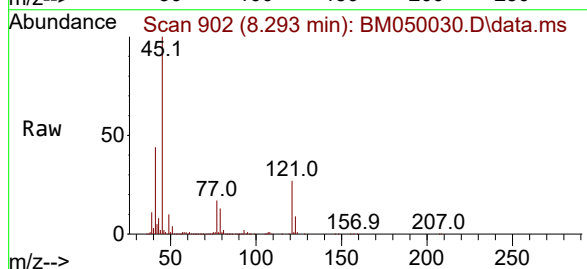
Tgt Ion: 45 Resp: 1052561

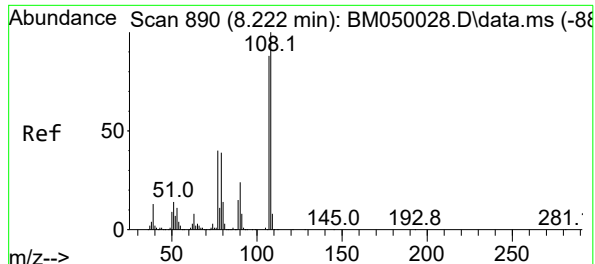
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 61.914 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050030.D

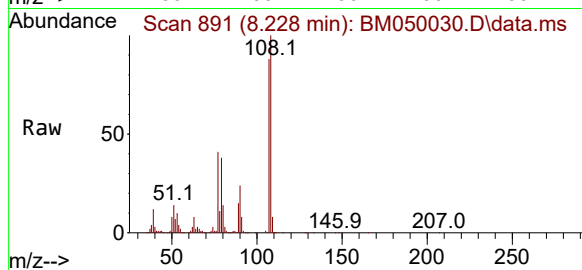
Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

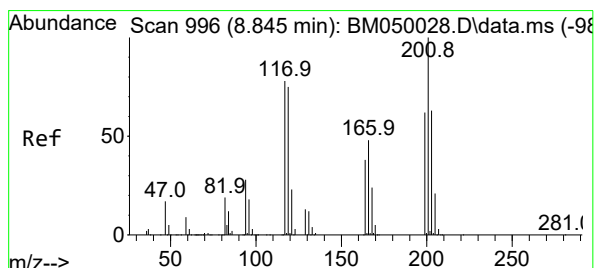
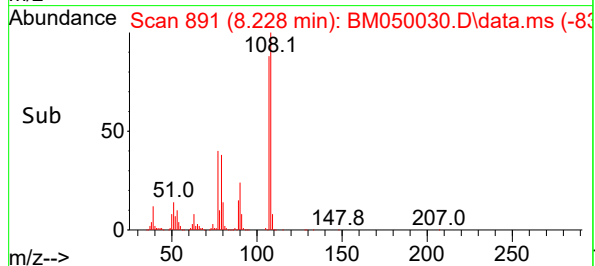
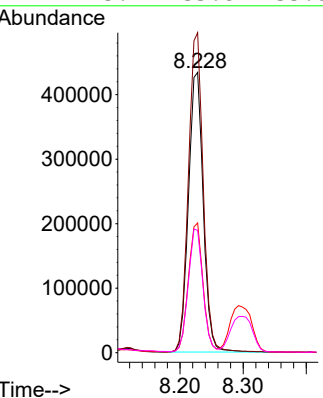
ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8



#18

Hexachloroethane

Concen: 60.018 ng

RT: 8.845 min Scan# 996

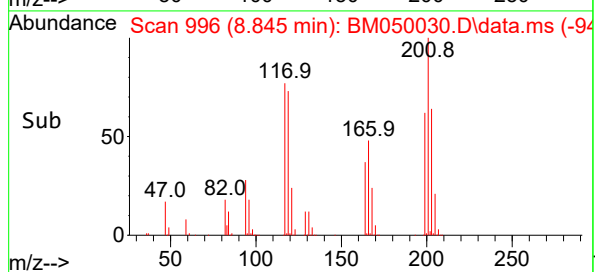
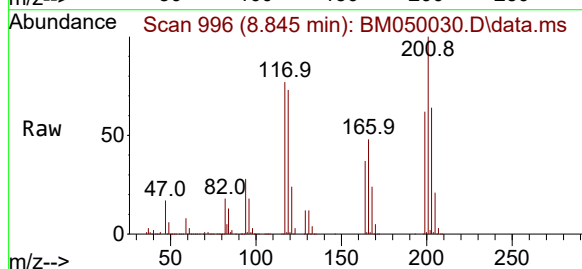
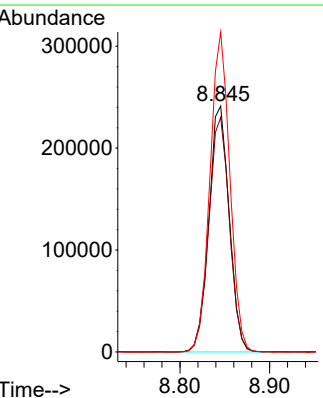
Delta R.T. 0.000 min

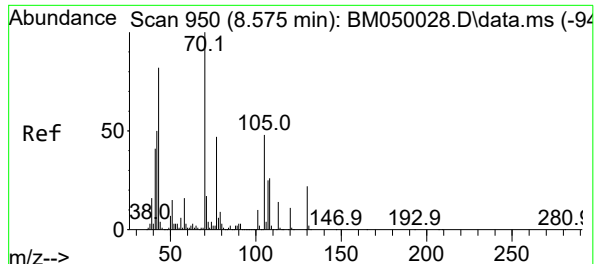
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.851 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050030.D

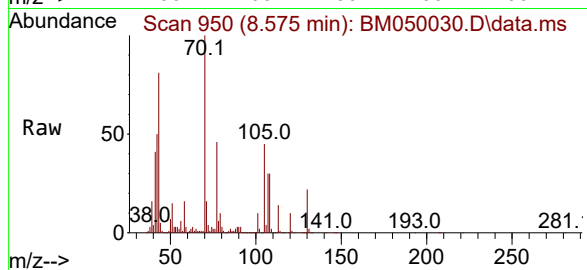
Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 678107

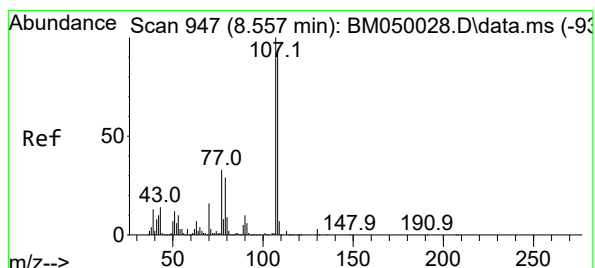
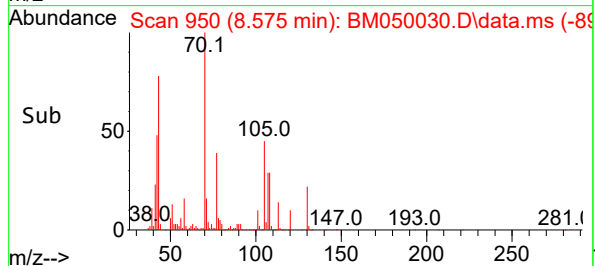
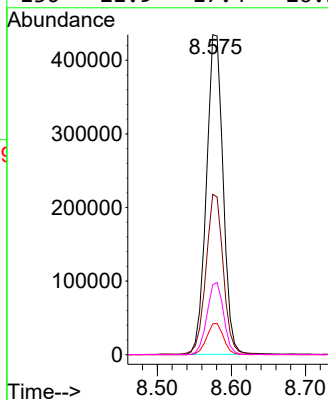
Ion Ratio Lower Upper

70 100

42 50.1 40.5 60.7

101 9.7 7.8 11.6

130 21.9 17.4 26.2



#20

3+4-Methylphenols

Concen: 62.619 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 107 Resp: 964063

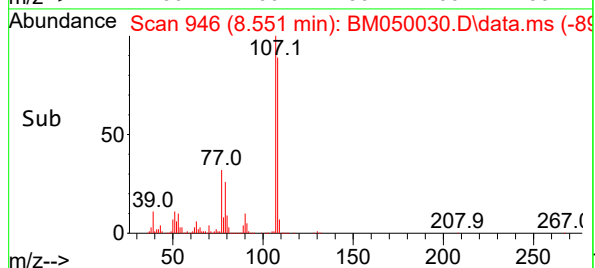
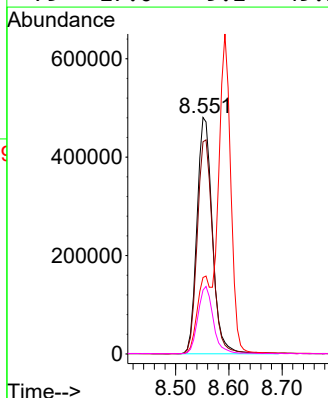
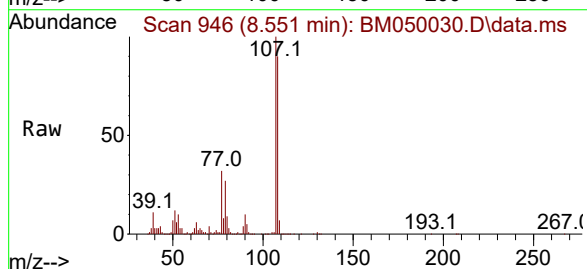
Ion Ratio Lower Upper

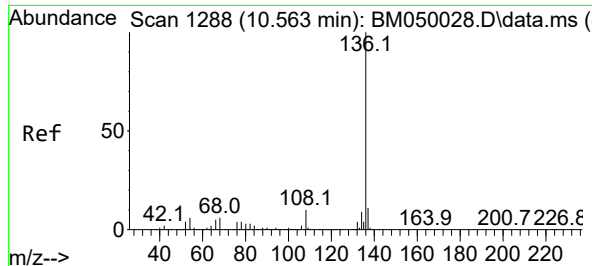
107 100

108 89.8 72.4 112.4

77 32.4 13.6 53.6

79 27.0 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 873845

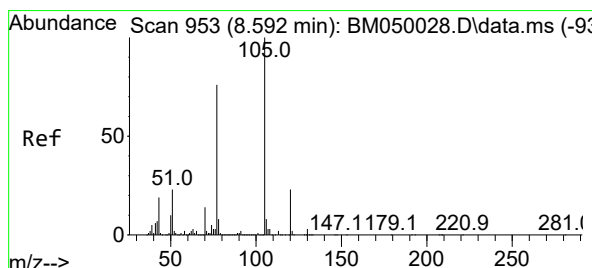
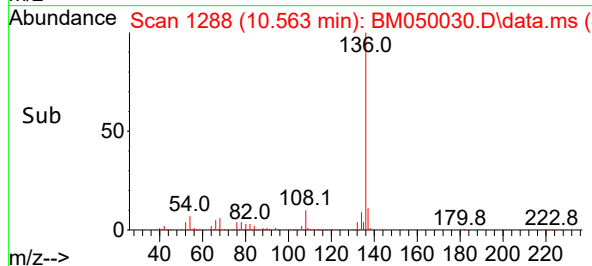
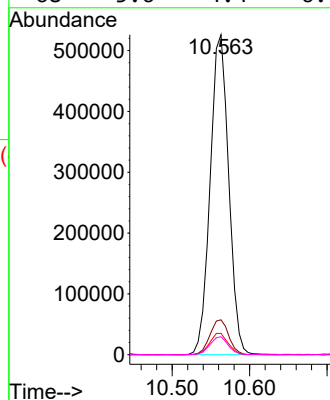
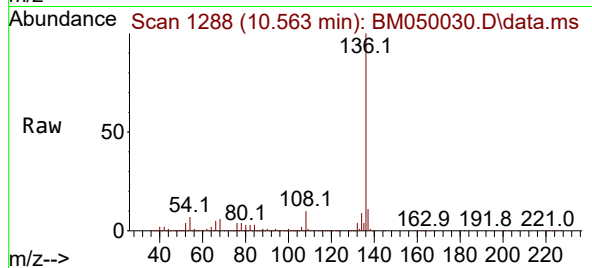
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 61.030 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

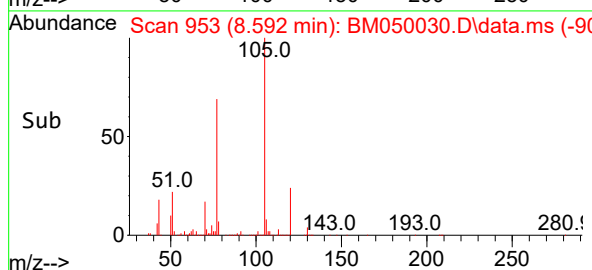
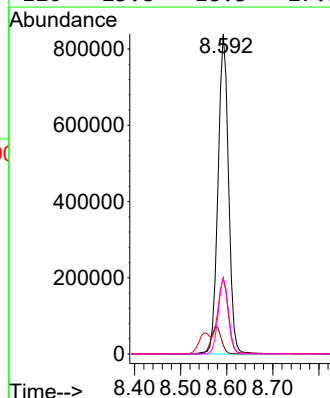
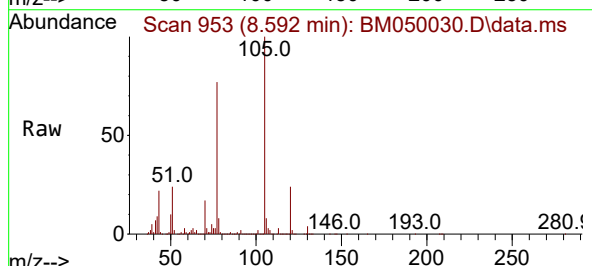
Ion Ratio Lower Upper

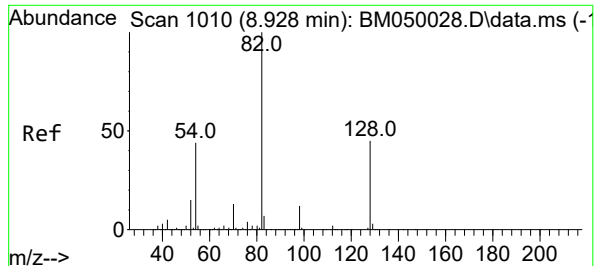
105 100

71 2.8 1.7 2.5#

51 23.7 18.6 27.8

120 23.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 123.300 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

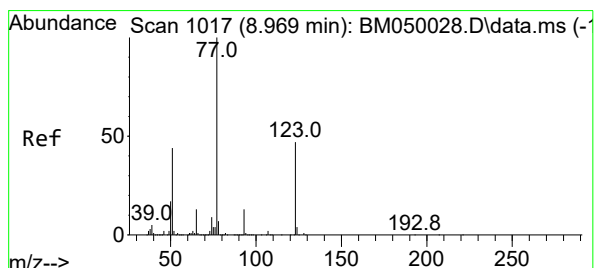
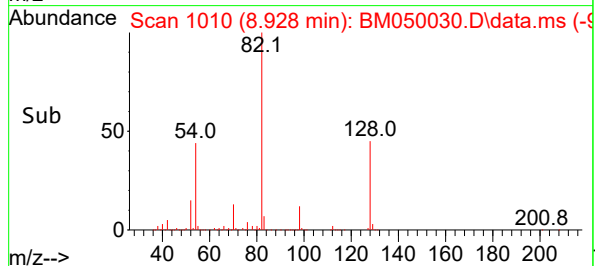
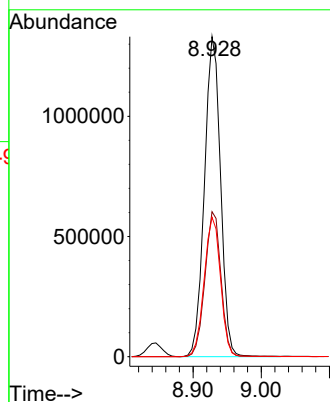
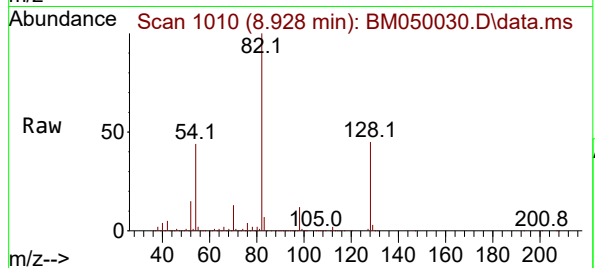
Tgt Ion: 82 Resp: 2186546

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

54 43.6 35.4 53.2



#24

Nitrobenzene

Concen: 61.193 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

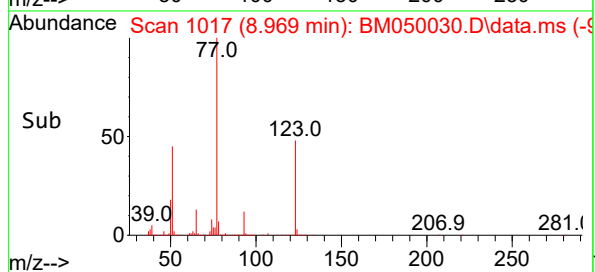
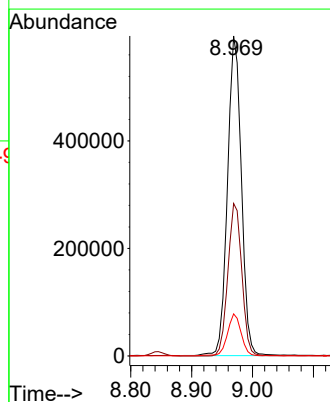
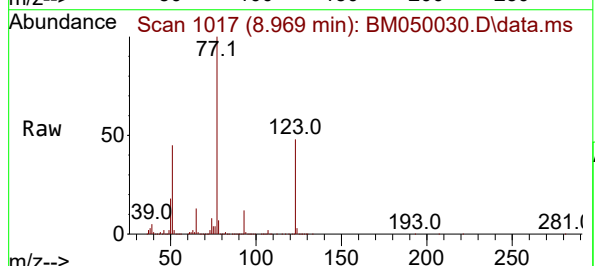
Tgt Ion: 77 Resp: 938300

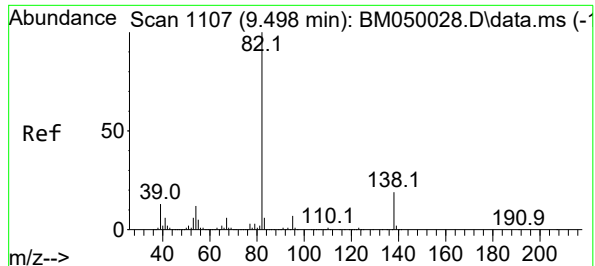
Ion Ratio Lower Upper

77 100

123 47.6 37.9 56.9

65 13.2 10.1 15.1

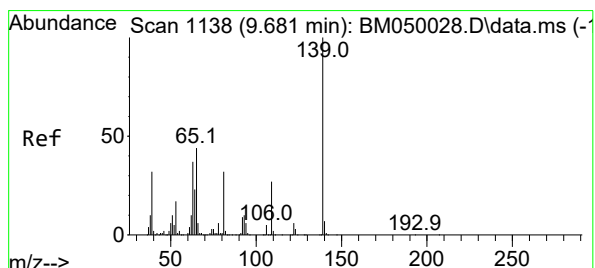
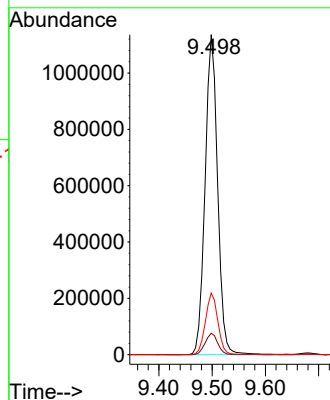
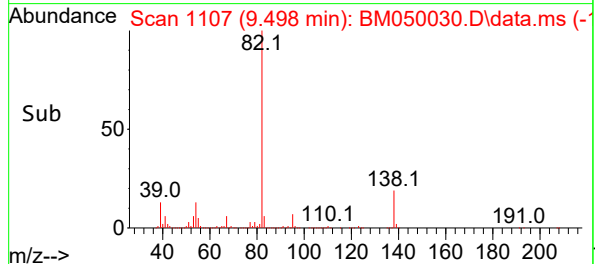
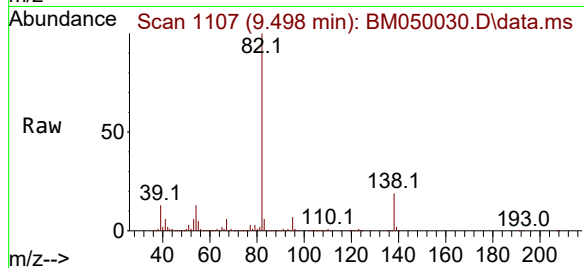




#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

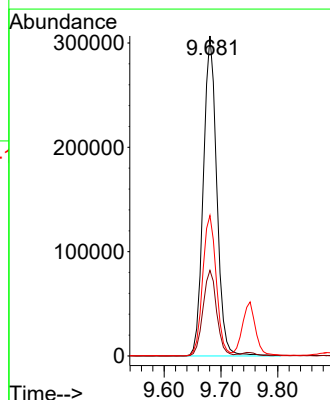
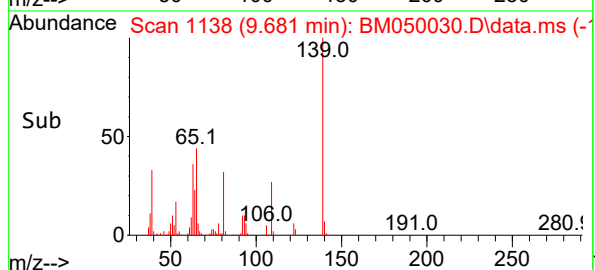
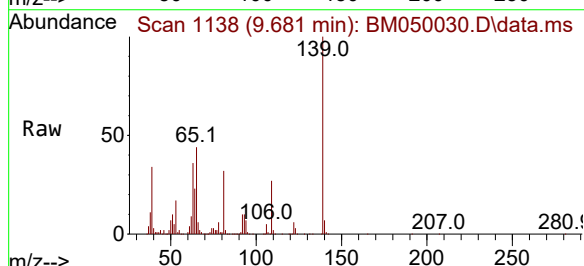
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

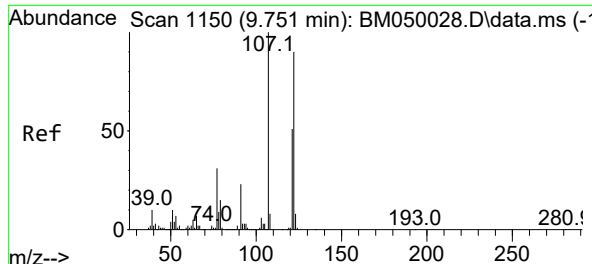
Tgt Ion: 82 Resp: 1845274
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.2 15.5 23.3



#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 139 Resp: 504441
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 43.9 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 62.869 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

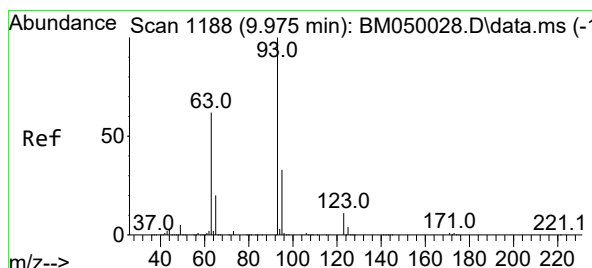
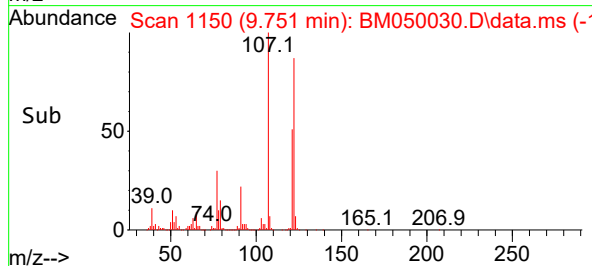
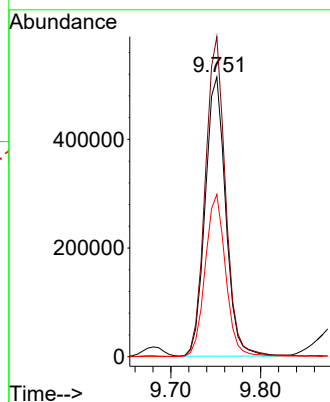
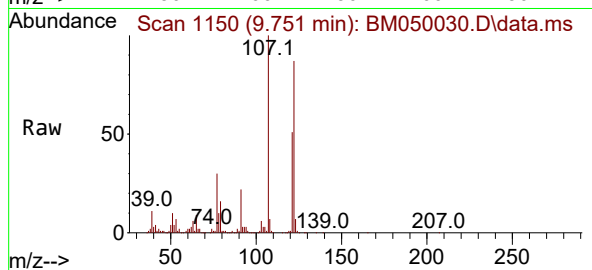
Tgt Ion:122 Resp: 816717

Ion Ratio Lower Upper

122 100

107 114.4 89.0 133.6

121 58.0 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 60.958 ng

RT: 9.975 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

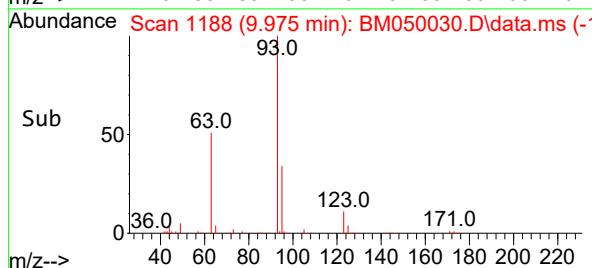
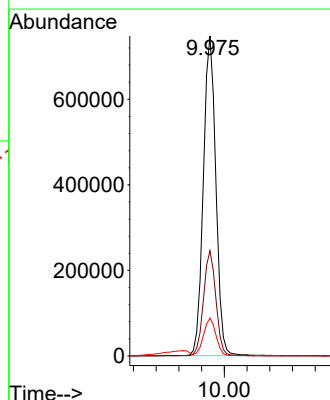
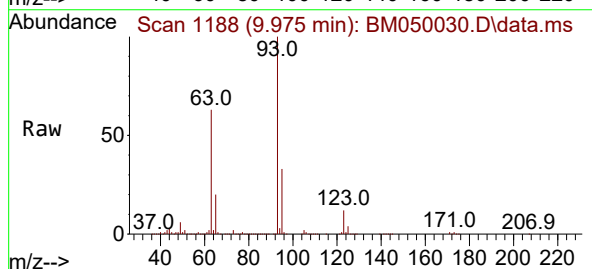
Tgt Ion: 93 Resp: 1138921

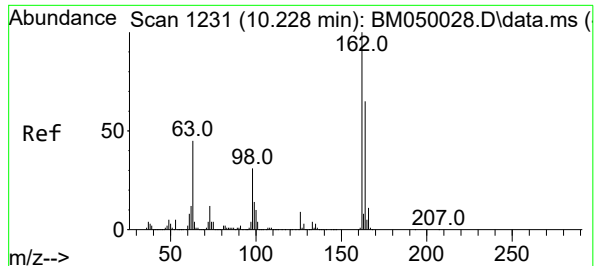
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 63.266 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

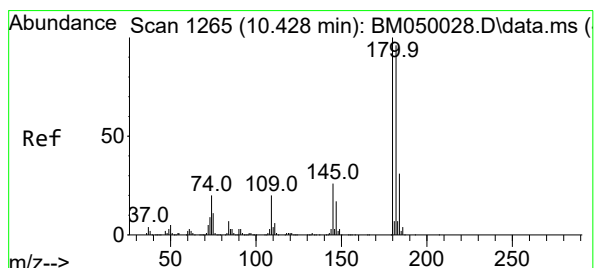
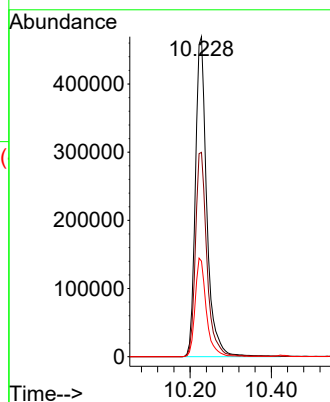
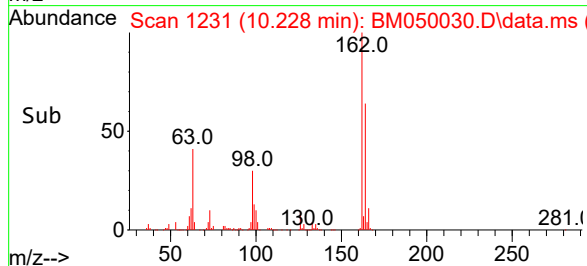
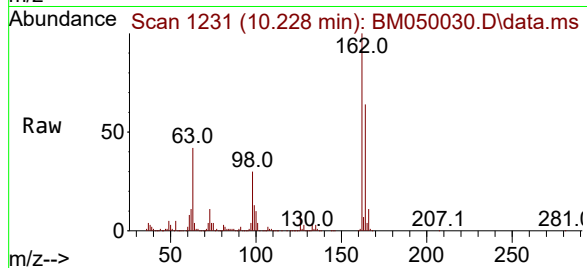
Tgt Ion:162 Resp: 920741

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 29.8 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 60.907 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

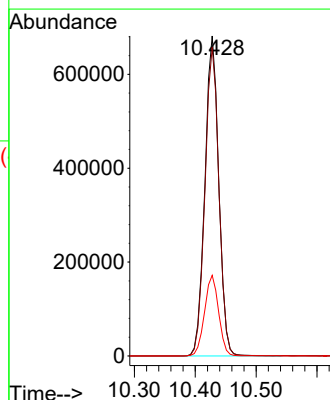
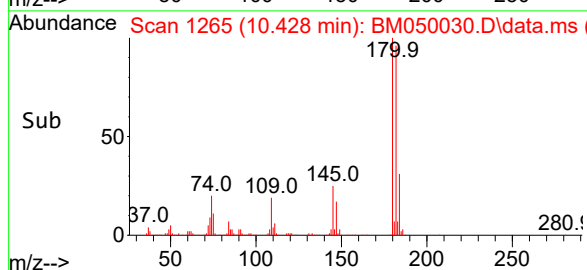
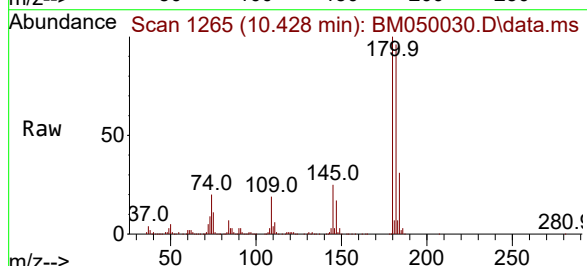
Tgt Ion:180 Resp: 1079970

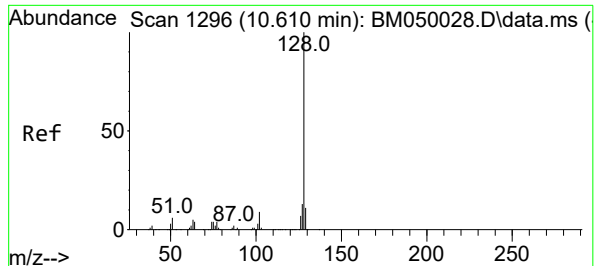
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 25.2 20.6 30.8





#31

Naphthalene

Concen: 60.626 ng

RT: 10.610 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

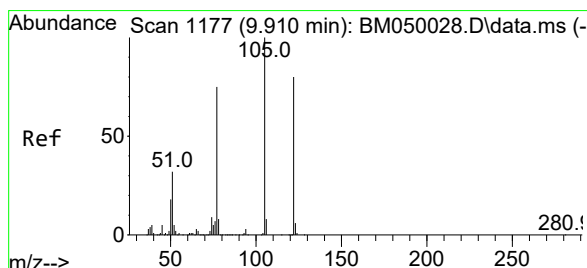
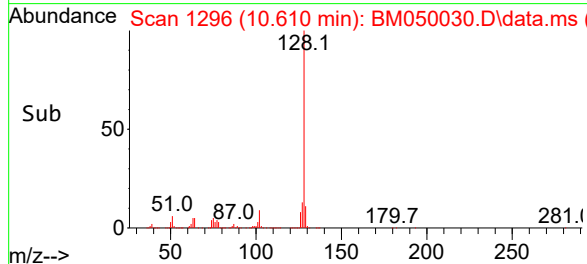
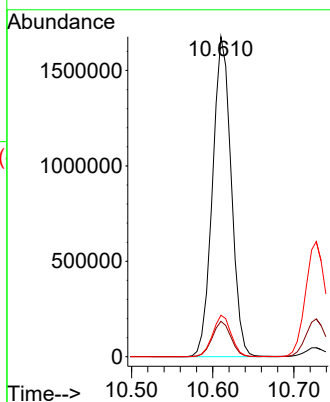
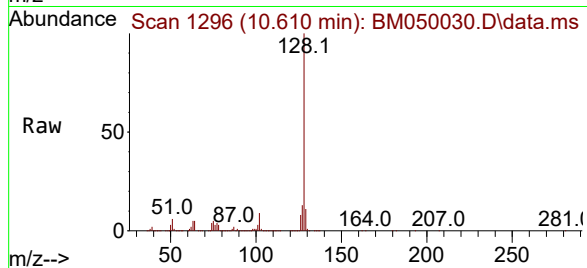
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 2682942

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6



#32

Benzoic acid

Concen: 67.178 ng

RT: 9.928 min Scan# 1180

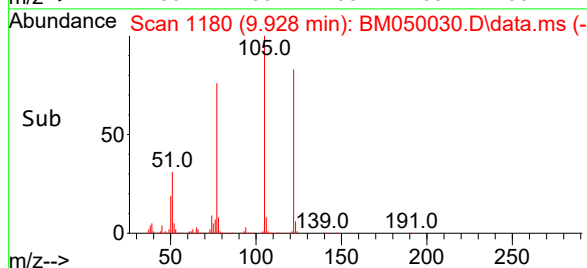
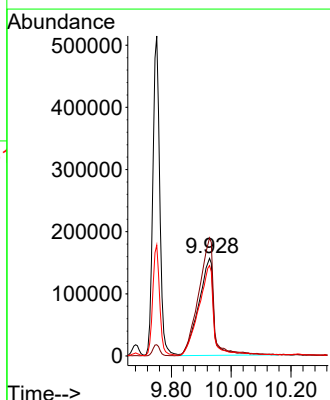
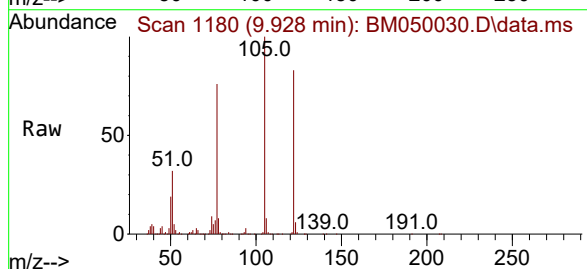
Delta R.T. 0.018 min

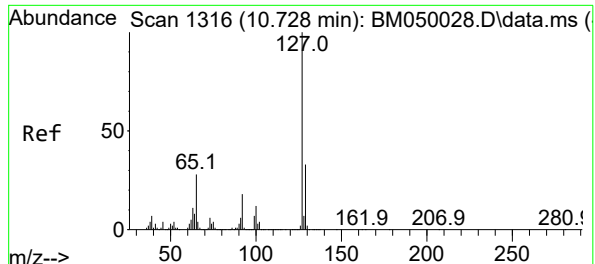
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598

Ion	Ratio	Lower	Upper
122	100		
105	120.9	103.6	143.6
77	92.5	73.7	113.7

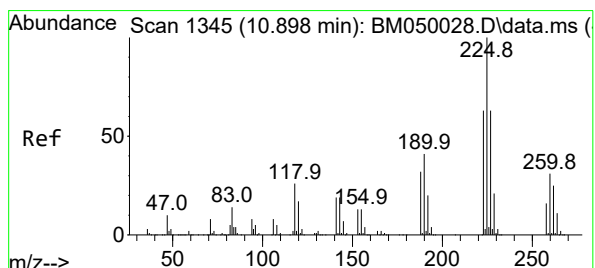
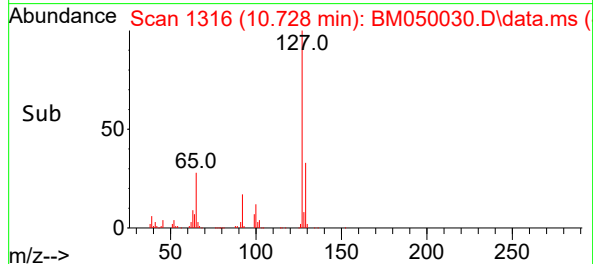
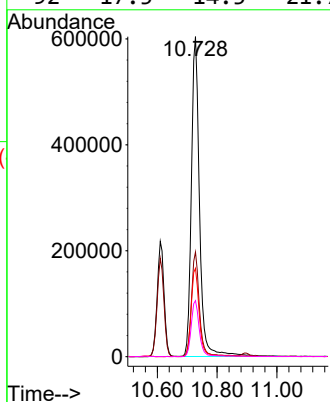
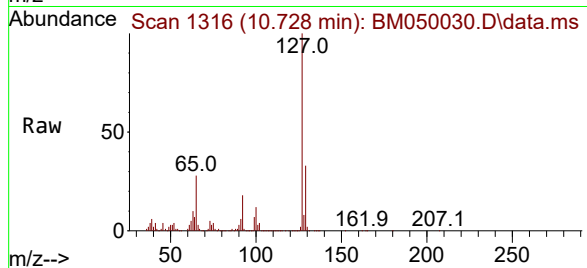




#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

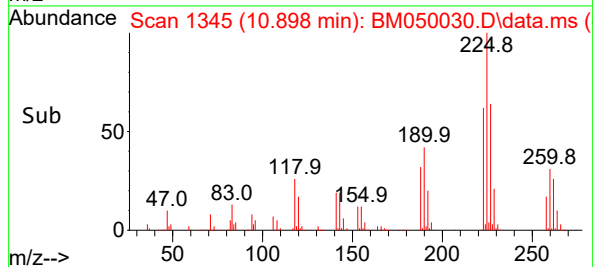
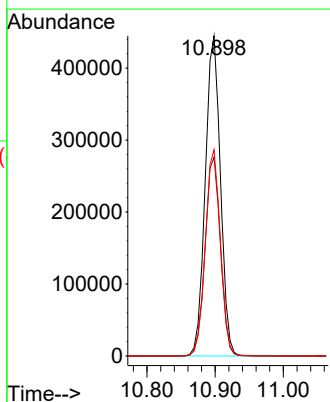
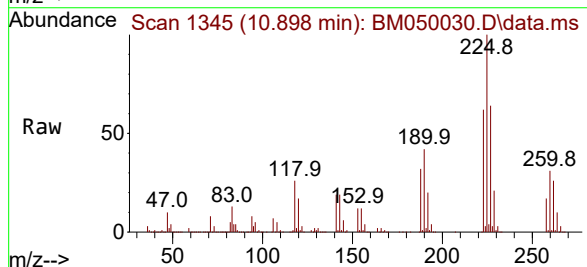
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

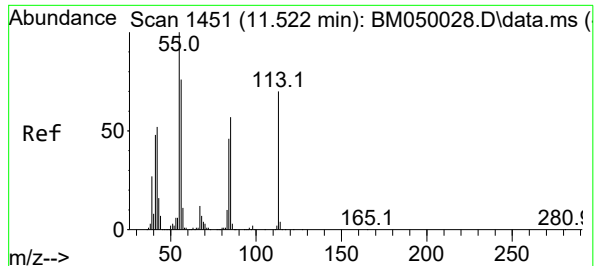
Tgt Ion:127 Resp: 1146085
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 27.6 22.5 33.7
92 17.5 14.5 21.7



#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.2
227 64.5 50.6 76.0

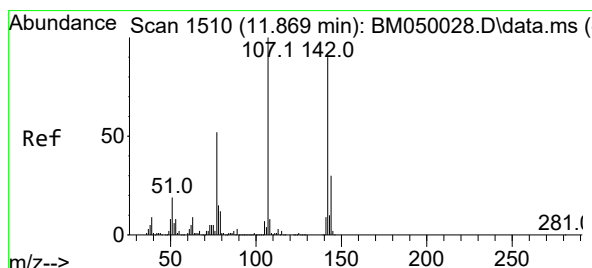
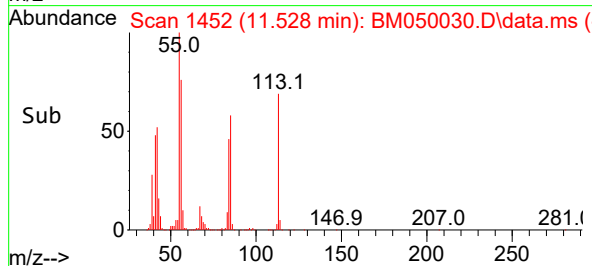
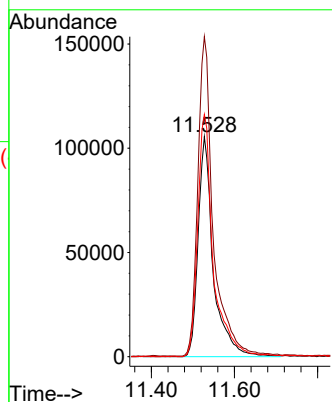
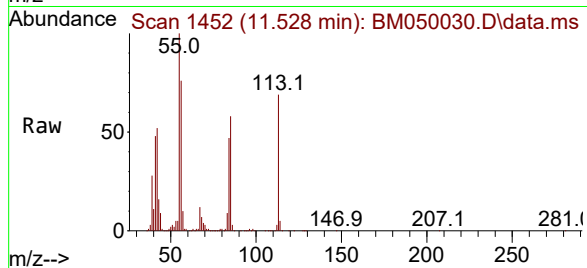




#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

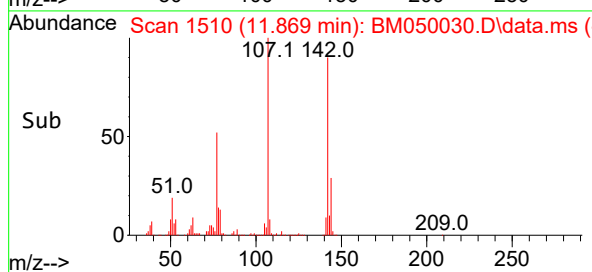
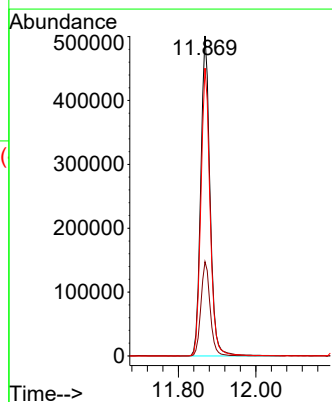
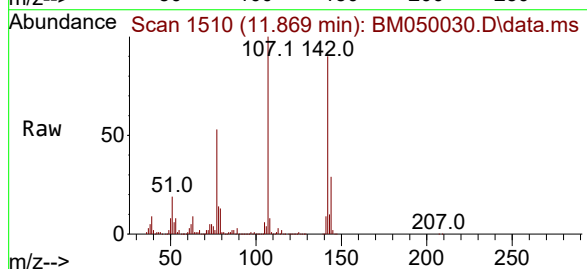
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

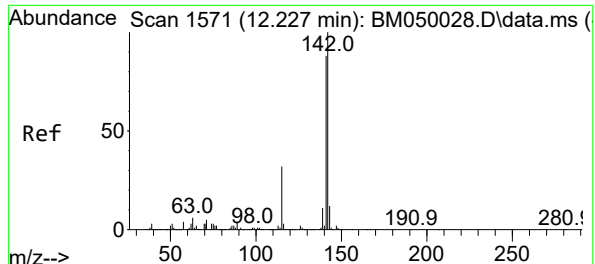
Tgt Ion:113 Resp: 266678
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050
Ion Ratio Lower Upper
107 100
144 29.4 23.8 35.6
142 89.9 71.9 107.9

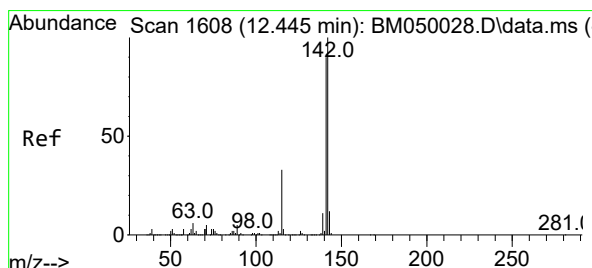
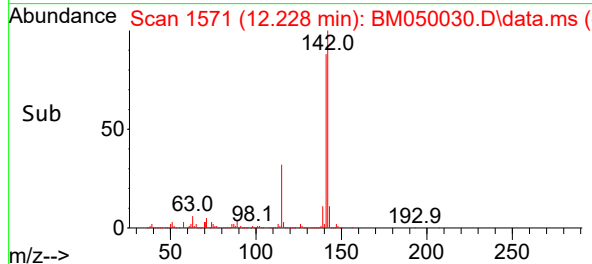
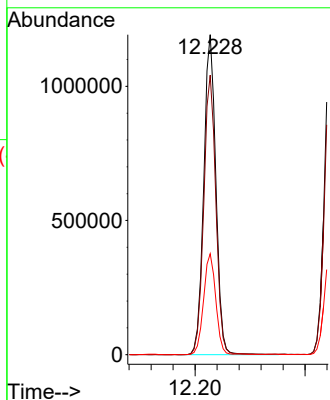
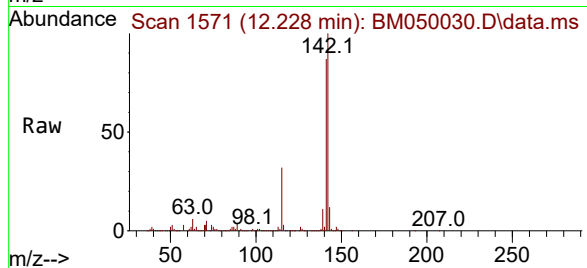




#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

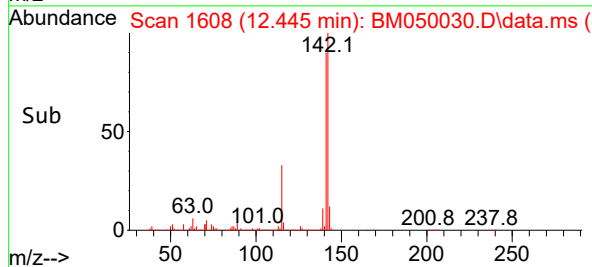
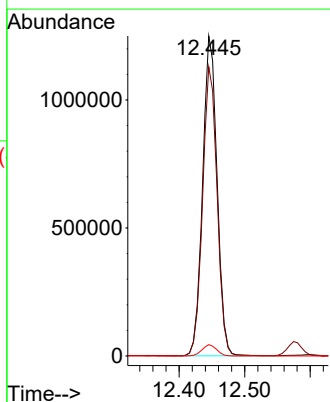
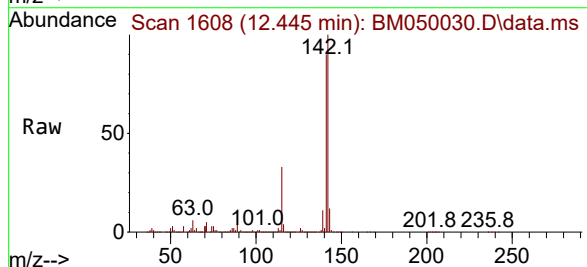
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

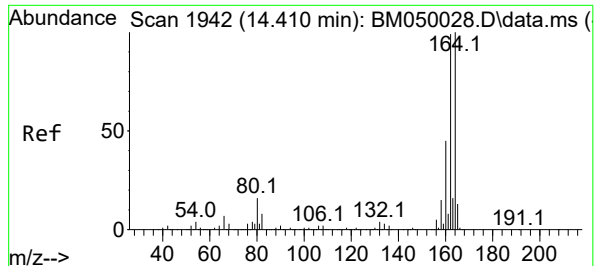
Tgt Ion:142 Resp: 1815345
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6
115 31.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

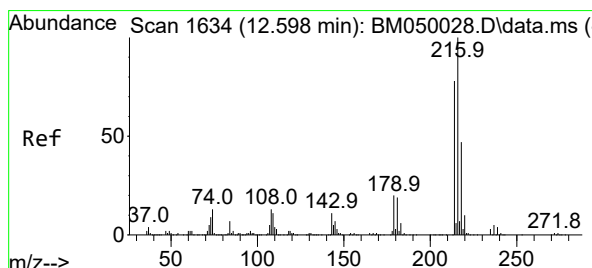
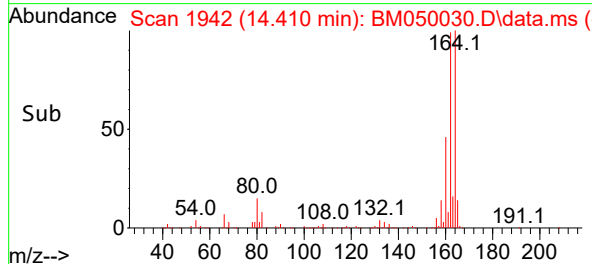
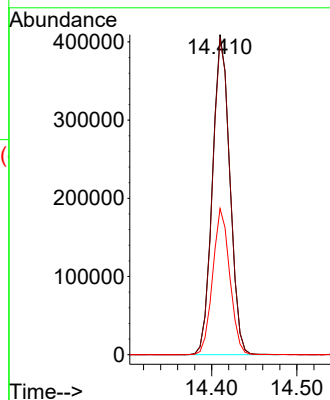
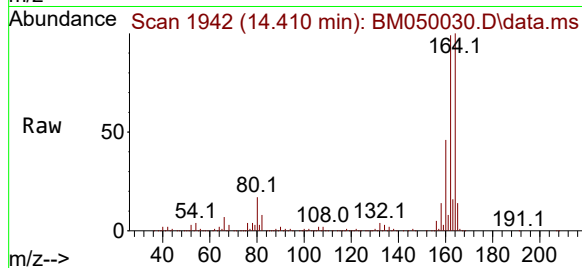
Tgt Ion:164 Resp: 580977

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 45.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.853 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

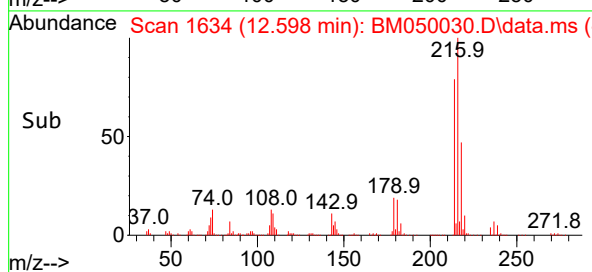
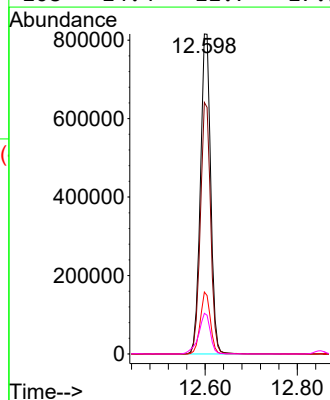
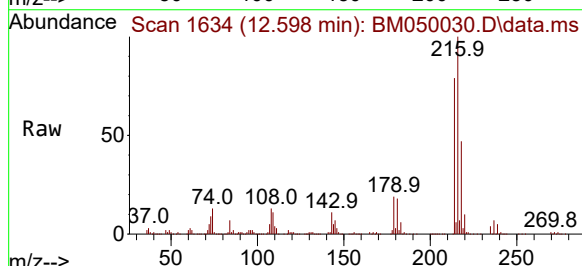
Ion Ratio Lower Upper

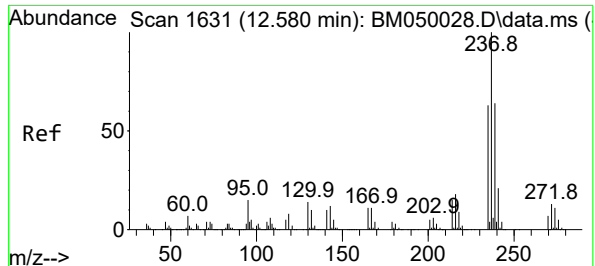
216 100

214 78.2 62.3 93.5

179 18.9 15.4 23.0

108 14.4 11.7 17.5

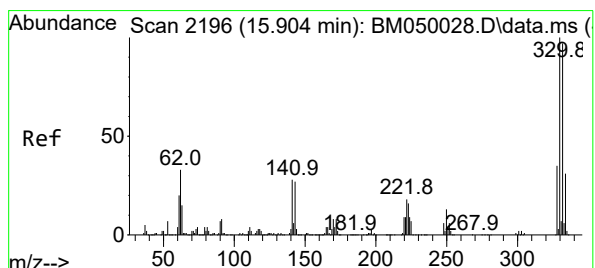
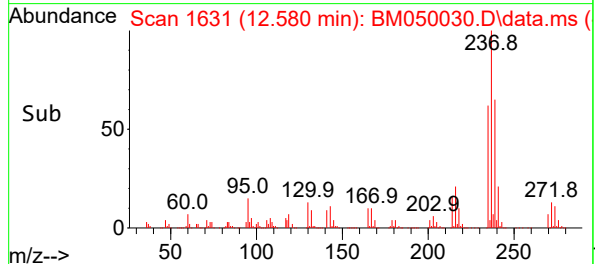
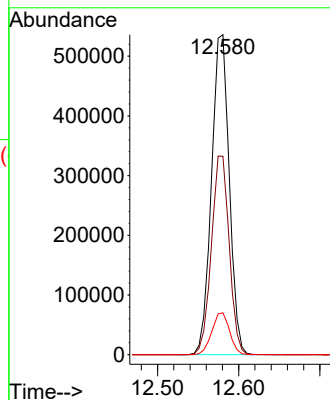
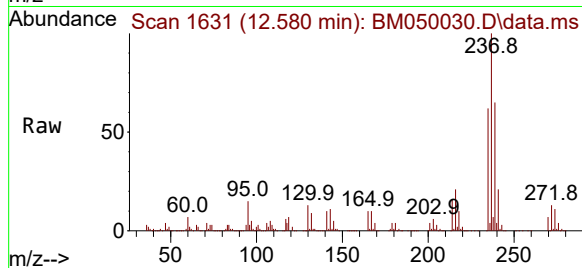




#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

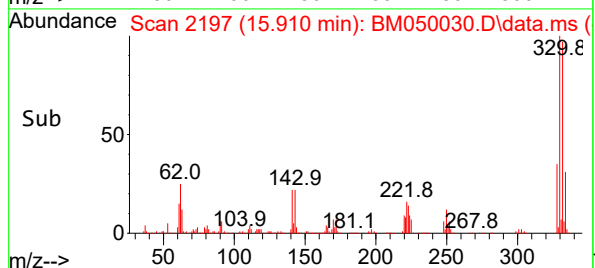
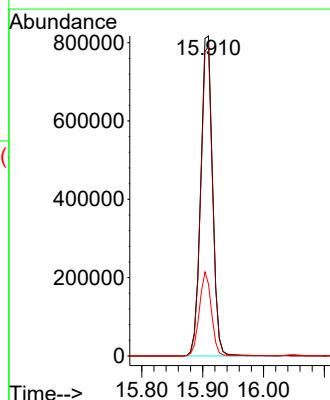
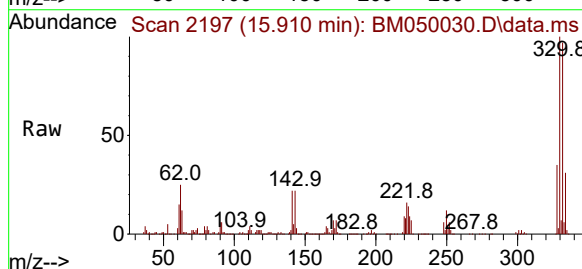
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

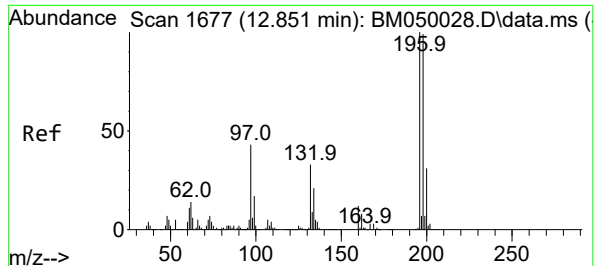
Tgt Ion:237 Resp: 814238
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 26.6 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 63.832 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

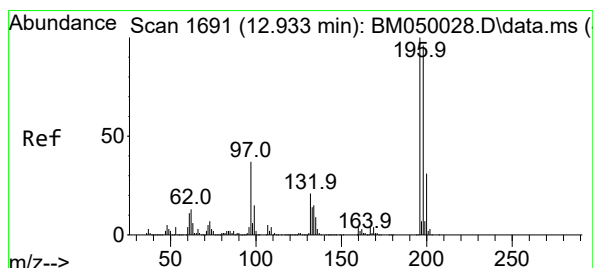
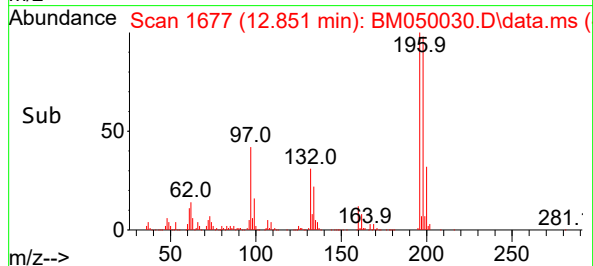
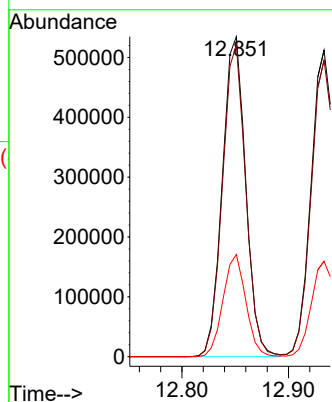
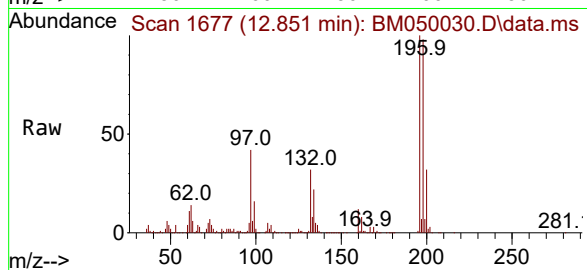
Tgt Ion:196 Resp: 814256

Ion Ratio Lower Upper

196 100

198 97.5 79.0 118.6

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 63.459 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

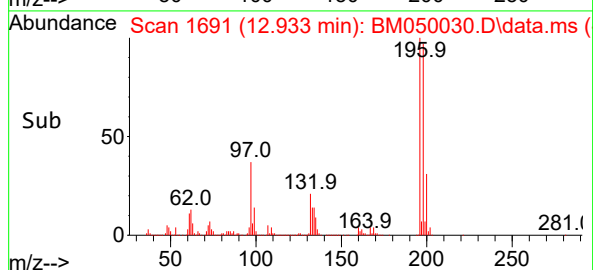
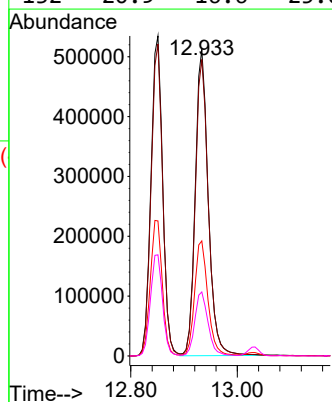
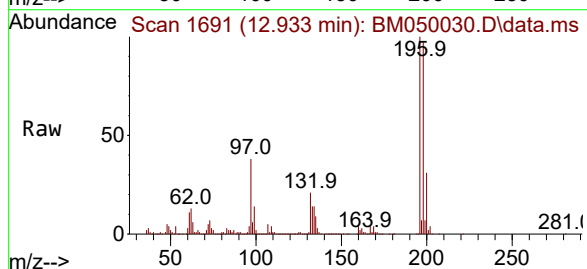
Ion Ratio Lower Upper

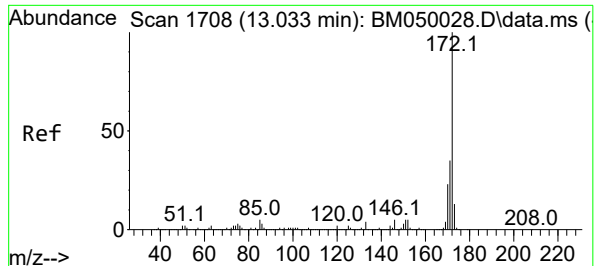
196 100

198 96.7 76.7 115.1

97 37.5 30.1 45.1

132 20.9 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 123.782 ng

RT: 13.033 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

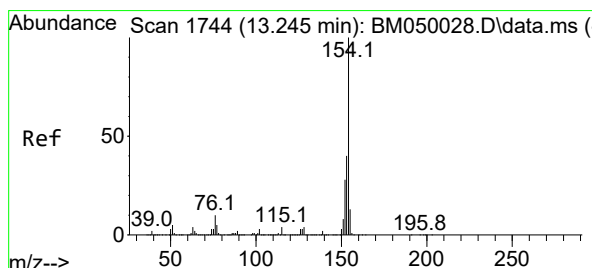
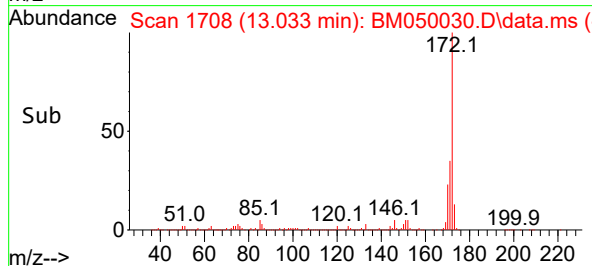
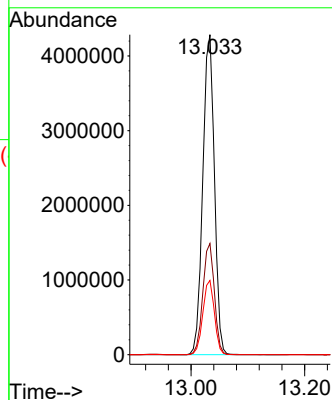
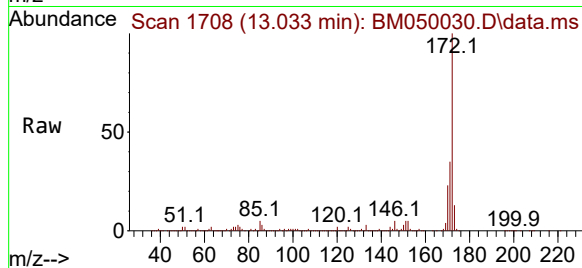
Tgt Ion:172 Resp: 6079094

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 60.817 ng

RT: 13.245 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

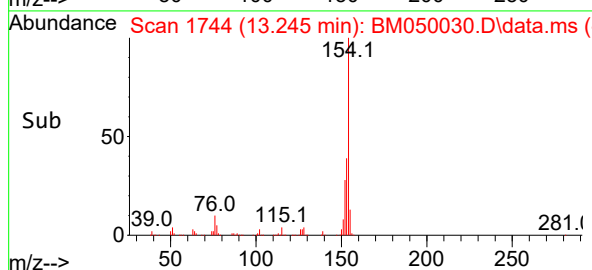
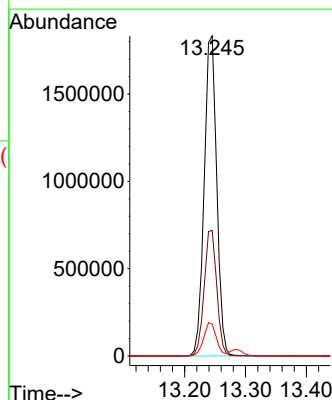
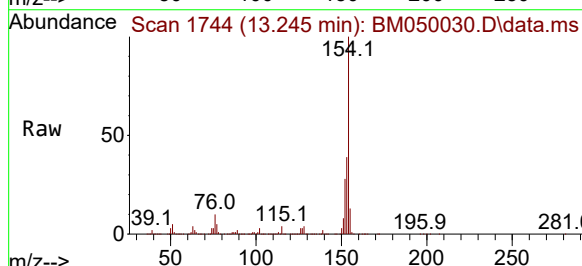
Tgt Ion:154 Resp: 2626494

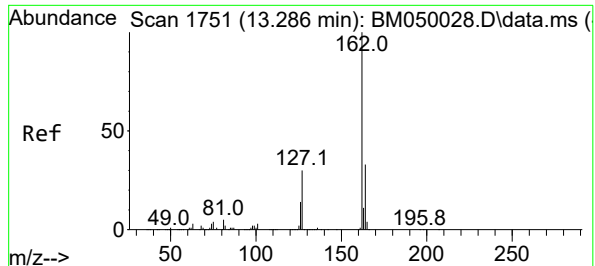
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 60.760 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

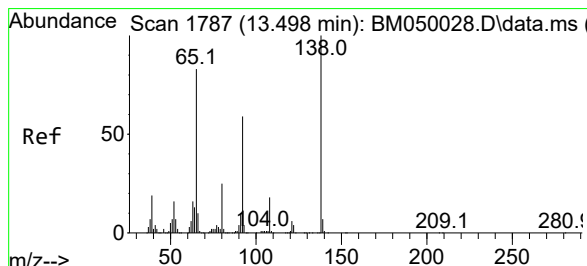
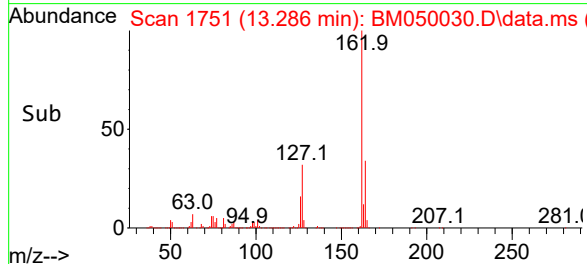
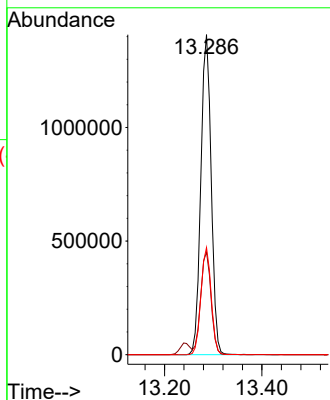
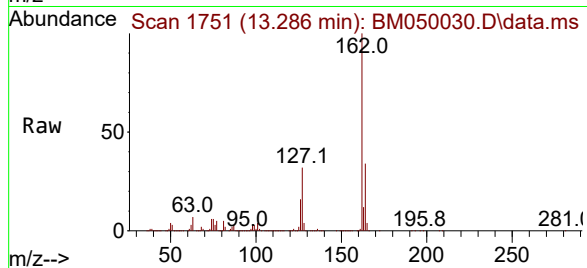
Tgt Ion:162 Resp: 2078242

Ion Ratio Lower Upper

162 100

127 32.1 25.9 38.9

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 63.847 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

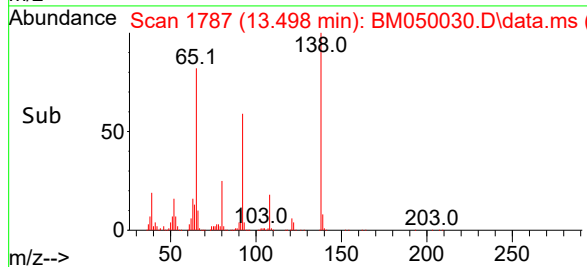
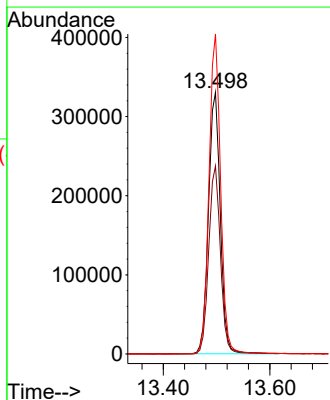
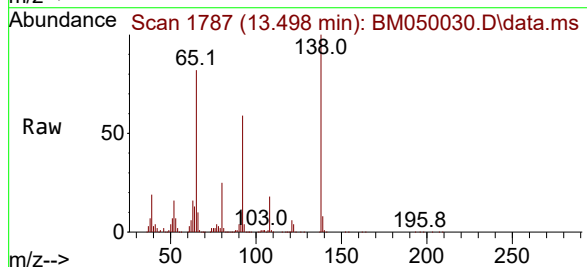
Tgt Ion: 65 Resp: 512544

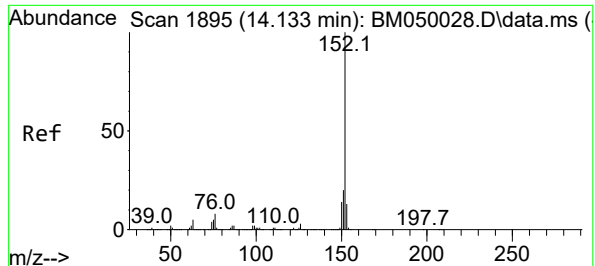
Ion Ratio Lower Upper

65 100

92 71.9 57.1 85.7

138 122.3 97.0 145.4





#49

Acenaphthylene

Concen: 61.060 ng

RT: 14.133 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

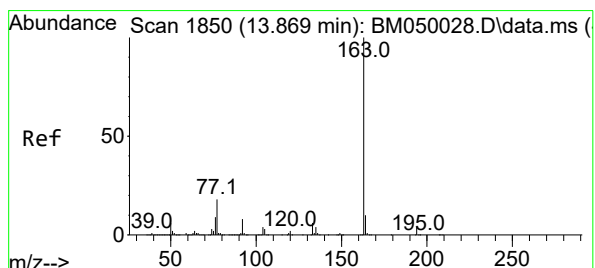
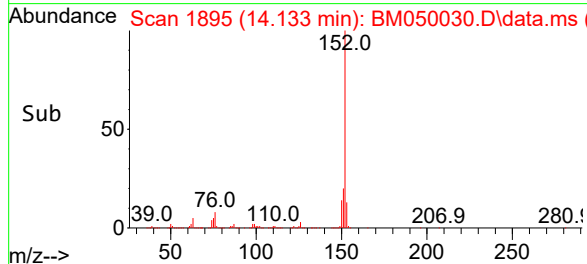
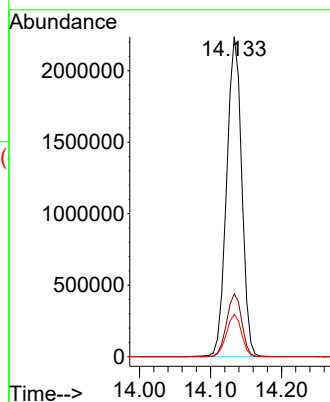
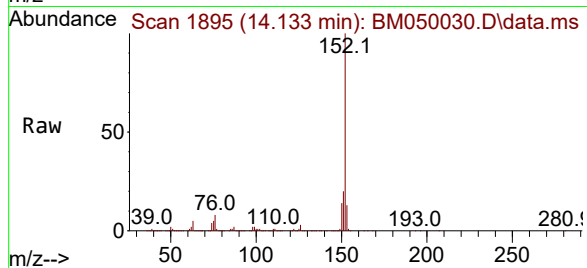
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 3292902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8



#50

Dimethylphthalate

Concen: 60.347 ng

RT: 13.874 min Scan# 1851

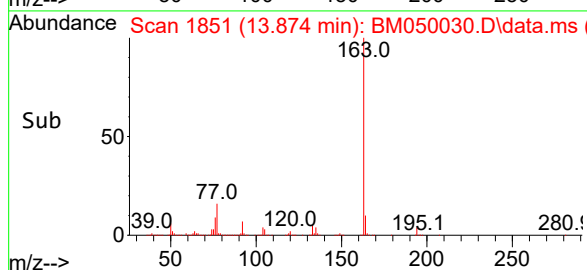
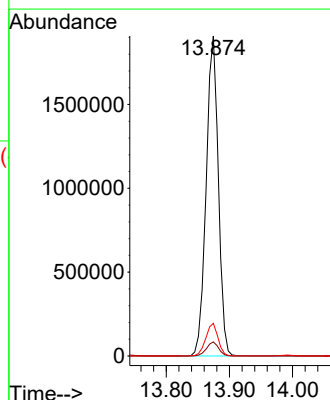
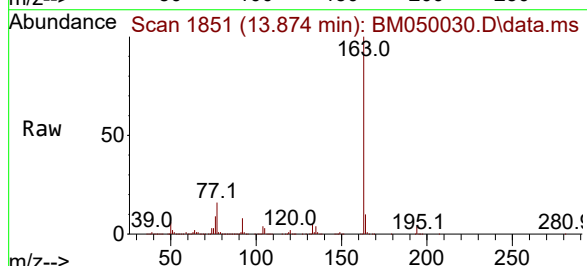
Delta R.T. 0.006 min

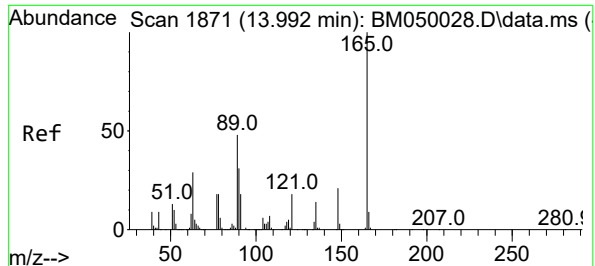
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2

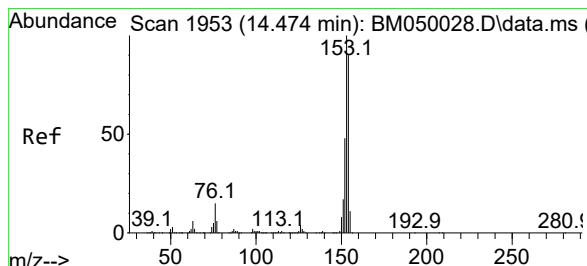
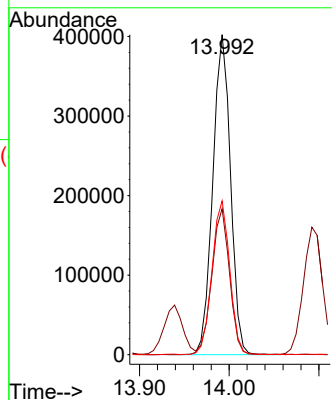
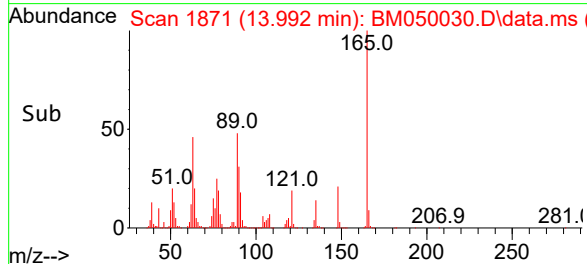
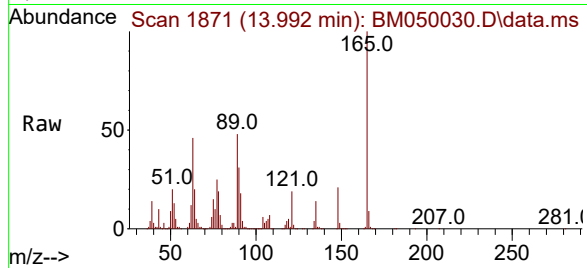




#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

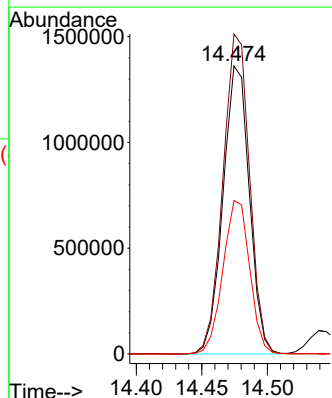
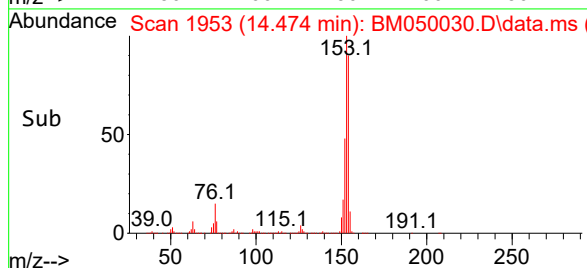
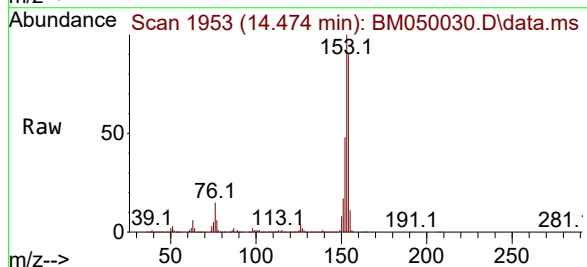
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

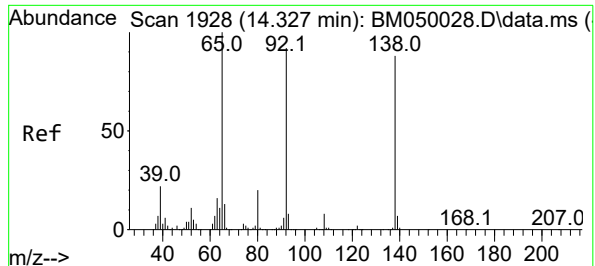
Tgt Ion:165 Resp: 551466
Ion Ratio Lower Upper
165 100
63 45.6 35.1 52.7
89 48.1 38.4 57.6



#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 53.3 43.0 64.6

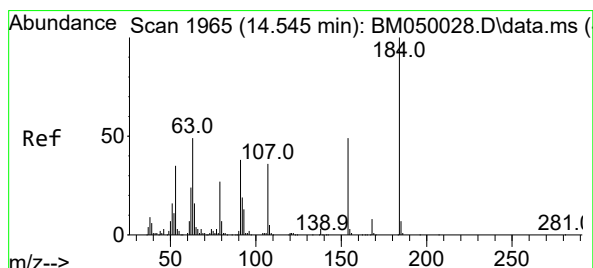
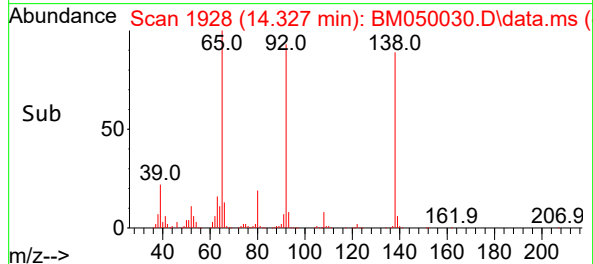
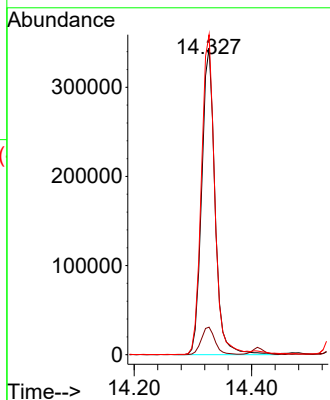
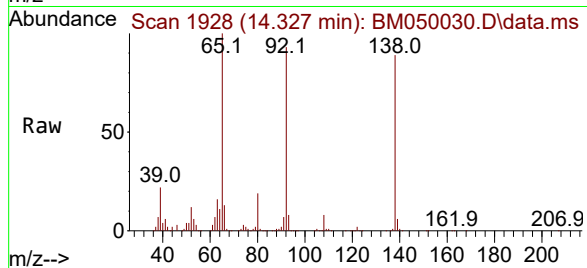




#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

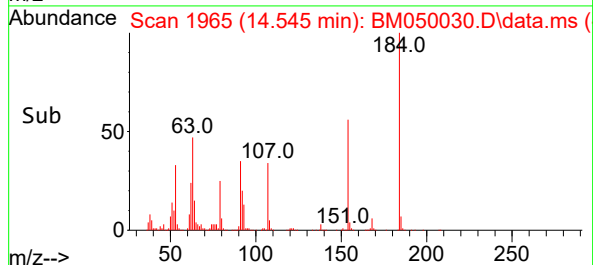
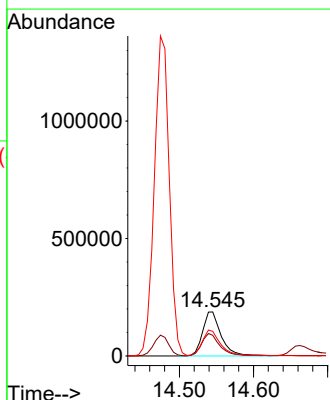
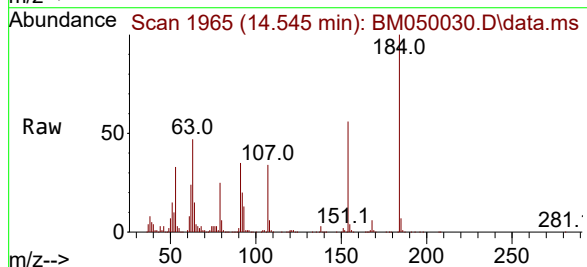
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

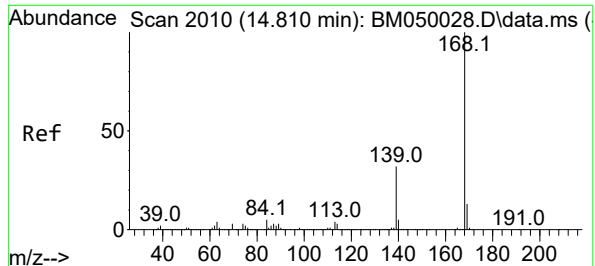
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0



#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1





#55

Dibenzofuran

Concen: 60.738 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

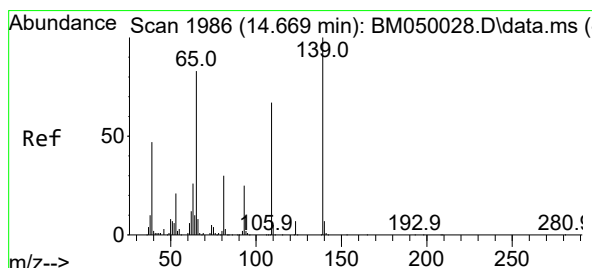
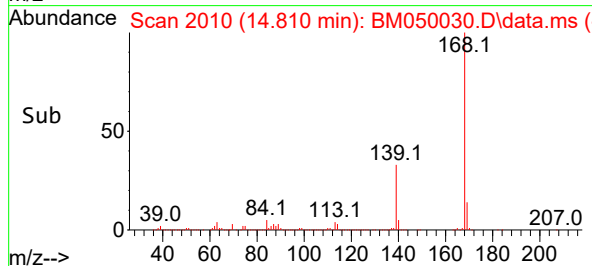
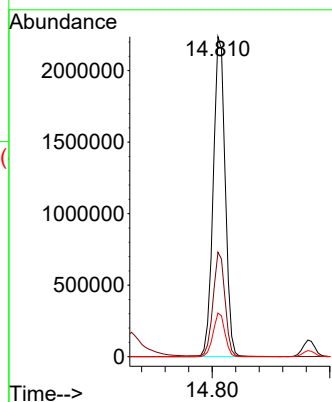
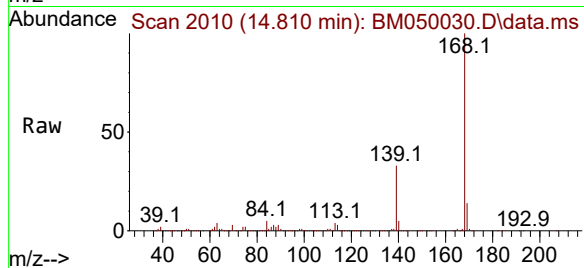
Tgt Ion:168 Resp: 3154566

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 60.088 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

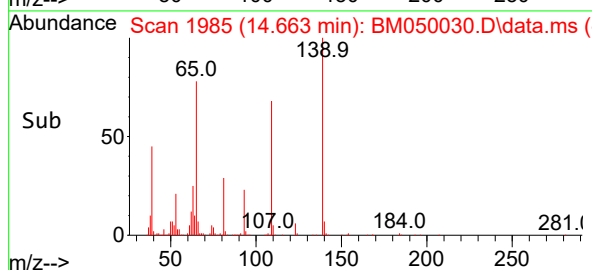
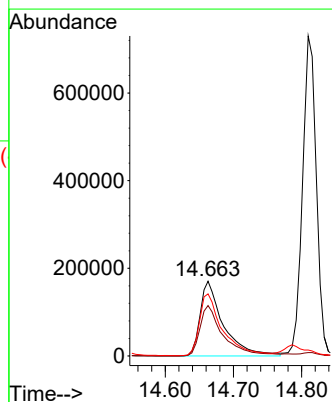
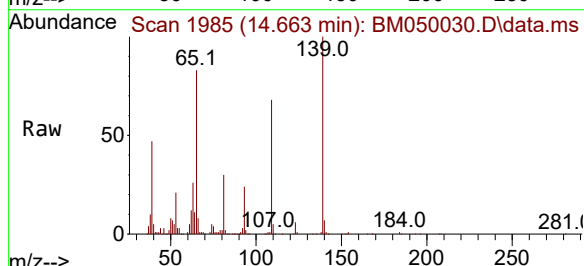
Tgt Ion:139 Resp: 402106

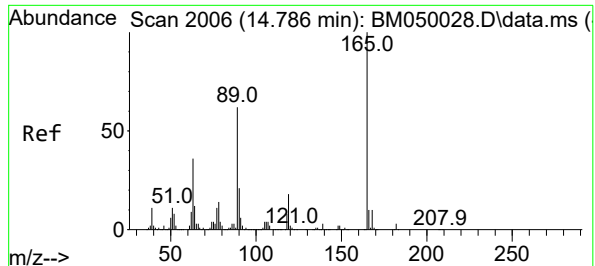
Ion Ratio Lower Upper

139 100

109 67.5 47.0 87.0

65 83.0 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 64.180 ng

RT: 14.786 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 779604

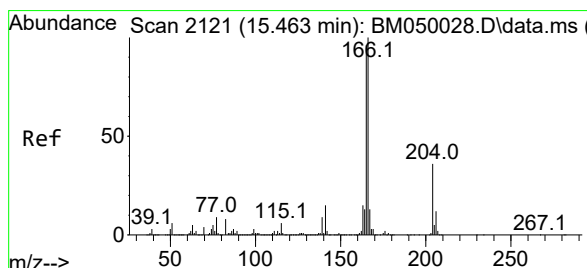
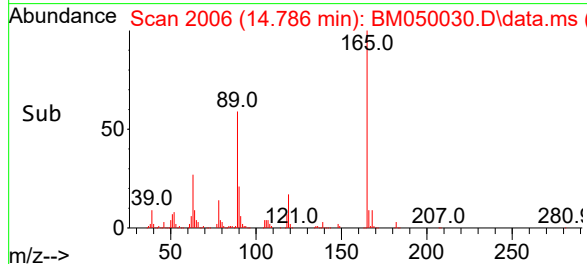
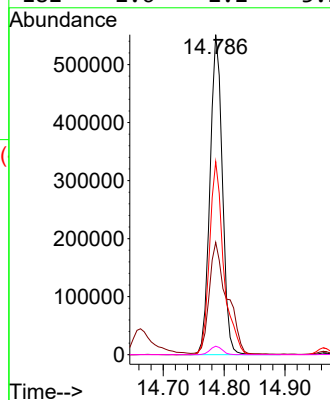
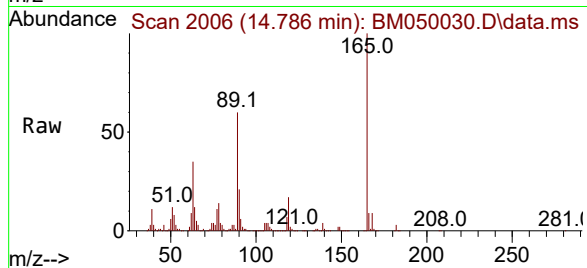
Ion Ratio Lower Upper

165 100

63 35.1 29.0 43.6

89 60.3 49.4 74.2

182 2.6 2.2 3.2



#58

Fluorene

Concen: 61.497 ng

RT: 15.463 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

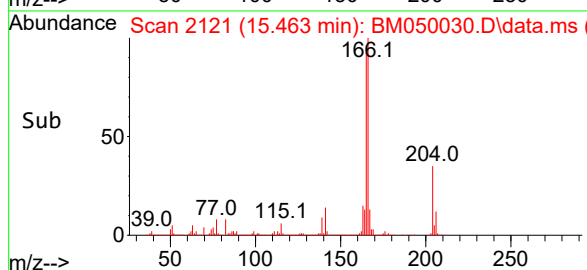
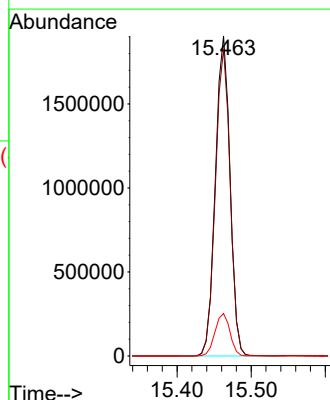
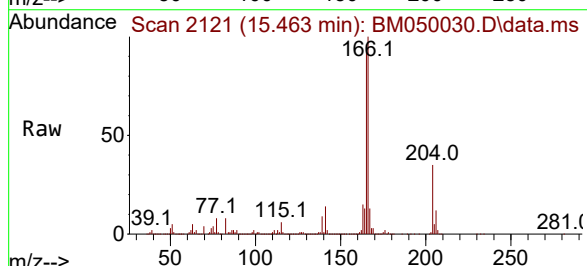
Tgt Ion:166 Resp: 2614340

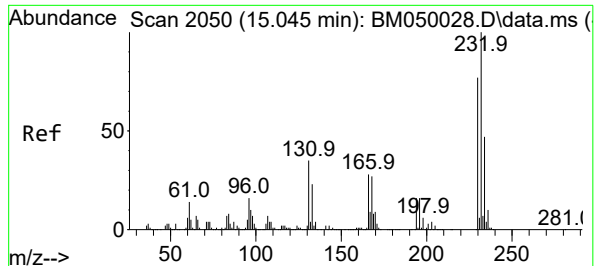
Ion Ratio Lower Upper

166 100

165 96.0 76.6 115.0

167 13.3 10.6 16.0

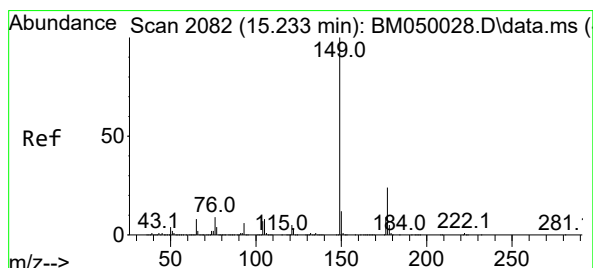
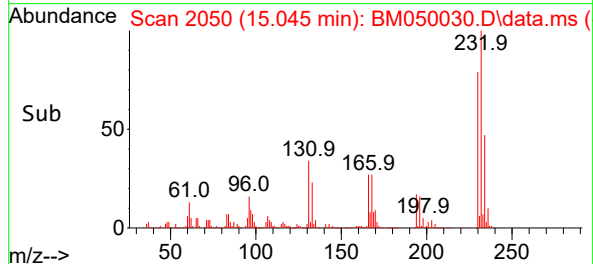
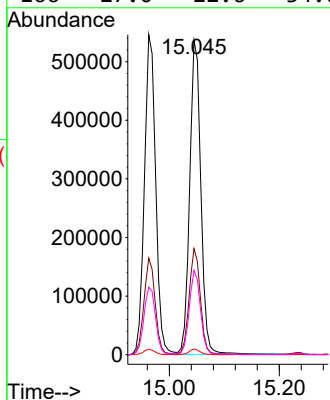
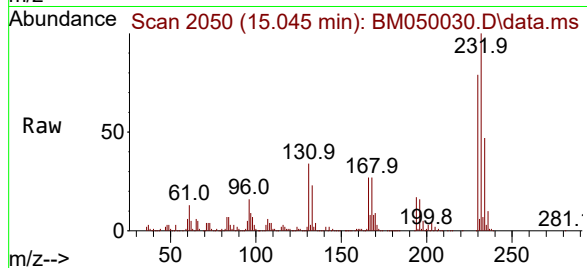




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

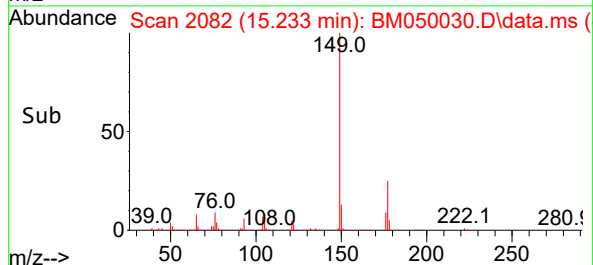
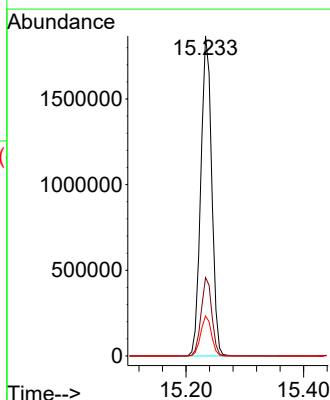
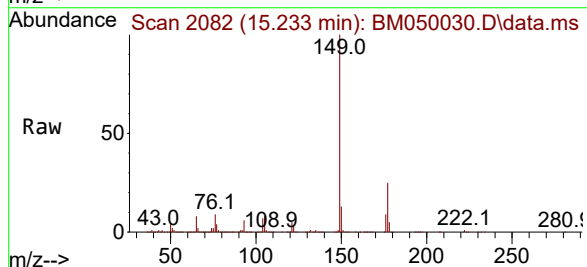
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

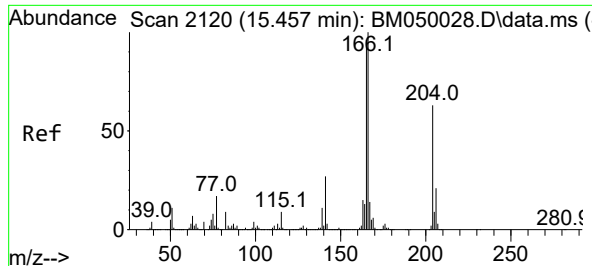
Tgt Ion:232 Resp: 752680
Ion Ratio Lower Upper
232 100
131 34.1 28.2 42.4
130 1.8 1.5 2.3
166 27.0 22.6 34.0



#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624
Ion Ratio Lower Upper
149 100
177 24.5 19.1 28.7
150 12.5 9.6 14.4

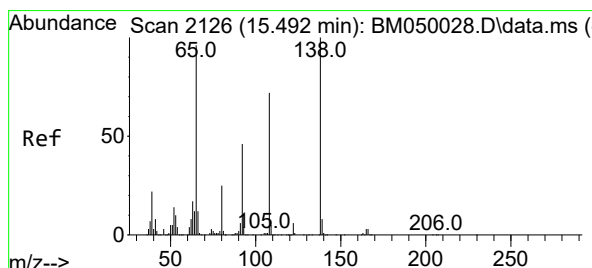
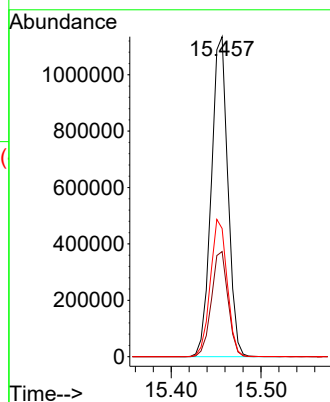
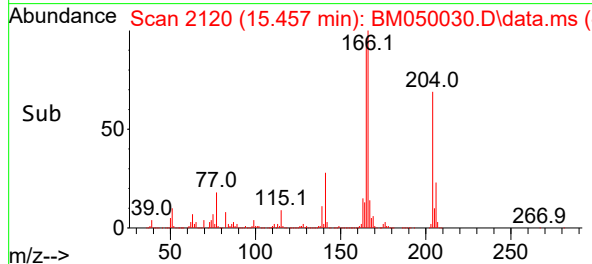
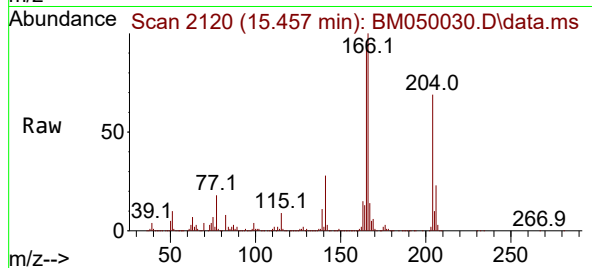




#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

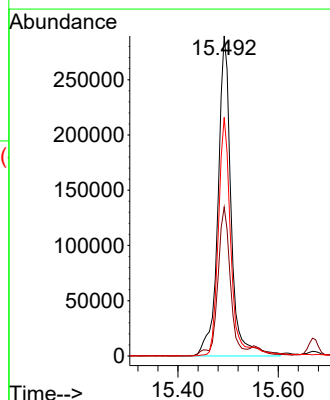
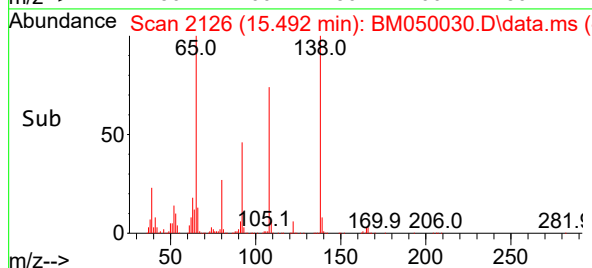
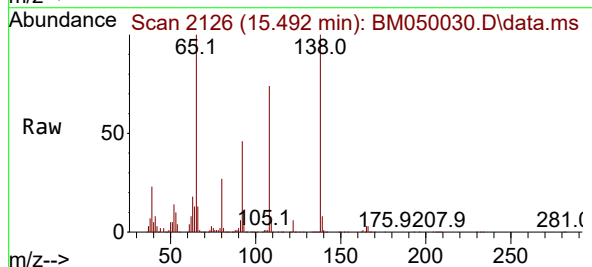
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

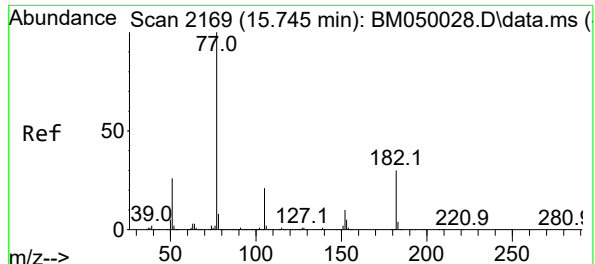
Tgt Ion:204 Resp: 1457099
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 40.0 34.0 51.0



#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 74.6 52.4 92.4

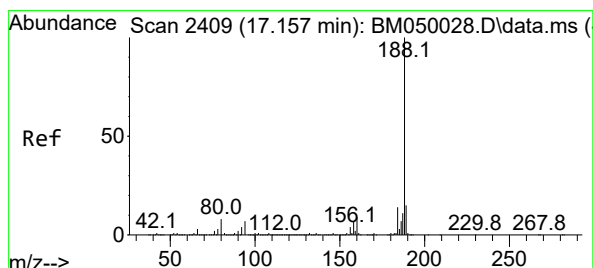
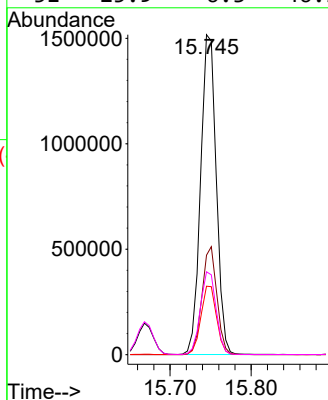
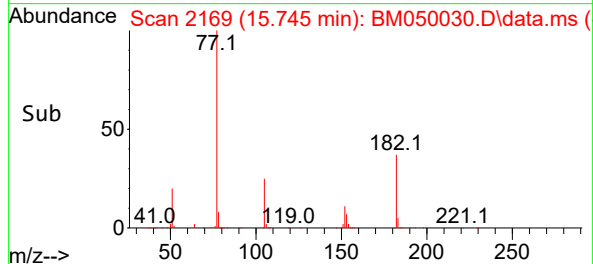
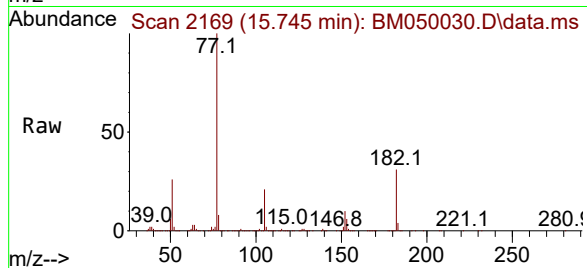




#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

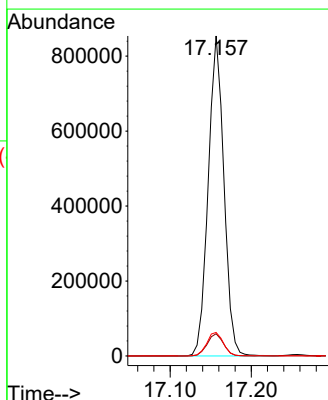
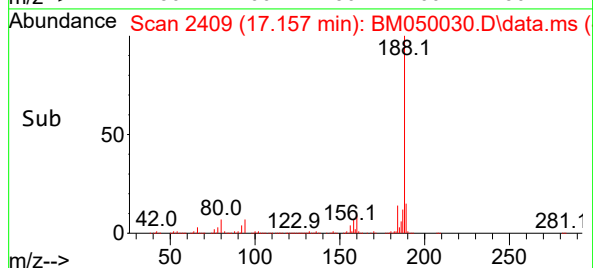
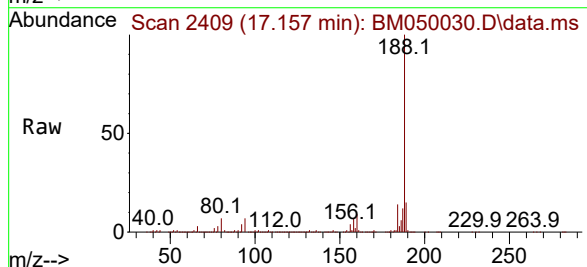
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

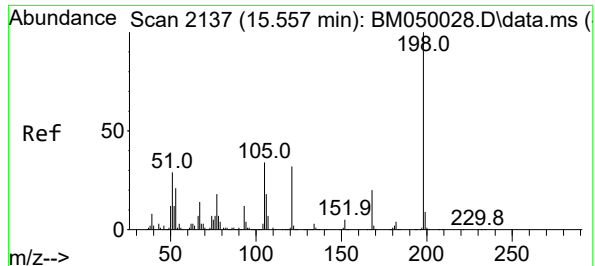
Tgt Ion: 77 Resp: 2030208
Ion Ratio Lower Upper
77 100
182 31.1 10.5 50.5
105 21.4 1.1 41.1
51 25.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 188 Resp: 1144389
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.3 6.2 9.4

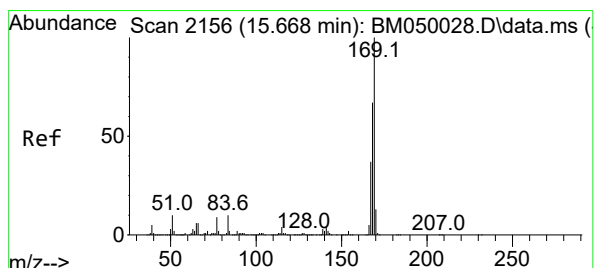
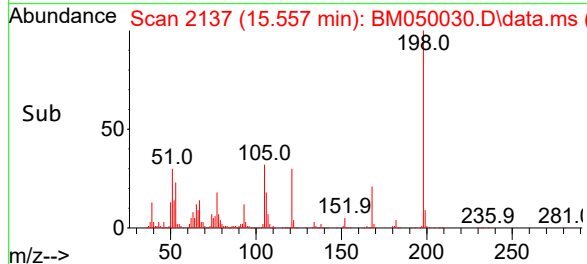
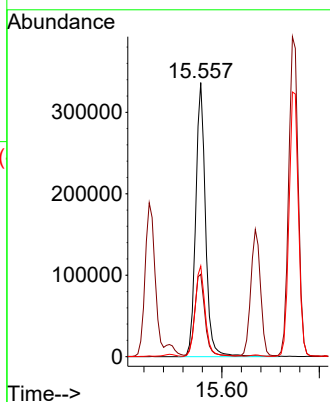
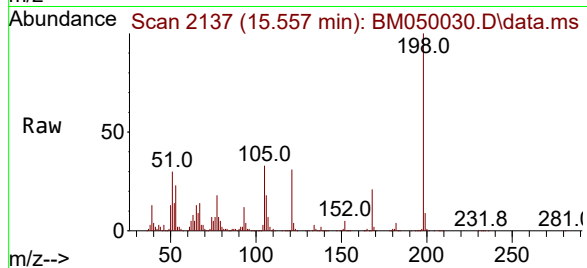




#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

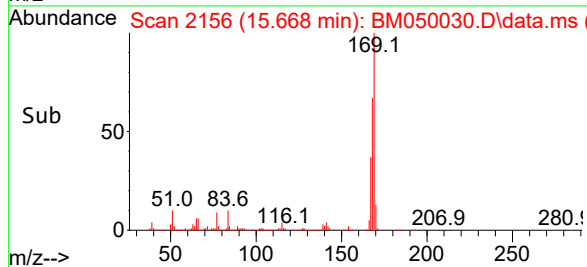
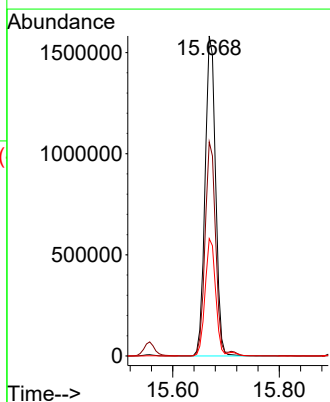
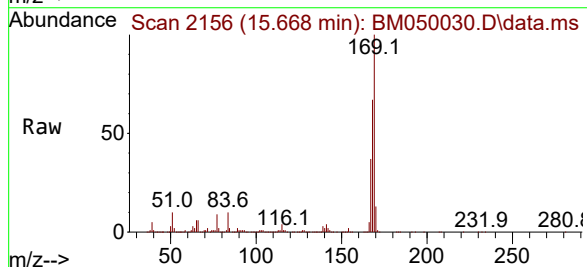
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

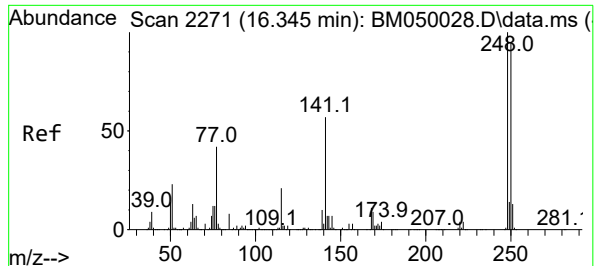
Tgt Ion:198 Resp: 473987
Ion Ratio Lower Upper
198 100
51 30.1 10.4 50.4
105 33.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.6 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 63.509 ng

RT: 16.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

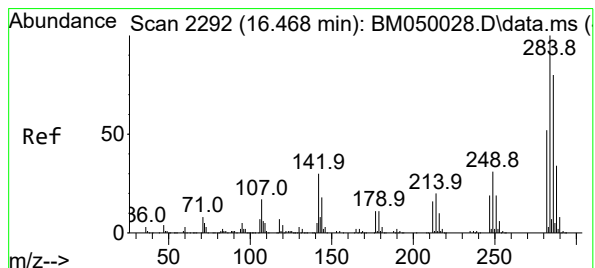
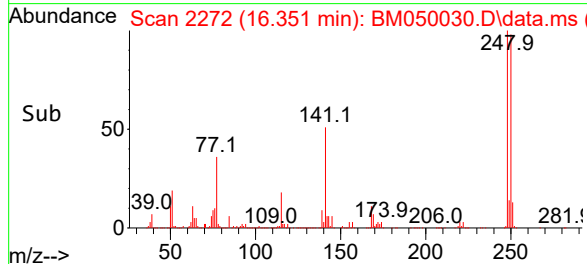
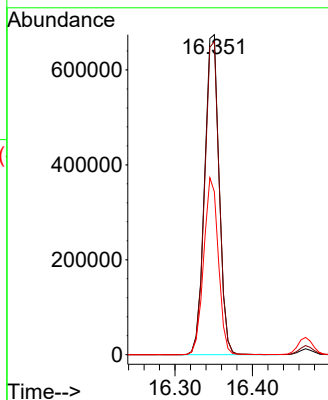
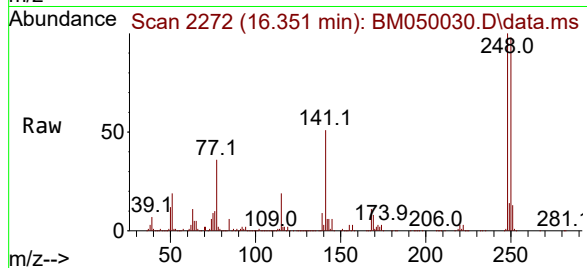
Tgt Ion:248 Resp: 878886

Ion Ratio Lower Upper

248 100

250 97.8 76.2 114.2

141 50.9 45.9 68.9



#68

Hexachlorobenzene

Concen: 62.711 ng

RT: 16.468 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

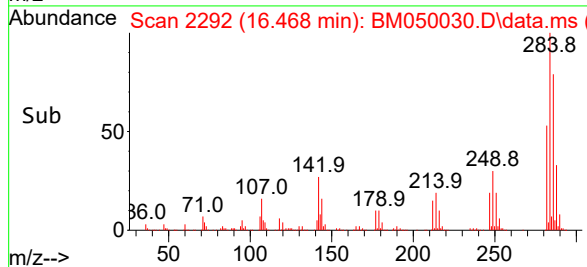
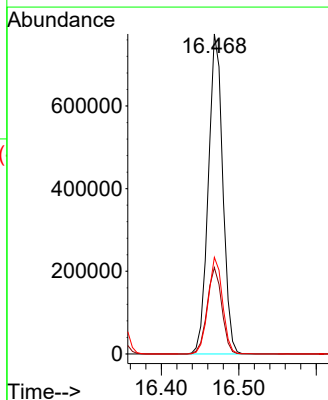
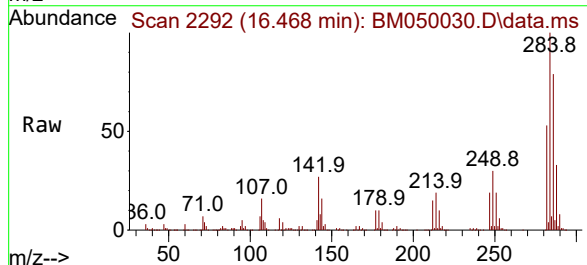
Tgt Ion:284 Resp: 1000366

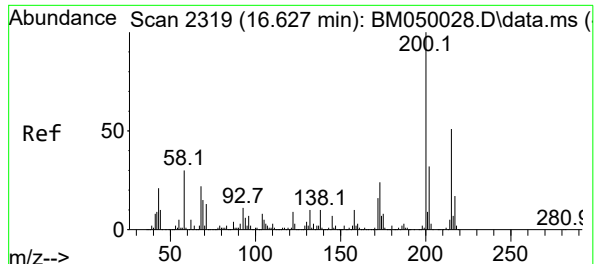
Ion Ratio Lower Upper

284 100

142 27.0 23.9 35.9

249 30.2 24.5 36.7





#69

Atrazine

Concen: 63.312 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

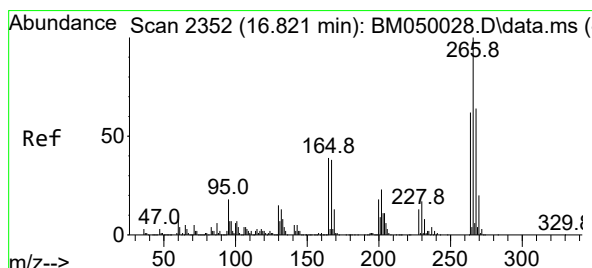
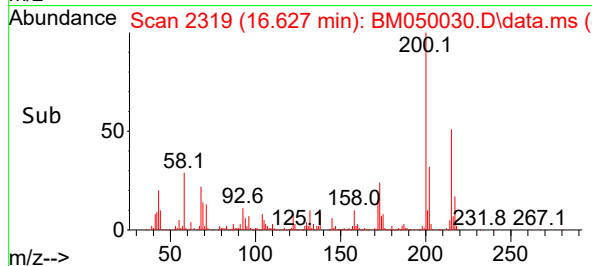
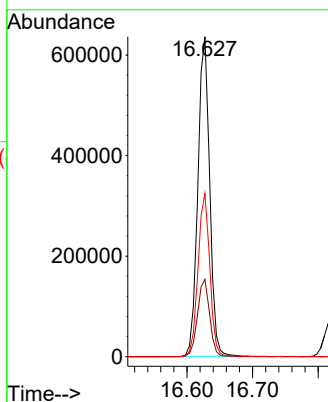
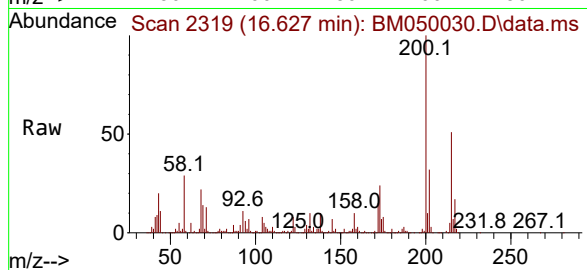
Tgt Ion:200 Resp: 802538

Ion Ratio Lower Upper

200 100

173 24.2 4.3 44.3

215 51.0 30.6 70.6



#70

Pentachlorophenol

Concen: 65.136 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

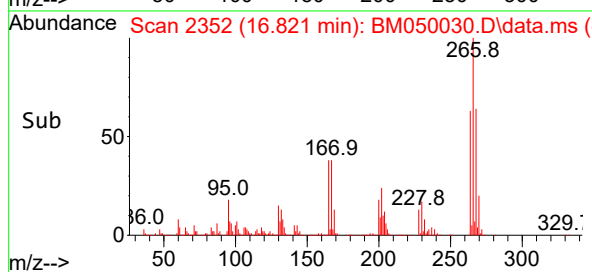
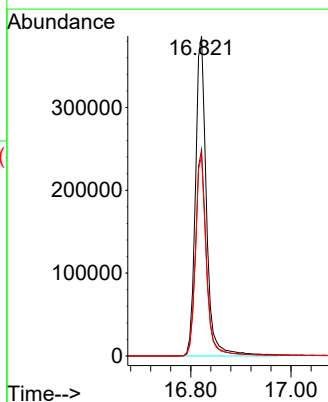
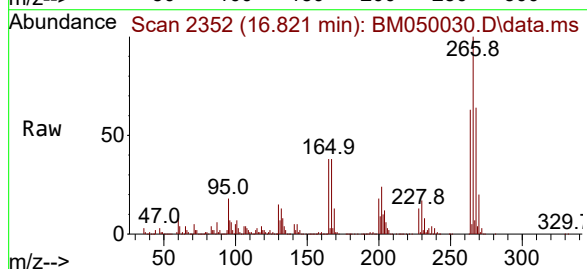
Tgt Ion:266 Resp: 584874

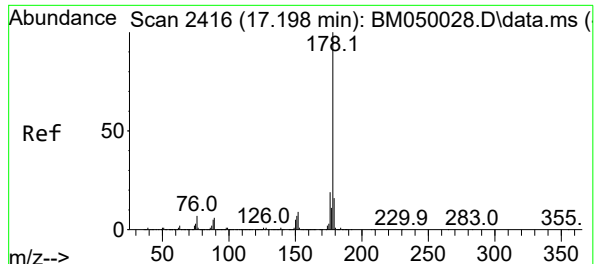
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 62.6 49.6 74.4

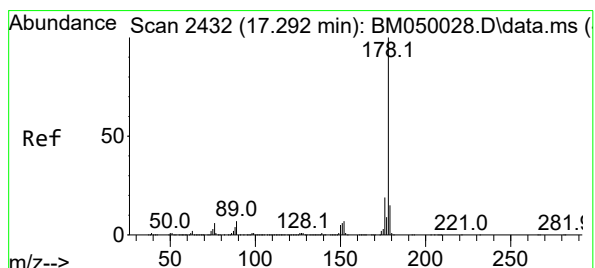
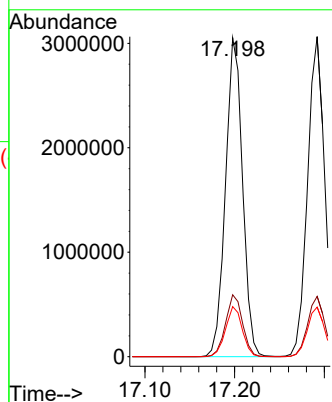
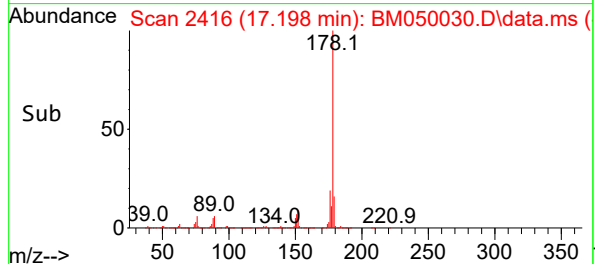
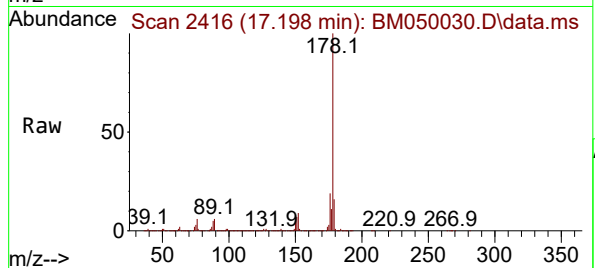




#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

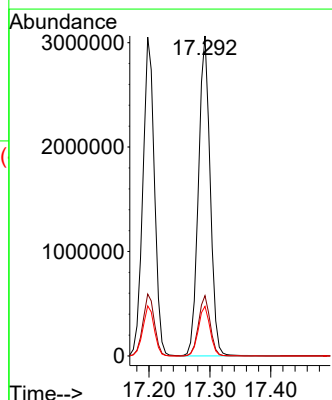
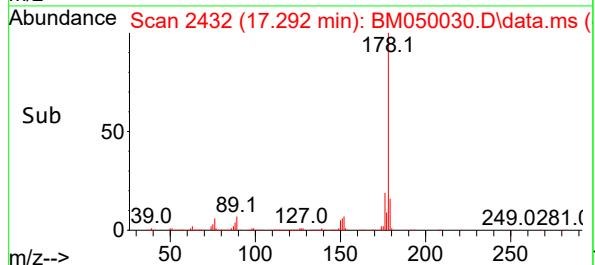
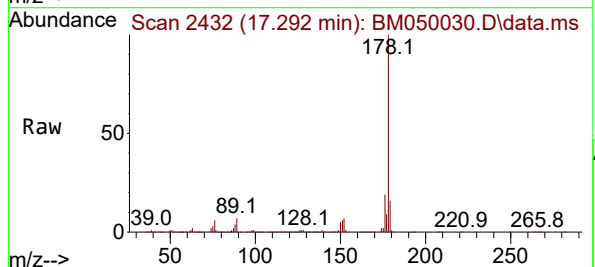
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

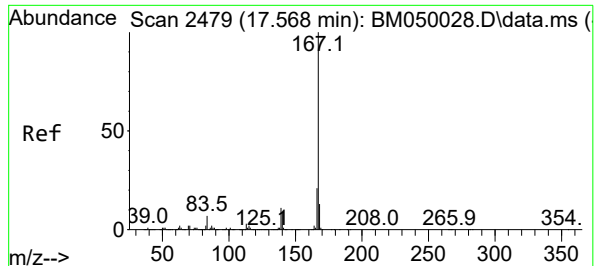
Tgt Ion:178 Resp: 4028280
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.4 18.6



#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4

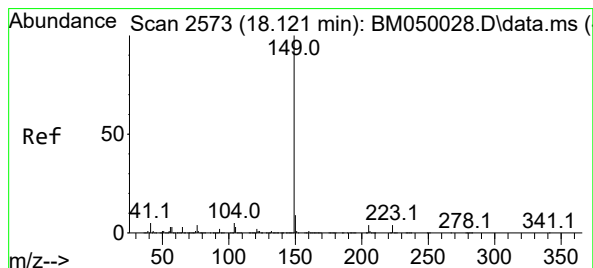
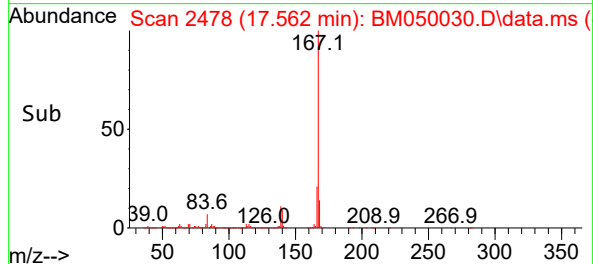
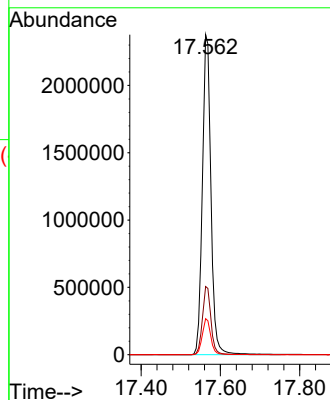
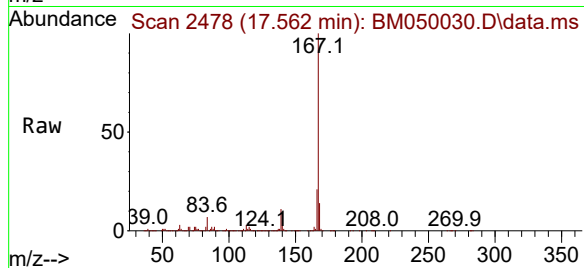




#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

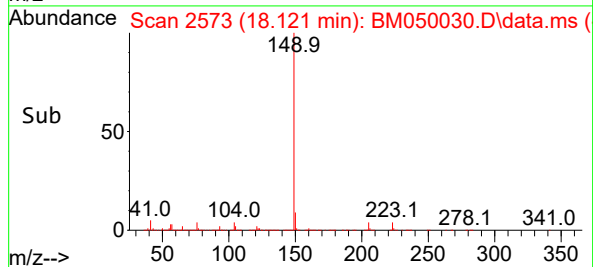
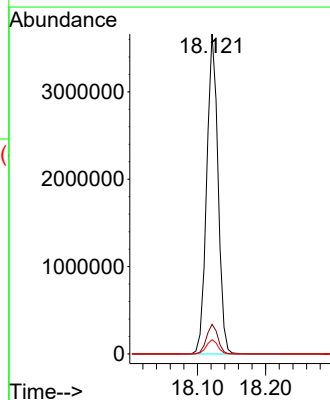
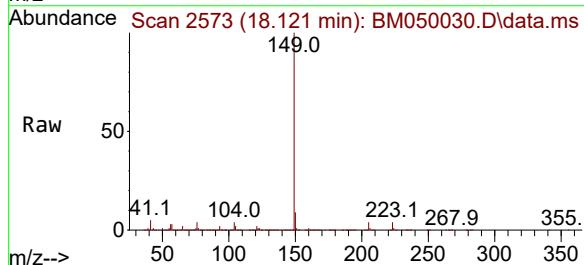
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

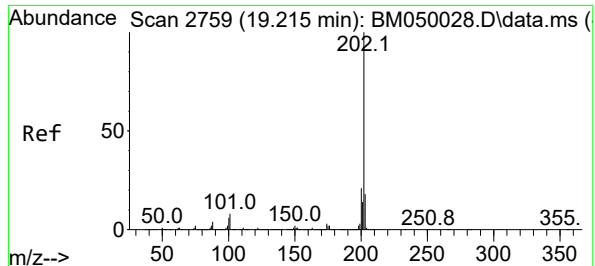
Tgt Ion:167 Resp: 3562573
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6

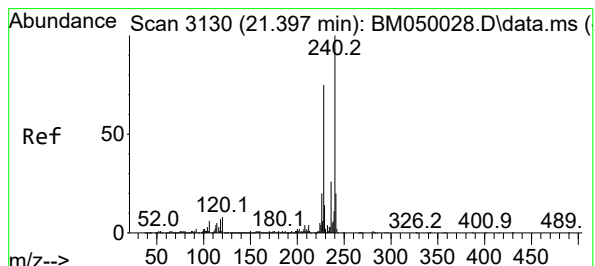
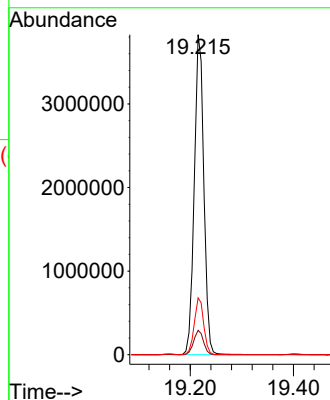
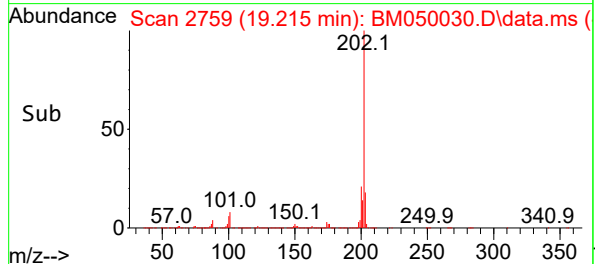
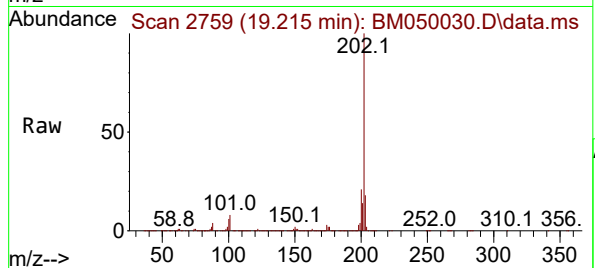




#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

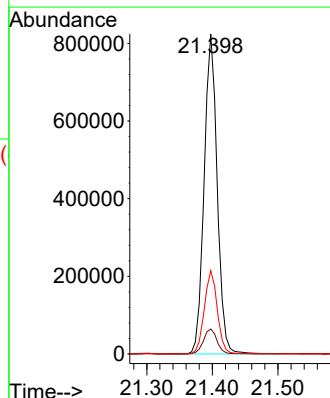
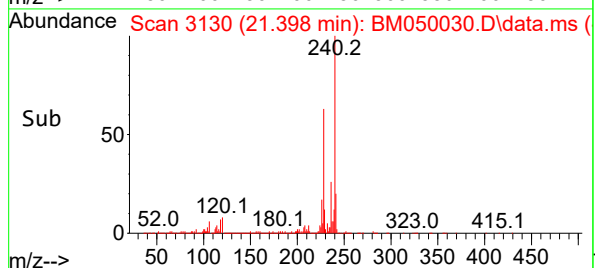
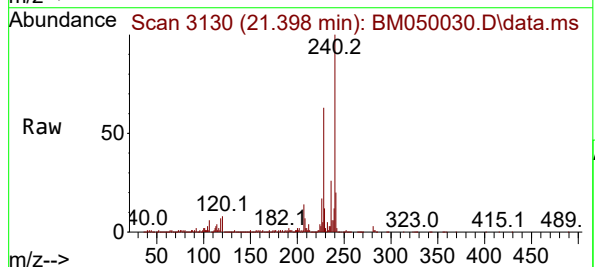
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

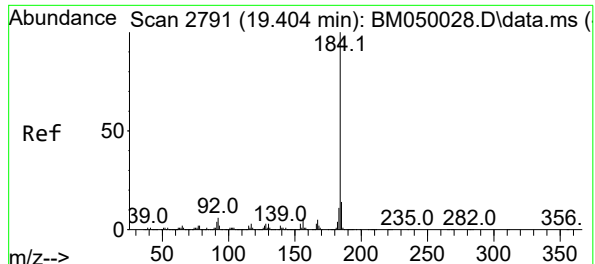
Tgt Ion:202 Resp: 4891273
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.1 20.9 31.3

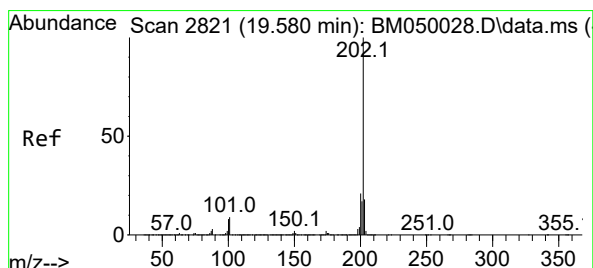
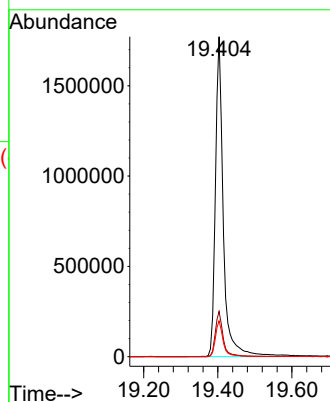
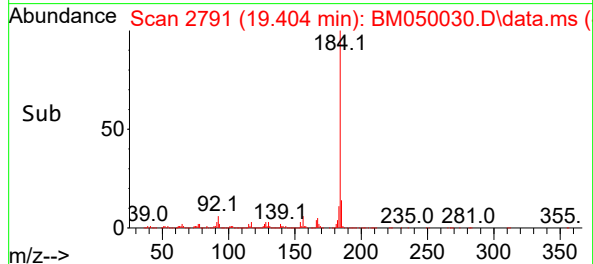
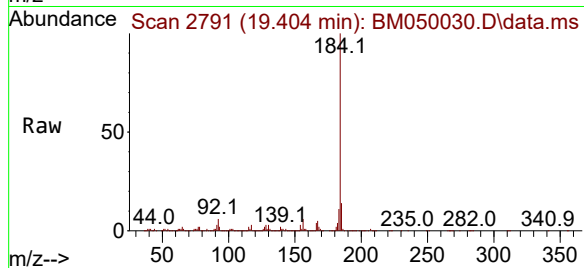




#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

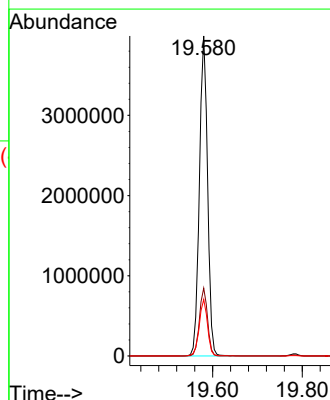
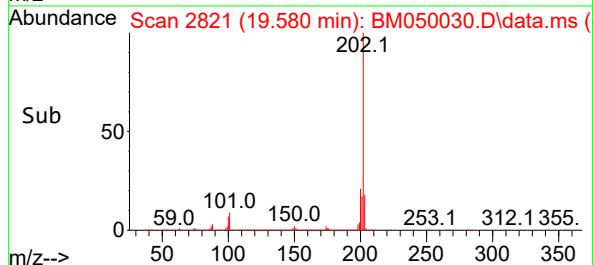
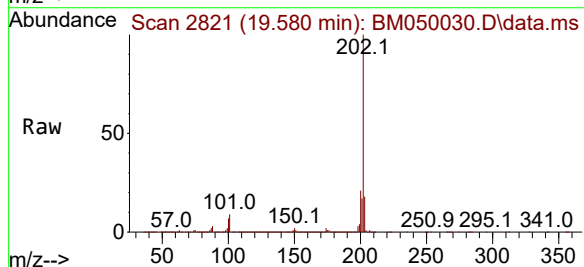
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

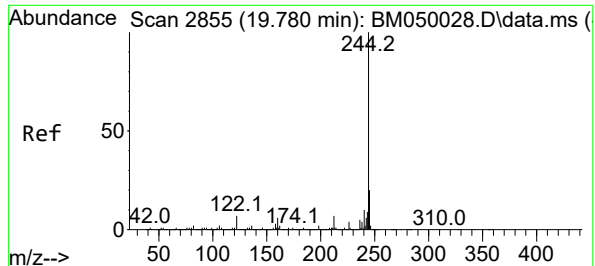
Tgt Ion:184 Resp: 2626747
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 14.1 21.1

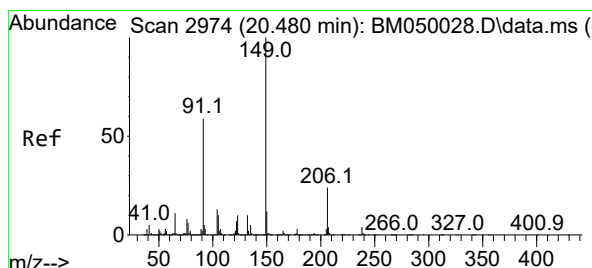
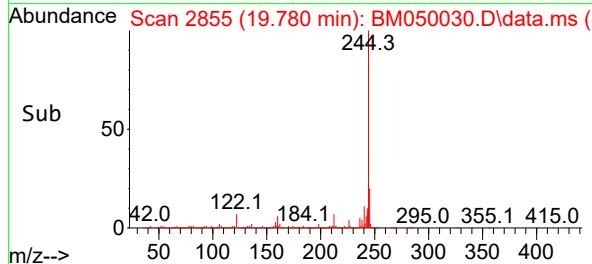
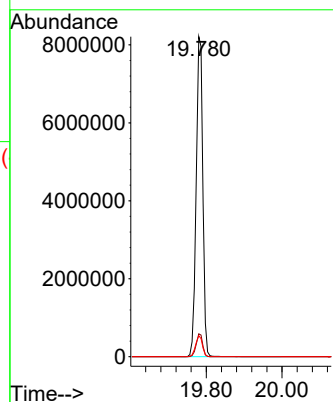
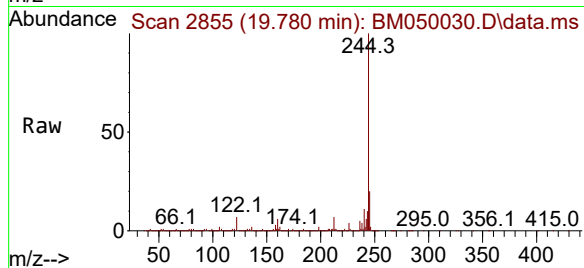




#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

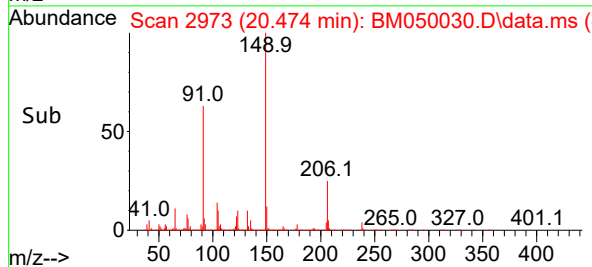
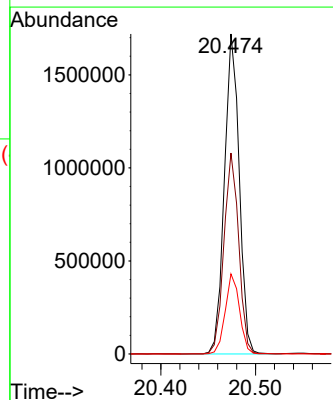
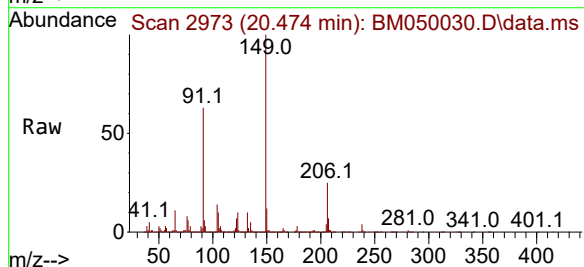
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

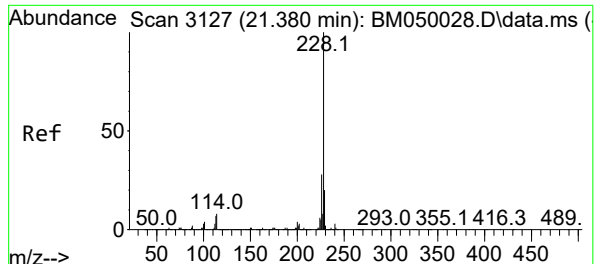
Tgt Ion:244 Resp:10017186
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 6.6 5.6 8.4



#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444
Ion Ratio Lower Upper
149 100
91 62.8 47.4 71.2
206 25.0 19.4 29.0

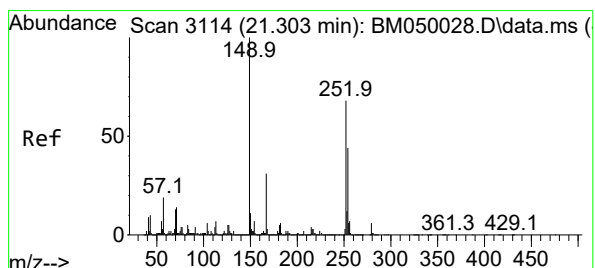
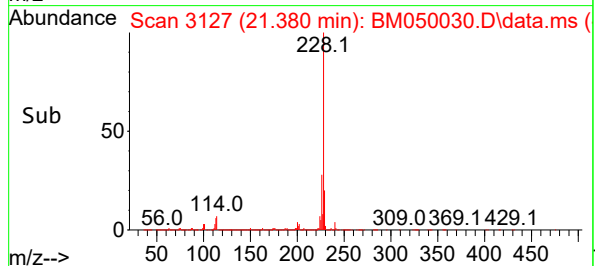
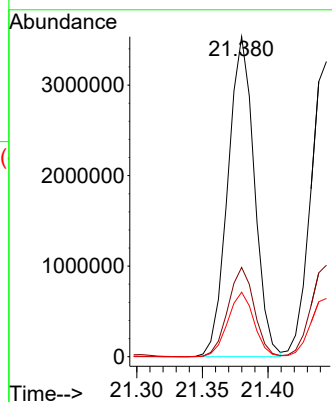
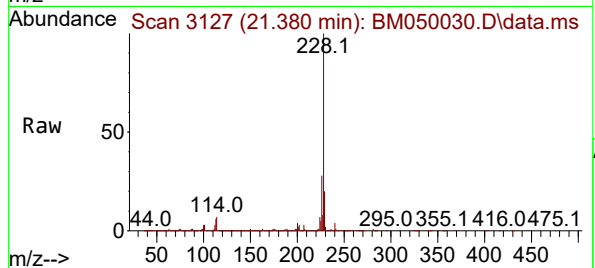




#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

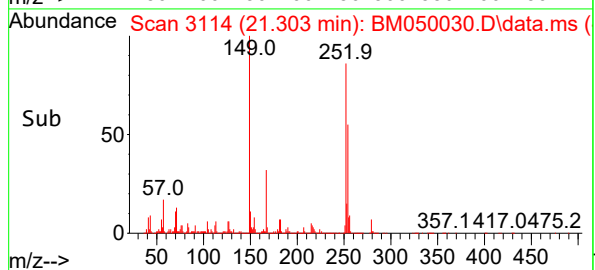
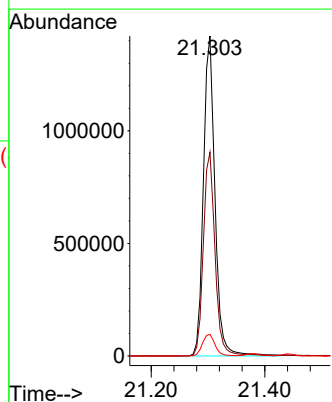
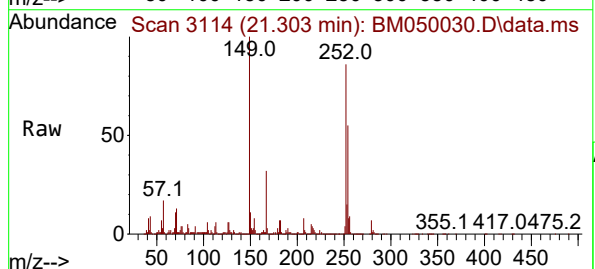
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

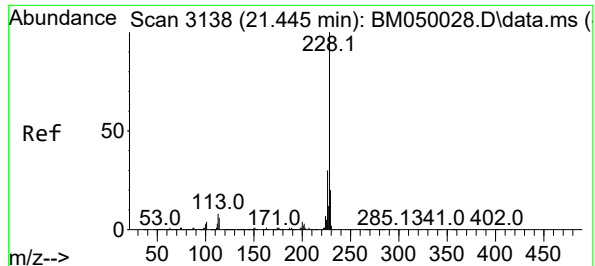
Tgt Ion:228 Resp: 4954357
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 6.7 6.0 9.0





#83

Chrysene

Concen: 62.348 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

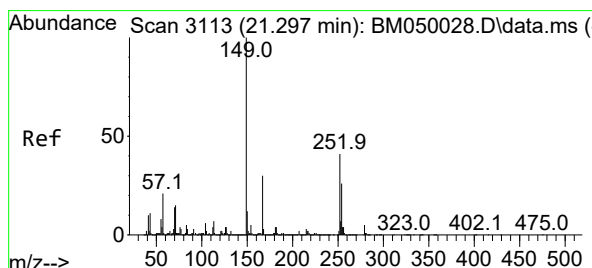
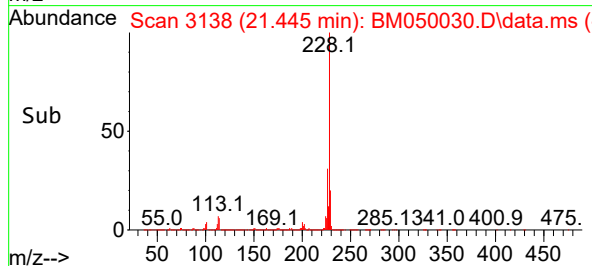
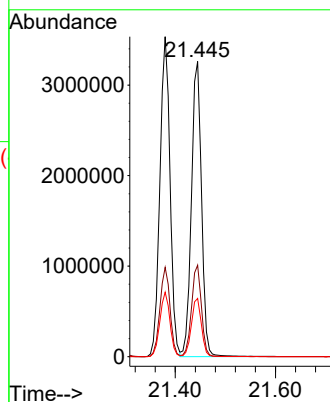
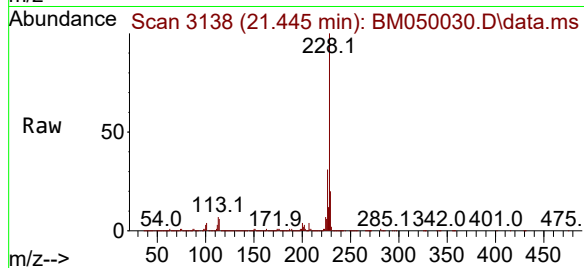
Tgt Ion:228 Resp: 4549388

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.192 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

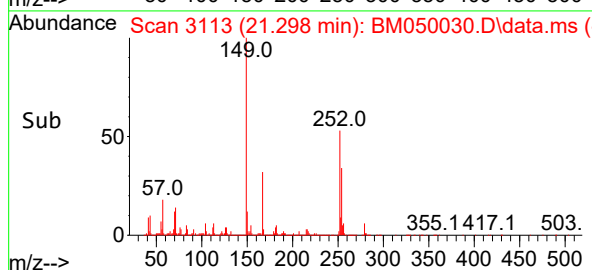
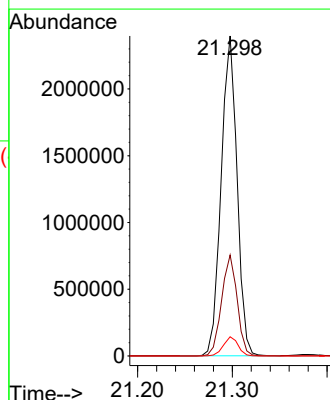
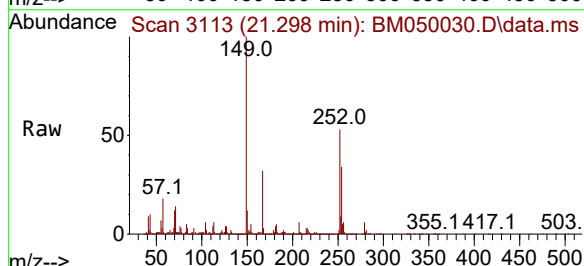
Tgt Ion:149 Resp: 2797195

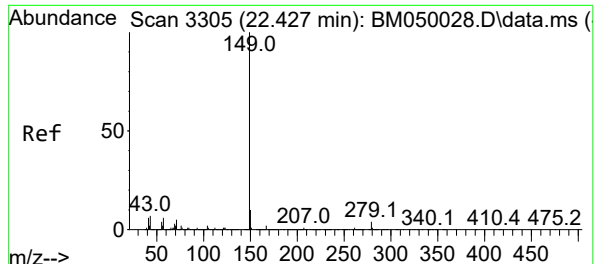
Ion Ratio Lower Upper

149 100

167 31.6 24.1 36.1

279 6.0 3.9 5.9#

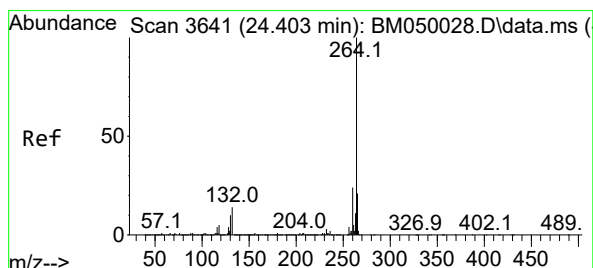
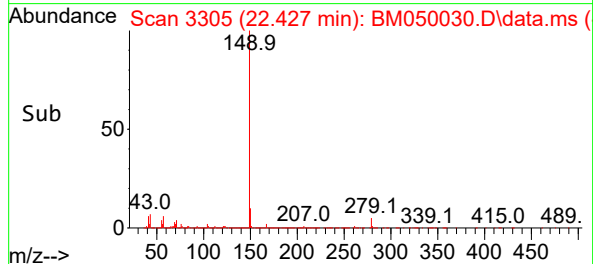
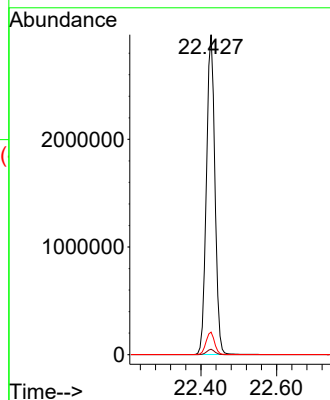
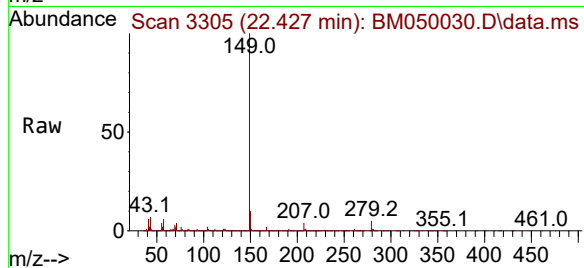




#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

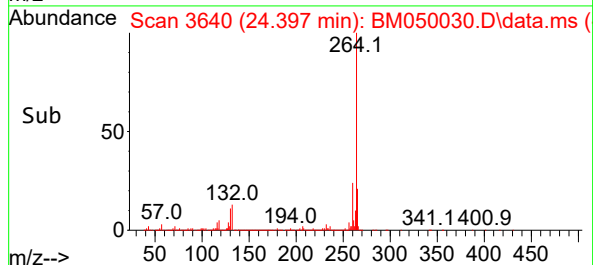
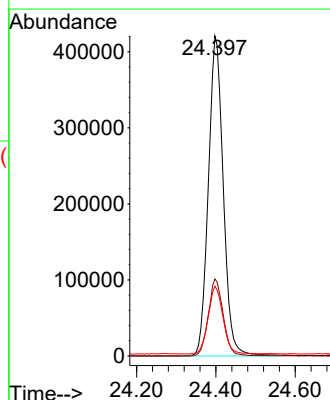
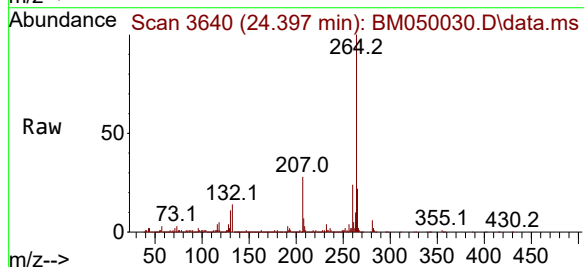
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

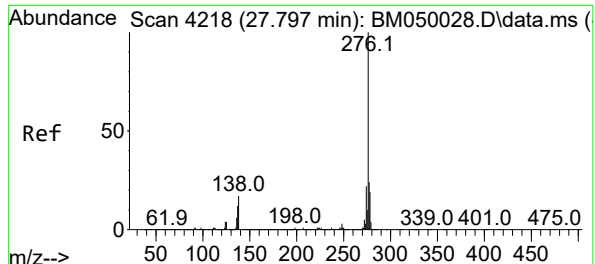
Tgt Ion:149 Resp: 4605837
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.8 17.0 25.4

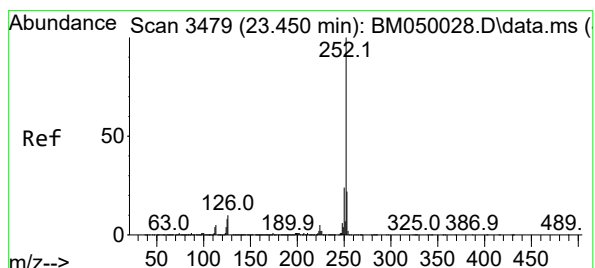
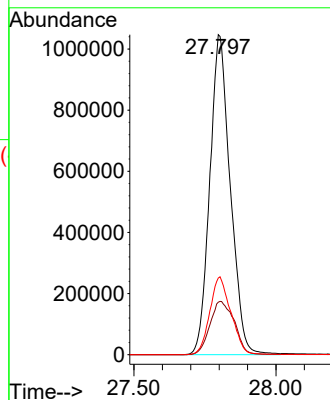
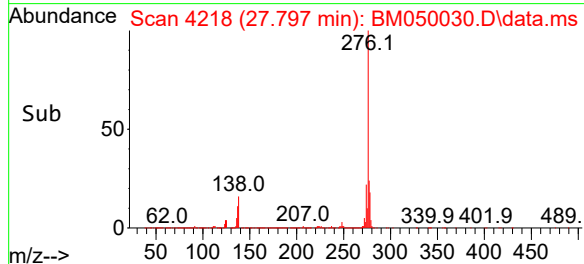
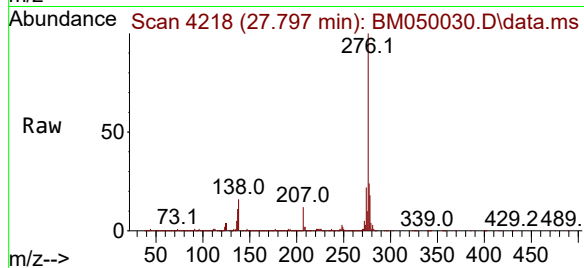




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

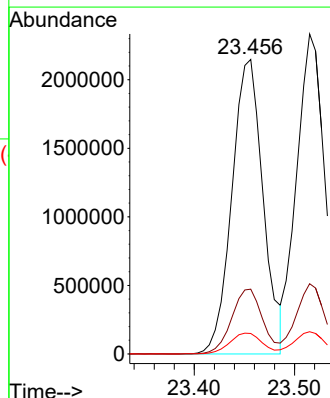
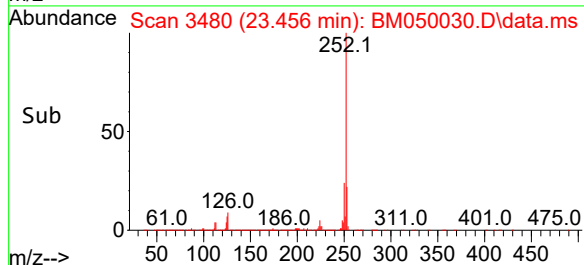
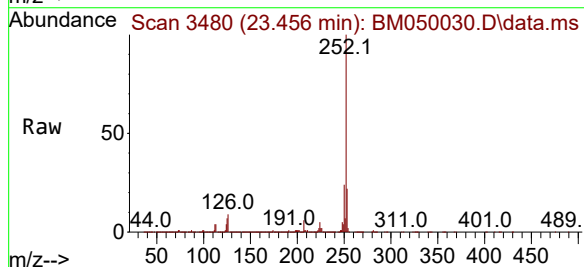
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

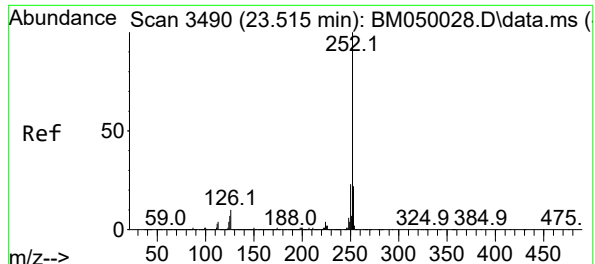
Tgt Ion:276 Resp: 5248662
Ion Ratio Lower Upper
276 100
138 19.9 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.9 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 63.050 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

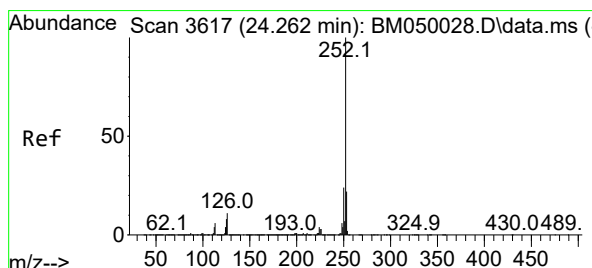
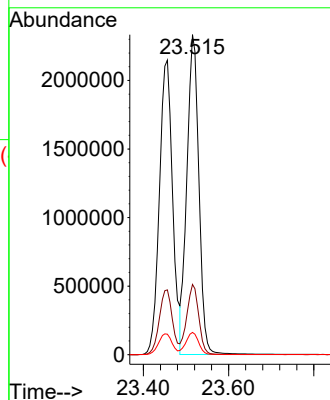
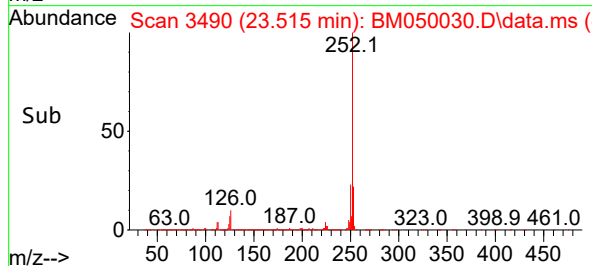
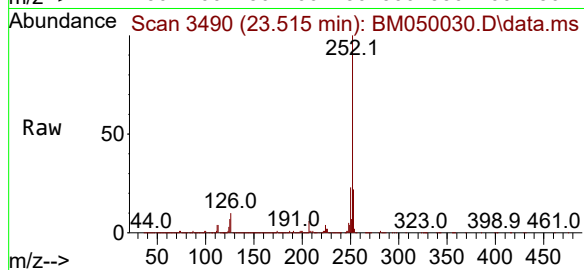
Tgt Ion:252 Resp: 4561134

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.0 5.8 8.8



#90

Benzo(a)pyrene

Concen: 63.936 ng

RT: 24.262 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

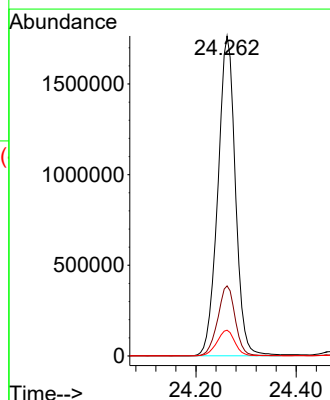
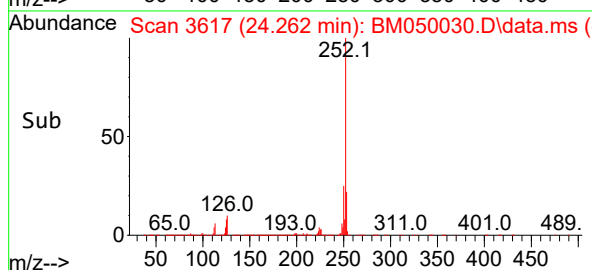
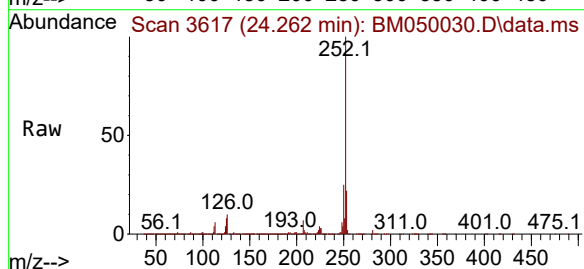
Tgt Ion:252 Resp: 4281665

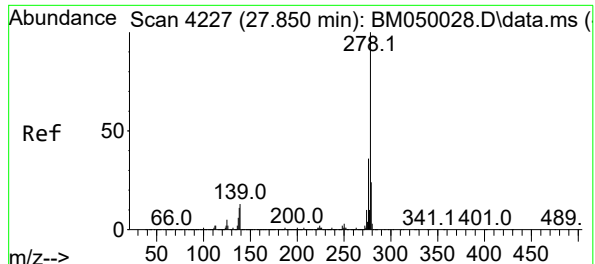
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.0 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 64.478 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

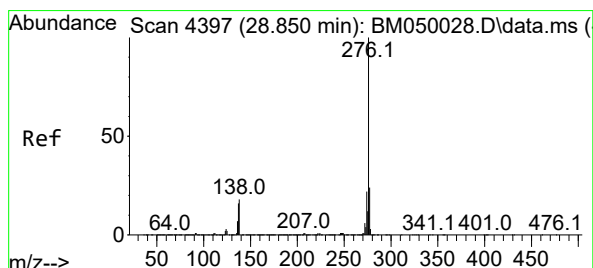
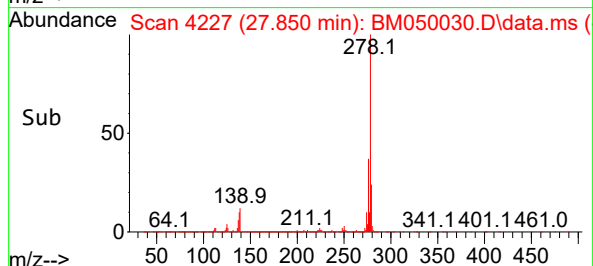
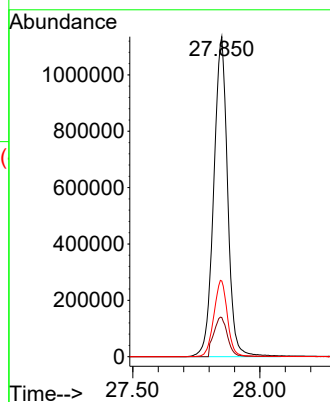
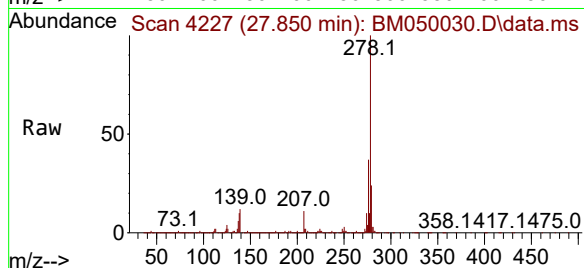
Tgt Ion:278 Resp: 4305928

Ion Ratio Lower Upper

278 100

139 12.3 10.5 15.7

279 23.6 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 63.142 ng

RT: 28.850 min Scan# 4397

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

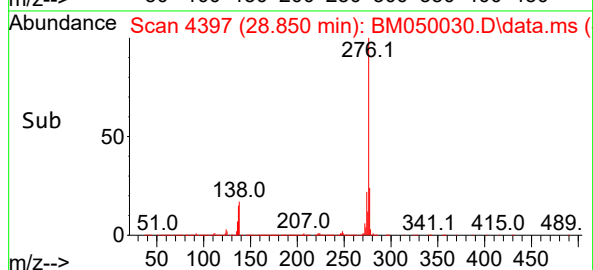
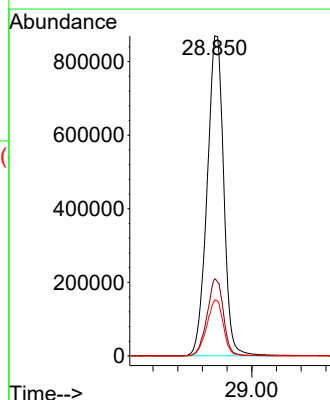
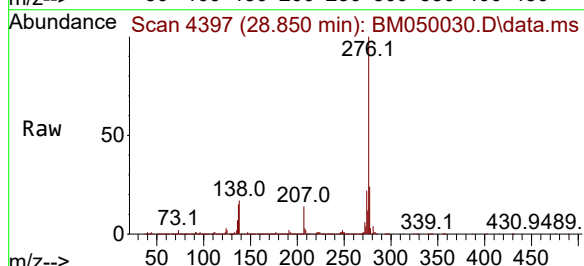
Tgt Ion:276 Resp: 4036958

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.5 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng	0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng	0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng	0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng	0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng	99
3) Pyridine	3.657	79	1267903	80.171	ng	99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng	99
6) Aniline	7.098	93	1845033	80.979	ng	99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng	100
9) Benzaldehyde	6.910	77	898993	74.544	ng	99
10) Phenol	6.981	94	1491194	81.638	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng	99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng	100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng	99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng	100
17) 2-Methylphenol	8.228	107	980375	81.473	ng	99
18) Hexachloroethane	8.845	117	513126	76.632	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng	99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng	99
22) Acetophenone	8.592	105	1815657	78.406	ng	# 99
24) Nitrobenzene	8.975	77	1289068	78.871	ng	99
25) Isophorone	9.504	82	2559279	79.430	ng	100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng	99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng	99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng	99
31) Naphthalene	10.610	128	3686066	78.143	ng	100
32) Benzoic acid	9.951	122	800660	90.660	ng	97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng	99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng	99
35) Caprolactam	11.539	113	371164	82.060	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng	99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng	99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

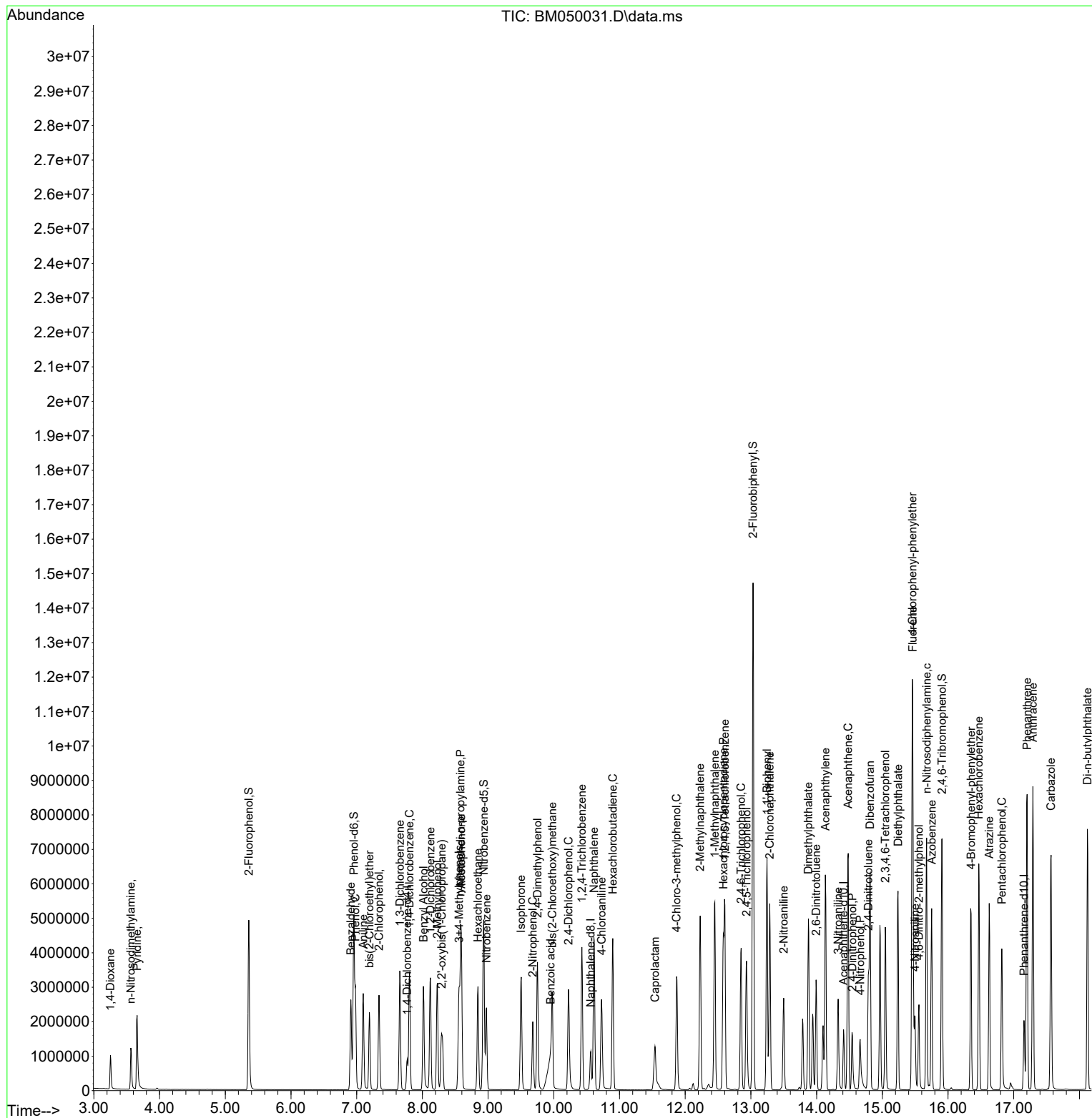
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng	98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng	99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng	99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng	99
49) Acenaphthylene	14.133	152	4526874	79.492	ng	99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng	99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng	99
52) Acenaphthene	14.480	154	2618967	79.452	ng	100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng	100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng	98
55) Dibenzofuran	14.815	168	4325783	78.875	ng	99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng	99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng	96
58) Fluorene	15.462	166	3565506	79.426	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng	96
60) Diethylphthalate	15.239	149	3257954	77.118	ng	97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng	96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng	99
63) Azobenzene	15.751	77	2723186	76.914	ng	95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng	94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng	95
69) Atrazine	16.627	200	1116818	83.174	ng	100
70) Pentachlorophenol	16.821	266	843195	88.648	ng	99
71) Phenanthrene	17.203	178	5487968	80.266	ng	99
72) Anthracene	17.292	178	5597195	80.893	ng	99
73) Carbazole	17.568	167	4845637	80.705	ng	99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng	99
75) Fluoranthene	19.221	202	6841999	85.234	ng	99
77) Benzidine	19.403	184	3598340	84.575	ng	100
78) Pyrene	19.580	202	6959279	82.738	ng	99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng	97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng	99
83) Chrysene	21.444	228	6207632	81.316	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	# 96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng	98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng	99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng	99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng	99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

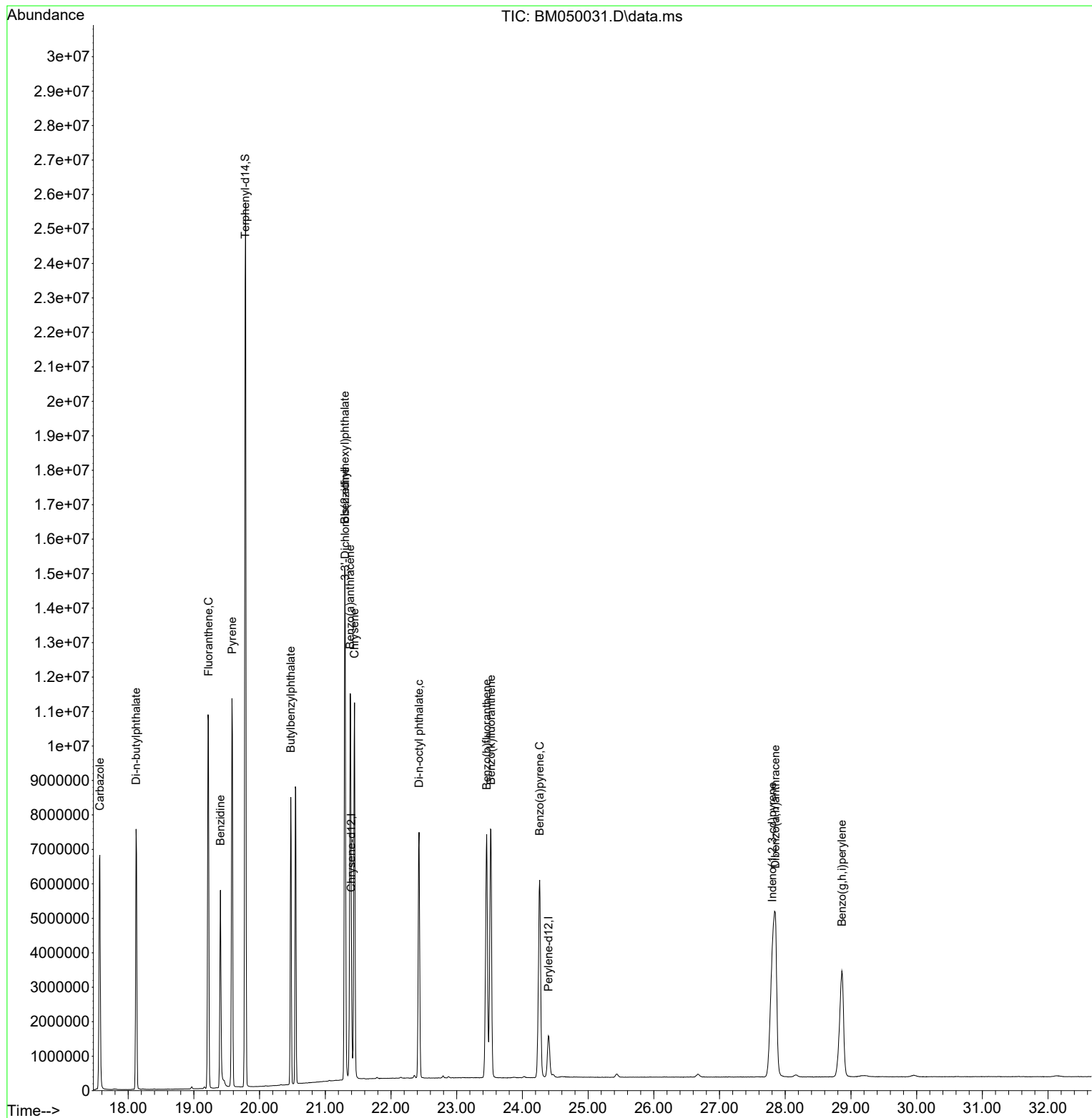
Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

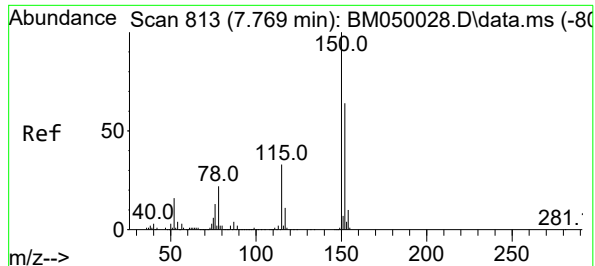


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Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
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Instrument :
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Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

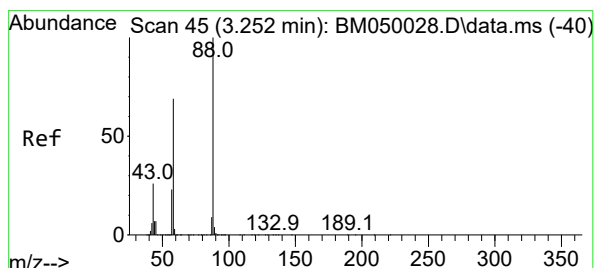
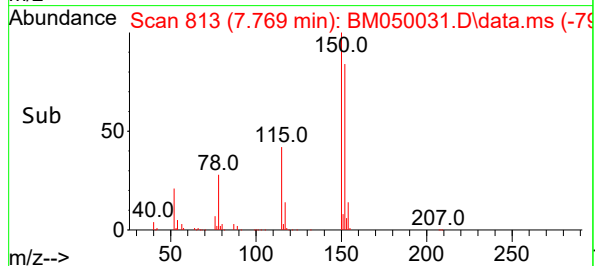
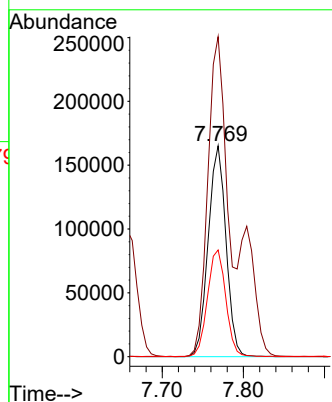
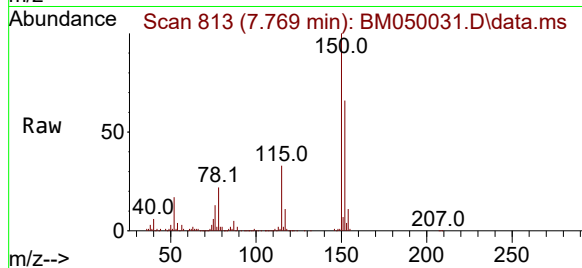




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

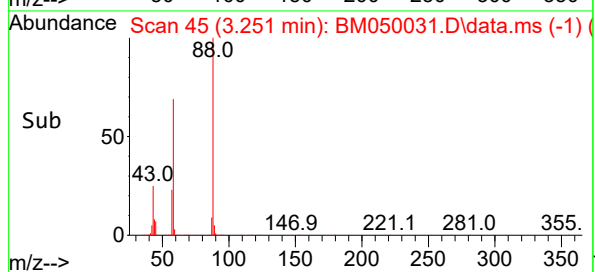
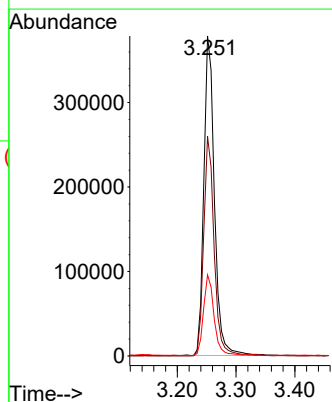
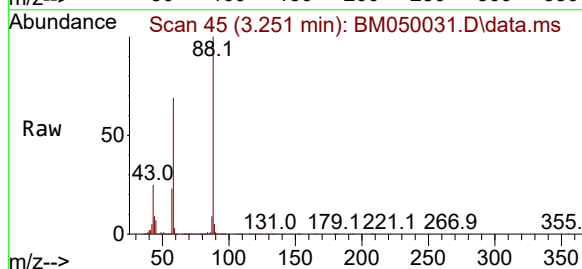
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BNA_M
ClientSampleId :
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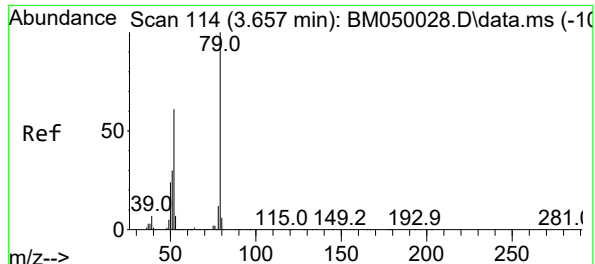
Tgt Ion:152 Resp: 251380
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 50.6 41.2 61.8



#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912
Ion Ratio Lower Upper
88 100
58 68.0 55.1 82.7
43 25.3 20.9 31.3

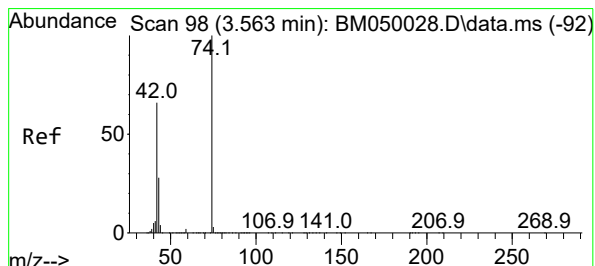
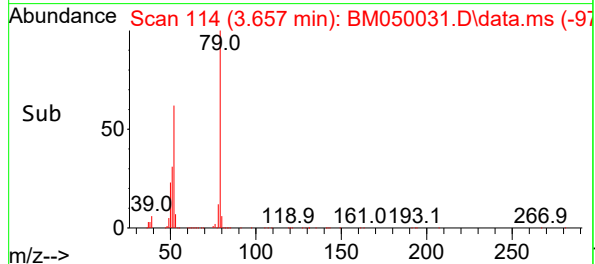
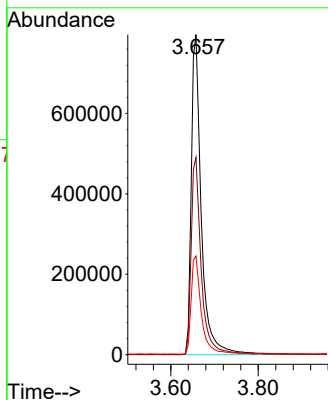
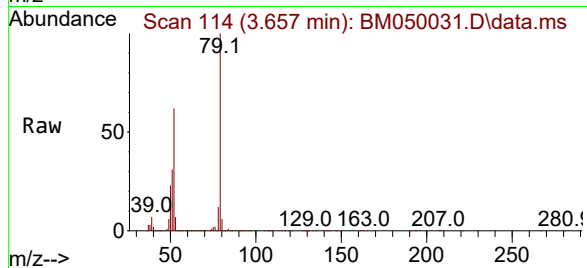




#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

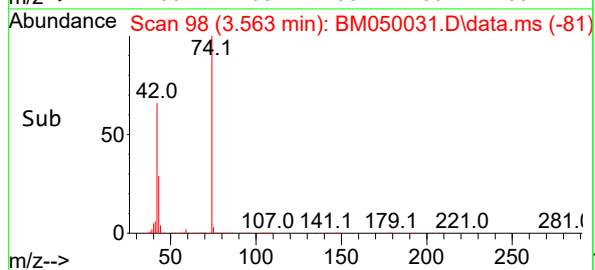
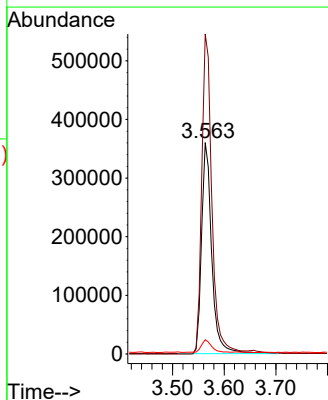
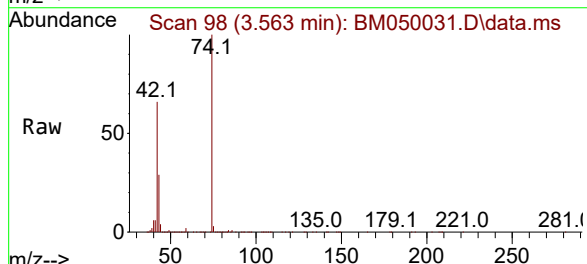
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ClientSampleId :
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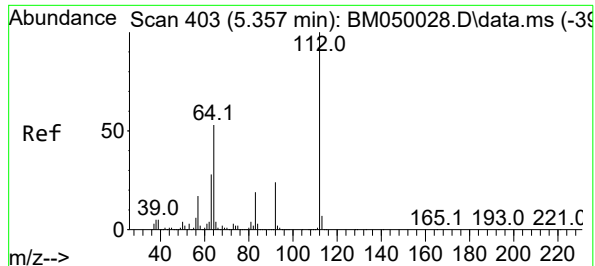
Tgt Ion: 79 Resp: 1267903
Ion Ratio Lower Upper
79 100
52 61.6 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501
Ion Ratio Lower Upper
42 100
74 151.4 120.2 180.2
44 6.8 6.2 9.2

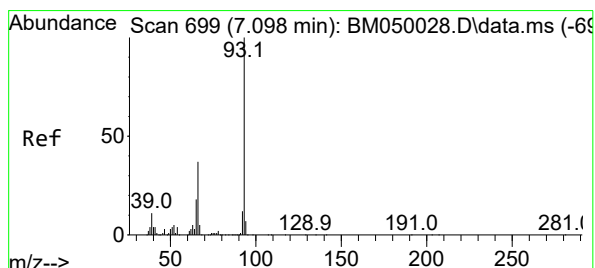
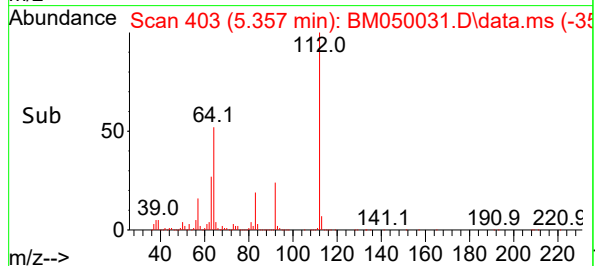
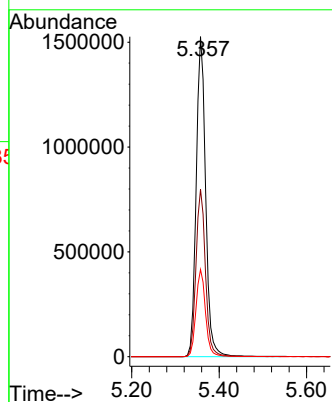
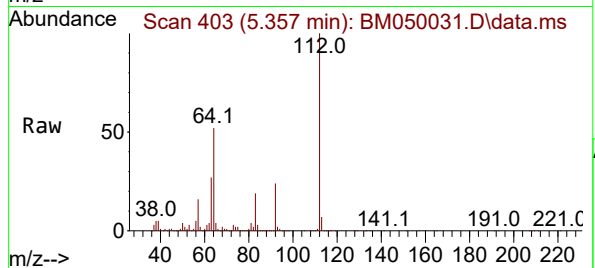




#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

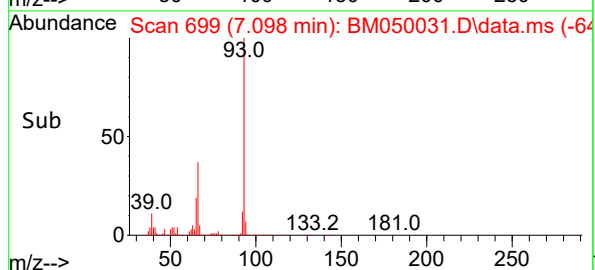
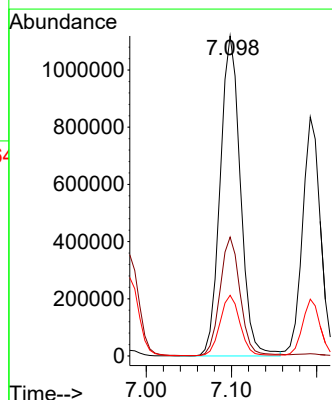
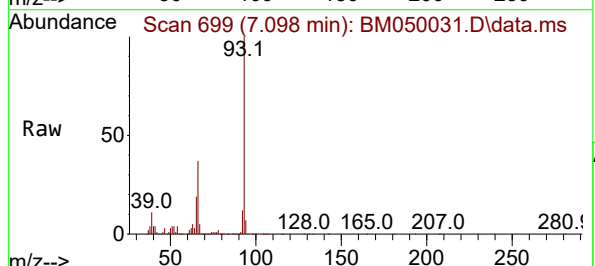
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

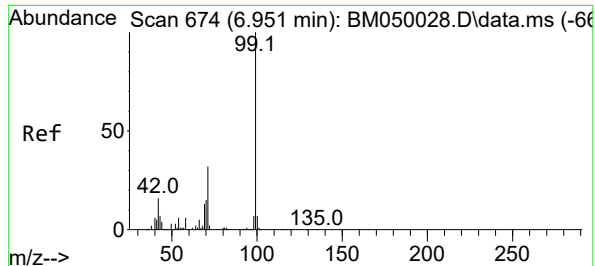
Tgt Ion:112 Resp: 2297313
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.2 22.2 33.4



#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033
Ion Ratio Lower Upper
93 100
66 37.2 29.9 44.9
65 19.0 14.5 21.7

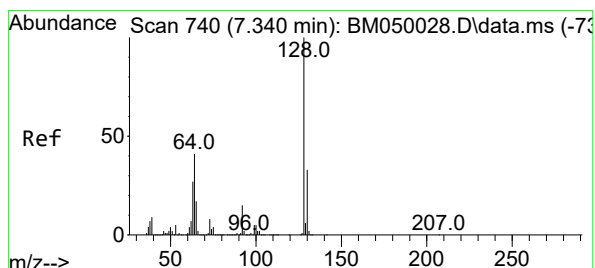
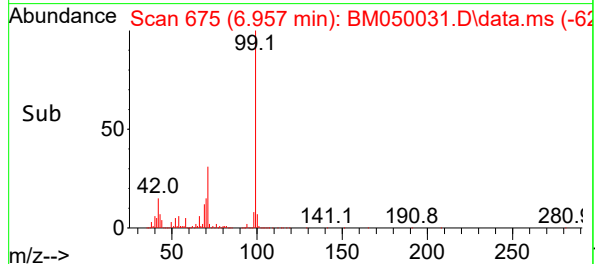
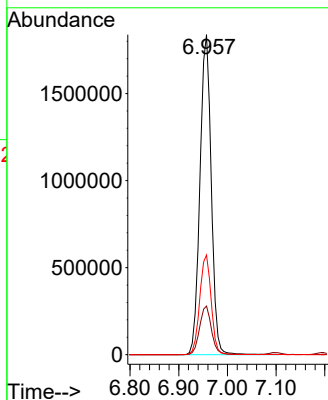
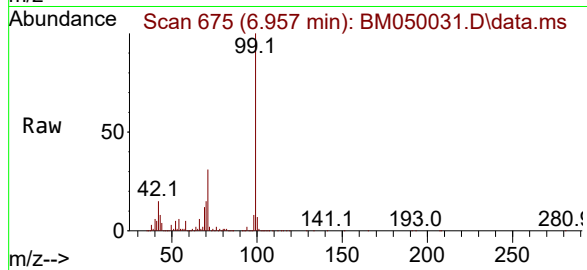




#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

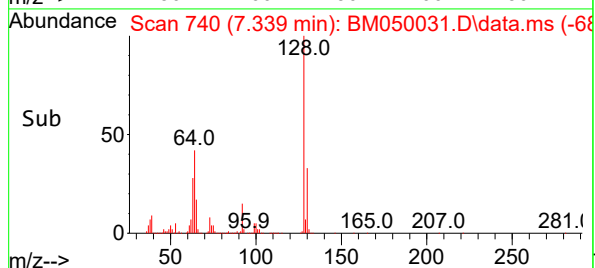
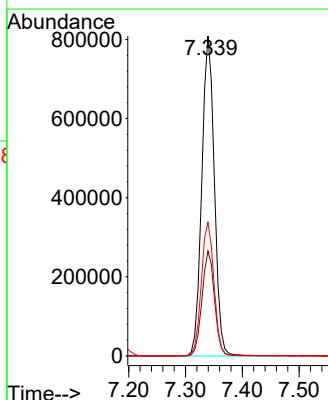
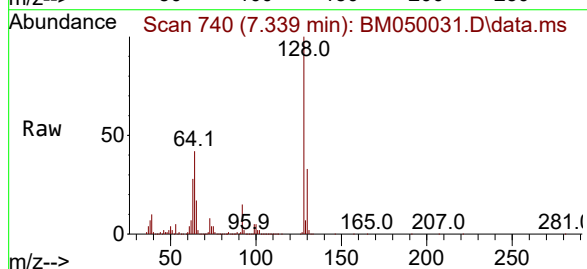
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

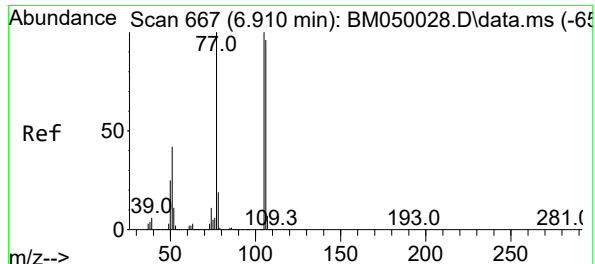
Tgt Ion: 99 Resp: 2954036
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 31.1 25.6 38.4



#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 128 Resp: 1241711
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.7 21.2 61.2

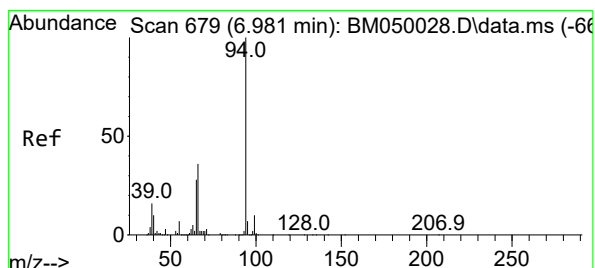
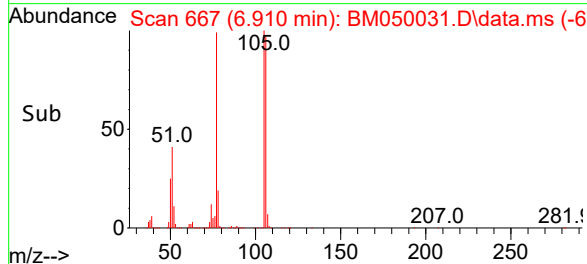
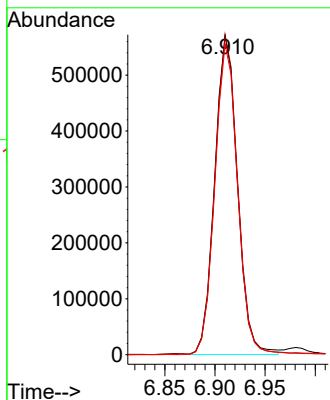
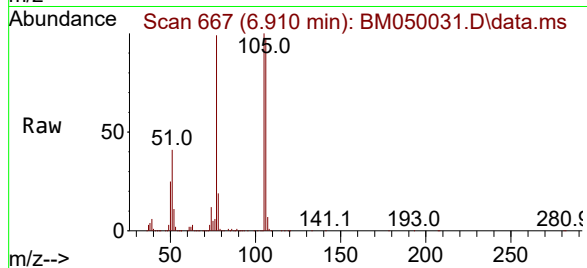




#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

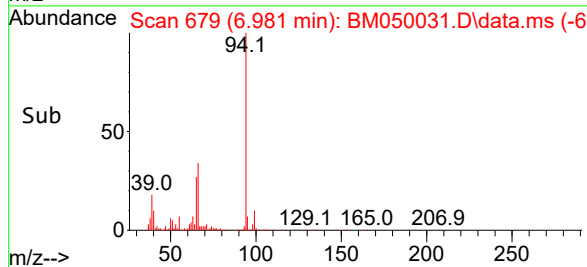
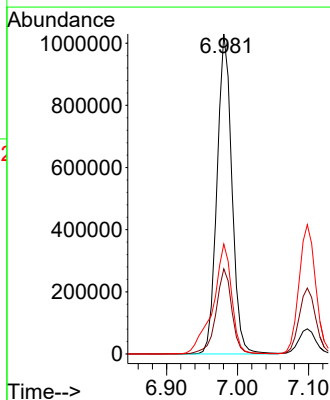
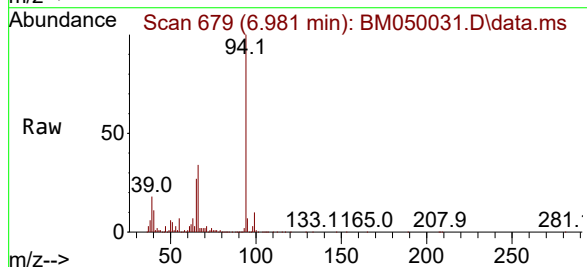
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

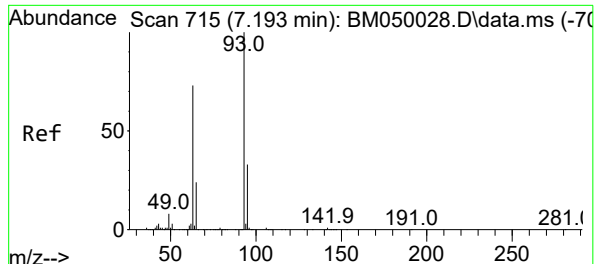
Tgt Ion: 77 Resp: 898993
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 97.5 76.1 116.1



#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 34.4 15.8 55.8

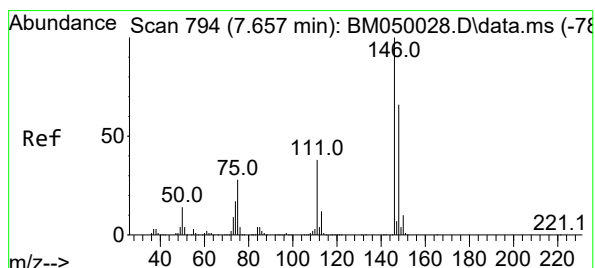
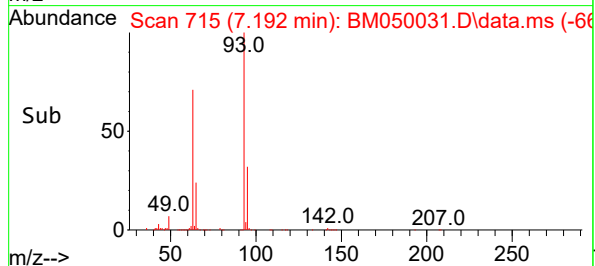
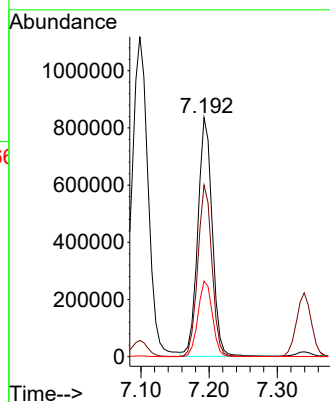
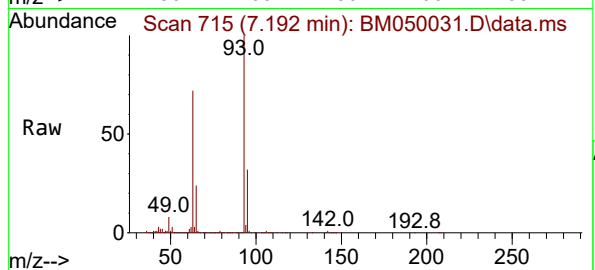




#11
bis(2-Chloroethyl)ether
Concen: 80.283 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

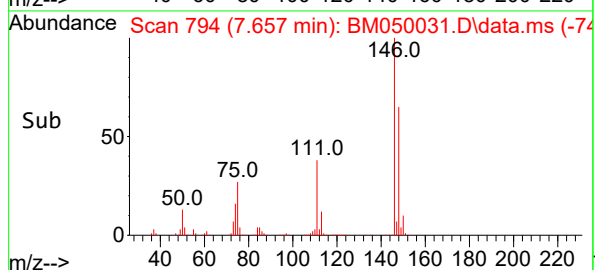
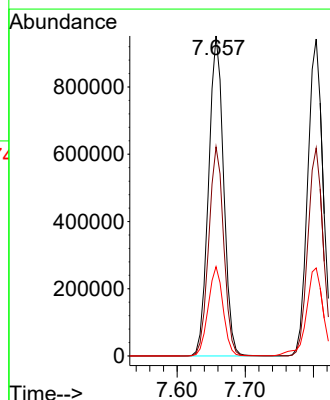
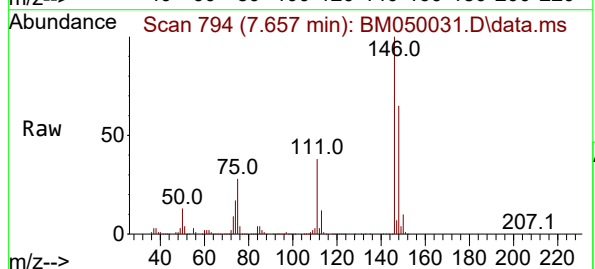
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

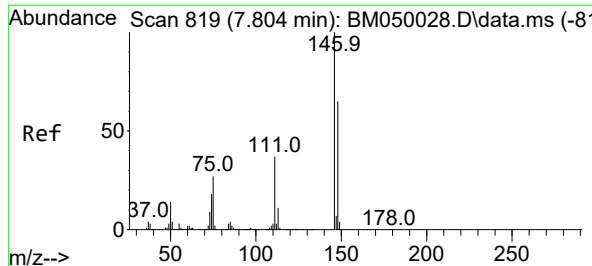
Tgt Ion: 93 Resp: 1224517
Ion Ratio Lower Upper
93 100
63 71.8 52.3 92.3
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 77.912 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
75 27.9 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 77.822 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

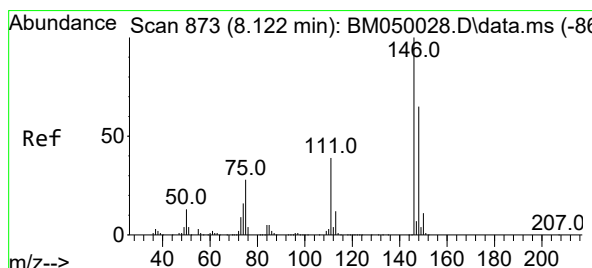
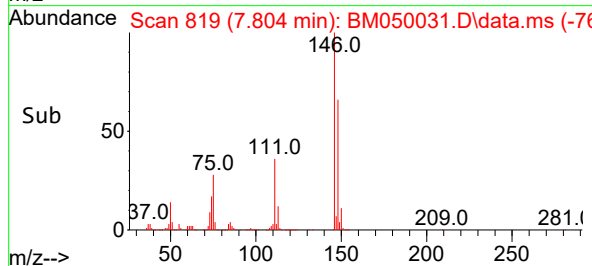
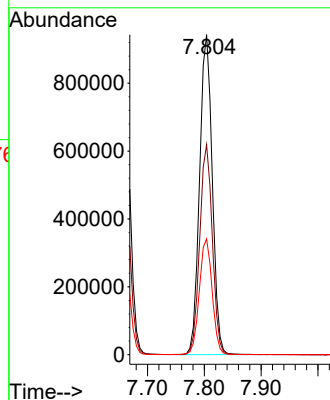
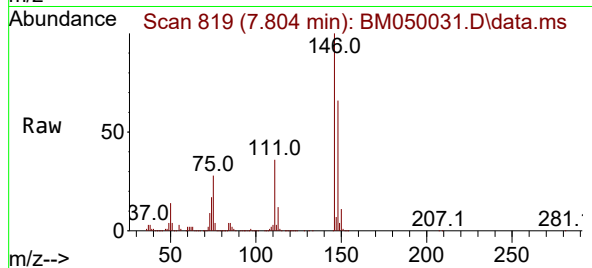
Tgt Ion:146 Resp: 1465881

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

111 36.2 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 77.618 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

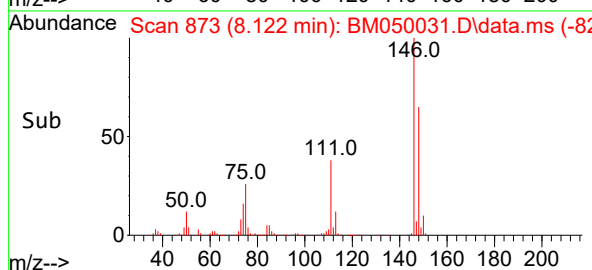
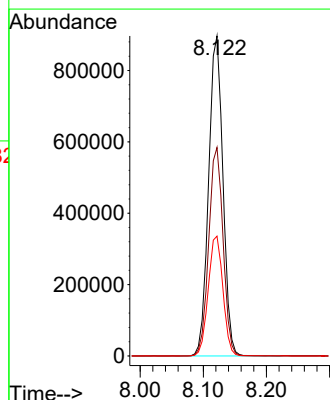
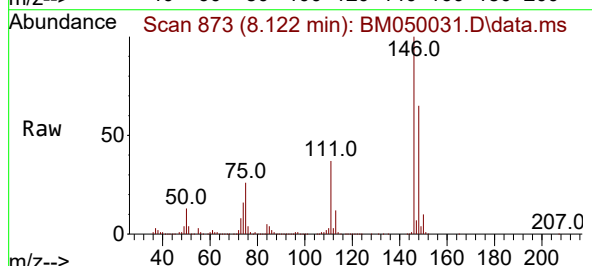
Tgt Ion:146 Resp: 1412270

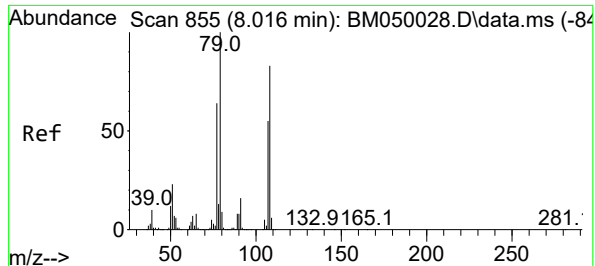
Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

111 37.5 31.0 46.6





#15

Benzyl Alcohol

Concen: 84.339 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

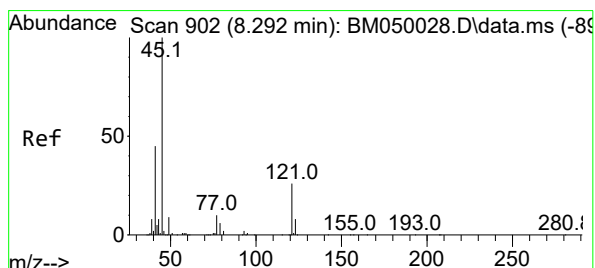
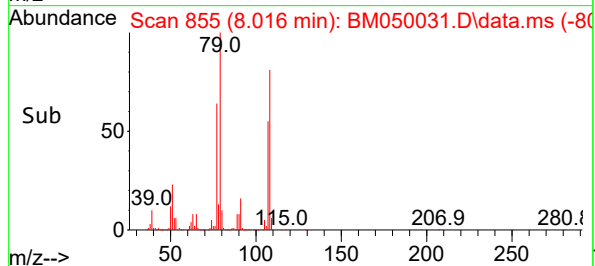
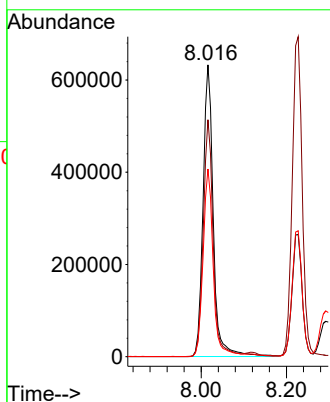
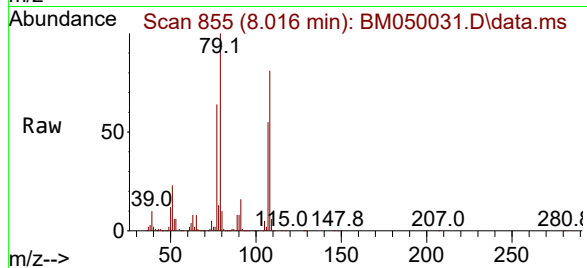
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.694 ng

RT: 8.292 min Scan# 902

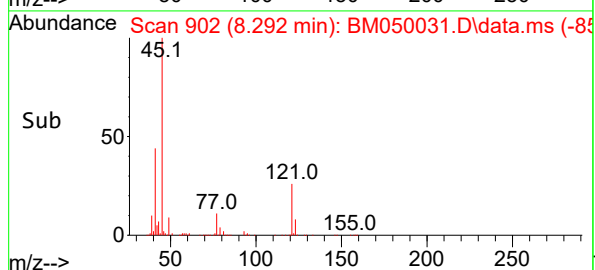
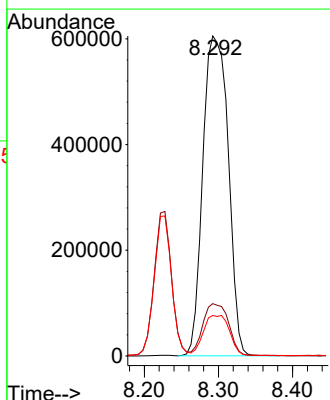
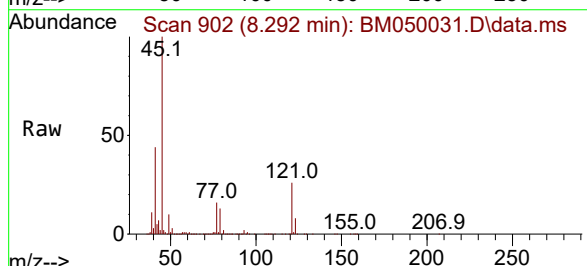
Delta R.T. -0.000 min

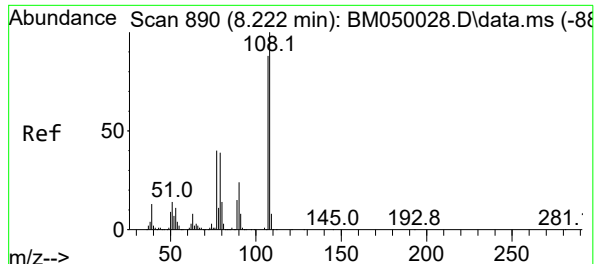
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 81.473 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050031.D

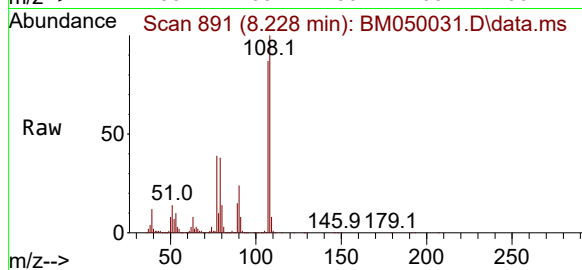
Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 980375

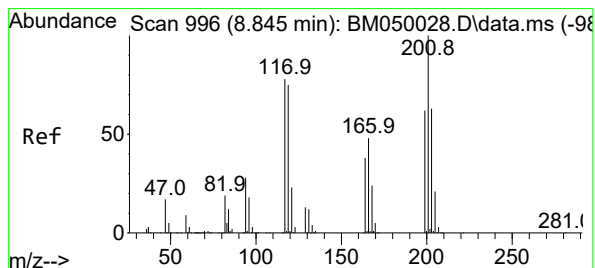
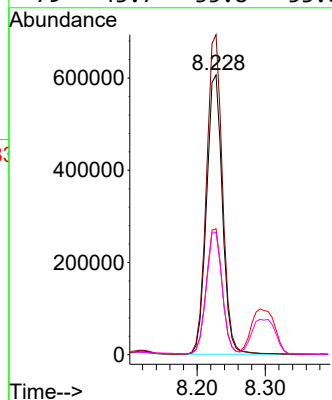
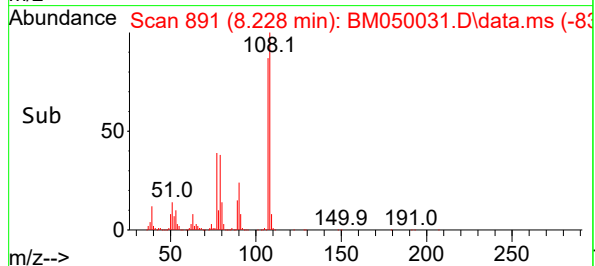
Ion Ratio Lower Upper

107 100

108 114.4 91.1 136.7

77 45.1 36.2 54.4

79 43.7 35.8 53.8



#18

Hexachloroethane

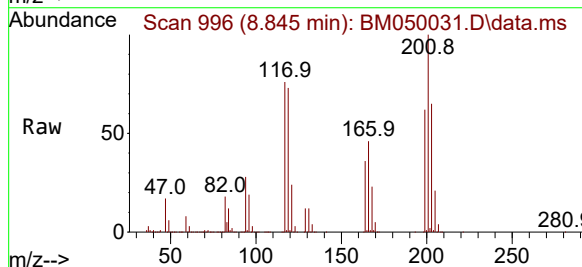
Concen: 76.632 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04



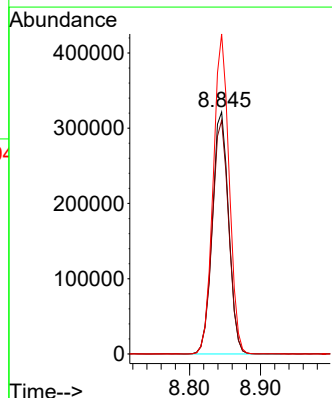
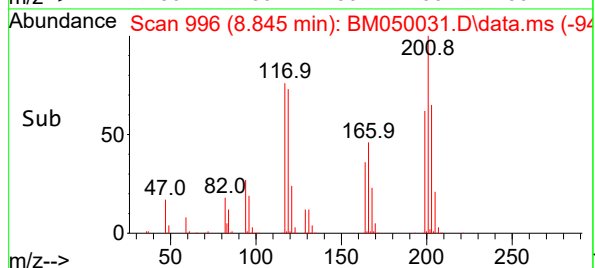
Tgt Ion:117 Resp: 513126

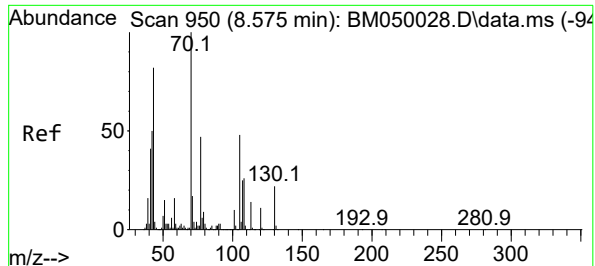
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

201 132.3 102.8 154.2

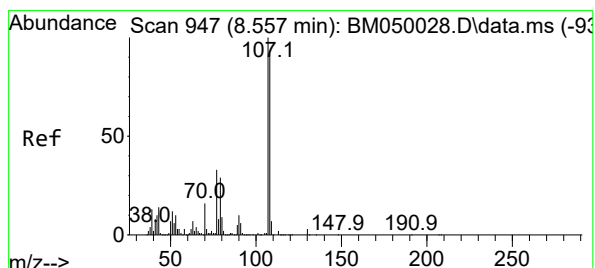
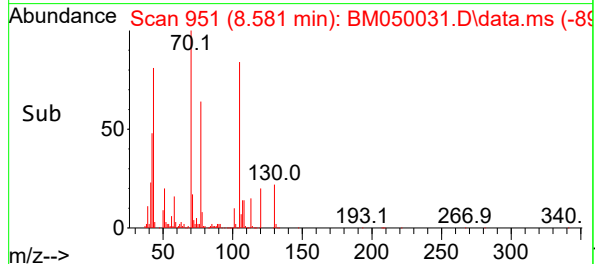
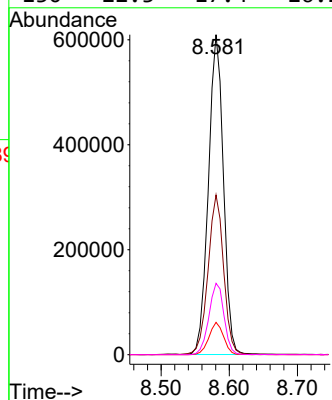
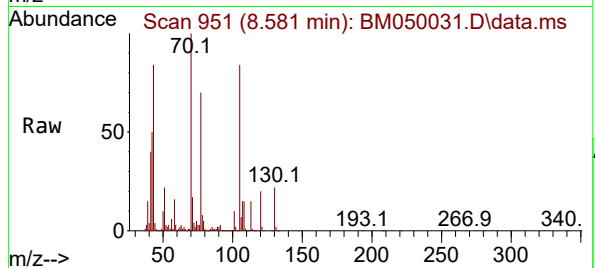




#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

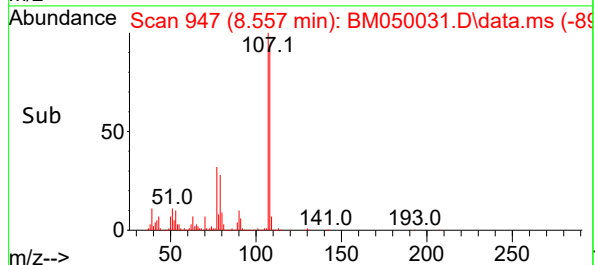
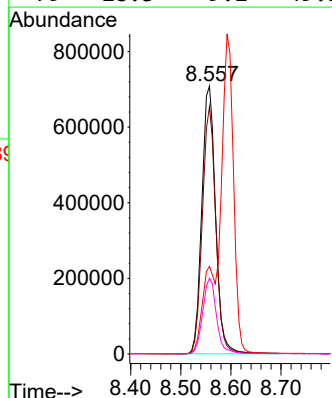
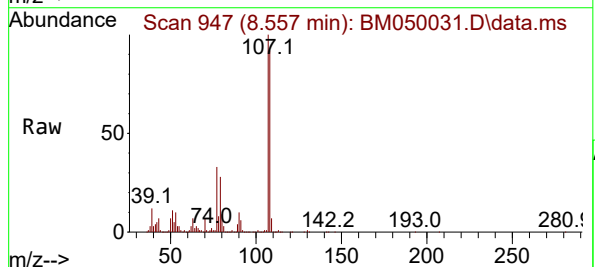
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

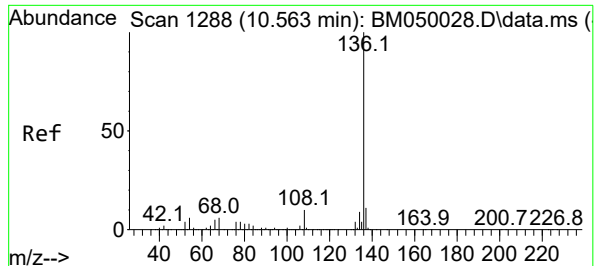
Tgt Ion: 70 Resp: 933468
Ion Ratio Lower Upper
70 100
42 49.9 40.5 60.7
101 10.1 7.8 11.6
130 22.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 107 Resp: 1348190
Ion Ratio Lower Upper
107 100
108 92.3 72.4 112.4
77 32.6 13.6 53.6
79 28.3 9.2 49.2

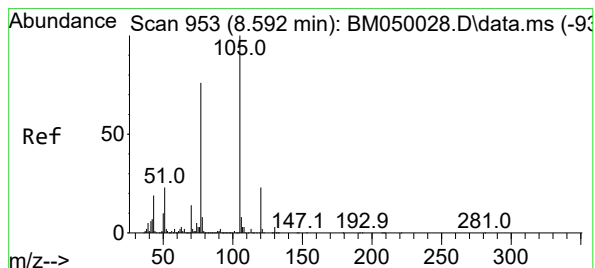
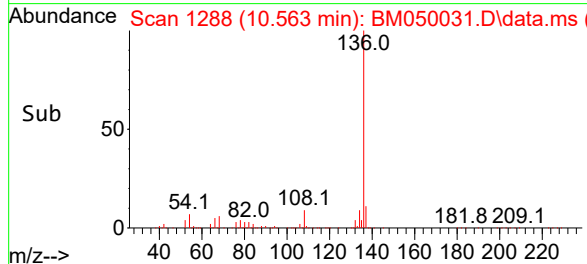
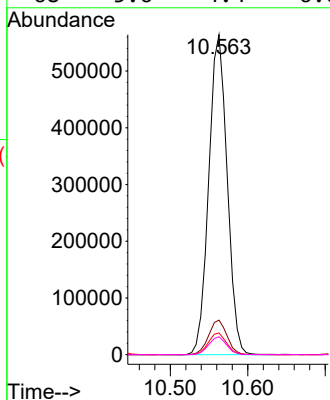
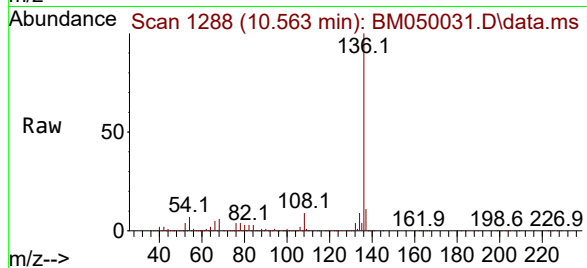




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

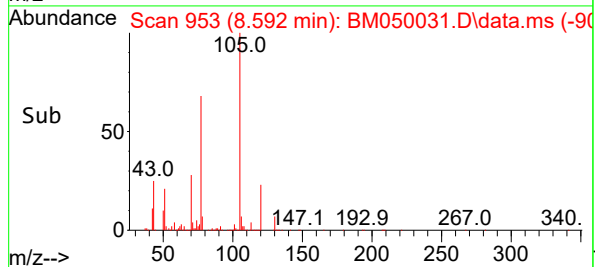
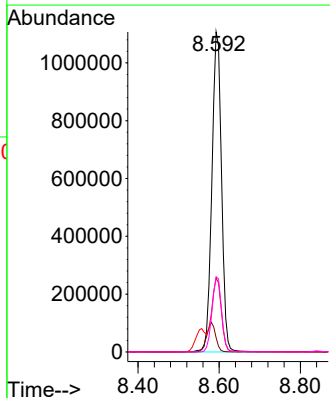
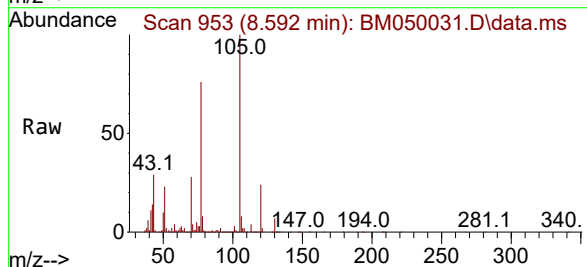
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

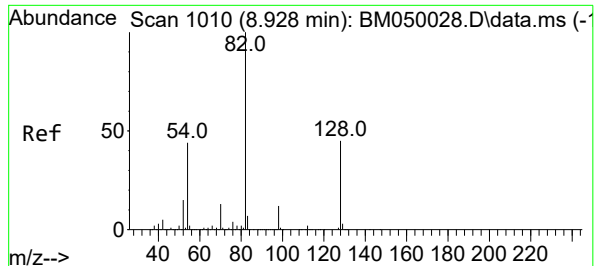
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6



#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.7	2.5
51	23.0	18.6	27.8
120	23.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 157.875 ng

RT: 8.933 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

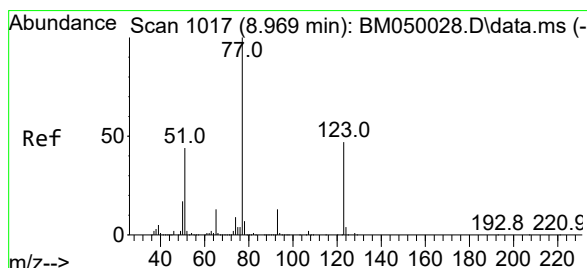
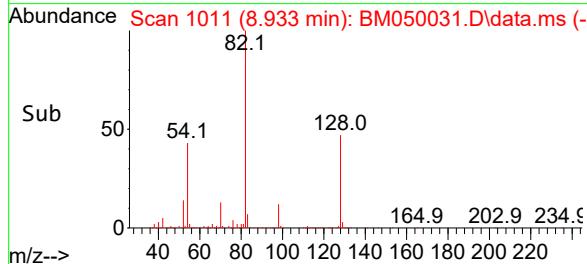
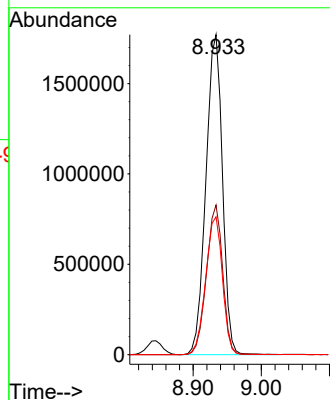
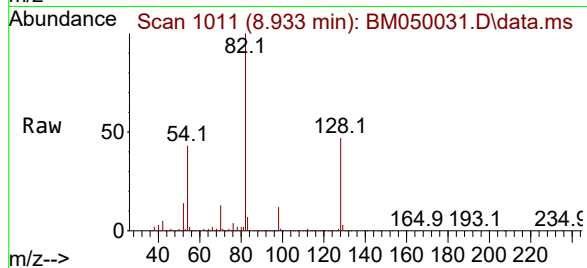
Tgt Ion: 82 Resp: 2984192

Ion Ratio Lower Upper

82 100

128 46.8 35.7 53.5

54 43.1 35.4 53.2



#24

Nitrobenzene

Concen: 78.871 ng

RT: 8.975 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

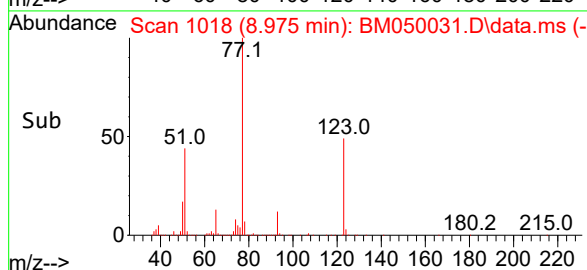
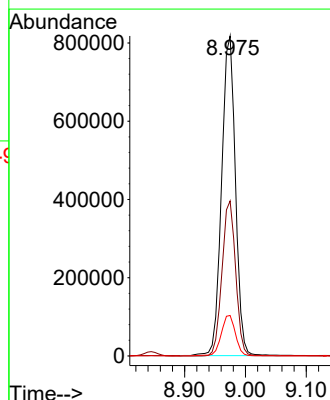
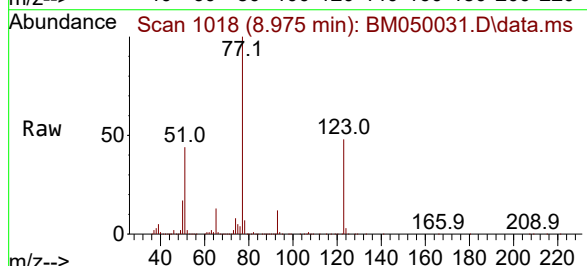
Tgt Ion: 77 Resp: 1289068

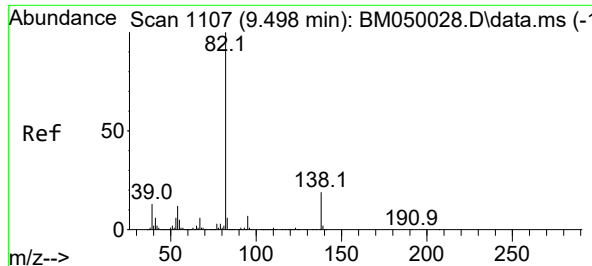
Ion Ratio Lower Upper

77 100

123 48.5 37.9 56.9

65 12.7 10.1 15.1

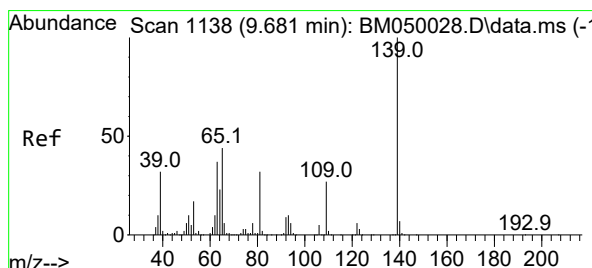
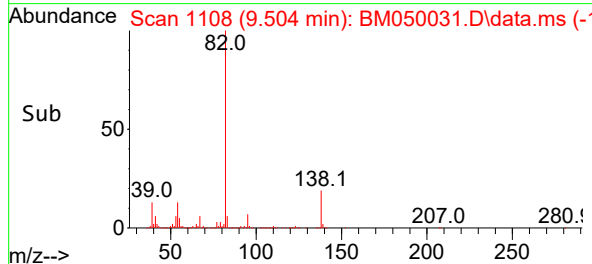
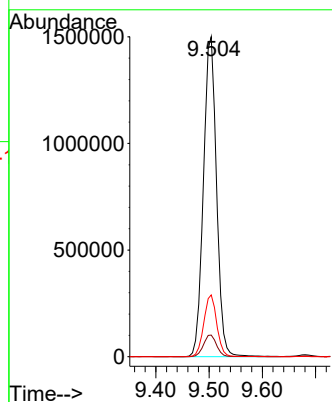
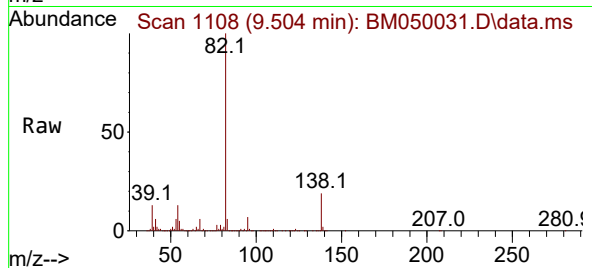




#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

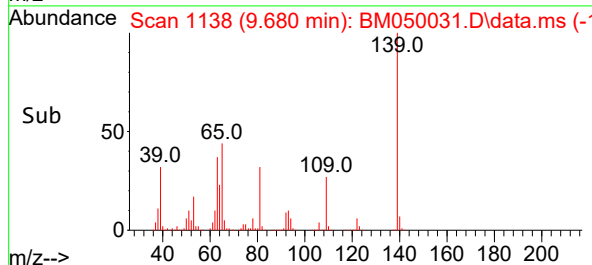
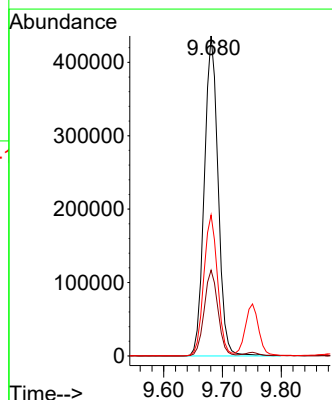
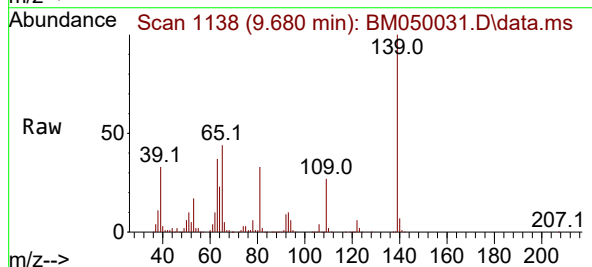
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

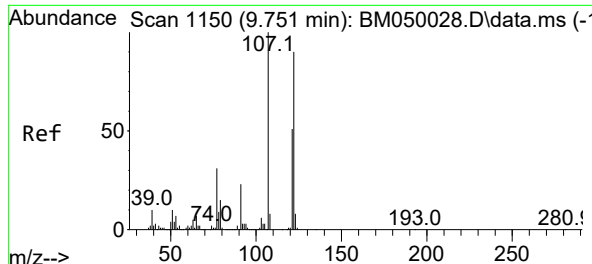
Tgt Ion: 82 Resp: 2559279
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 139 Resp: 710174
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 44.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 82.043 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

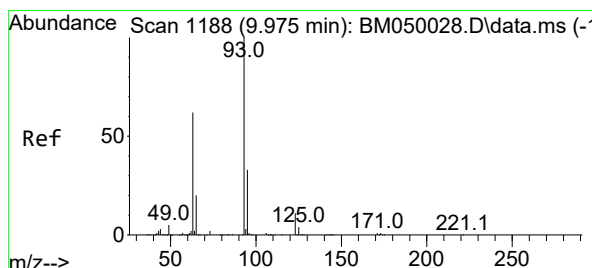
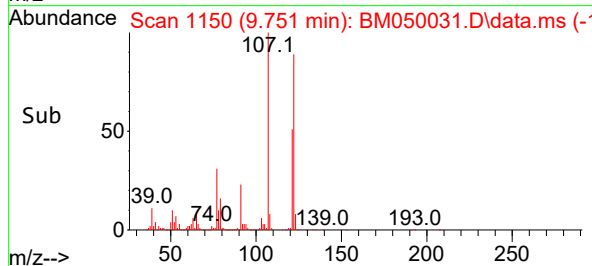
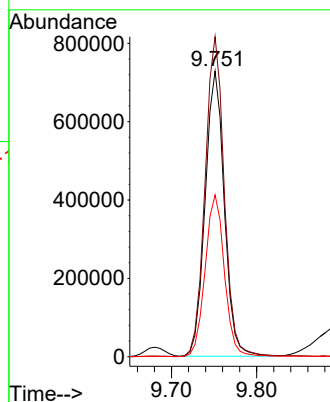
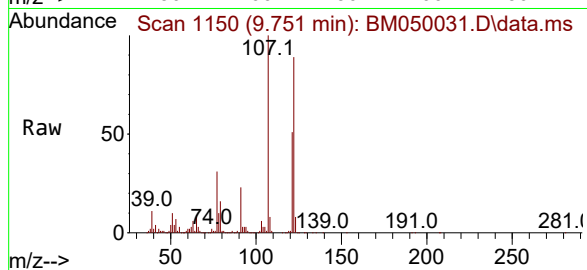
Tgt Ion:122 Resp: 1136040

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 79.437 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

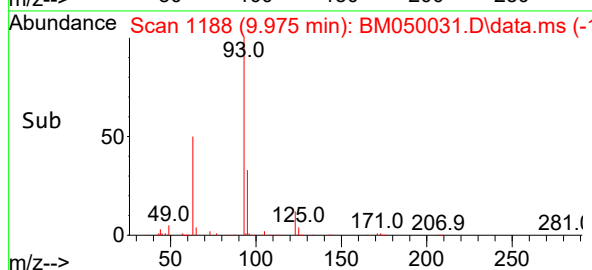
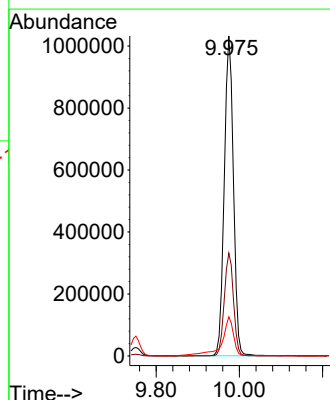
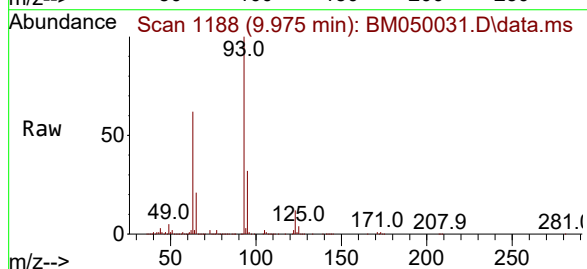
Tgt Ion: 93 Resp: 1581985

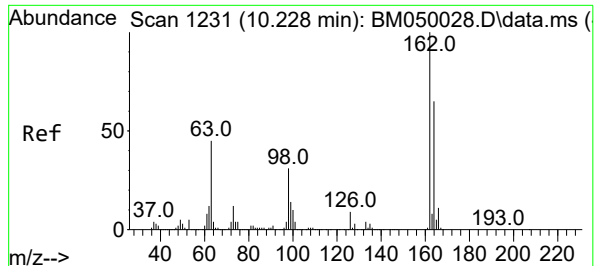
Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 82.243 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

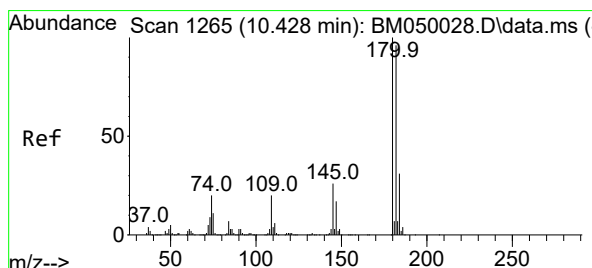
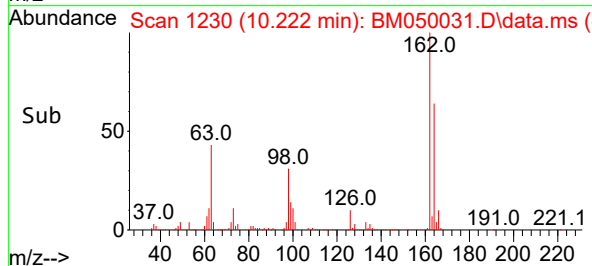
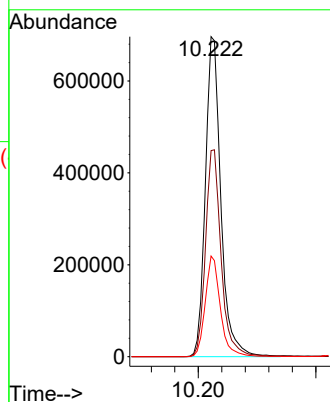
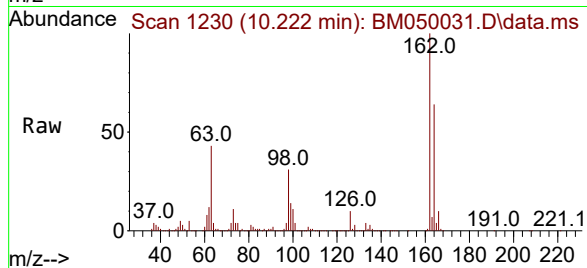
Tgt Ion:162 Resp: 1275806

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 31.4 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 78.590 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

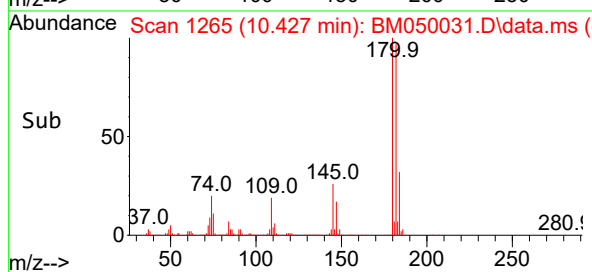
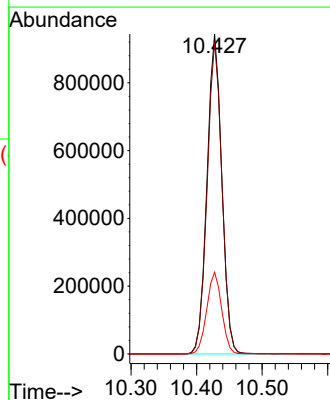
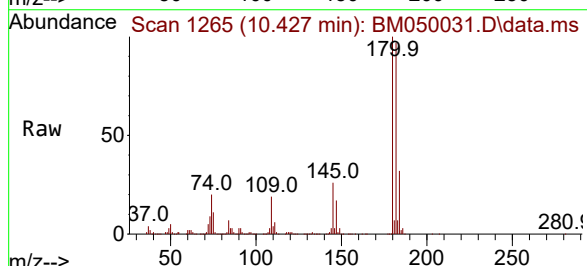
Tgt Ion:180 Resp: 1485344

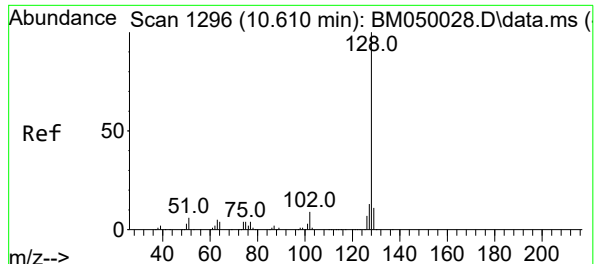
Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.4

145 25.6 20.6 30.8





#31

Naphthalene

Concen: 78.143 ng

RT: 10.610 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

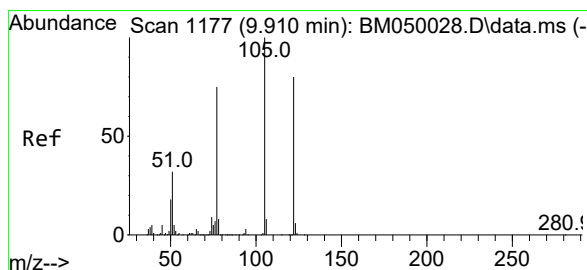
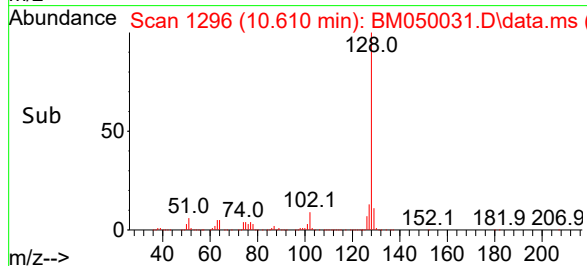
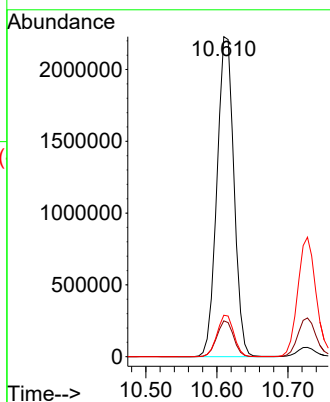
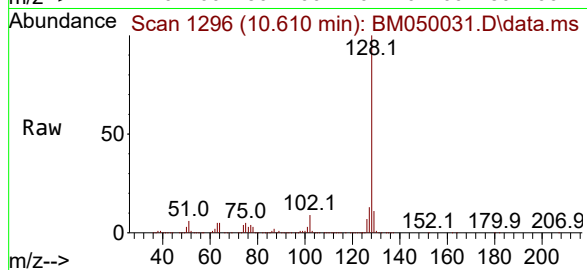
Tgt Ion:128 Resp: 3686066

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 90.660 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.041 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

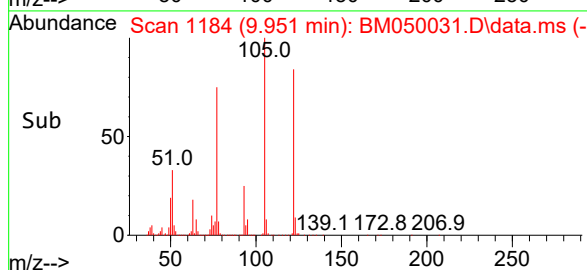
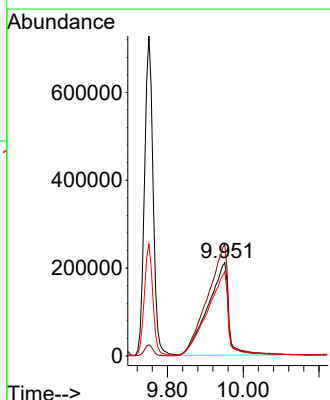
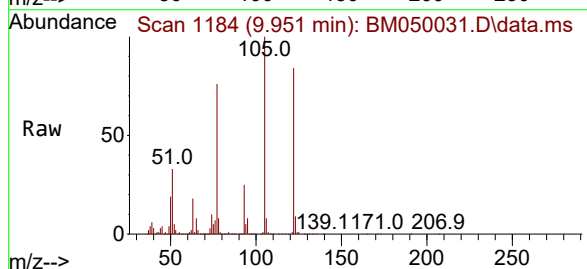
Tgt Ion:122 Resp: 800660

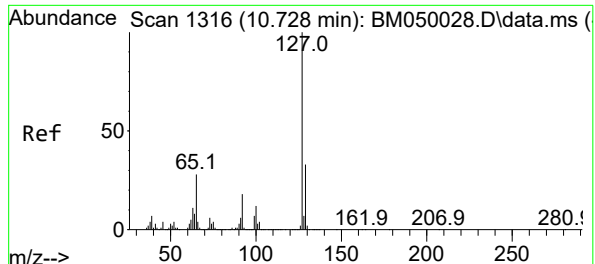
Ion Ratio Lower Upper

122 100

105 119.6 103.6 143.6

77 90.5 73.7 113.7





#33

4-Chloroaniline

Concen: 81.508 ng

RT: 10.727 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

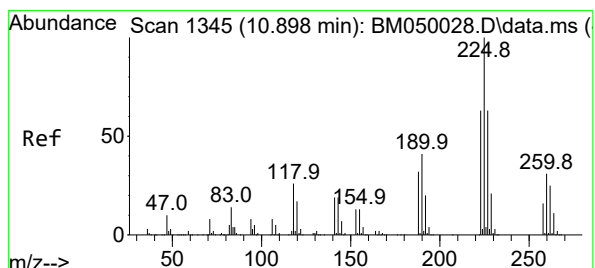
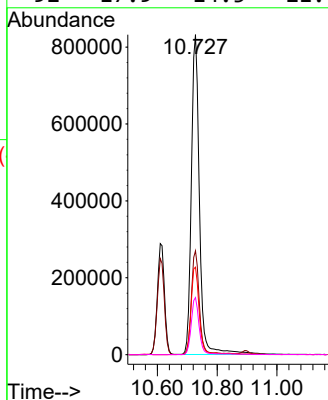
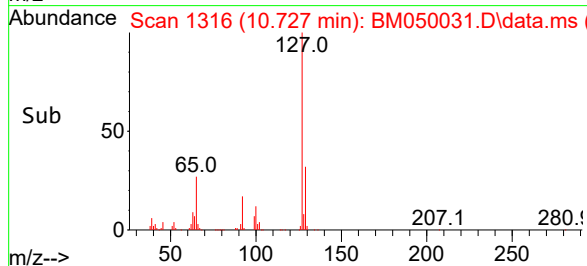
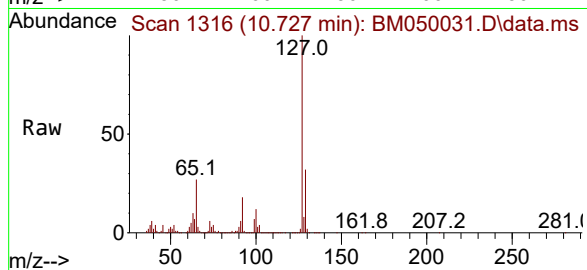
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 1575909

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.3	22.5	33.7
92	17.9	14.5	21.7



#34

Hexachlorobutadiene

Concen: 80.012 ng

RT: 10.898 min Scan# 1345

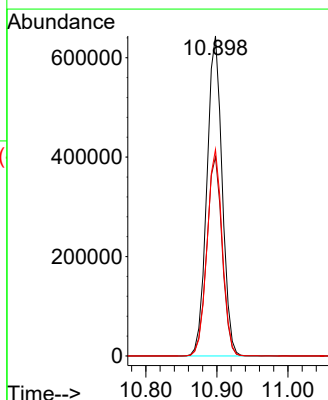
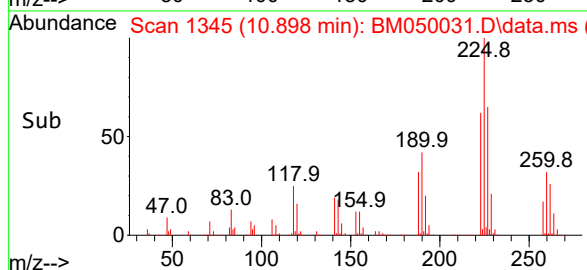
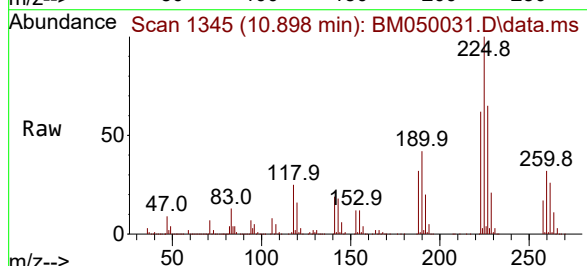
Delta R.T. -0.000 min

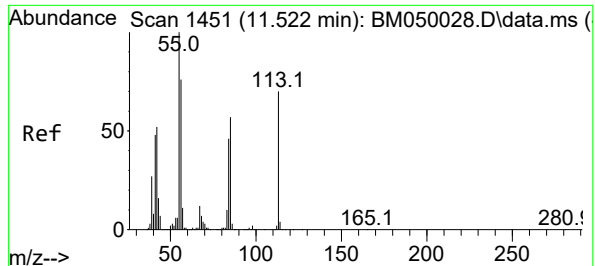
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:225 Resp: 959905

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.6	50.6	76.0

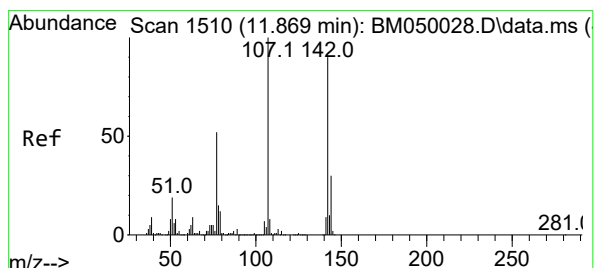
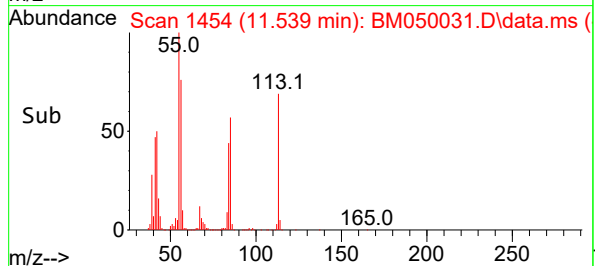
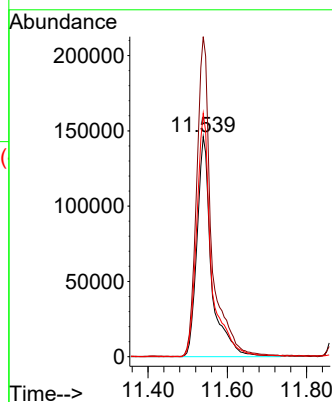
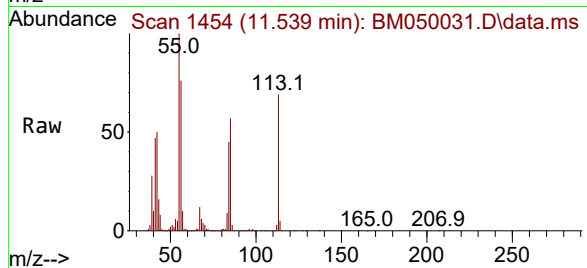




#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

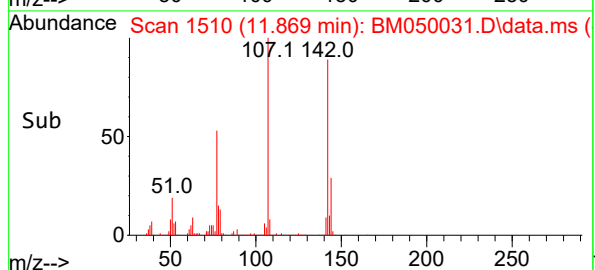
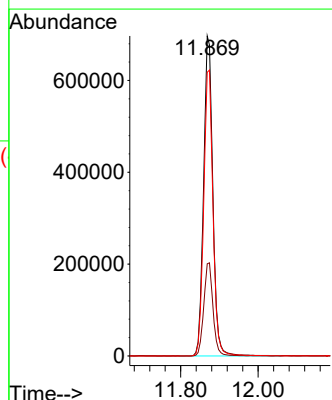
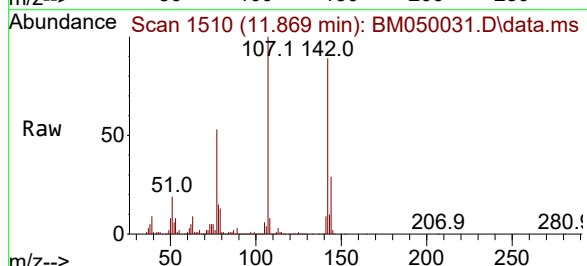
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

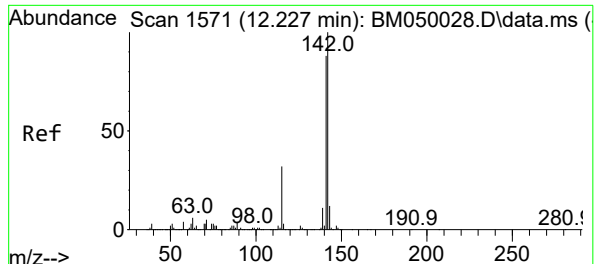
Tgt Ion:113 Resp: 371164
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.6 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 88.7 71.9 107.9

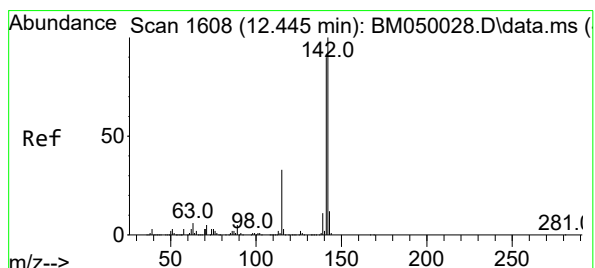
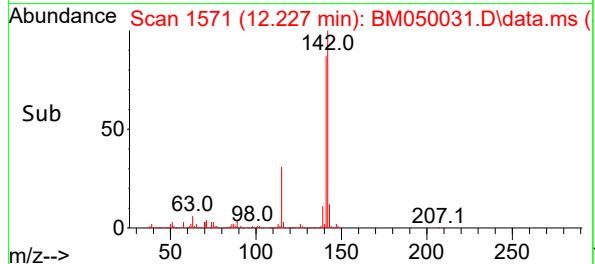
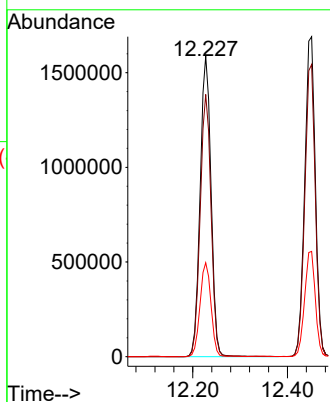
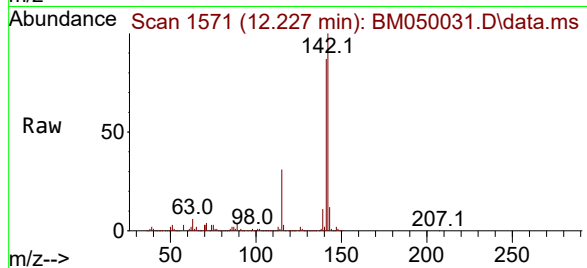




#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

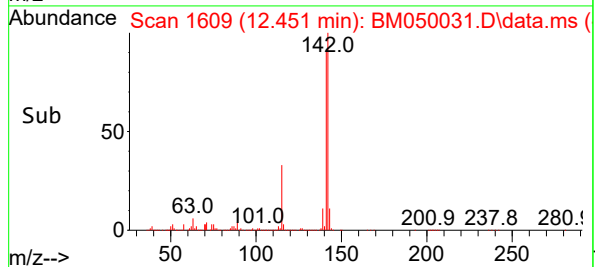
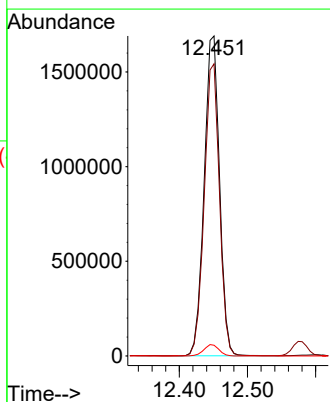
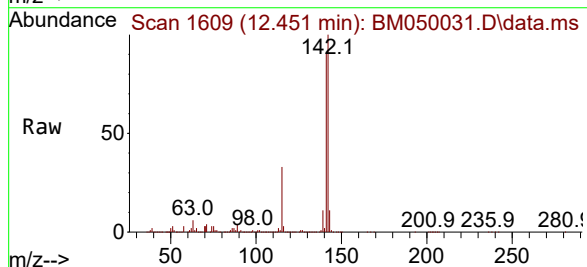
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

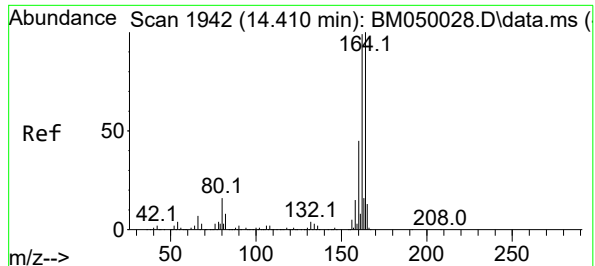
Tgt Ion:142 Resp: 2525532
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

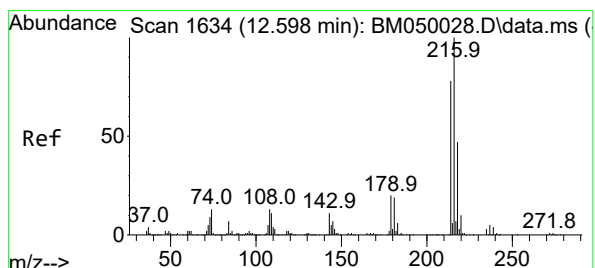
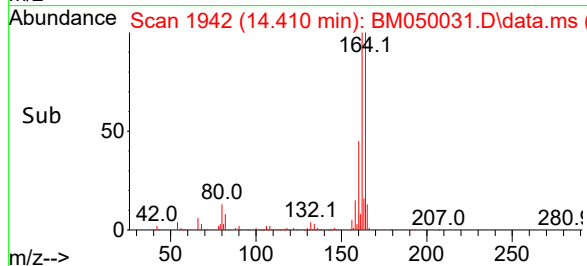
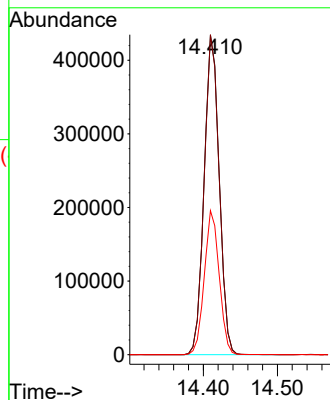
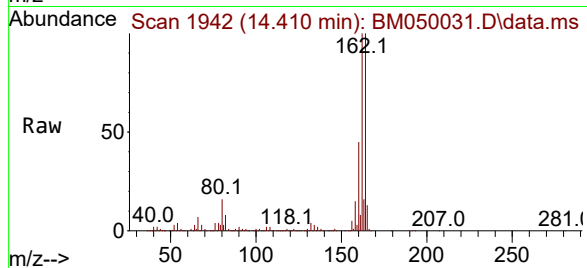
Tgt Ion:164 Resp: 613490

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.0

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 84.742 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

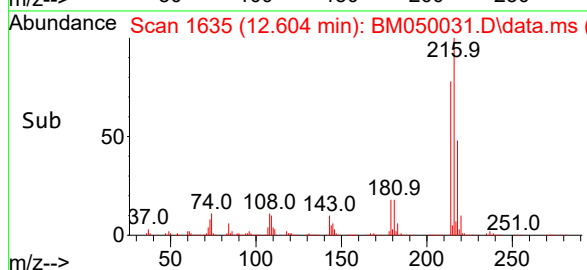
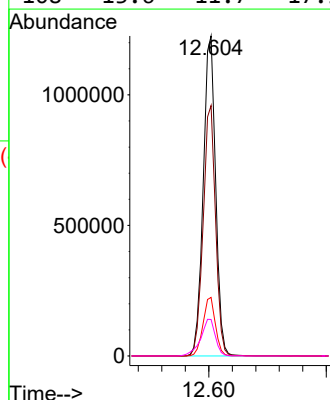
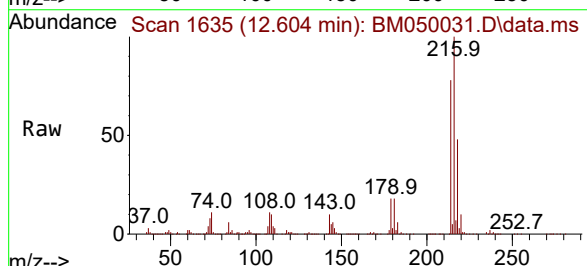
Ion Ratio Lower Upper

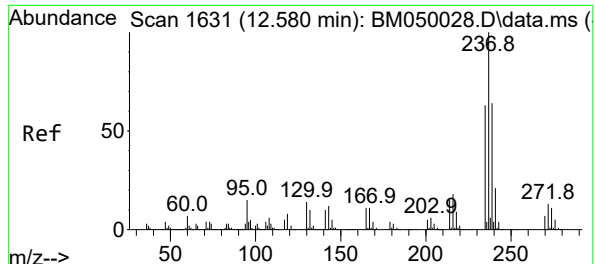
216 100

214 78.4 62.3 93.5

179 18.4 15.4 23.0

108 13.6 11.7 17.5

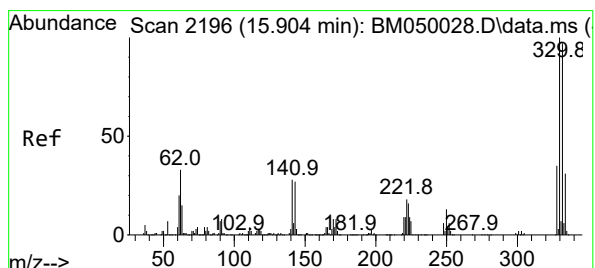
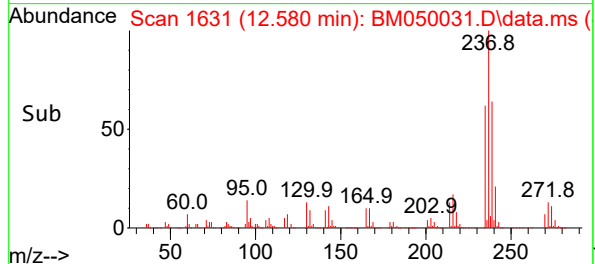
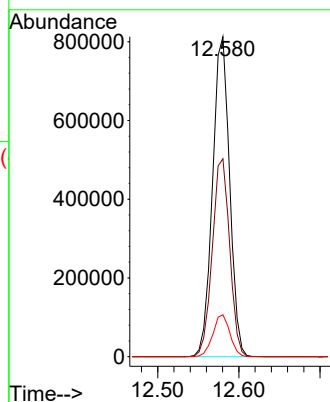
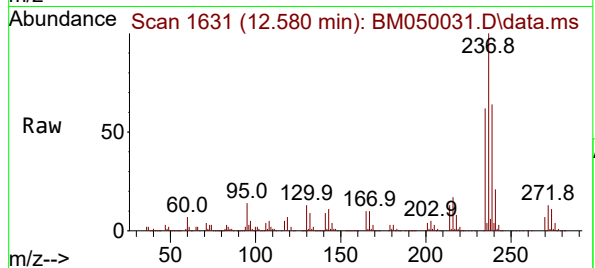




#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

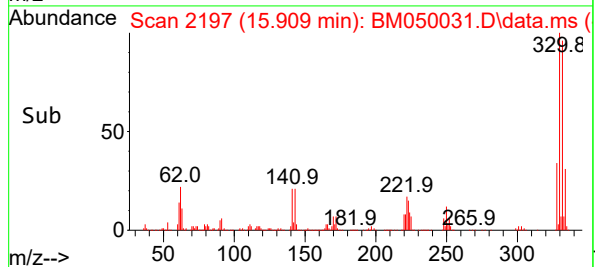
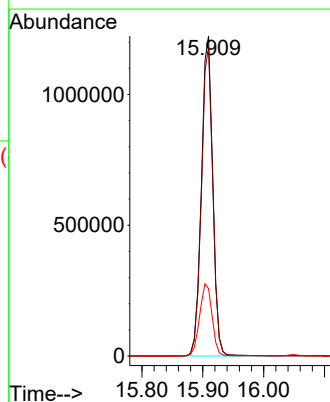
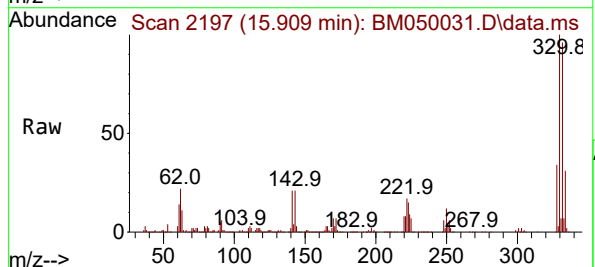
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

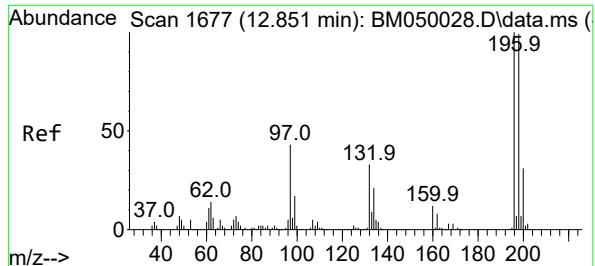
Tgt Ion:237 Resp: 1185418
Ion Ratio Lower Upper
237 100
235 61.8 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 24.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 85.496 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

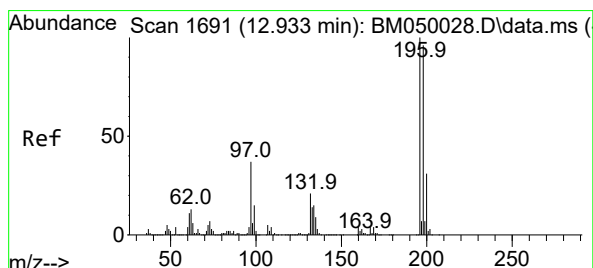
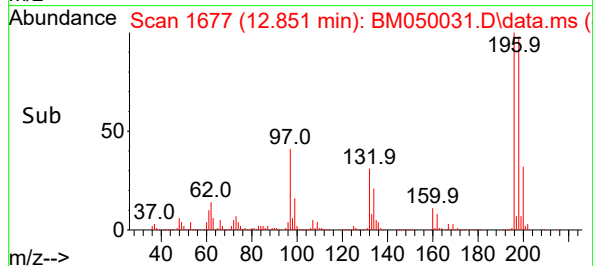
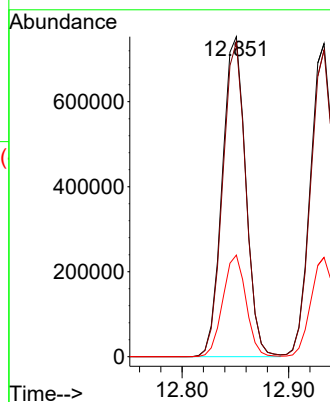
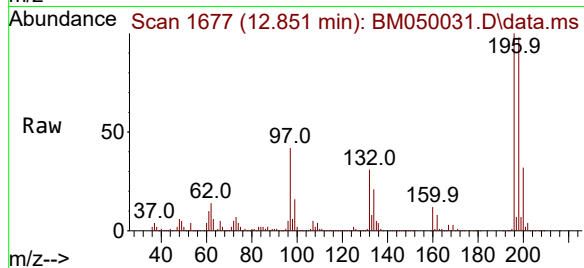
Tgt Ion:196 Resp: 1151641

Ion Ratio Lower Upper

196 100

198 98.2 79.0 118.6

200 31.7 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 84.011 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

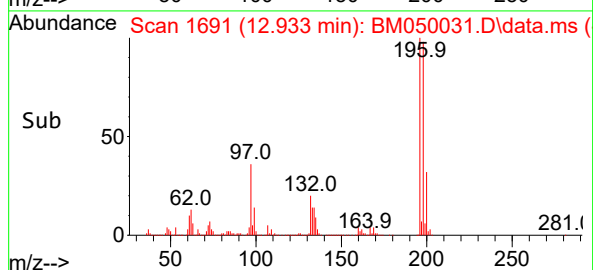
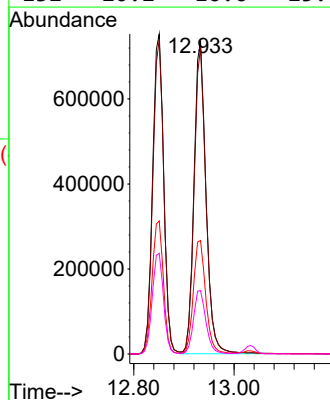
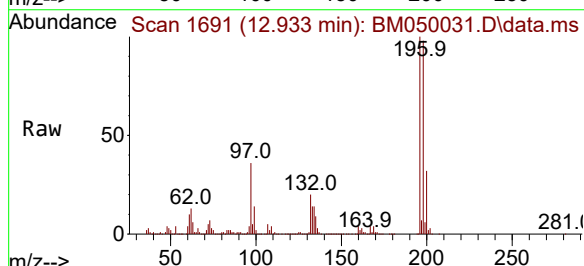
Ion Ratio Lower Upper

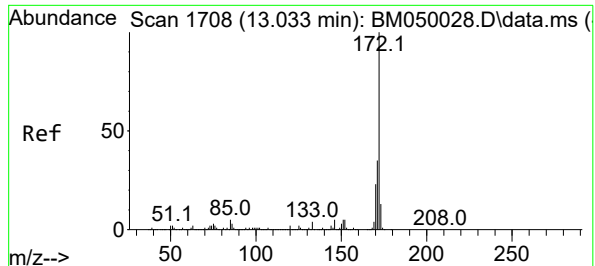
196 100

198 97.9 76.7 115.1

97 36.2 30.1 45.1

132 20.2 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 159.736 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

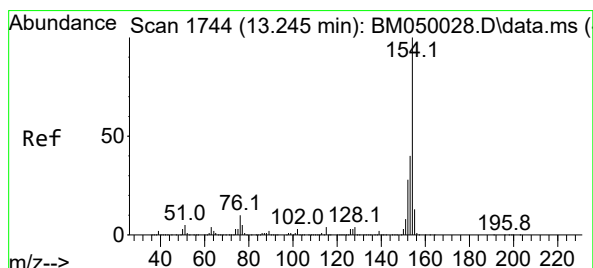
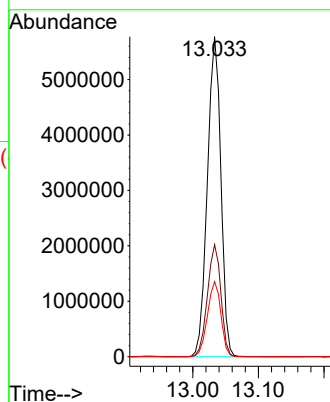
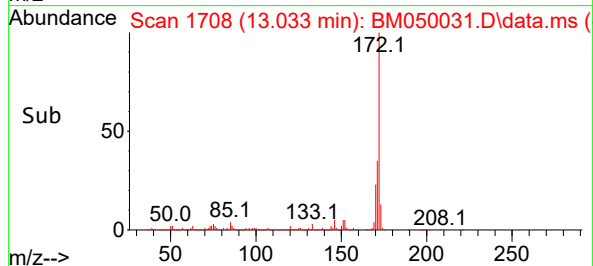
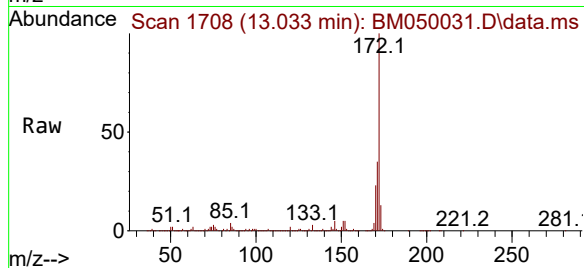
Tgt Ion:172 Resp: 8283812

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 79.246 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

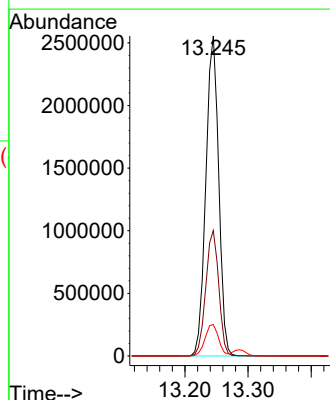
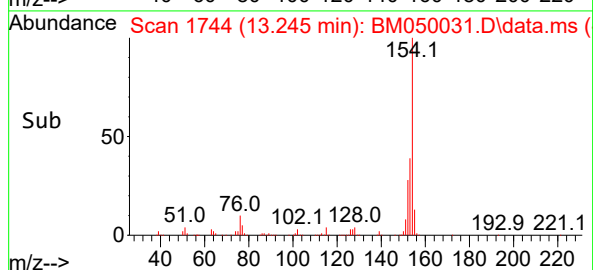
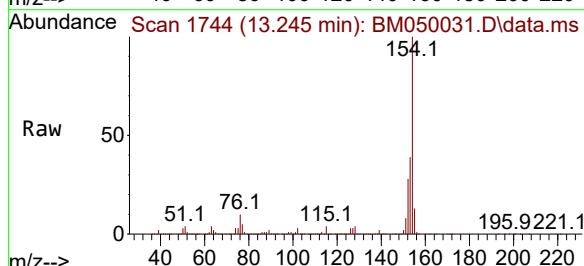
Tgt Ion:154 Resp: 3613893

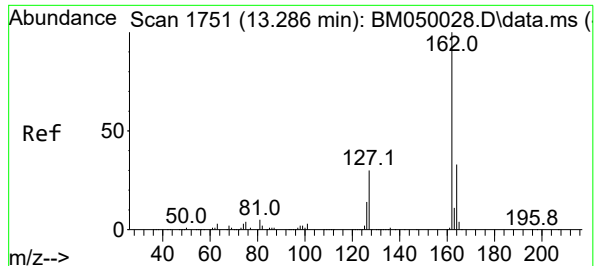
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 78.700 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

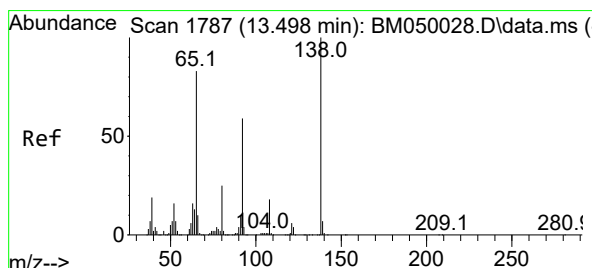
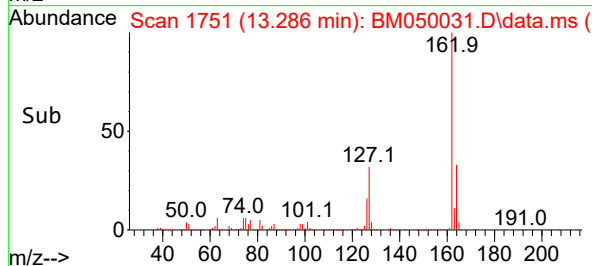
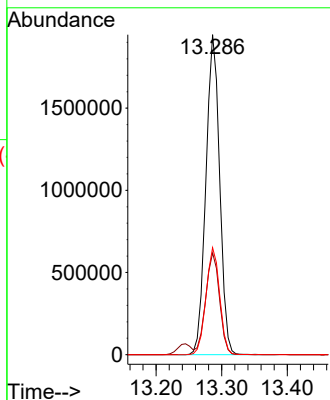
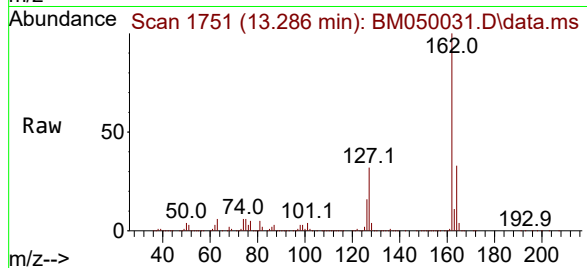
Tgt Ion:162 Resp: 2842514

Ion Ratio Lower Upper

162 100

127 31.8 25.9 38.9

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 82.725 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

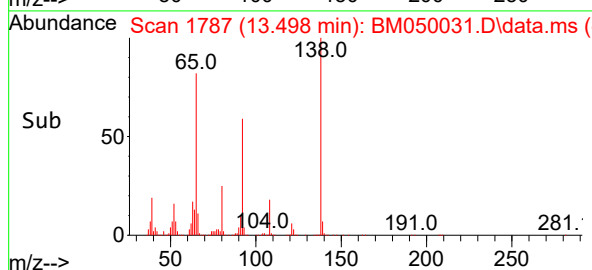
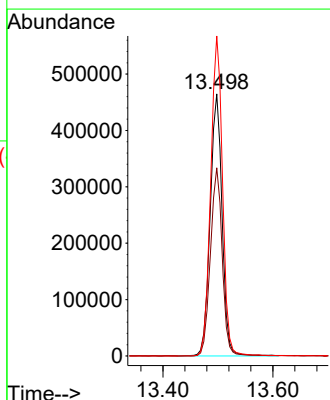
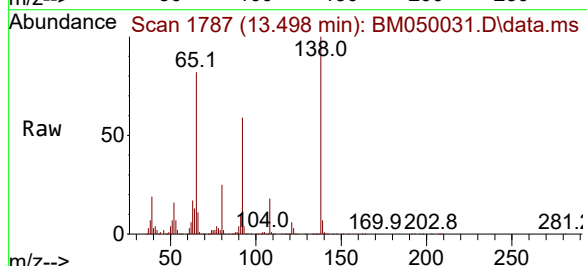
Tgt Ion: 65 Resp: 701256

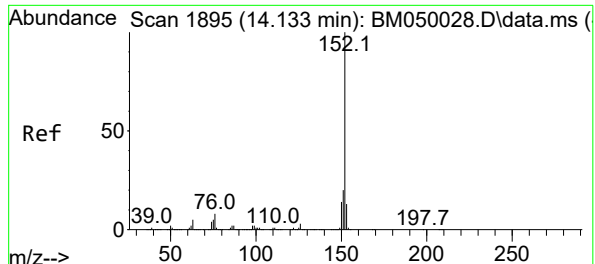
Ion Ratio Lower Upper

65 100

92 71.8 57.1 85.7

138 122.1 97.0 145.4





#49

Acenaphthylene

Concen: 79.492 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

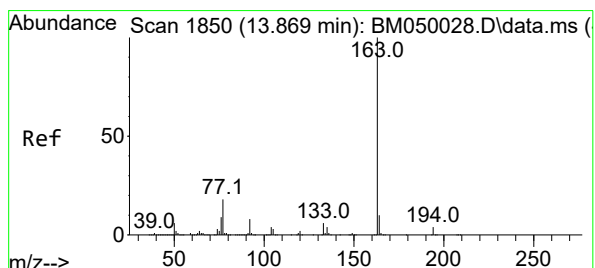
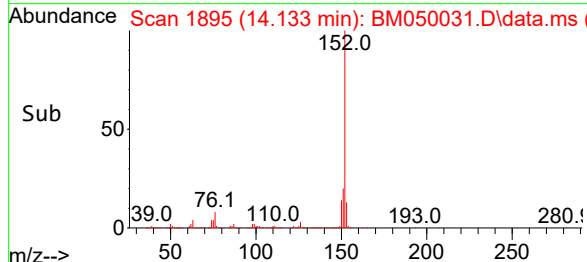
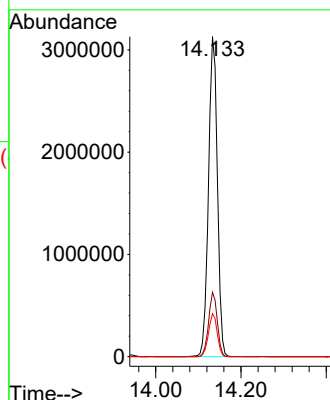
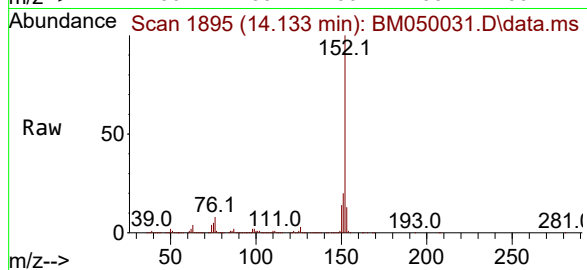
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8



#50

Dimethylphthalate

Concen: 78.228 ng

RT: 13.874 min Scan# 1851

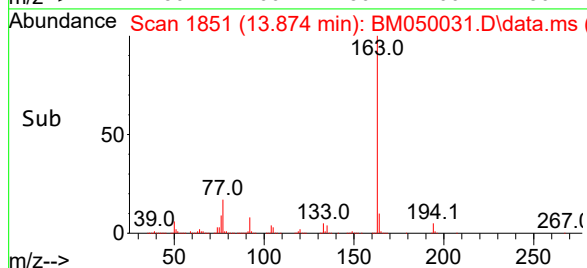
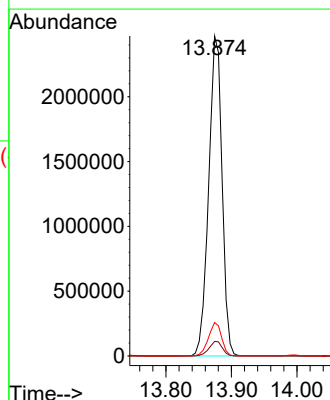
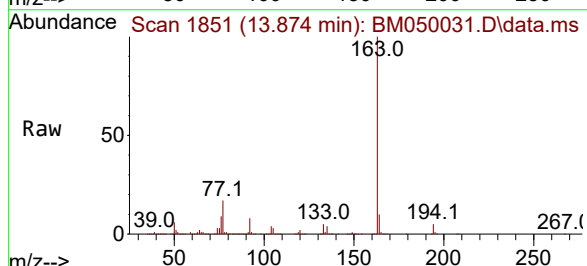
Delta R.T. 0.006 min

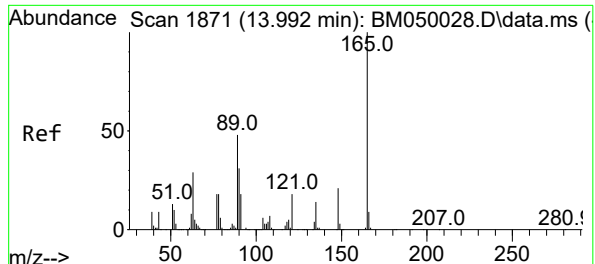
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2

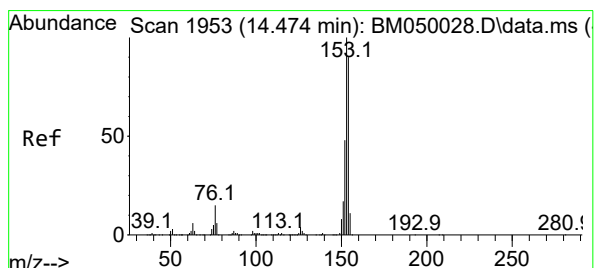
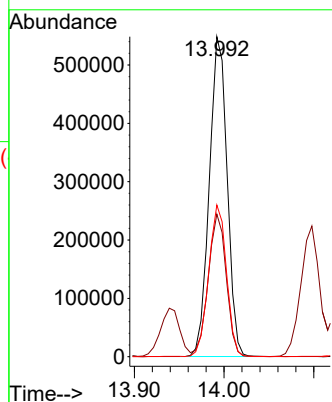
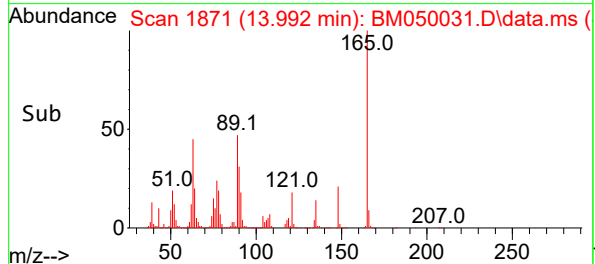
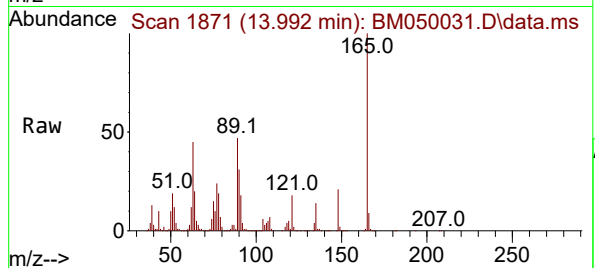




#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

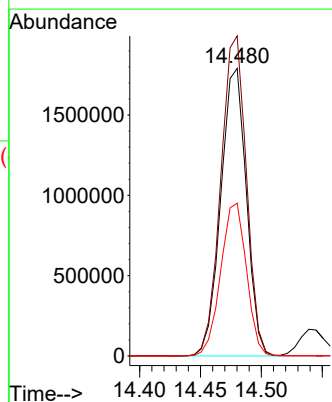
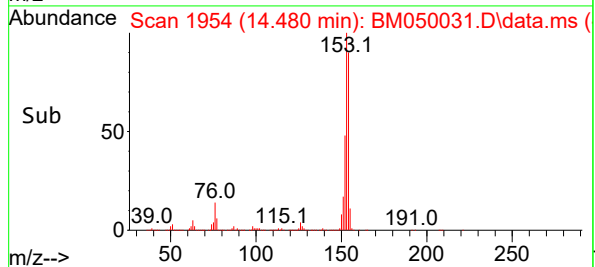
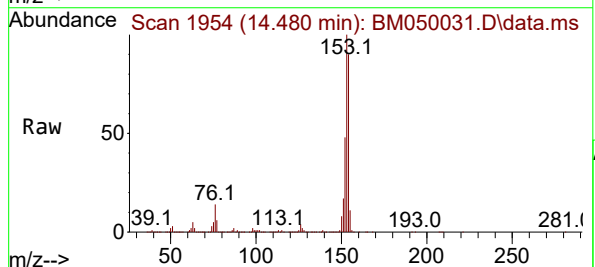
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

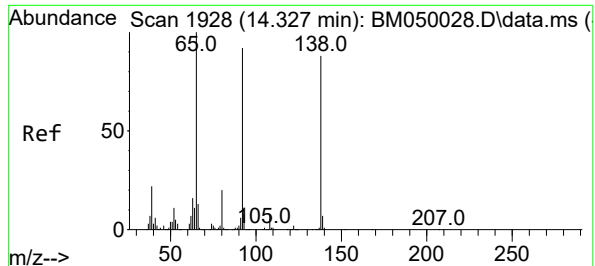
Tgt Ion:165 Resp: 758296
Ion Ratio Lower Upper
165 100
63 44.6 35.1 52.7
89 47.4 38.4 57.6



#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 53.1 43.0 64.6

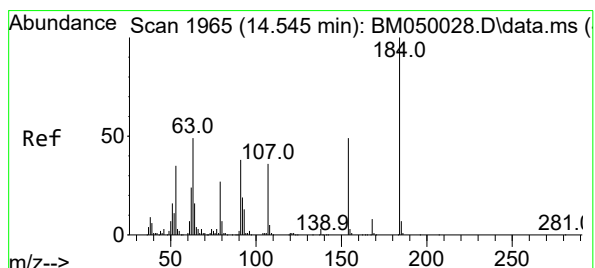
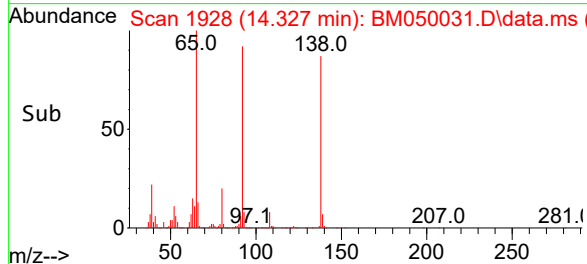
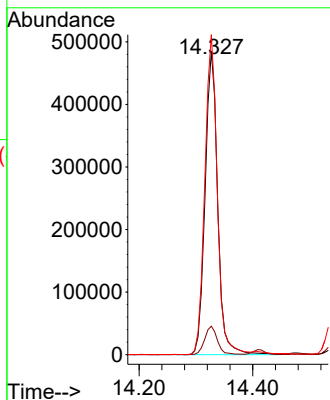
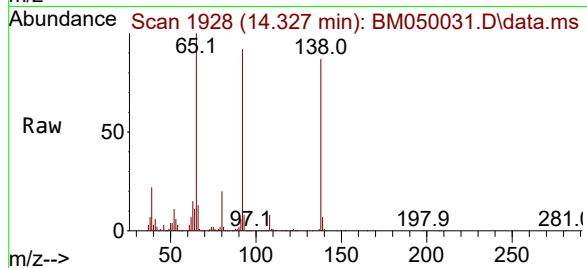




#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

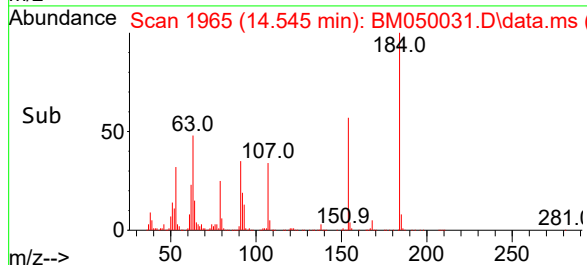
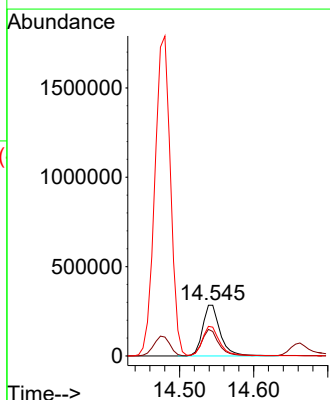
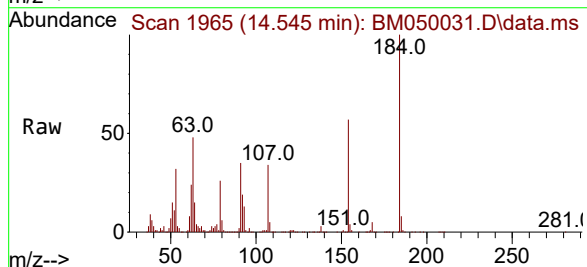
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

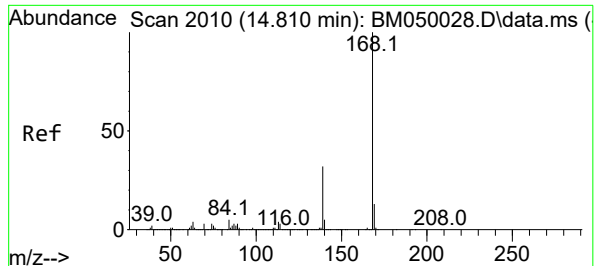
Tgt Ion:138 Resp: 740202
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.2
92 105.4 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472
Ion Ratio Lower Upper
184 100
63 48.1 39.8 59.6
154 57.0 46.1 69.1





#55

Dibenzenofuran

Concen: 78.875 ng

RT: 14.815 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

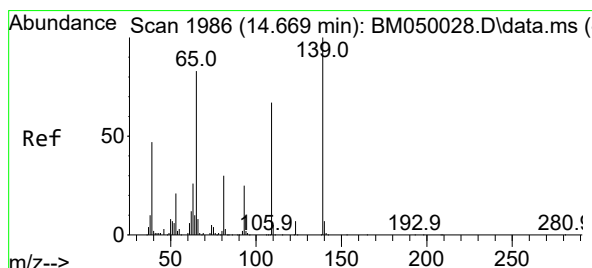
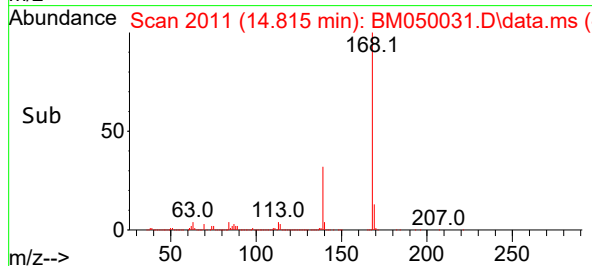
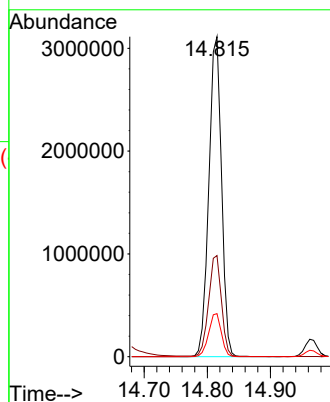
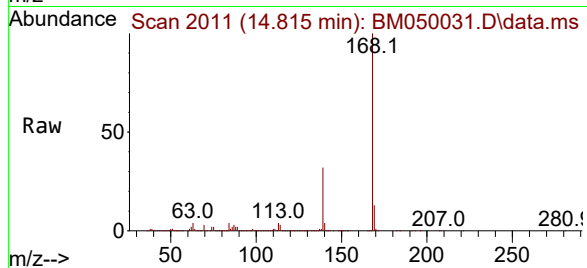
Tgt Ion:168 Resp: 4325783

Ion Ratio Lower Upper

168 100

139 31.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.710 ng

RT: 14.662 min Scan# 1985

Delta R.T. -0.007 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

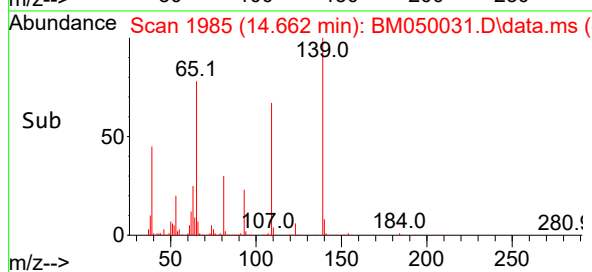
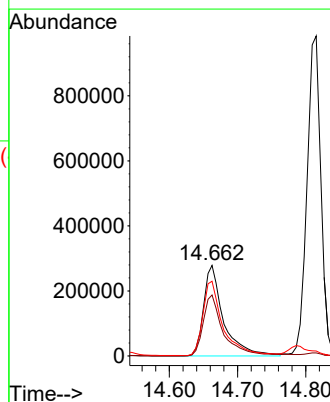
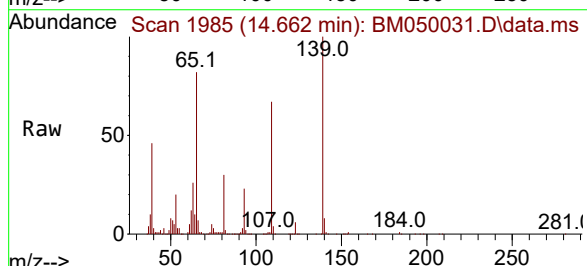
Tgt Ion:139 Resp: 566943

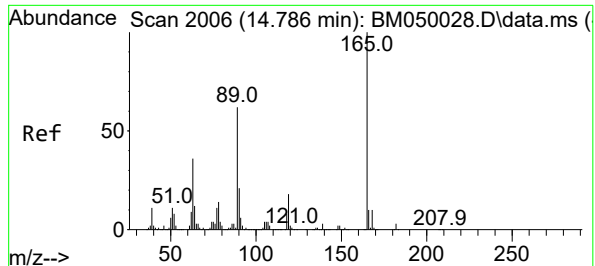
Ion Ratio Lower Upper

139 100

109 67.2 47.0 87.0

65 82.5 64.3 104.3

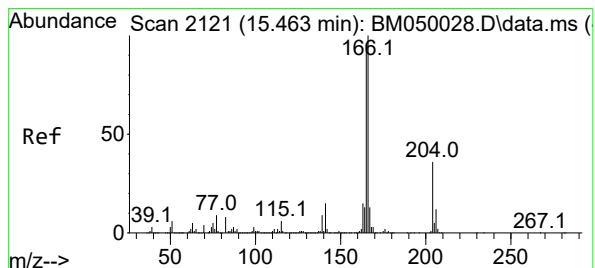
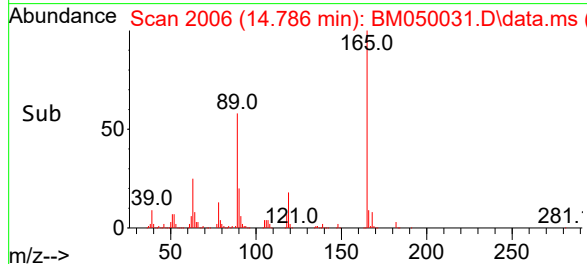
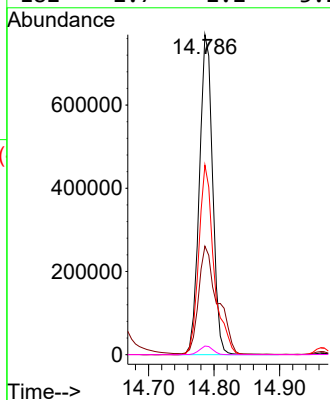
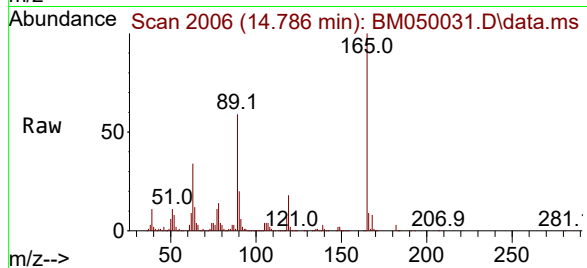




#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

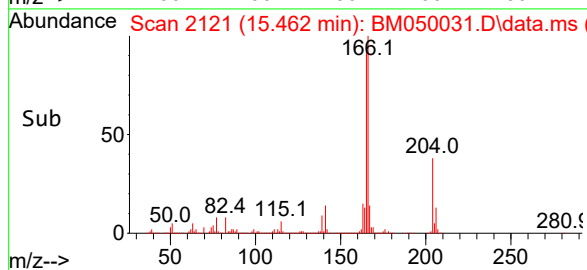
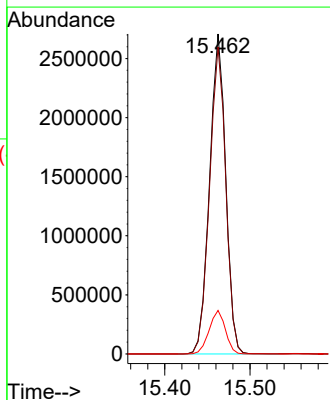
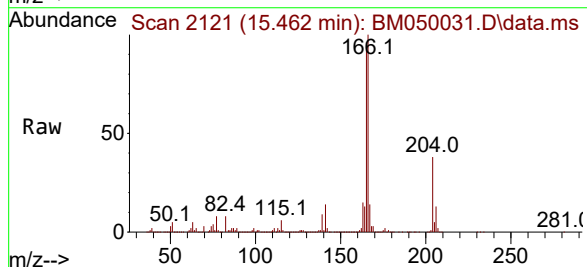
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

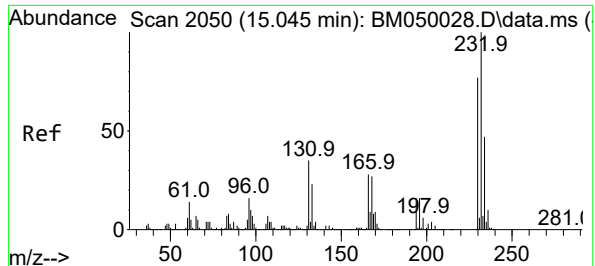
Tgt Ion:165 Resp: 1080118
Ion Ratio Lower Upper
165 100
63 33.9 29.0 43.6
89 59.2 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506
Ion Ratio Lower Upper
166 100
165 96.0 76.6 115.0
167 13.6 10.6 16.0

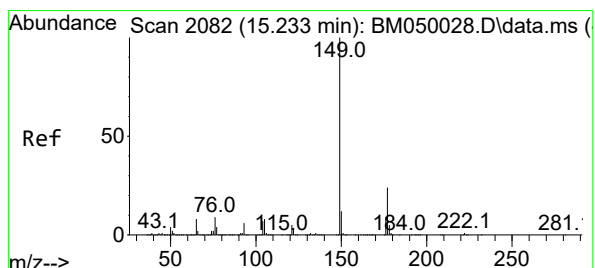
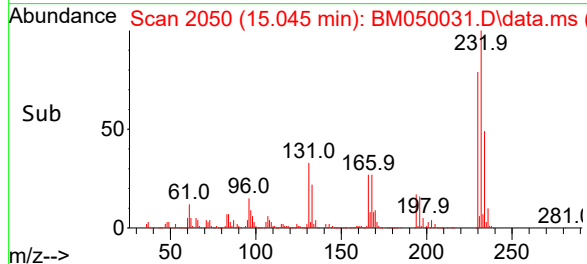
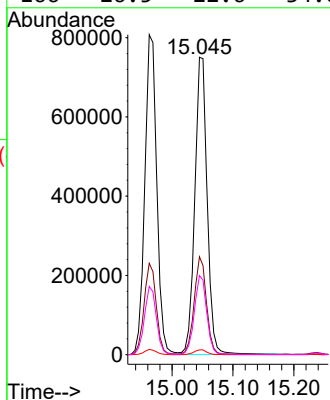
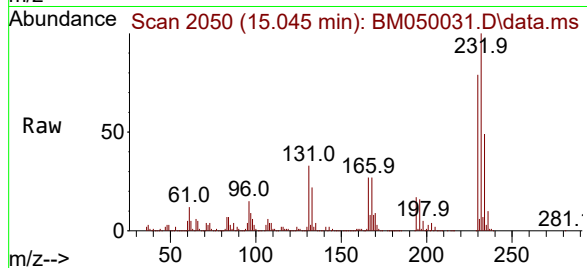




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.123 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

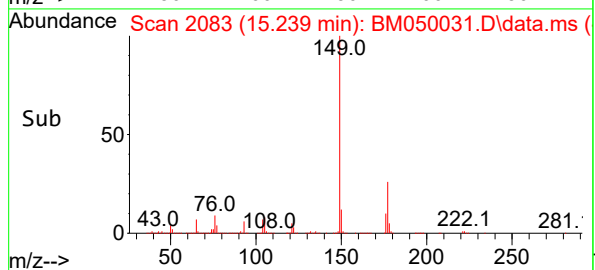
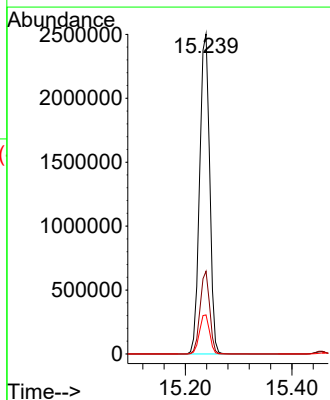
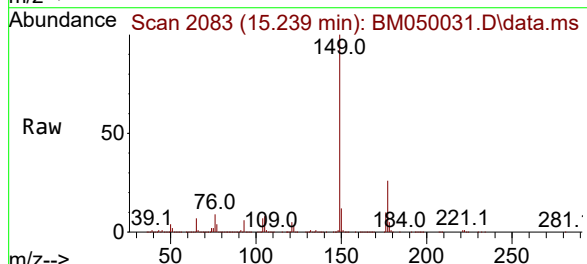
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

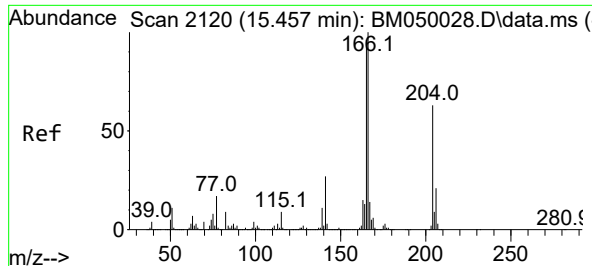
Tgt Ion:232 Resp: 1057707
Ion Ratio Lower Upper
232 100
131 32.8 28.2 42.4
130 1.7 1.5 2.3
166 26.5 22.6 34.0



#60
Diethylphthalate
Concen: 77.118 ng
RT: 15.239 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3257954
Ion Ratio Lower Upper
149 100
177 25.8 19.1 28.7
150 12.2 9.6 14.4

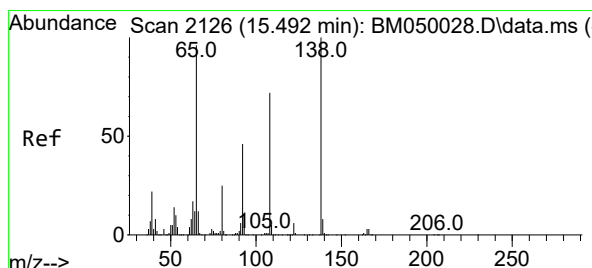
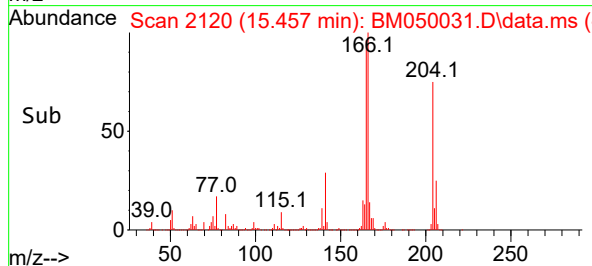
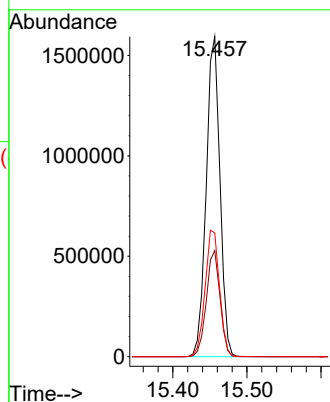
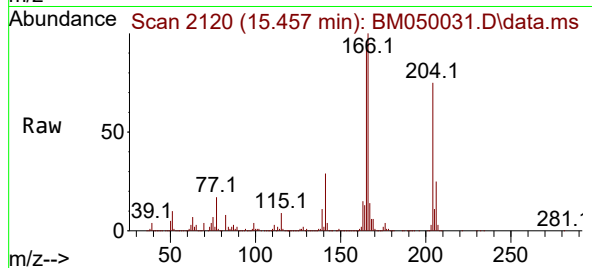




#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

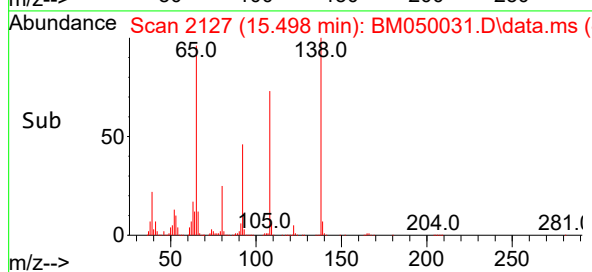
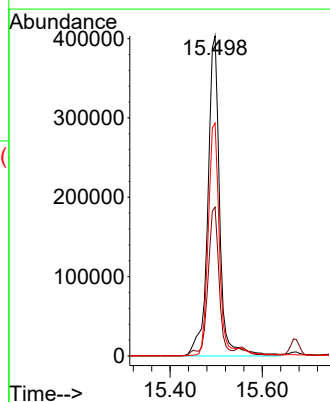
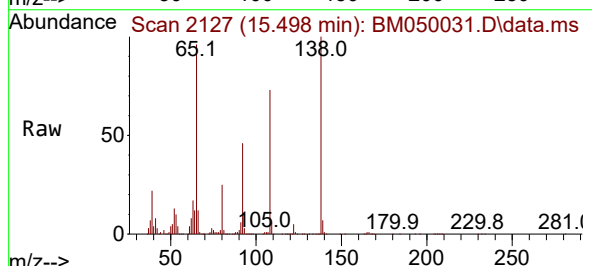
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

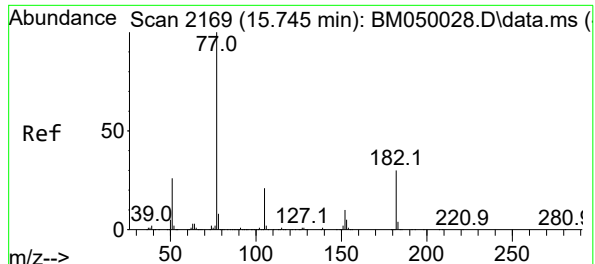
Tgt Ion:204 Resp: 2051105
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 38.7 34.0 51.0



#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 72.8 52.4 92.4

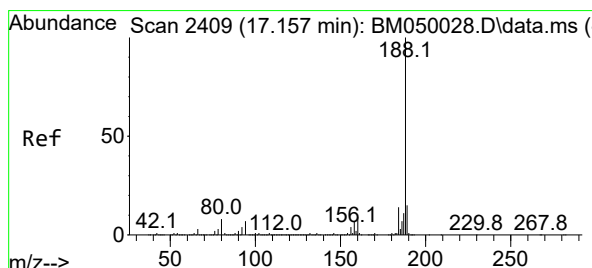
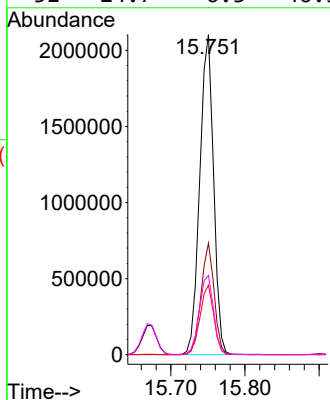
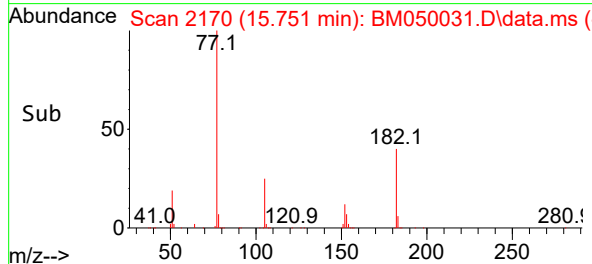
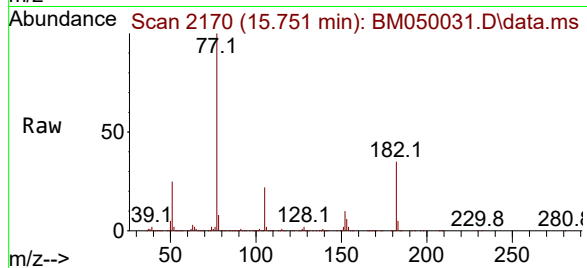




#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

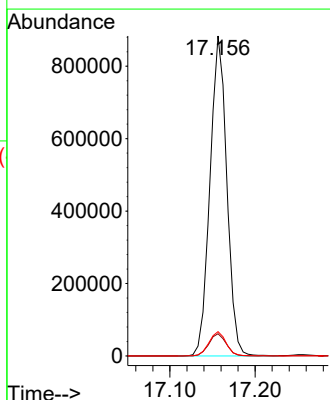
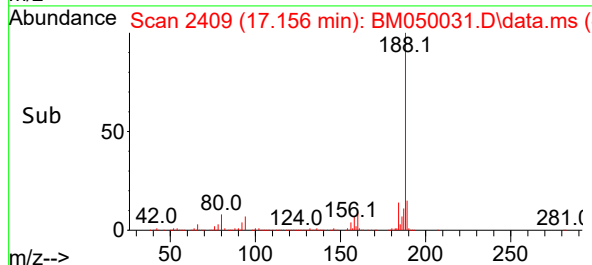
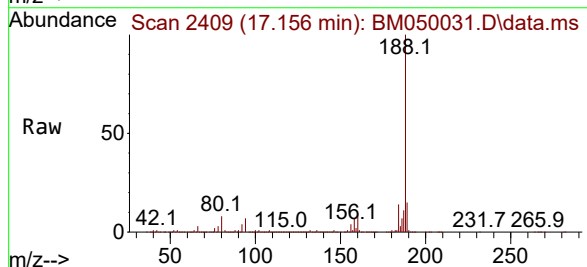
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

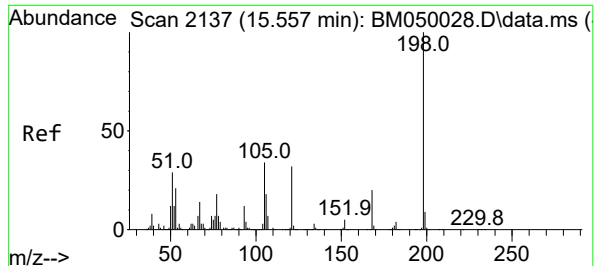
Tgt Ion: 77 Resp: 2723186
Ion Ratio Lower Upper
77 100
182 34.9 10.5 50.5
105 21.7 1.1 41.1
51 24.7 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 188 Resp: 1212251
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.6 6.2 9.4

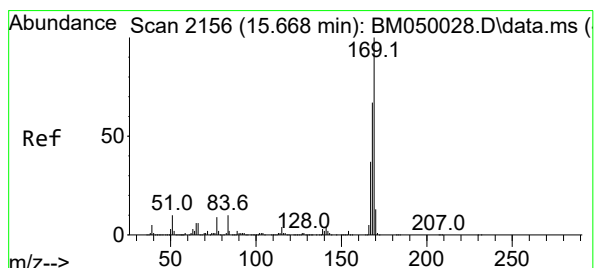
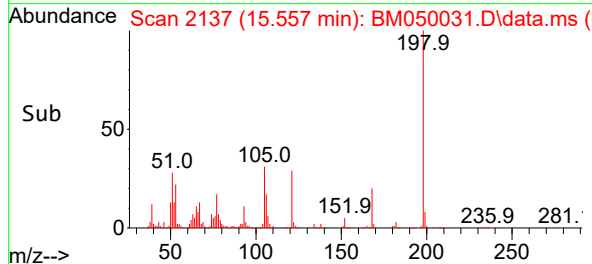
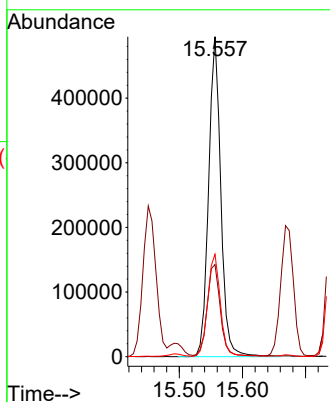
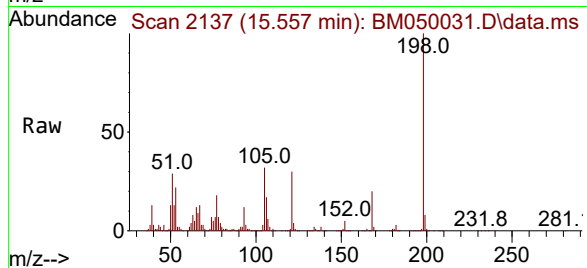




#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

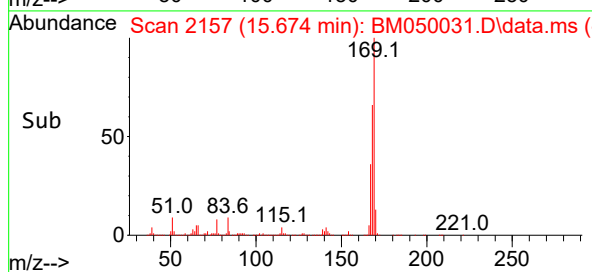
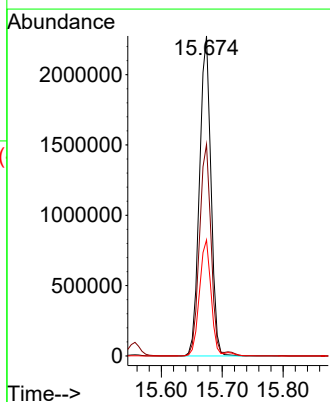
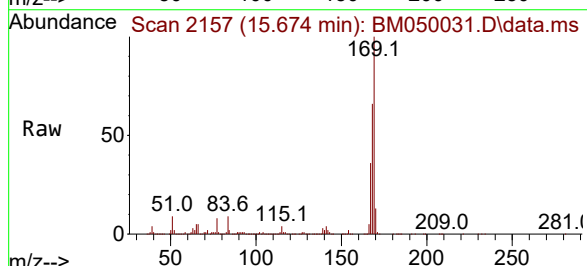
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

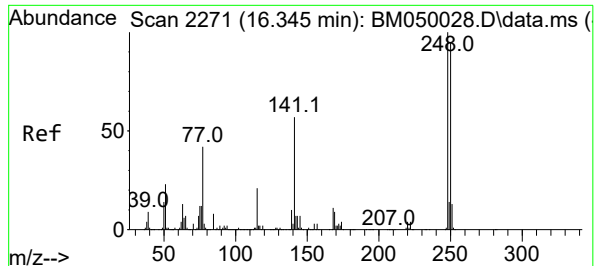
Tgt Ion:198 Resp: 665798
Ion Ratio Lower Upper
198 100
51 28.8 10.4 50.4
105 32.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.3 29.4 44.0

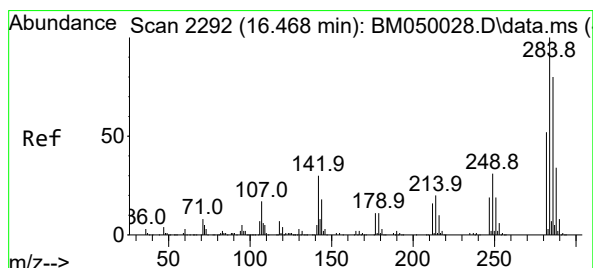
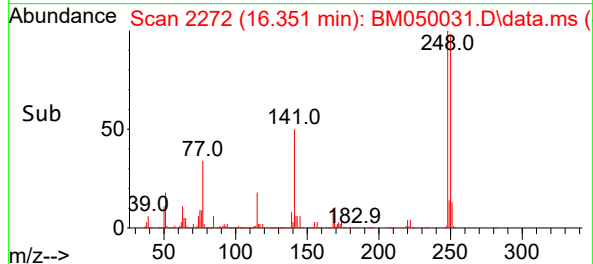
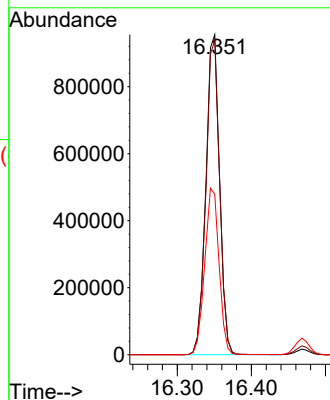
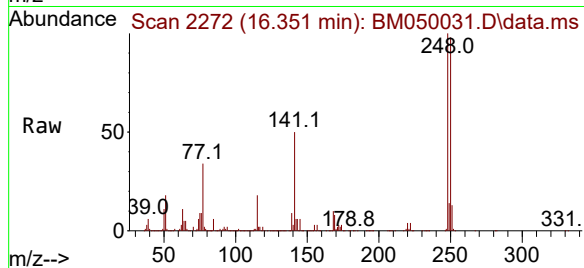




#67
4-Bromophenyl-phenylether
Concen: 83.600 ng
RT: 16.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

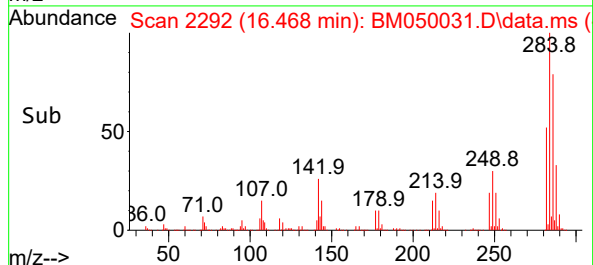
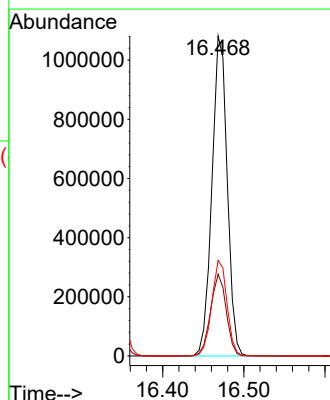
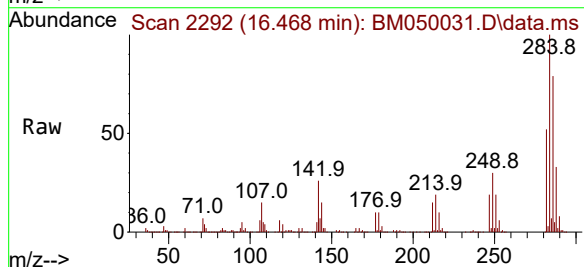
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

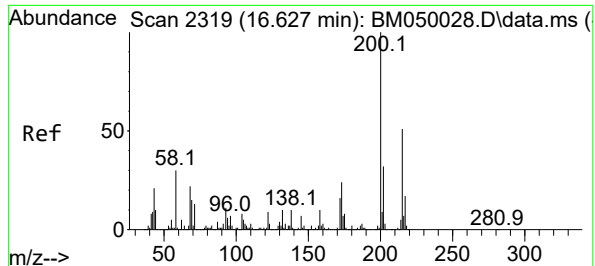
Tgt Ion:248 Resp: 1225531
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 50.1 45.9 68.9



#68
Hexachlorobenzene
Concen: 83.606 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:284 Resp: 1412768
Ion Ratio Lower Upper
284 100
142 25.5 23.9 35.9
249 29.9 24.5 36.7





#69

Atrazine

Concen: 83.174 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

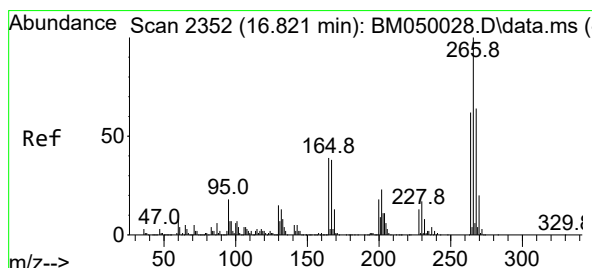
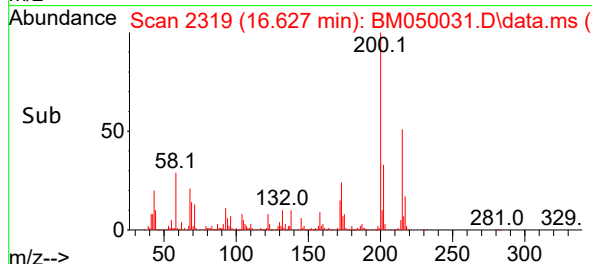
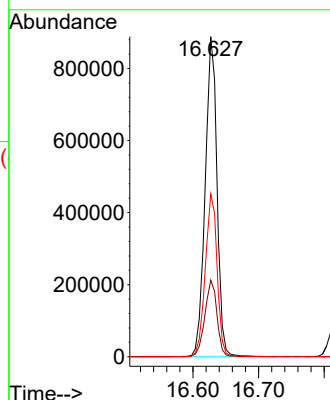
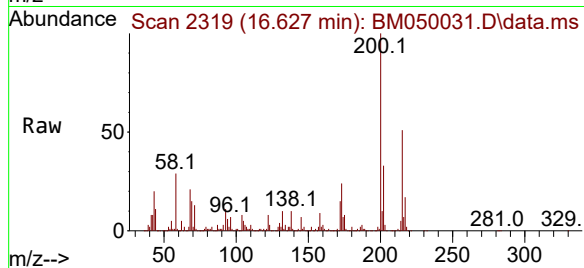
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 1116818

Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.3	44.3
215	50.8	30.6	70.6



#70

Pentachlorophenol

Concen: 88.648 ng

RT: 16.821 min Scan# 2352

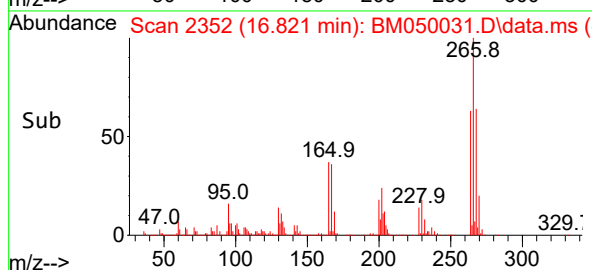
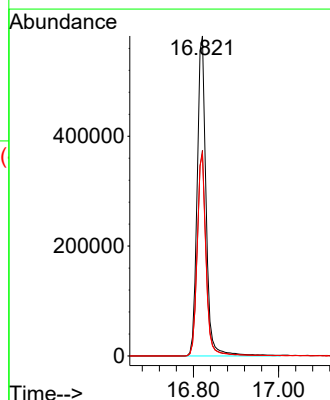
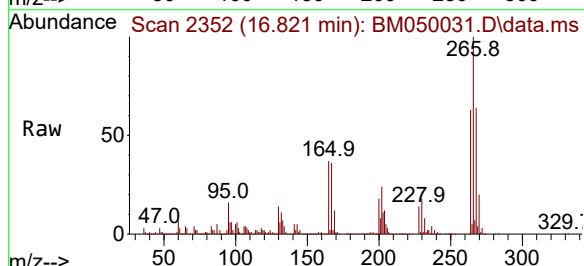
Delta R.T. 0.000 min

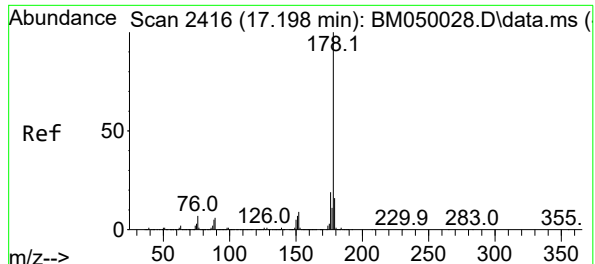
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	63.1	49.6	74.4

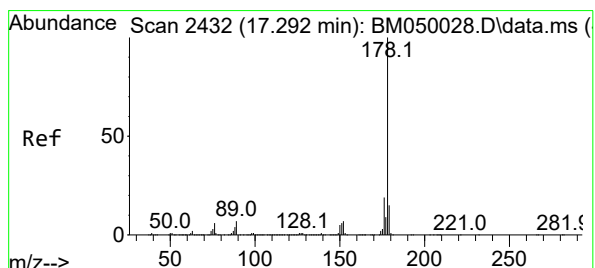
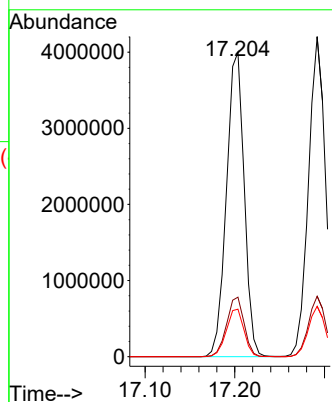
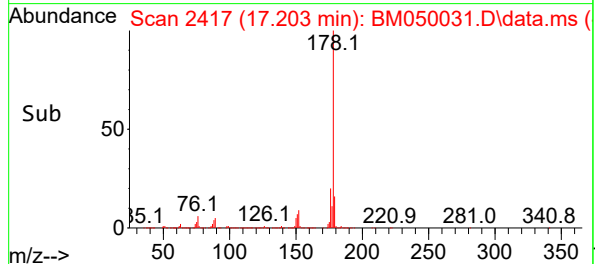
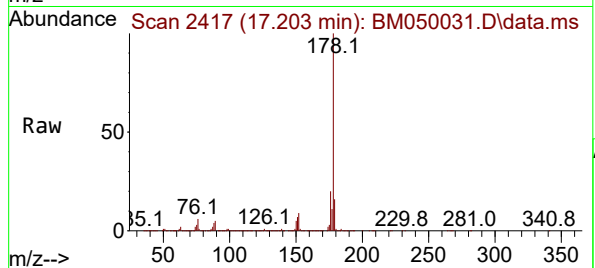




#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

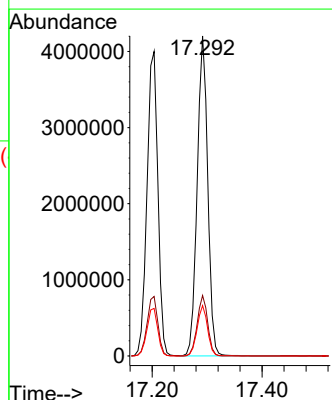
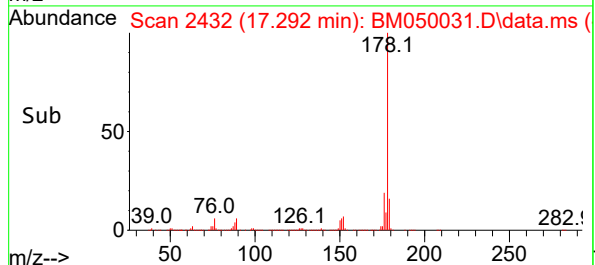
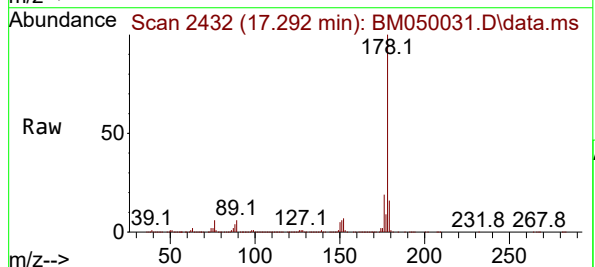
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

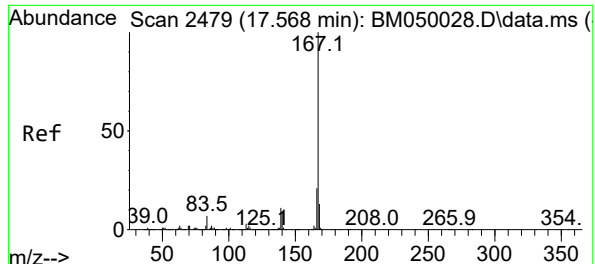
Tgt Ion:178 Resp: 5487968
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.8 12.2 18.4

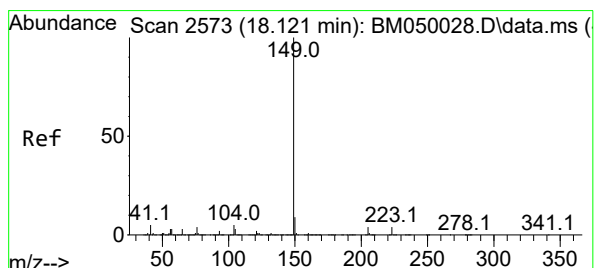
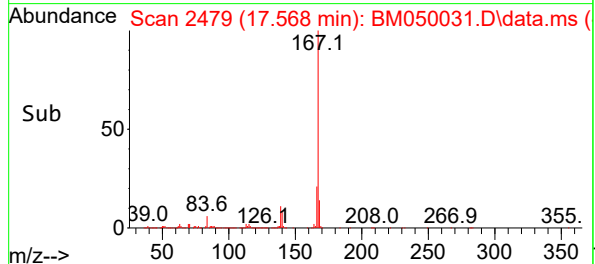
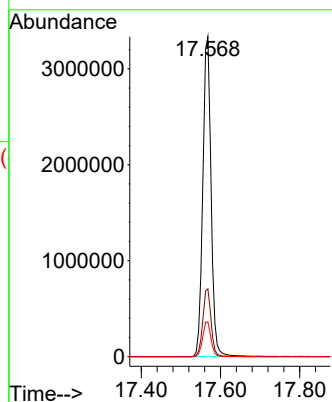
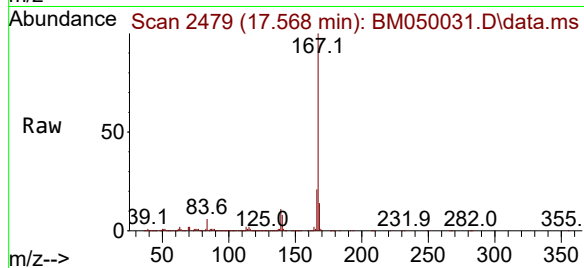




#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

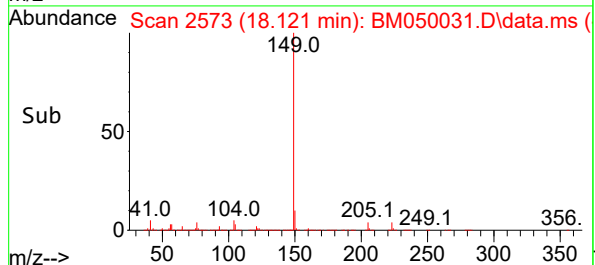
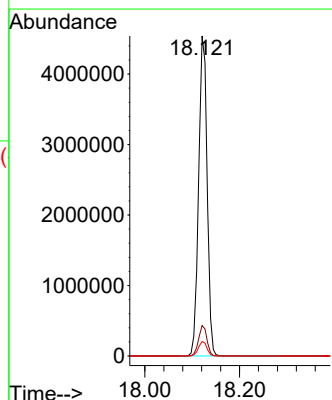
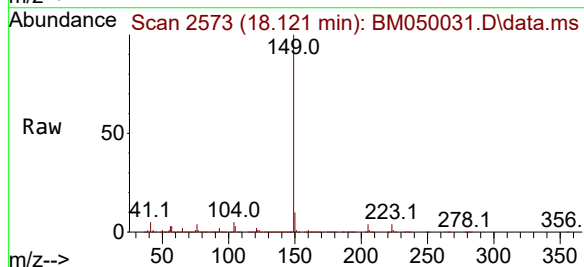
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

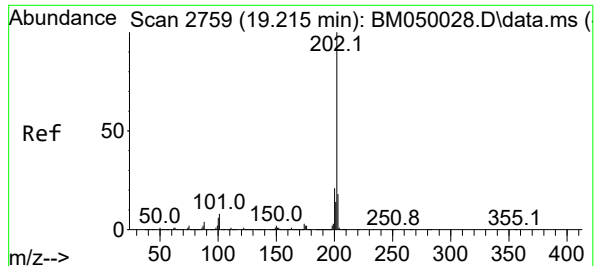
Tgt Ion:167 Resp: 4845637
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.8 9.0 13.6



#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.5 3.8 5.6

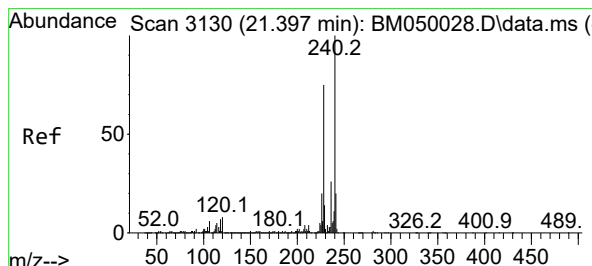
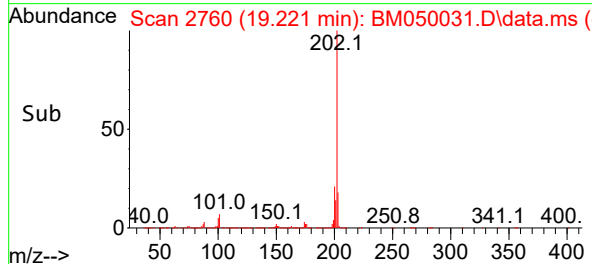
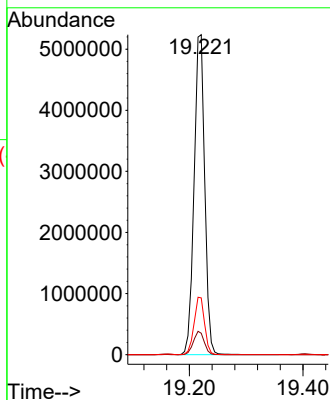
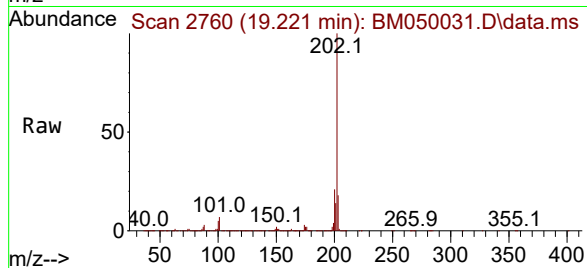




#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

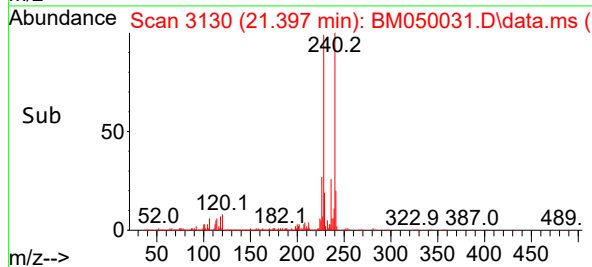
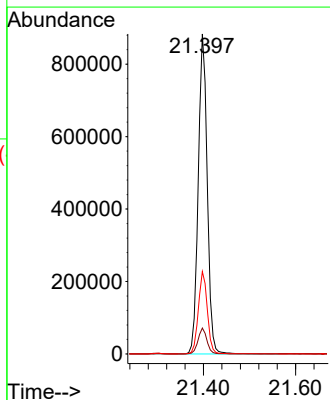
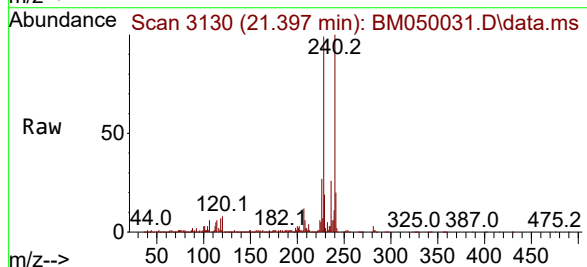
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

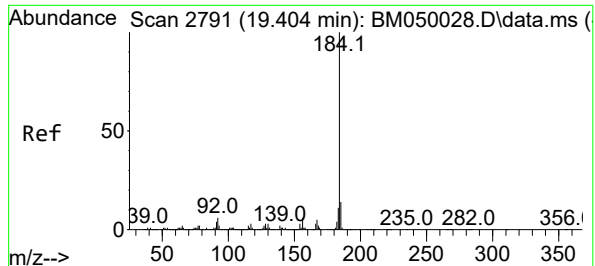
Tgt Ion:202 Resp: 6841999
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.8 20.9 31.3

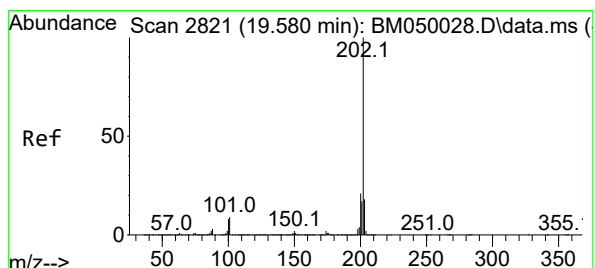
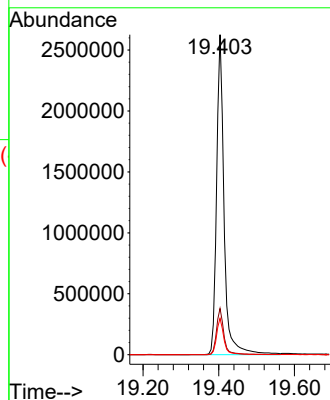
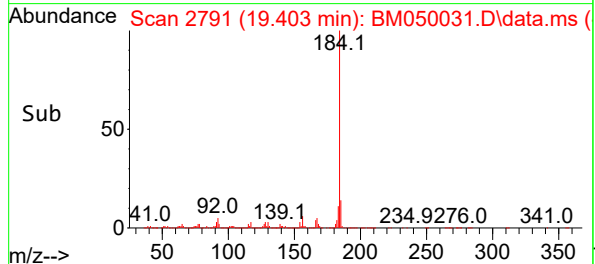
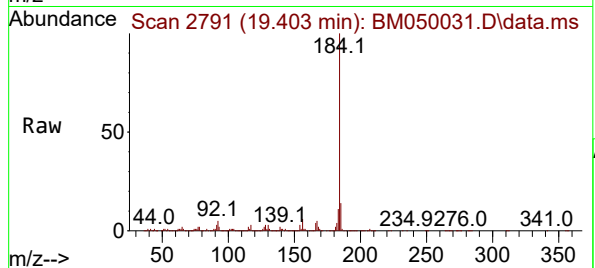




#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

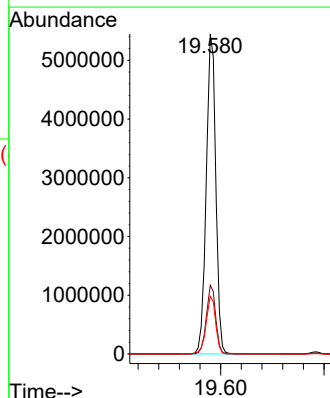
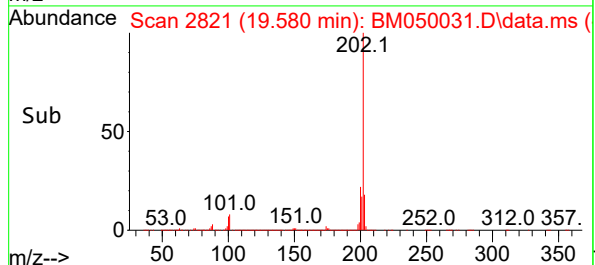
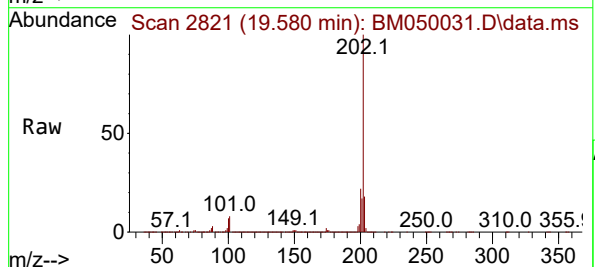
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

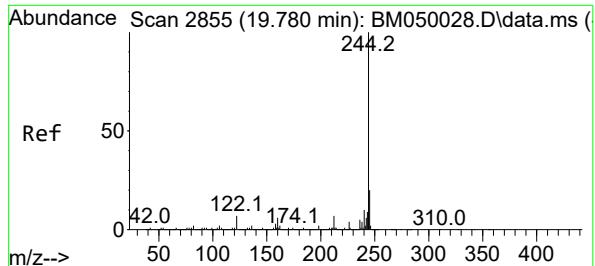
Tgt Ion:184 Resp: 3598340
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 18.0 14.1 21.1

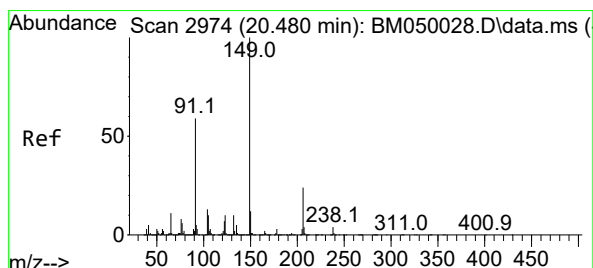
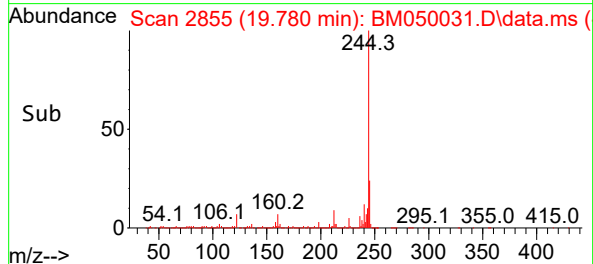
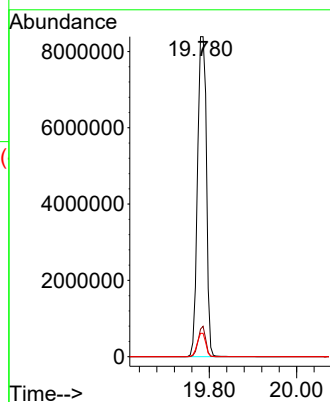
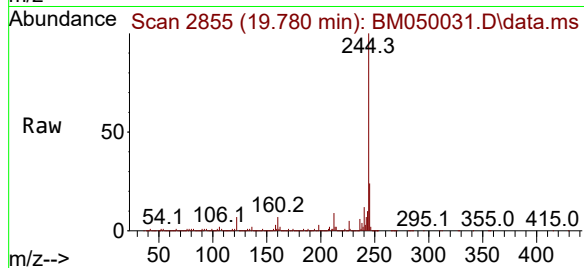




#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

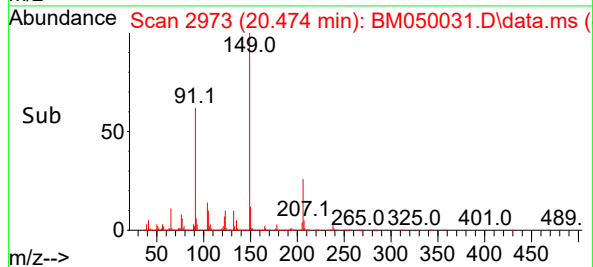
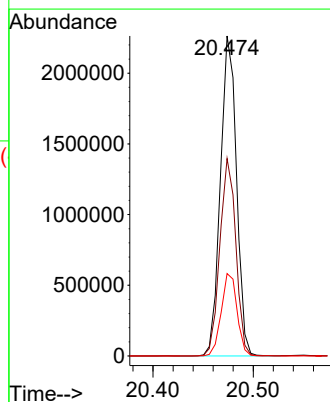
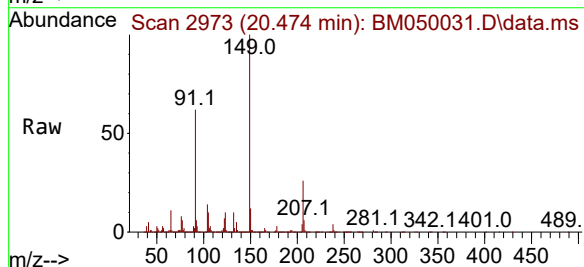
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

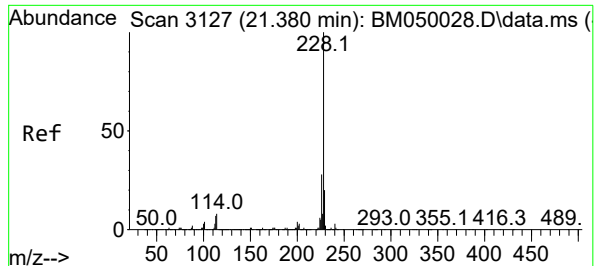
Tgt Ion:244 Resp:11877110
Ion Ratio Lower Upper
244 100
212 8.6 5.6 8.4#
122 7.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705
Ion Ratio Lower Upper
149 100
91 61.7 47.4 71.2
206 25.7 19.4 29.0

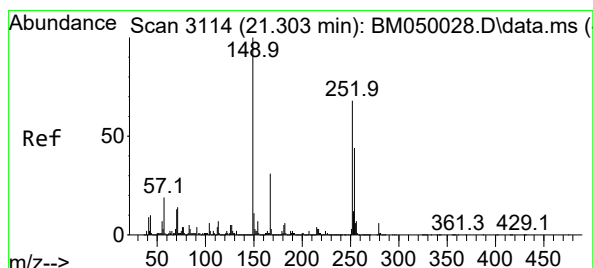
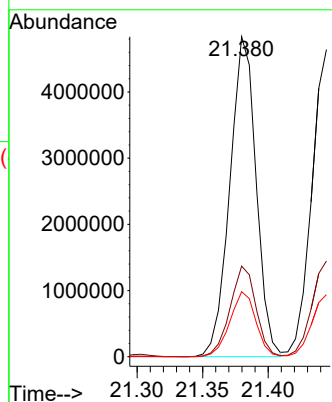
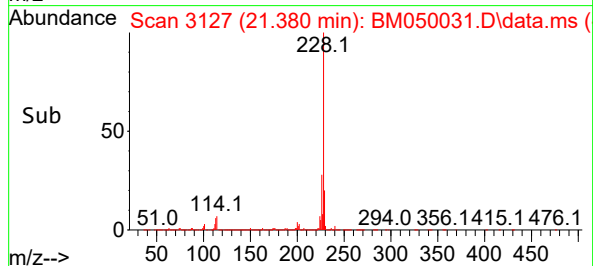
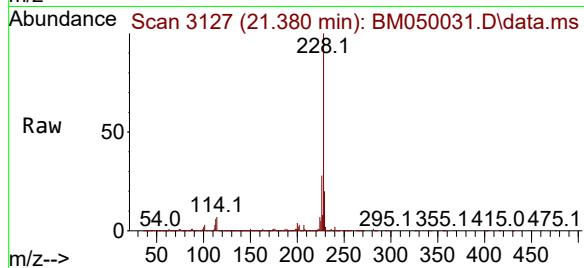




#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

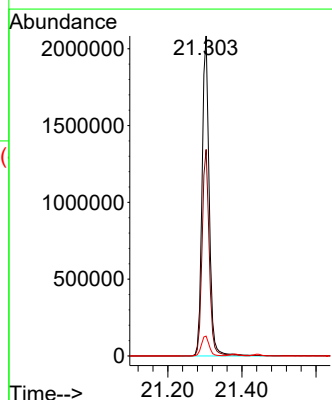
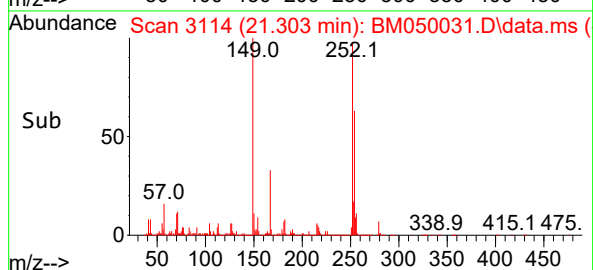
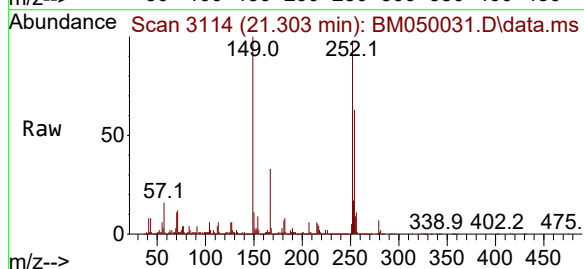
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

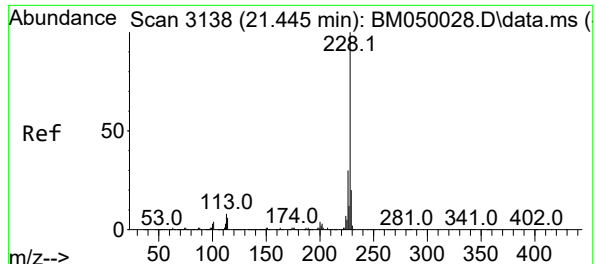
Tgt Ion:228 Resp: 6747718
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 6.2 6.0 9.0





#83

Chrysene

Concen: 81.316 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

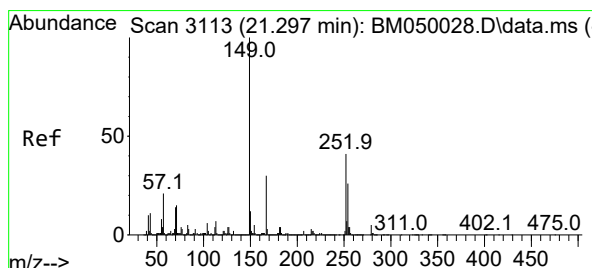
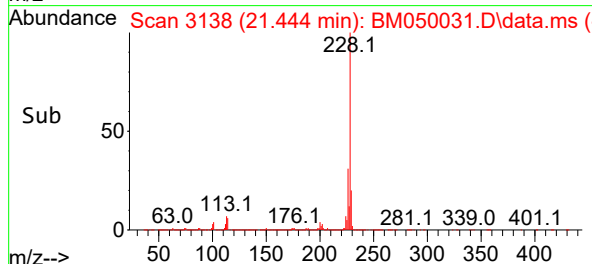
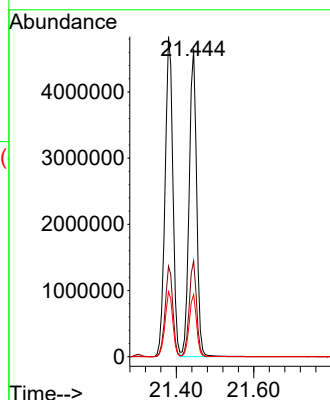
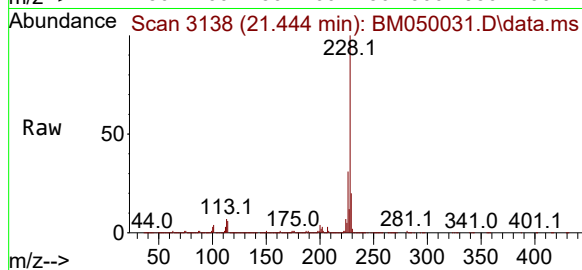
Tgt Ion:228 Resp: 6207632

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.905 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

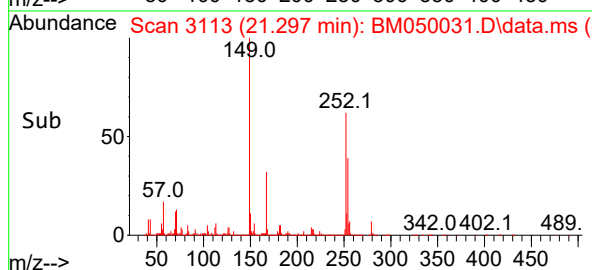
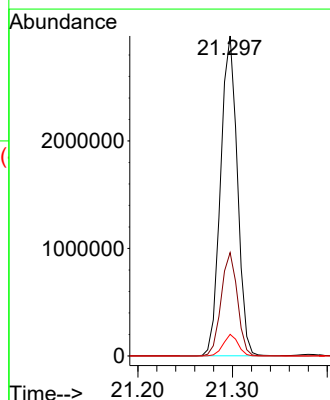
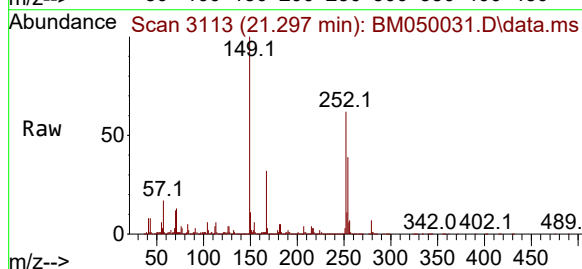
Tgt Ion:149 Resp: 3665836

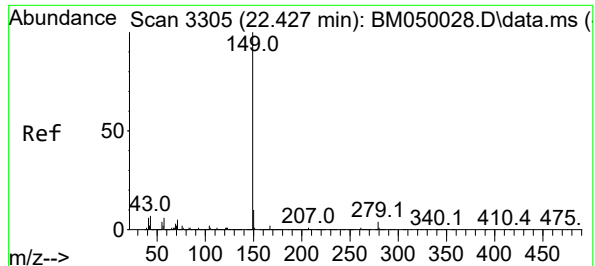
Ion Ratio Lower Upper

149 100

167 32.3 24.1 36.1

279 6.7 3.9 5.9#

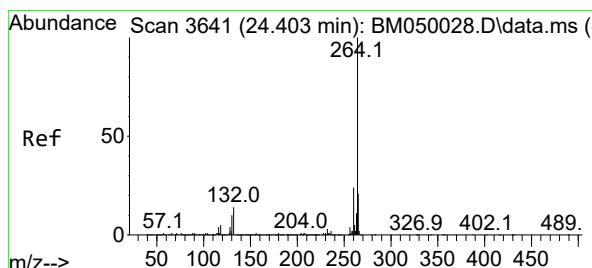
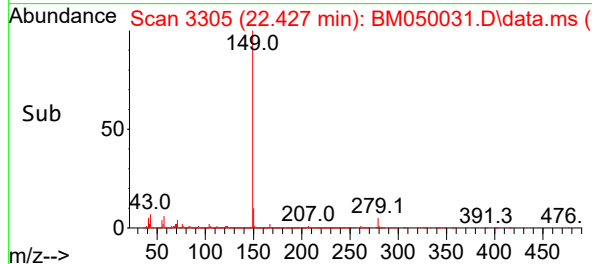
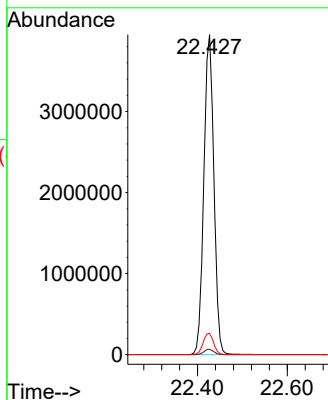
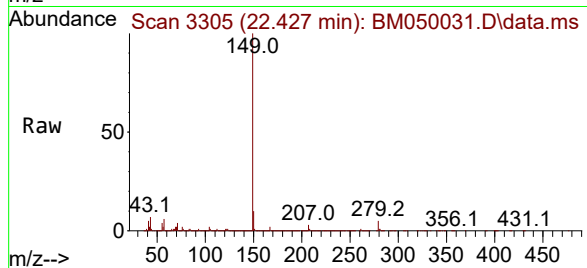




#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

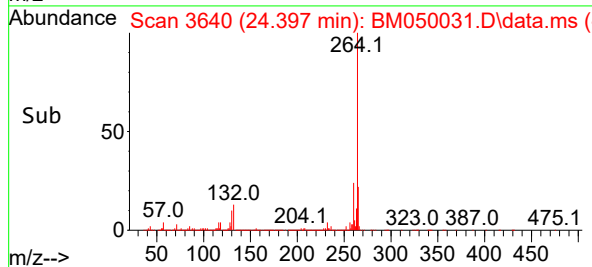
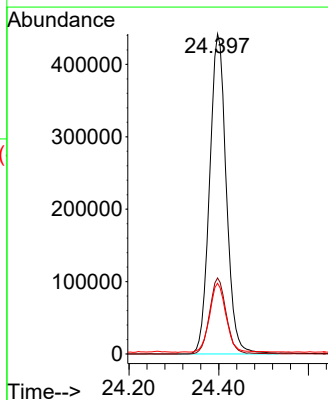
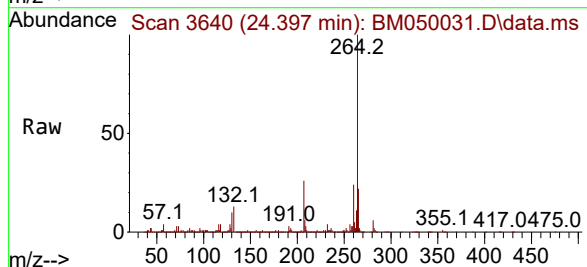
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

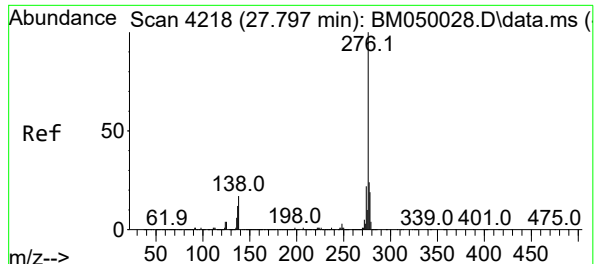
Tgt Ion:149 Resp: 6109632
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.0 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.1 17.0 25.4

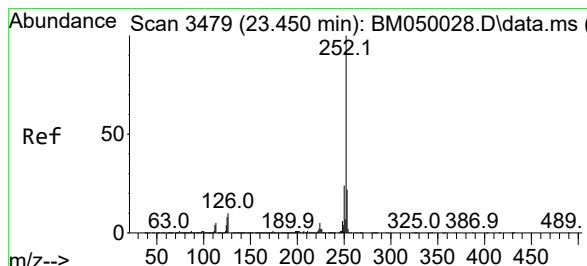
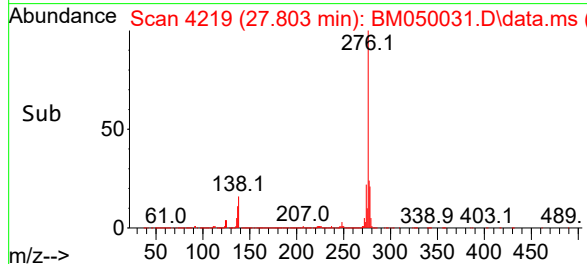
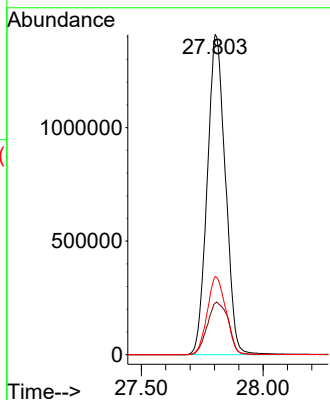
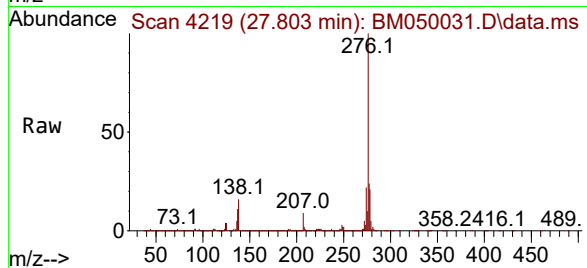




#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

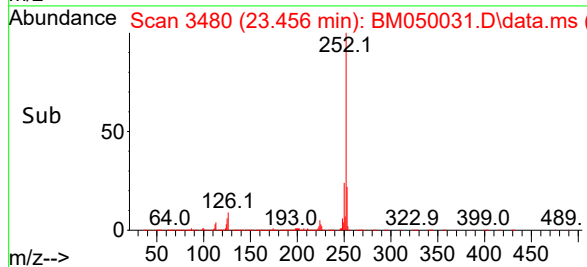
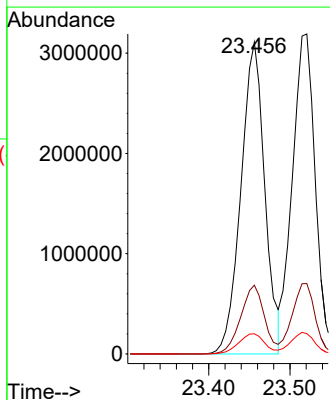
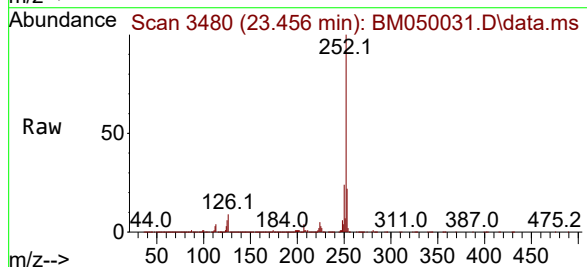
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

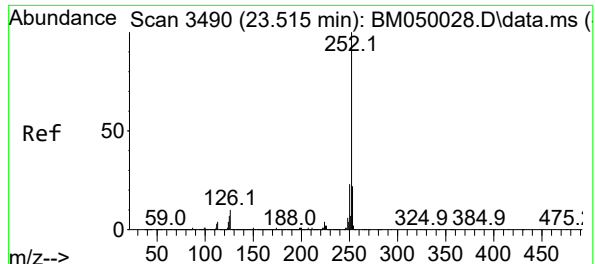
Tgt Ion:276 Resp: 7285836
Ion Ratio Lower Upper
276 100
138 19.2 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 83.396 ng

RT: 23.521 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

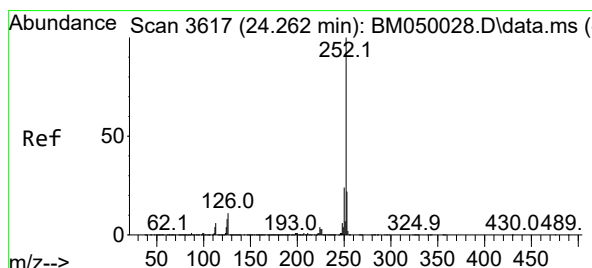
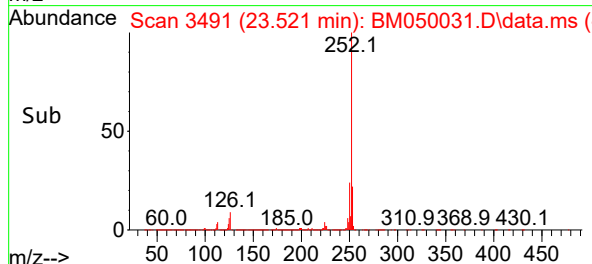
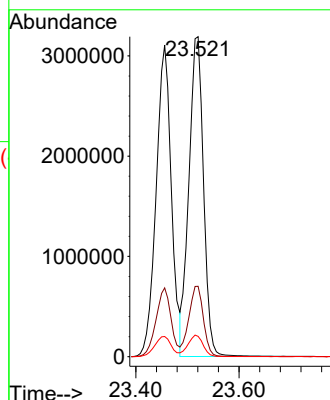
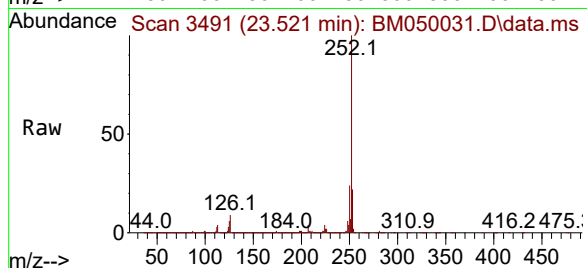
Tgt Ion:252 Resp: 6265924

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 6.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 85.195 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

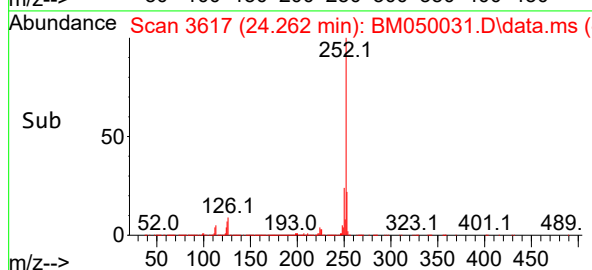
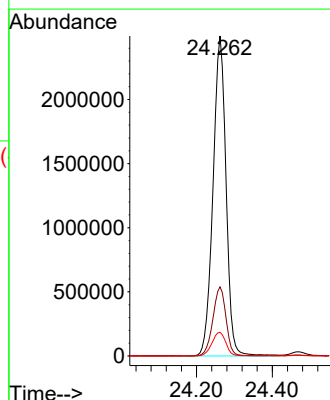
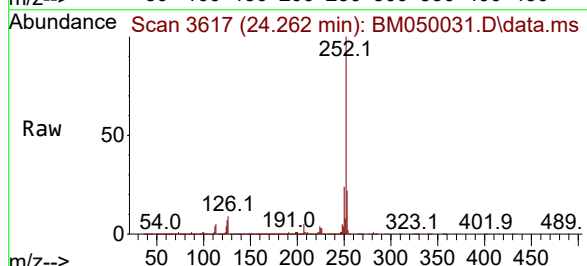
Tgt Ion:252 Resp: 5925652

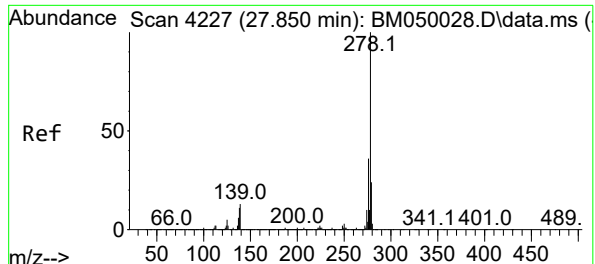
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 86.239 ng

RT: 27.850 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

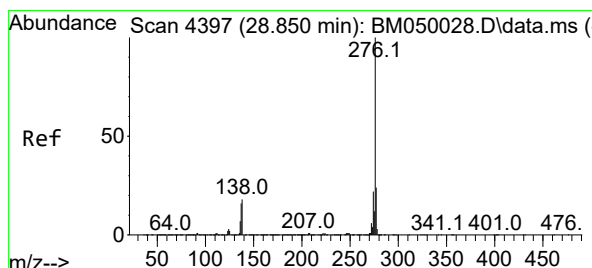
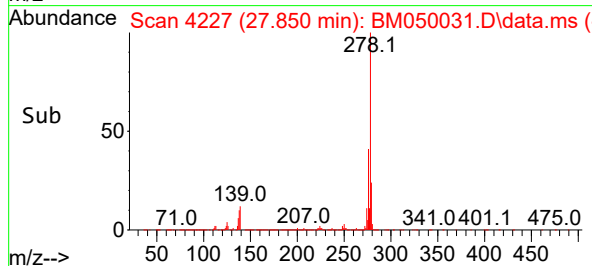
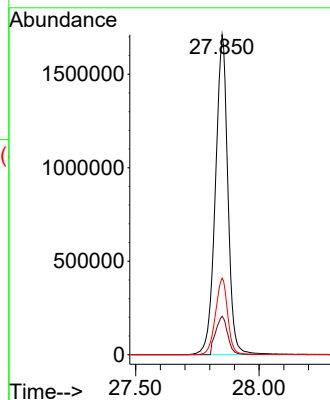
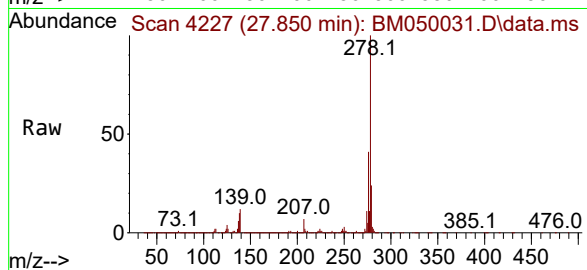
Tgt Ion:278 Resp: 5981478

Ion Ratio Lower Upper

278 100

139 12.0 10.5 15.7

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 83.395 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.012 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

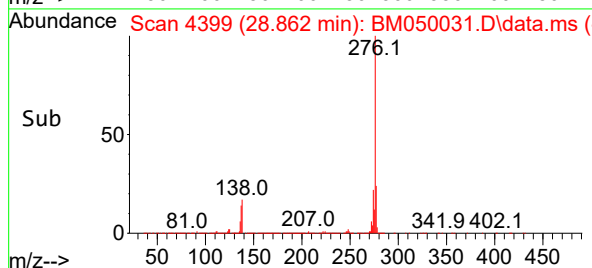
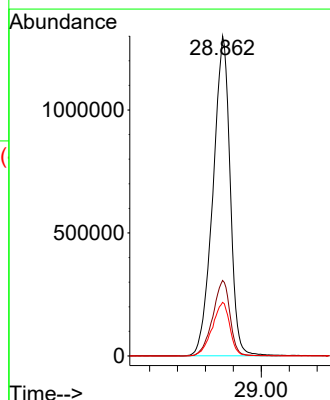
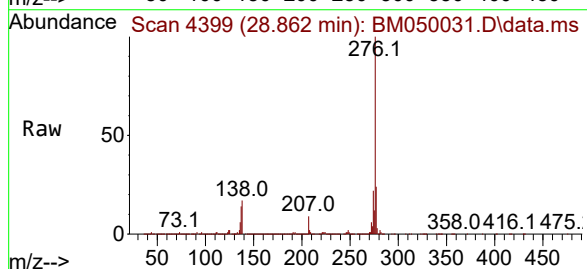
Tgt Ion:276 Resp: 5537637

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 16.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

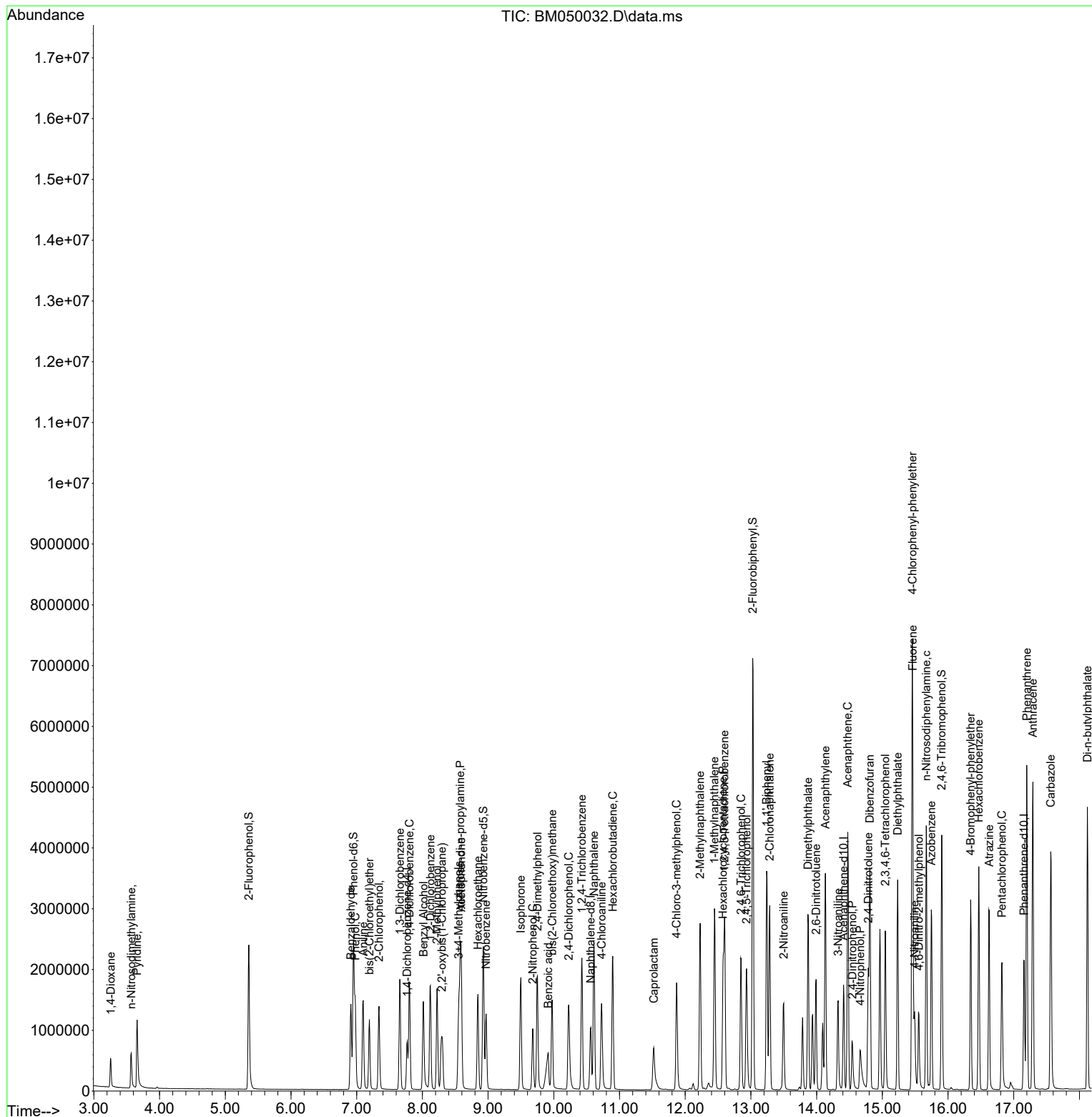
Manual Integrations

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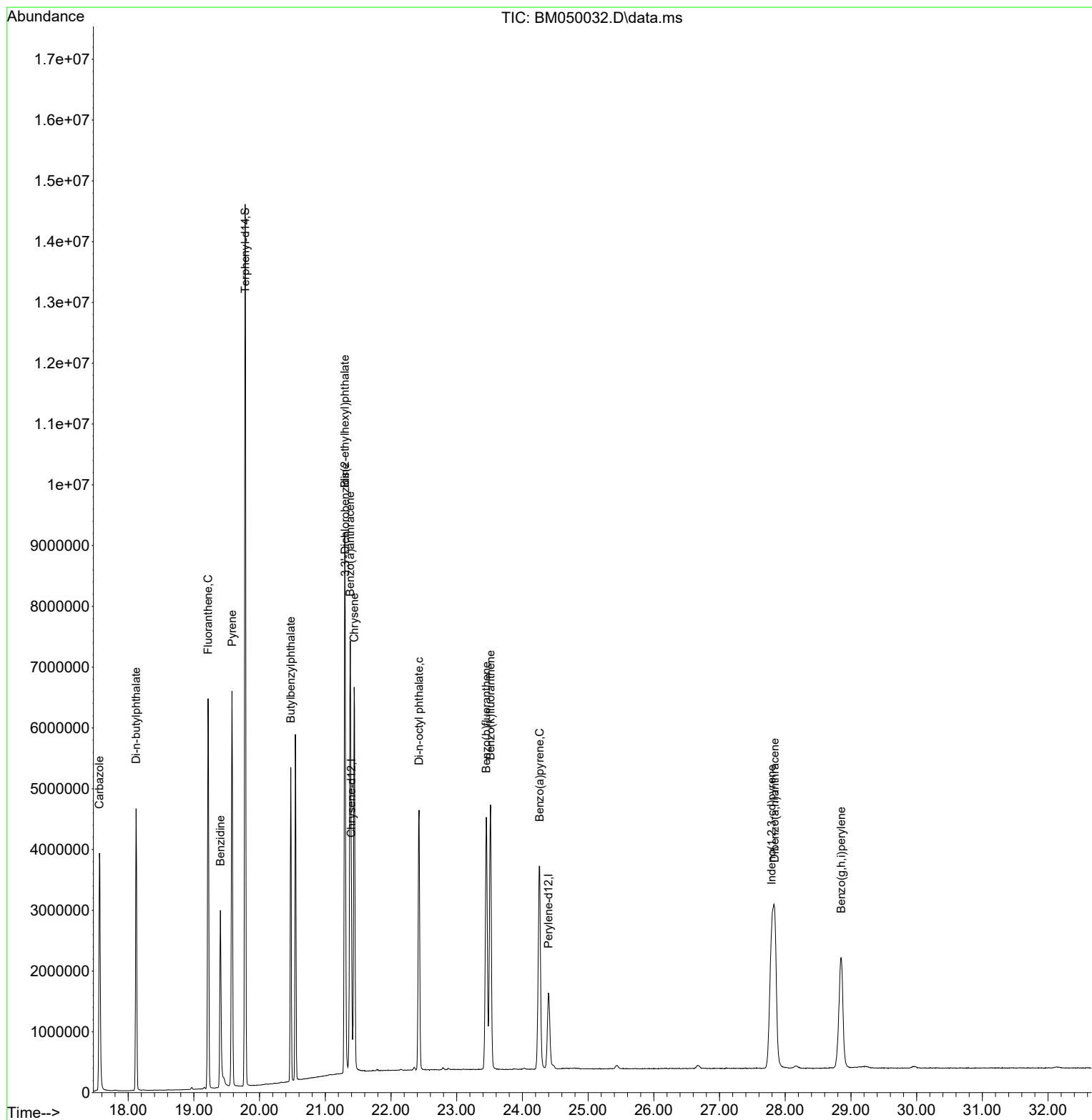
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Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

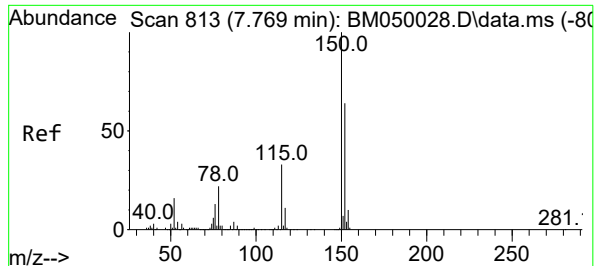
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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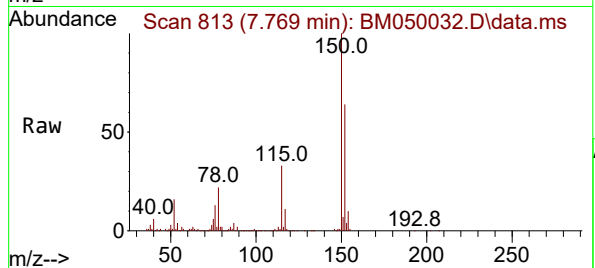
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

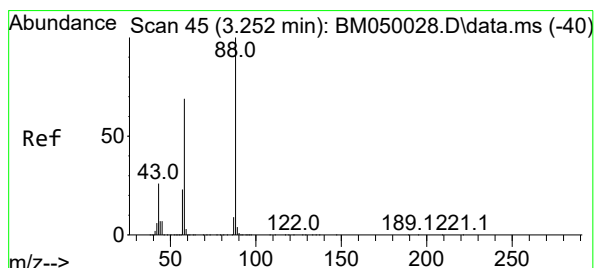
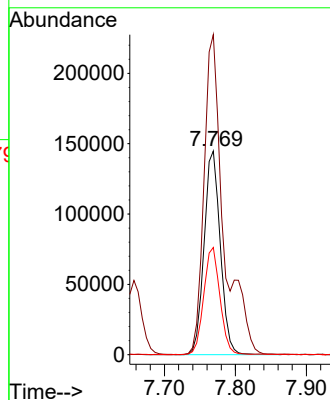
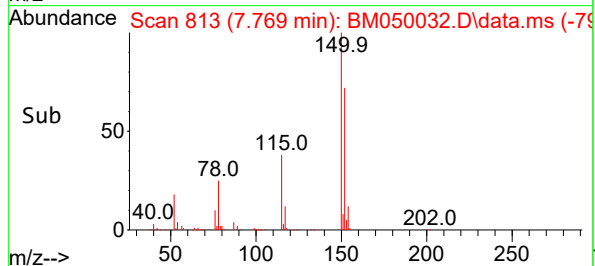
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:152 Resp: 23012
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 52.6 41.2 61.8

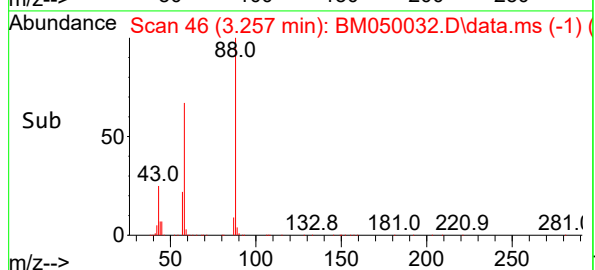
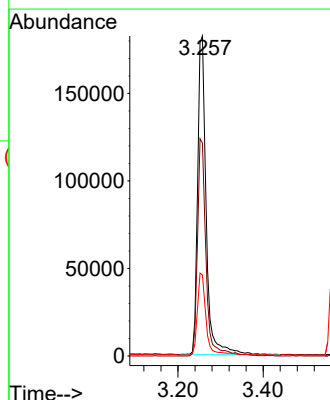
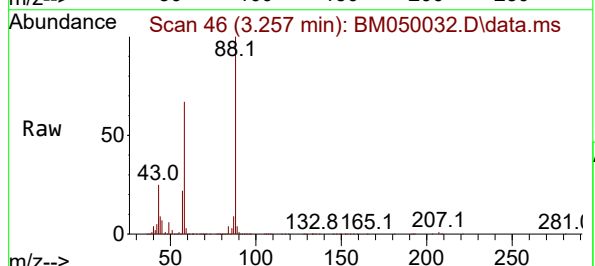
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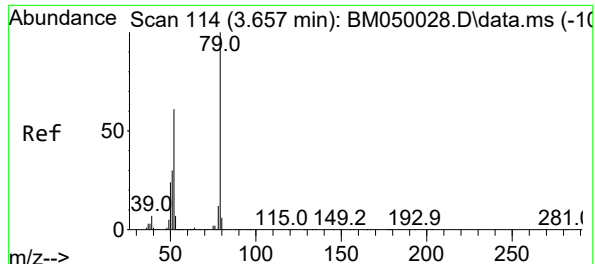
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#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 88 Resp: 253433
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 25.9 20.9 31.3





#3

Pyridine

Concen: 46.534 ng

RT: 3.657 min Scan# 114

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 79 Resp: 67372

Ion Ratio Lower Upper

79 100

52 62.0 48.6 72.8

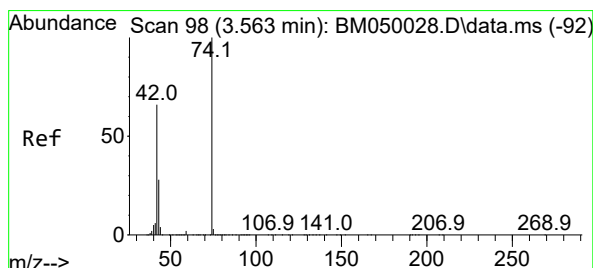
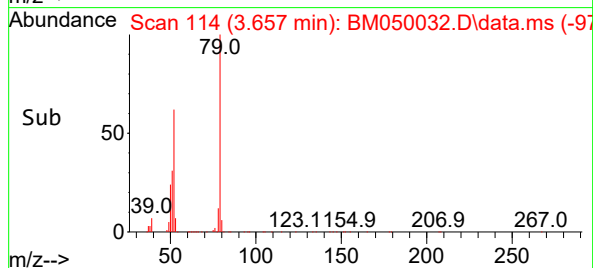
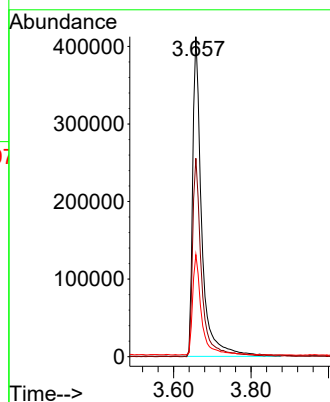
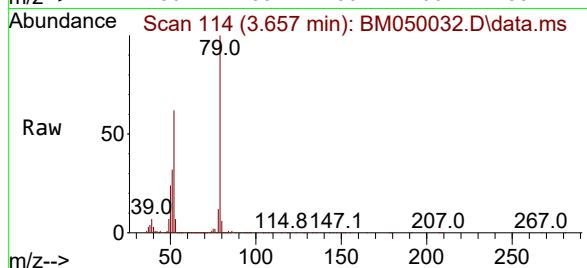
51 31.9 24.6 37.0

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#4

n-Nitrosodimethylamine

Concen: 45.956 ng

RT: 3.569 min Scan# 99

Delta R.T. 0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

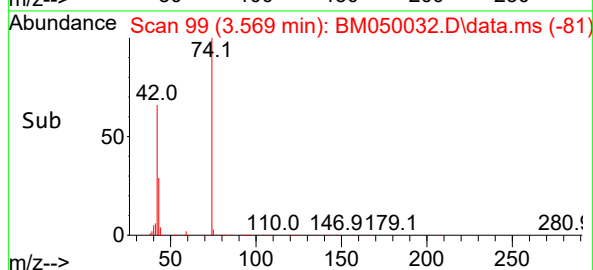
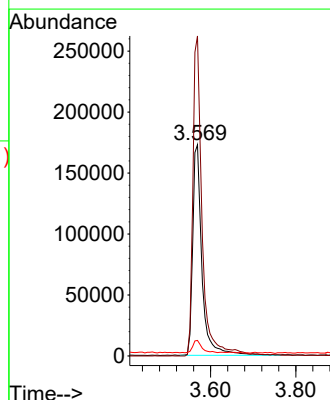
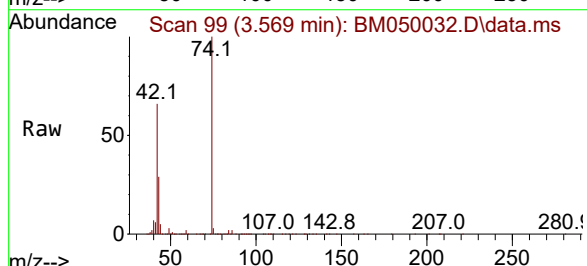
Tgt Ion: 42 Resp: 260951

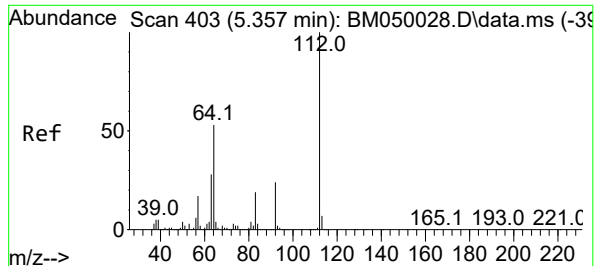
Ion Ratio Lower Upper

42 100

74 151.5 120.2 180.2

44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 87.928 ng

RT: 5.357 min Scan# 403

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:112 Resp: 115555

Ion Ratio Lower Upper

112 100

64 52.4 42.6 64.0

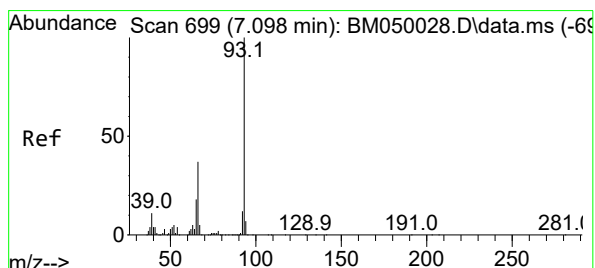
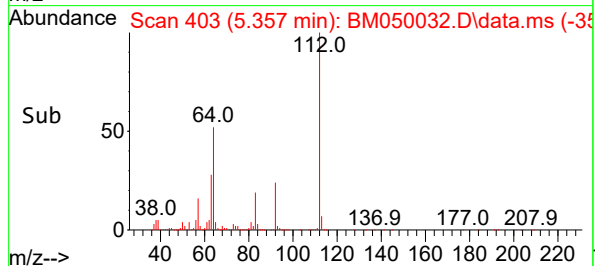
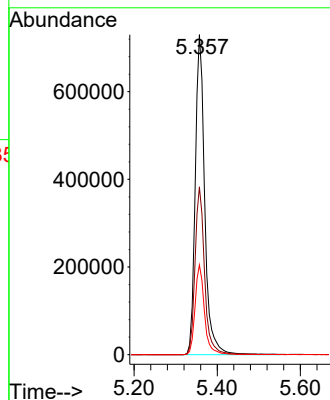
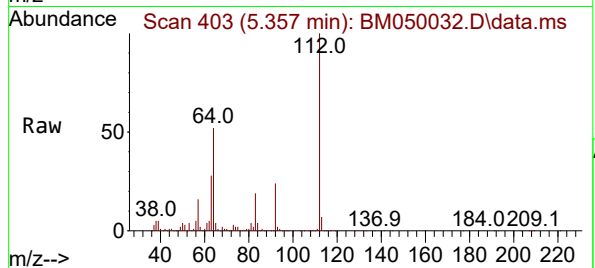
63 28.0 22.2 33.4

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#6

Aniline

Concen: 46.744 ng

RT: 7.098 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

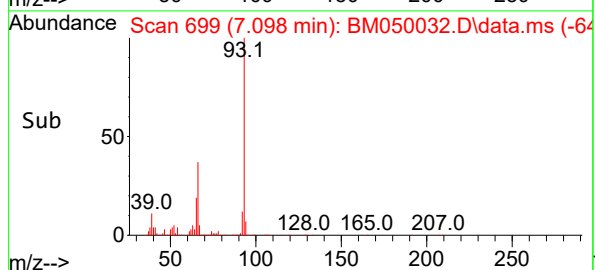
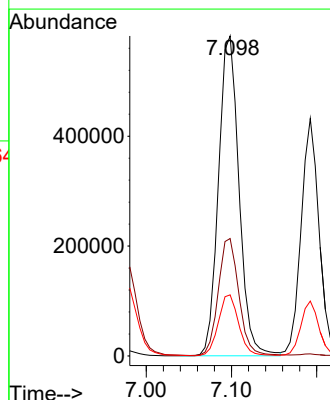
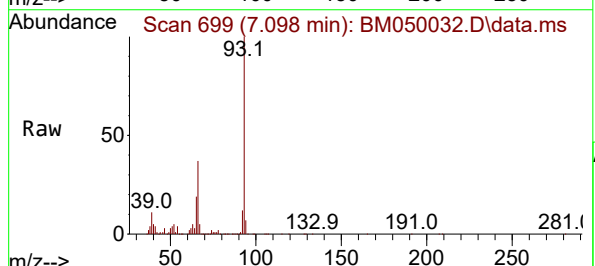
Tgt Ion: 93 Resp: 974989

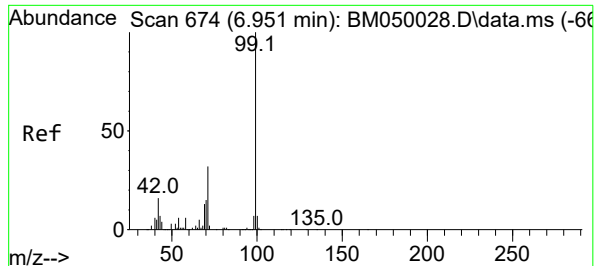
Ion Ratio Lower Upper

93 100

66 36.7 29.9 44.9

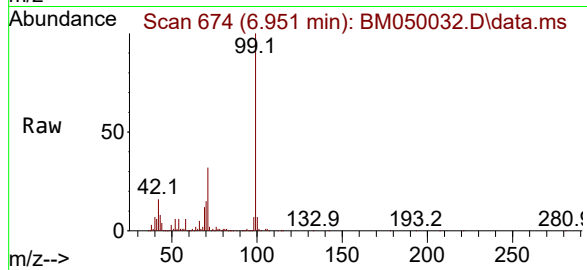
65 19.1 14.5 21.7





#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

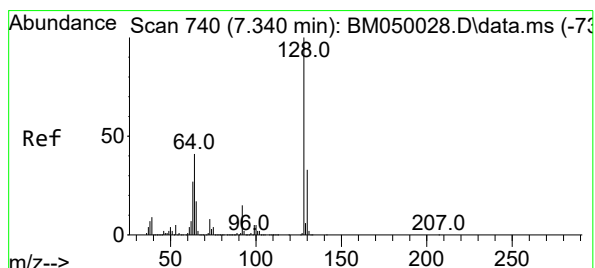
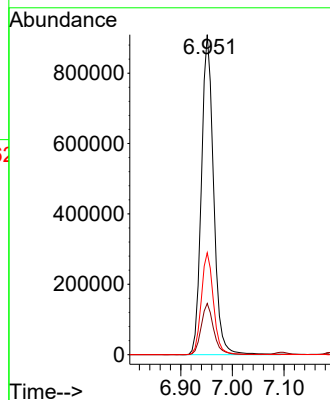
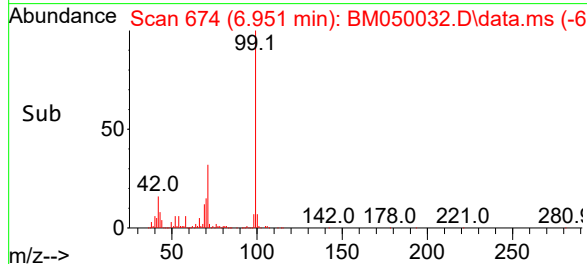
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 99 Resp: 1488919
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 31.9 25.6 38.4

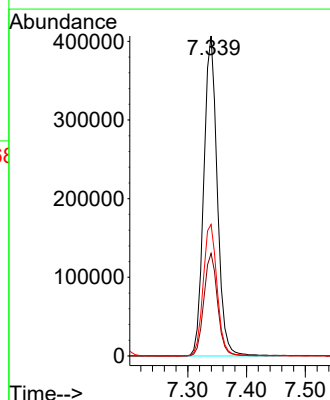
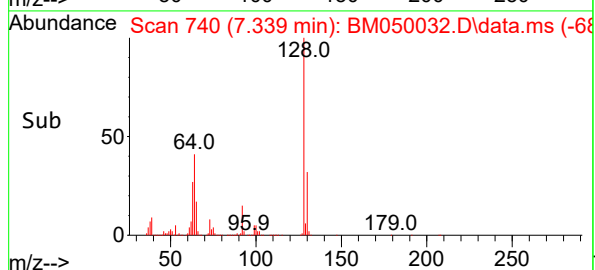
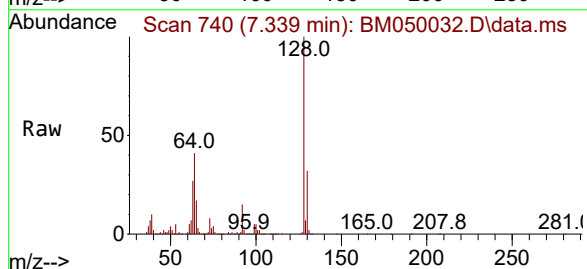
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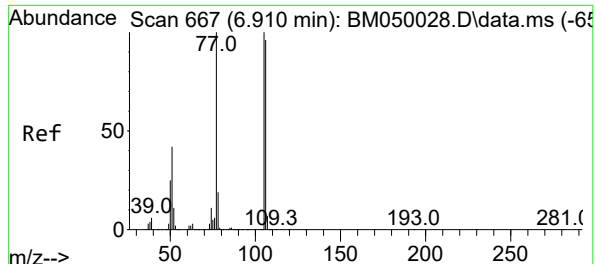
Reviewed By :Rahul Chavli 04/29/2025
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#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

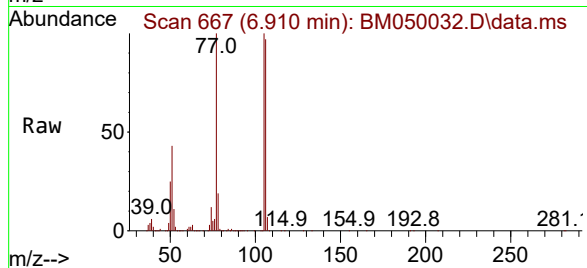
Tgt Ion:128 Resp: 649705
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 41.1 21.2 61.2





#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

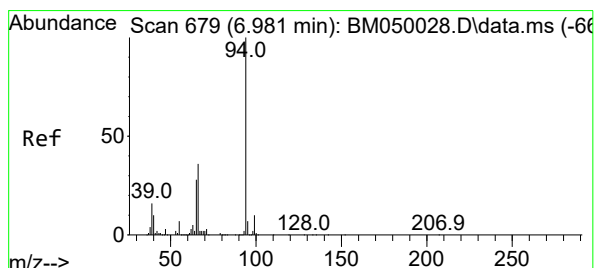
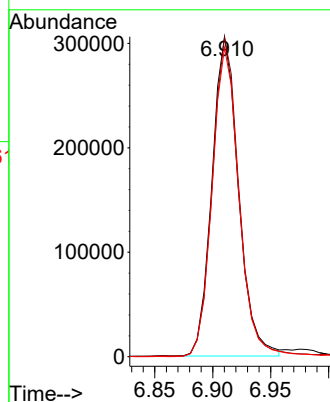
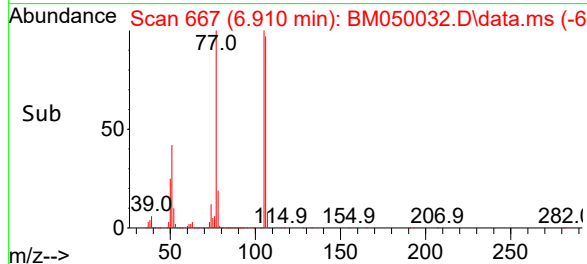
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 48567
Ion Ratio Lower Upper
77 100
105 99.8 80.5 120.5
106 96.6 76.1 116.1

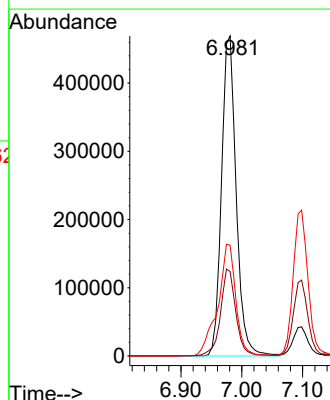
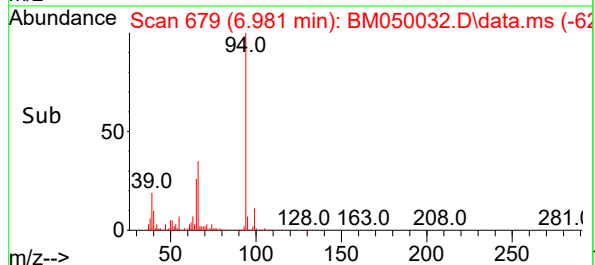
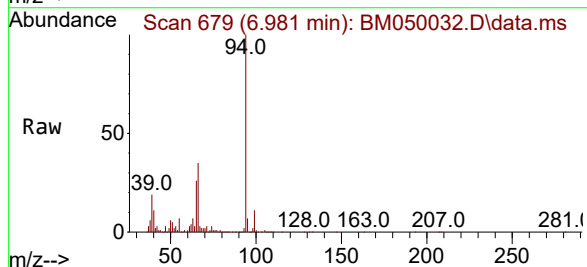
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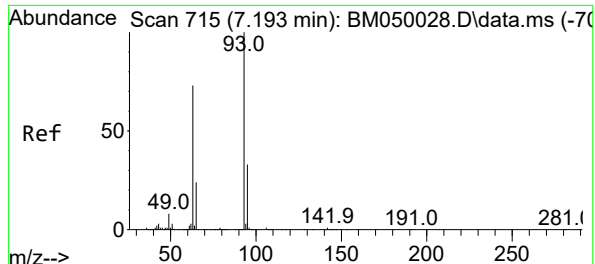
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#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469
Ion Ratio Lower Upper
94 100
65 26.4 7.6 47.6
66 34.6 15.8 55.8





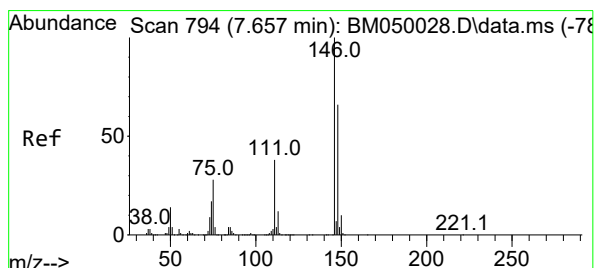
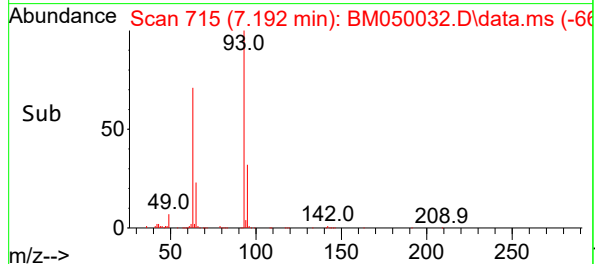
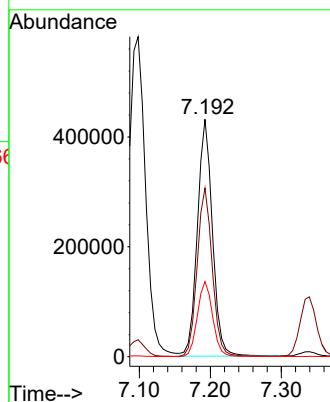
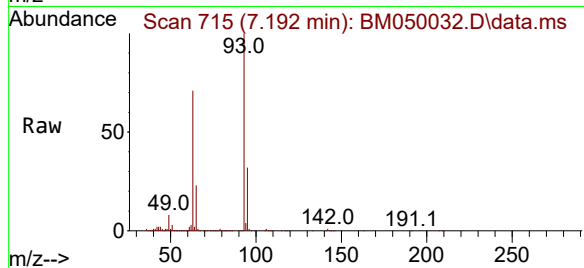
#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion: 93 Resp: 63560
Ion Ratio Lower Upper
93 100
63 71.0 52.3 92.3
95 31.6 12.8 52.8

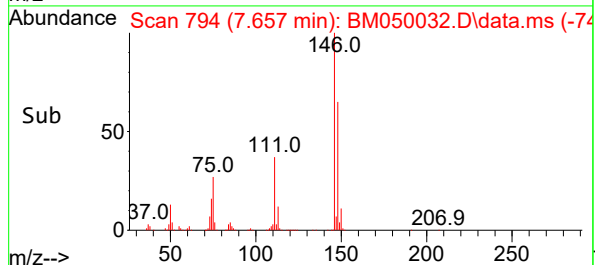
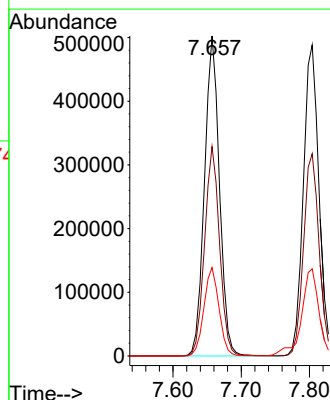
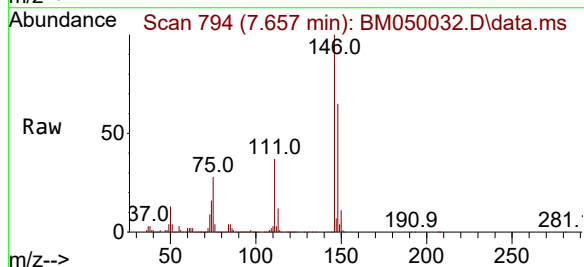
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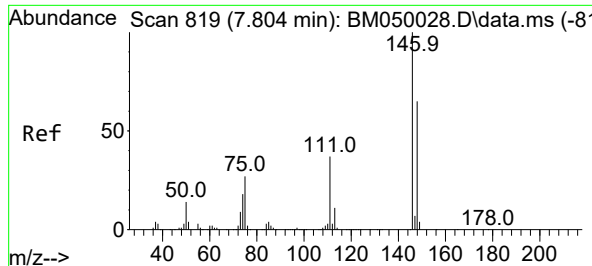
Reviewed By :Rahul Chavli 04/29/2025
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#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.6 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 44.941 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

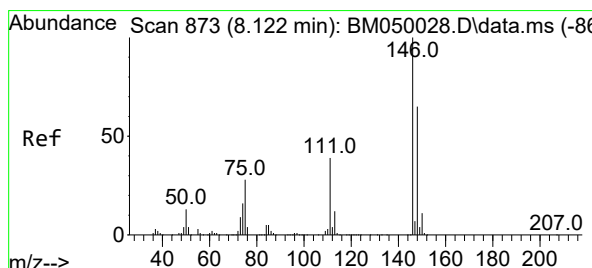
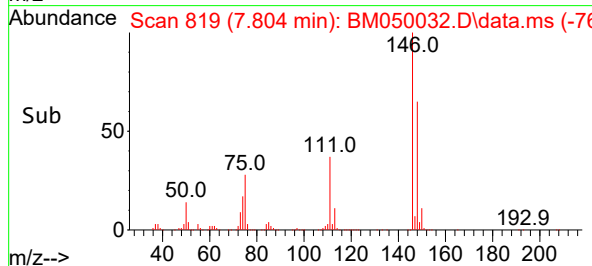
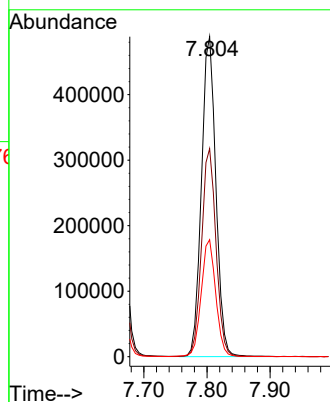
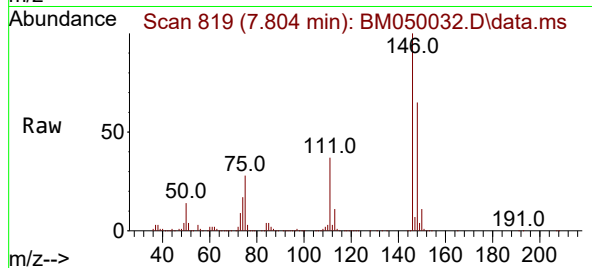
ICVBM042825

Tgt Ion	146	Resp	774954
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 45.174 ng

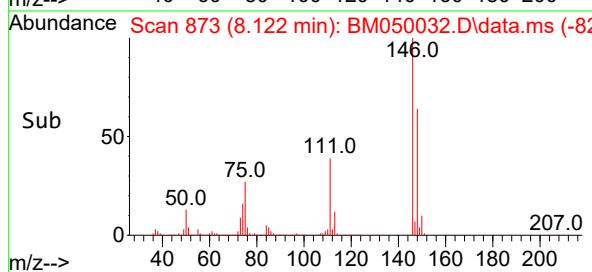
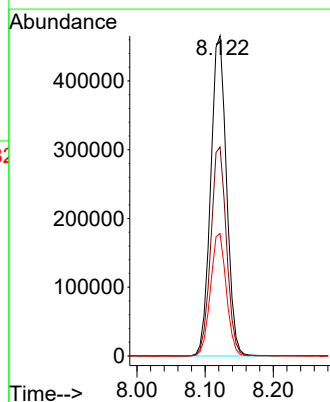
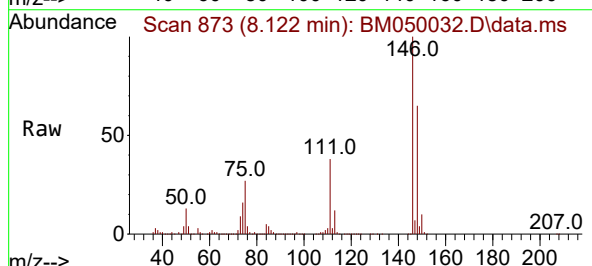
RT: 8.122 min Scan# 873

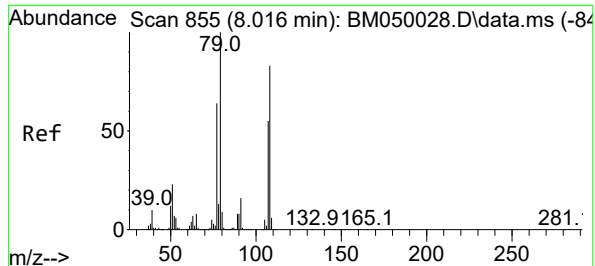
Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion	146	Resp	752460
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15

Benzyl Alcohol

Concen: 48.167 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 79 Resp: 55175

Ion Ratio Lower Upper

79 100

108 79.4 66.0 99.0

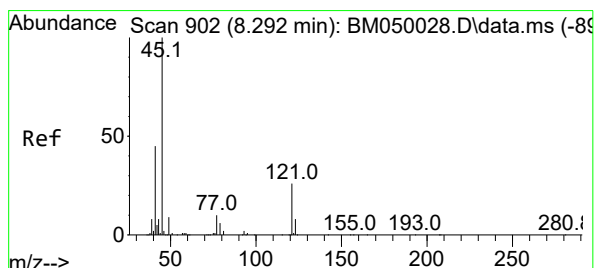
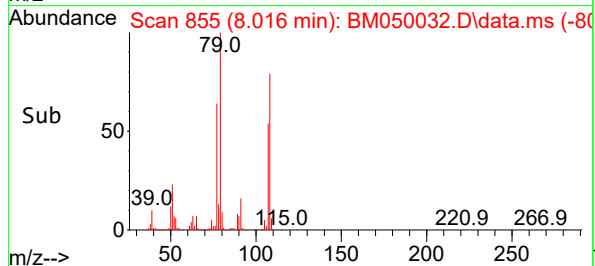
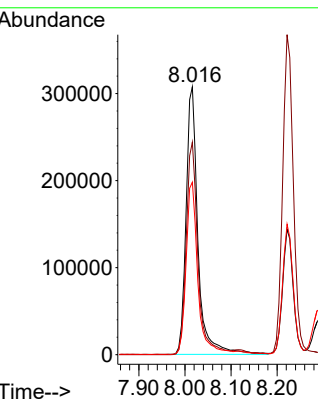
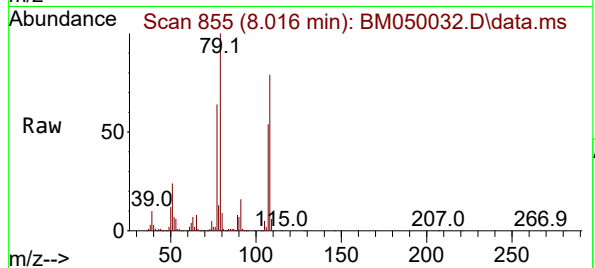
77 64.4 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.929 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

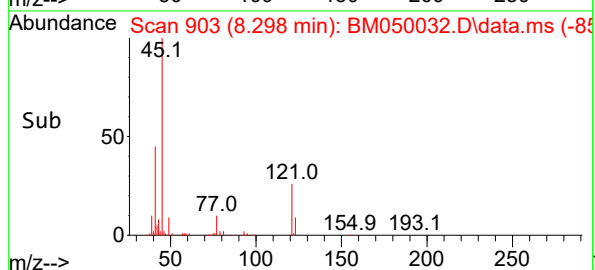
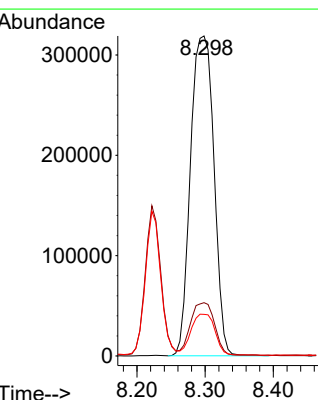
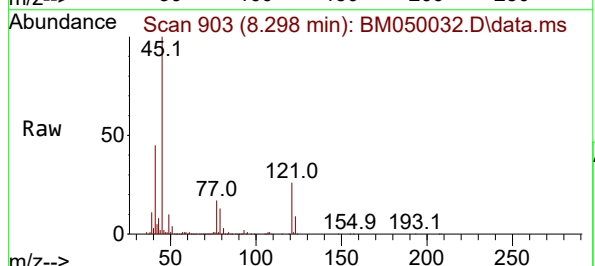
Tgt Ion: 45 Resp: 762583

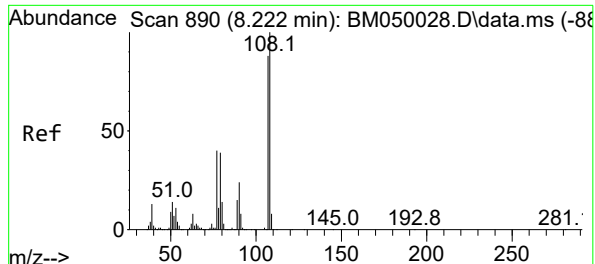
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 47.153 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:107 Resp: 519420

Ion Ratio Lower Upper

107 100

108 114.1 91.1 136.7

77 46.5 36.2 54.4

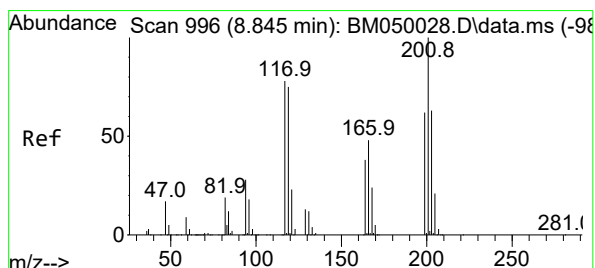
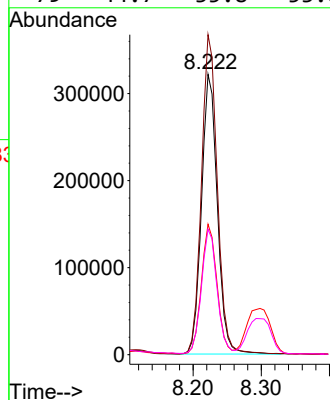
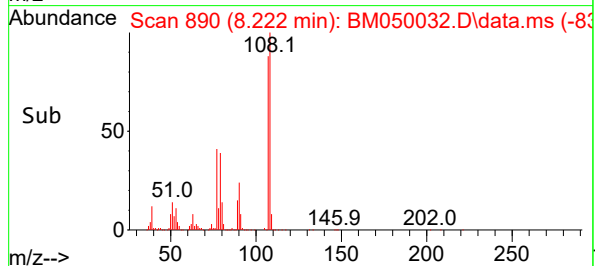
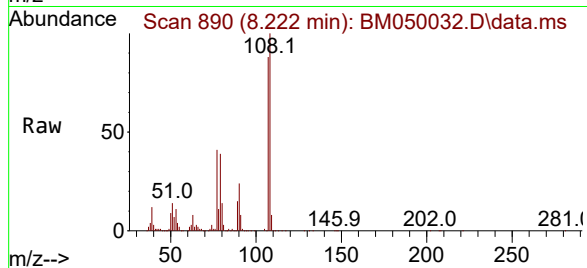
79 44.7 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 44.738 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

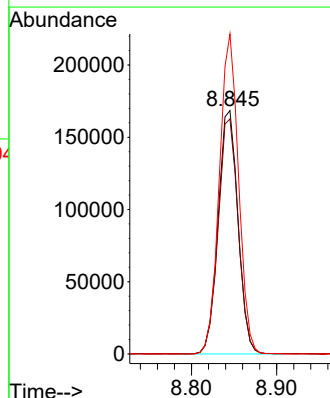
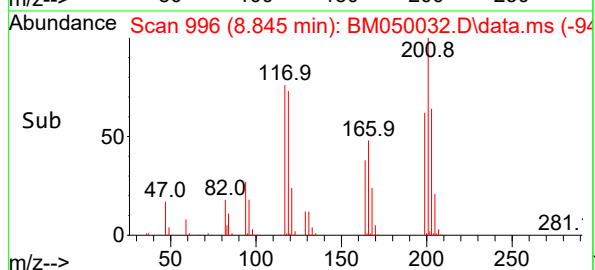
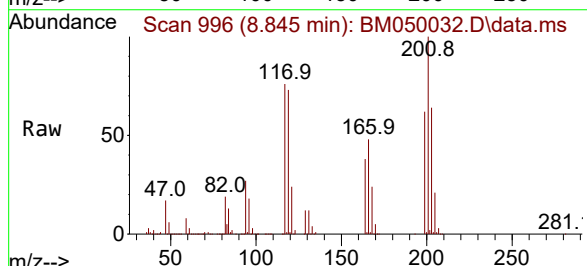
Tgt Ion:117 Resp: 274239

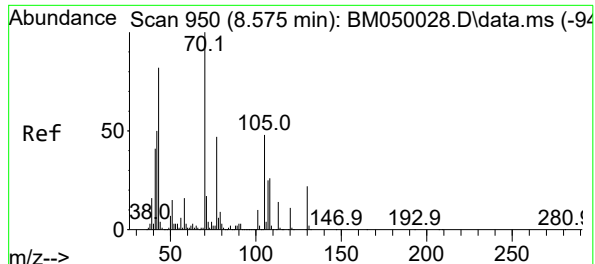
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

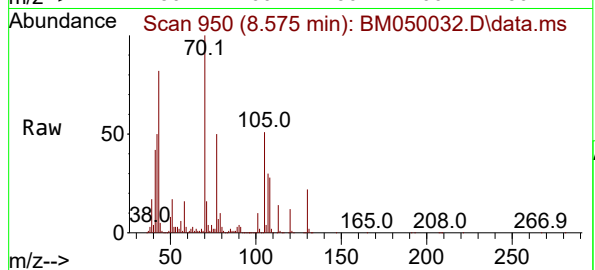
201 131.4 102.8 154.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.892 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

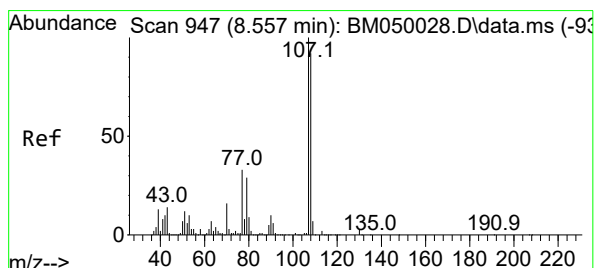
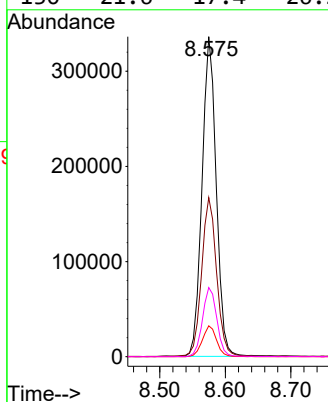
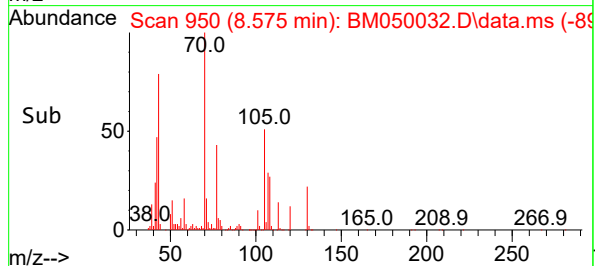
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 70 Resp: 507362
Ion Ratio Lower Upper
70 100
42 49.7 40.5 60.7
101 9.7 7.8 11.6
130 21.6 17.4 26.2

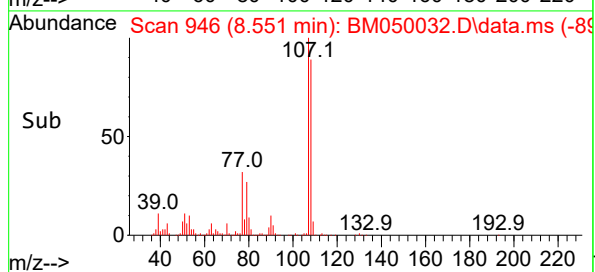
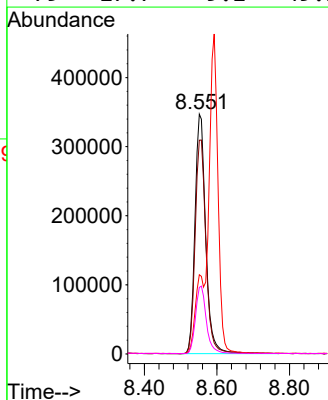
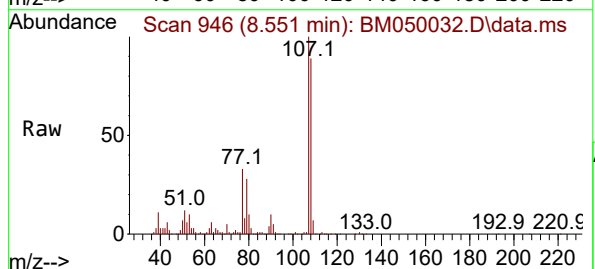
Manual Integrations
APPROVED

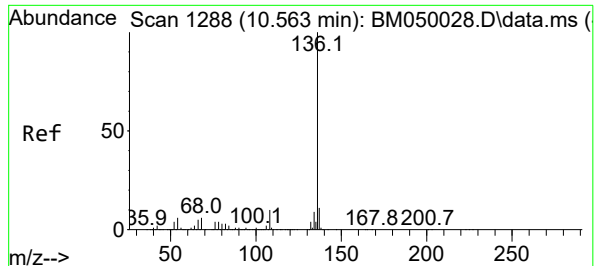
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#20
3+4-Methylphenols
Concen: 47.974 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

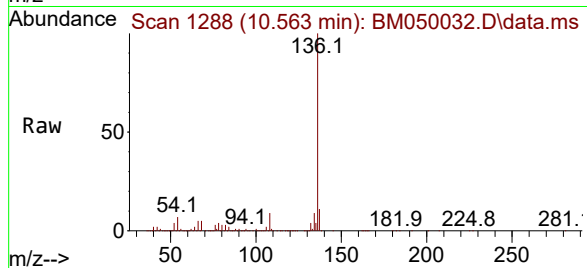
Tgt Ion:107 Resp: 713683
Ion Ratio Lower Upper
107 100
108 89.1 72.4 112.4
77 33.0 13.6 53.6
79 27.7 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

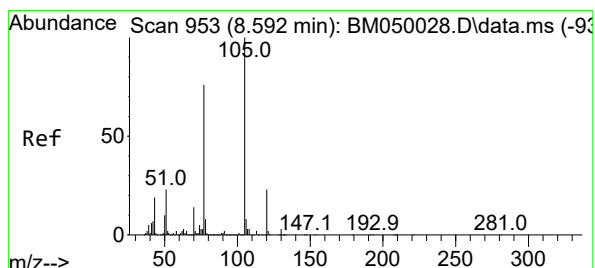
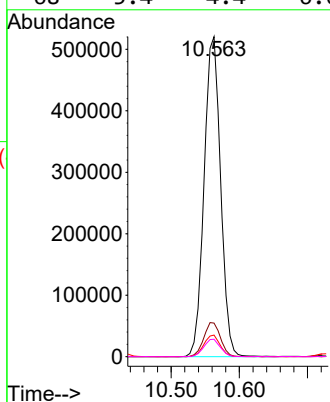
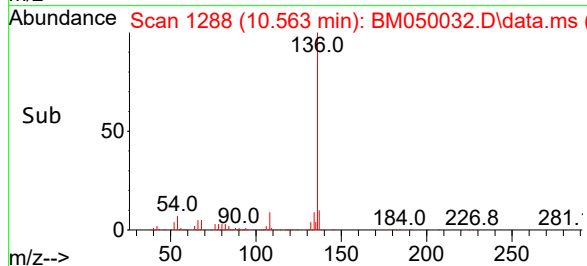
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:136 Resp: 877692
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.7 5.1 7.7
68 5.4 4.4 6.6

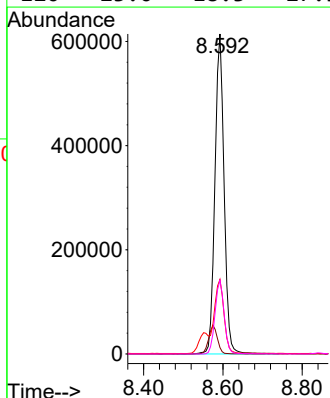
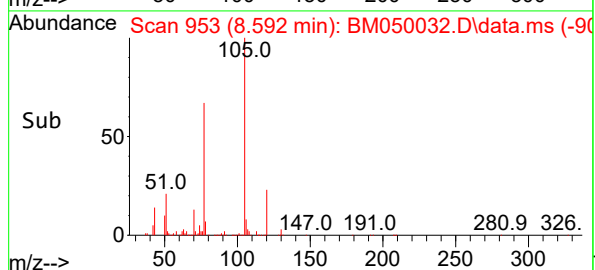
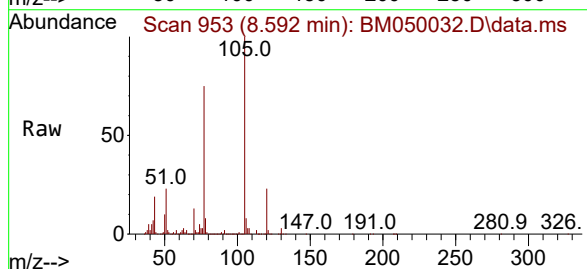
Manual Integrations
APPROVED

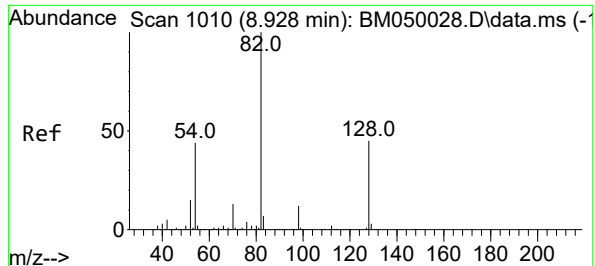
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275
Ion Ratio Lower Upper
105 100
71 2.0 1.7 2.5
51 23.3 18.6 27.8
120 23.0 18.3 27.5





#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

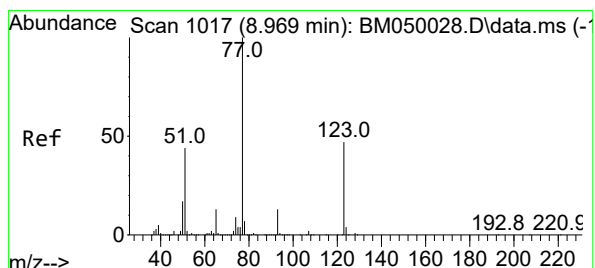
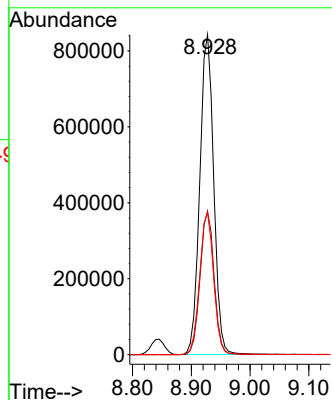
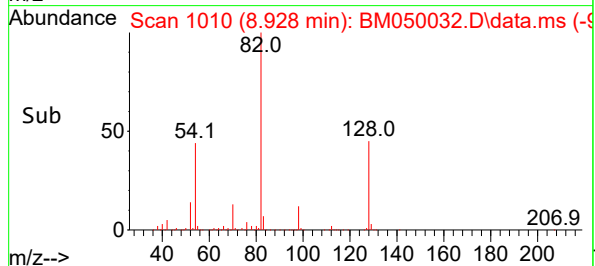
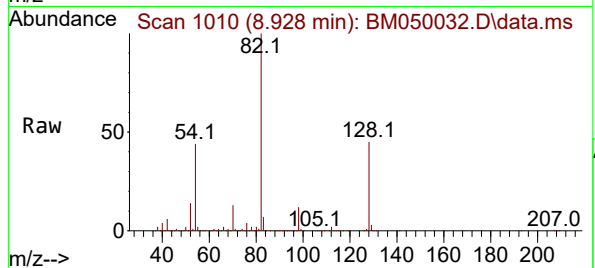
ClientSampleId :

ICVBM042825

Tgt Ion: 82 Resp: 138570
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 44.4 35.4 53.2

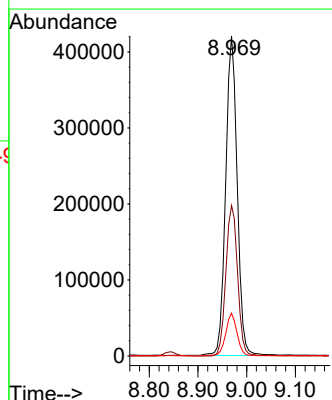
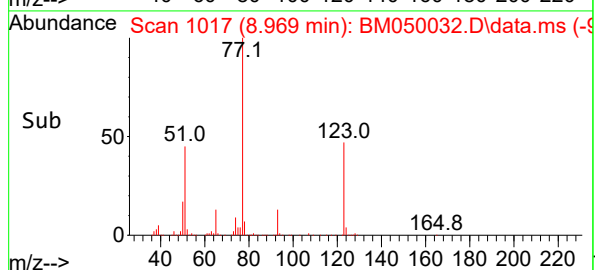
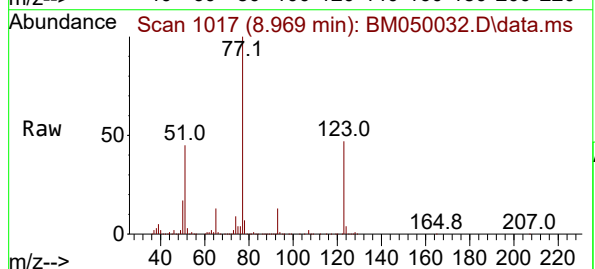
Manual Integrations
APPROVED

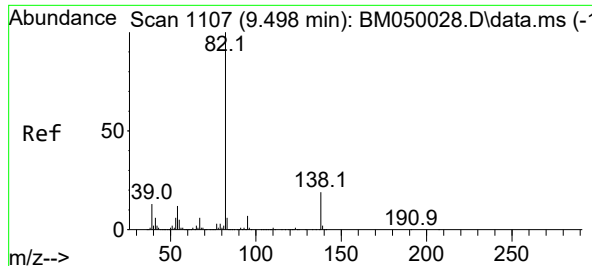
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

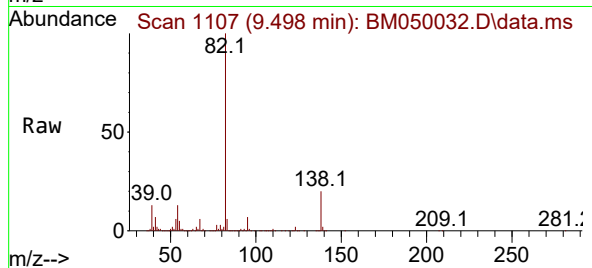
Tgt Ion: 77 Resp: 694640
Ion Ratio Lower Upper
77 100
123 47.1 37.9 56.9
65 13.3 10.1 15.1





#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

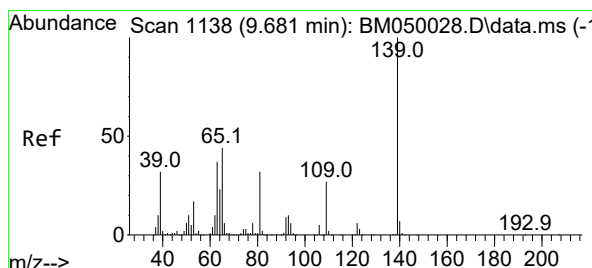
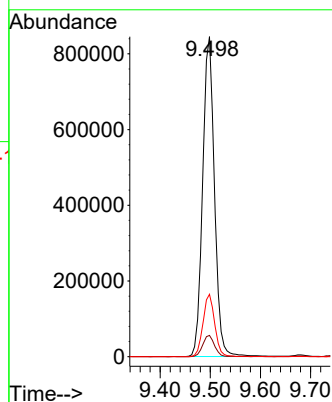
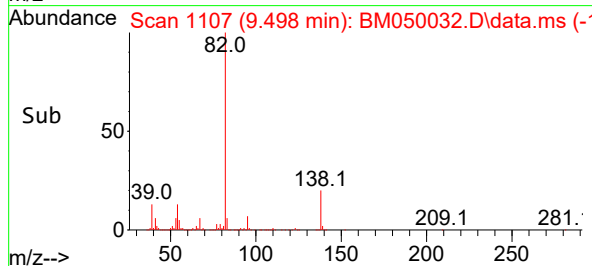
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 82 Resp: 1384372
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 19.5 15.5 23.3

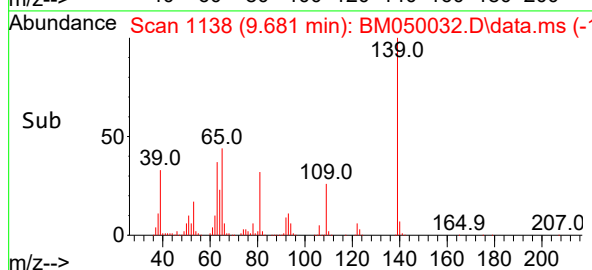
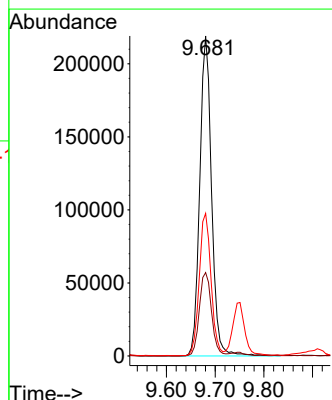
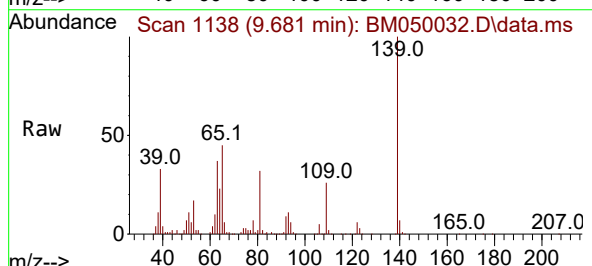
Manual Integrations
APPROVED

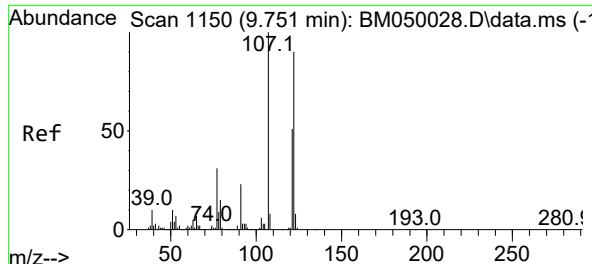
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

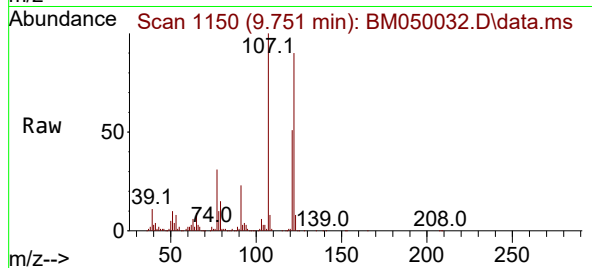
Tgt Ion:139 Resp: 370477
Ion Ratio Lower Upper
139 100
109 26.1 21.9 32.9
65 44.5 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

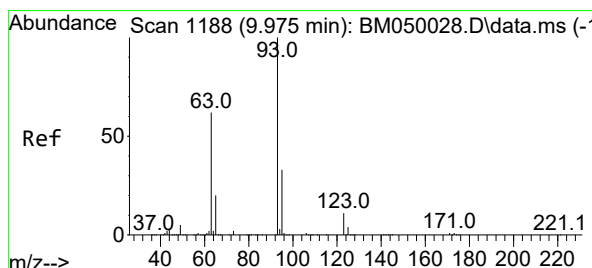
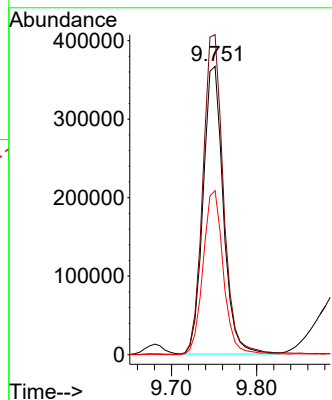
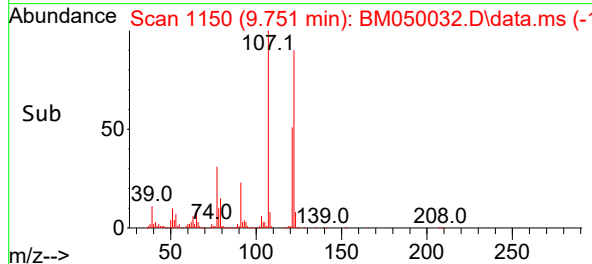
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:122 Resp: 605475
Ion Ratio Lower Upper
122 100
107 111.0 89.0 133.6
121 56.9 45.6 68.4

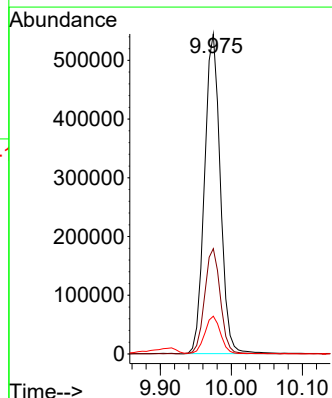
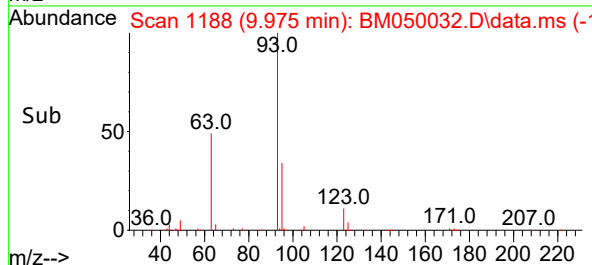
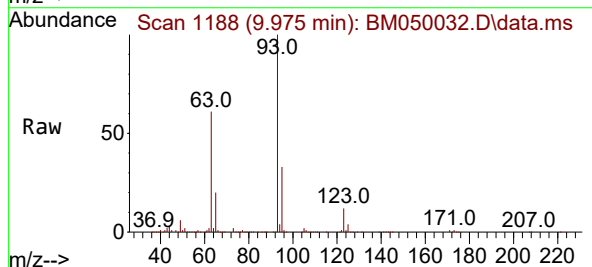
Manual Integrations
APPROVED

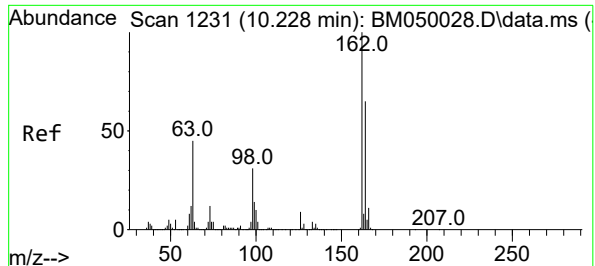
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

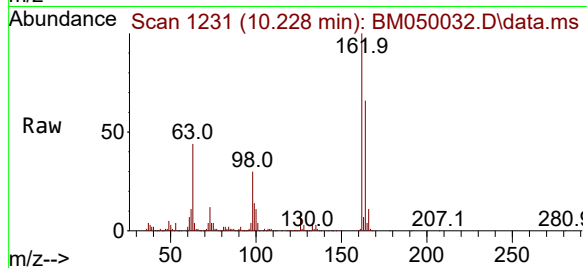
Tgt Ion: 93 Resp: 842968
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.8 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

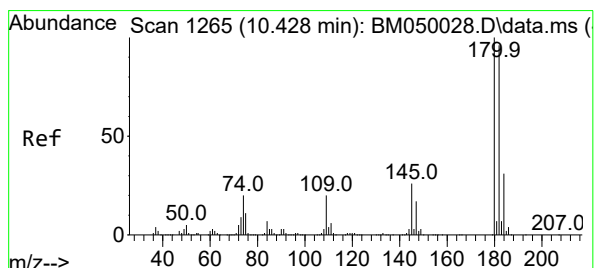
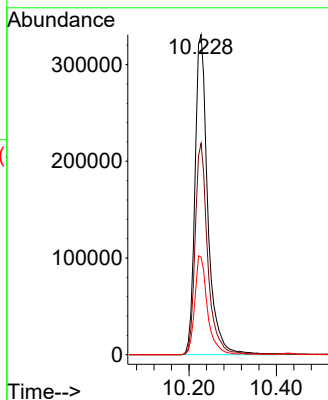
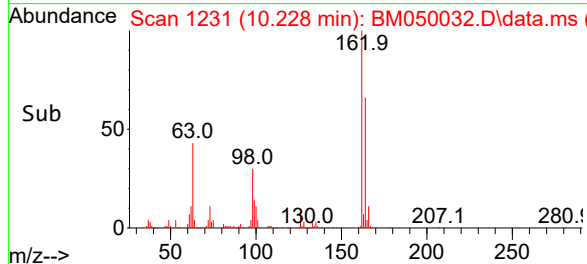
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



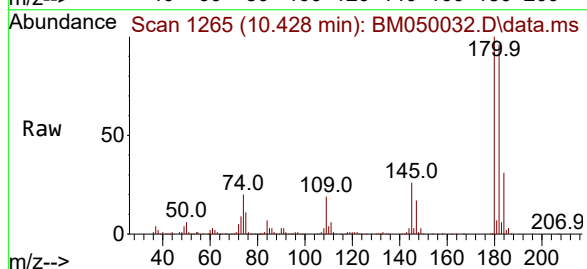
Tgt Ion:162 Resp: 677885
Ion Ratio Lower Upper
162 100
164 66.0 45.4 85.4
98 30.5 11.3 51.3

Manual Integrations
APPROVED

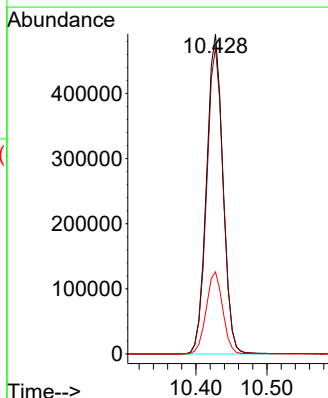
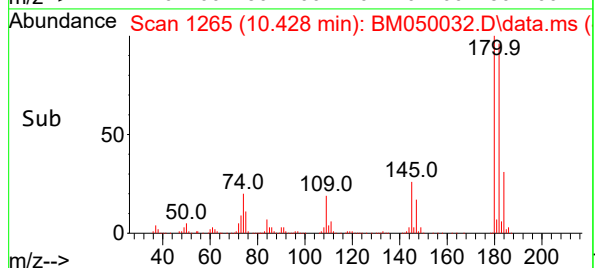
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

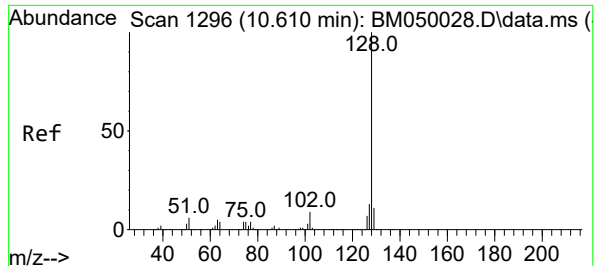


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



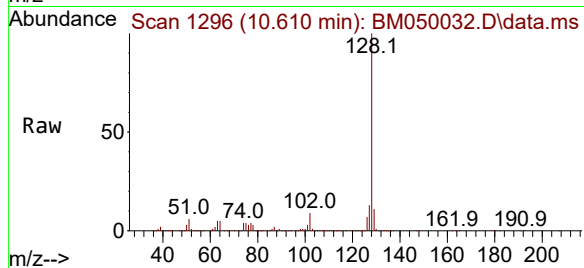
Tgt Ion:180 Resp: 789816
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 25.7 20.6 30.8





#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

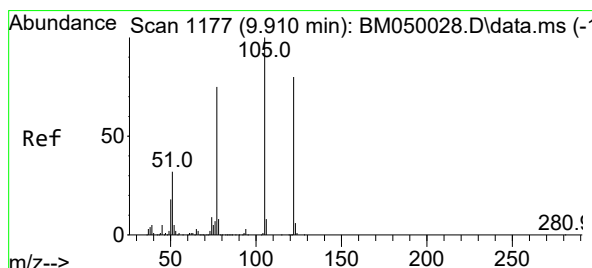
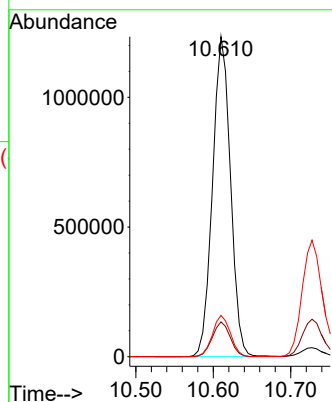
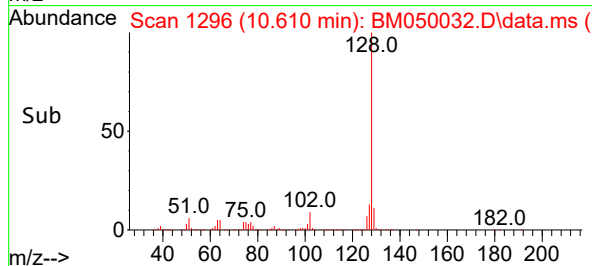
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:128 Resp: 1984698
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.4 15.6

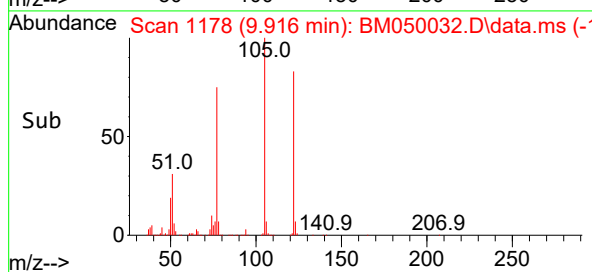
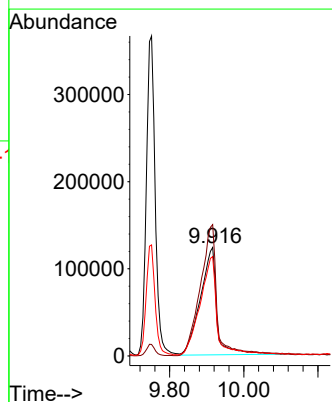
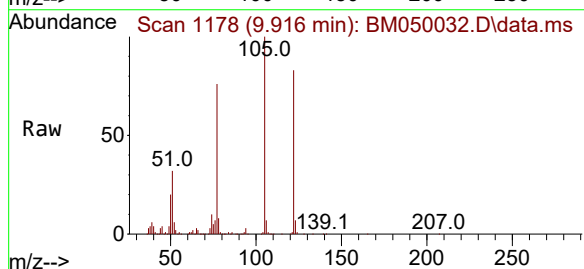
Manual Integrations
APPROVED

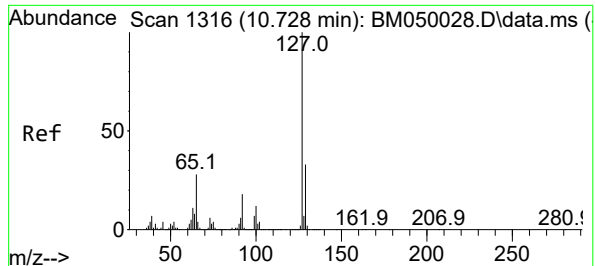
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

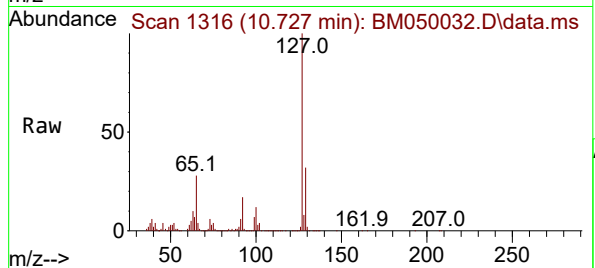
Tgt Ion:122 Resp: 384400
Ion Ratio Lower Upper
122 100
105 121.1 103.6 143.6
77 91.7 73.7 113.7





#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

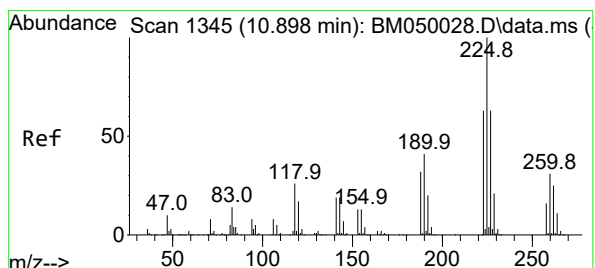
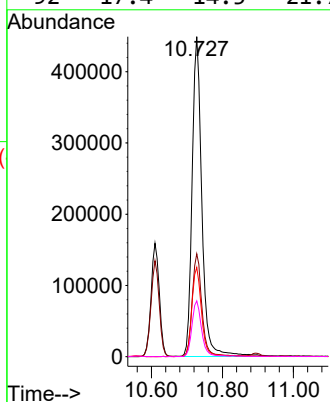
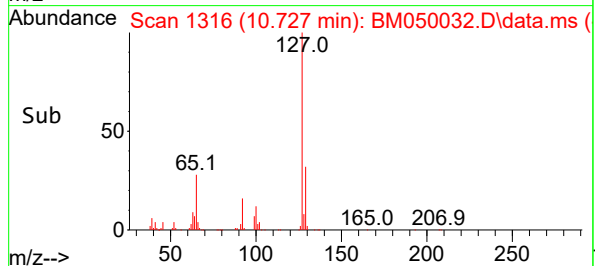
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



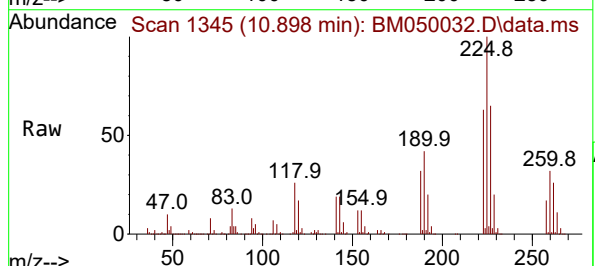
Tgt Ion:127 Resp: 86311
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 27.9 22.5 33.7
92 17.4 14.5 21.7

Manual Integrations
APPROVED

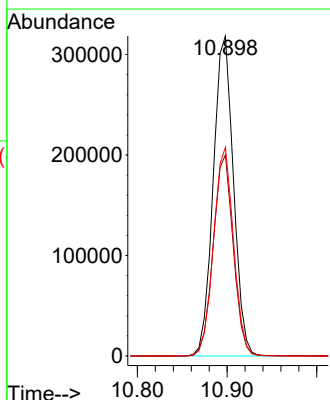
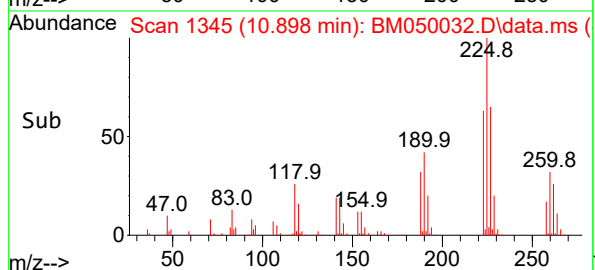
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

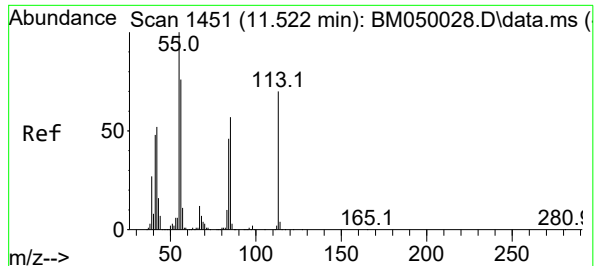


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



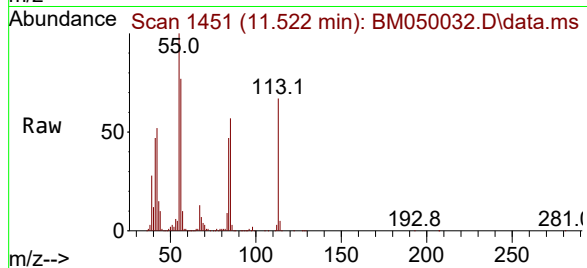
Tgt Ion:225 Resp: 497792
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.2
227 65.2 50.6 76.0





#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

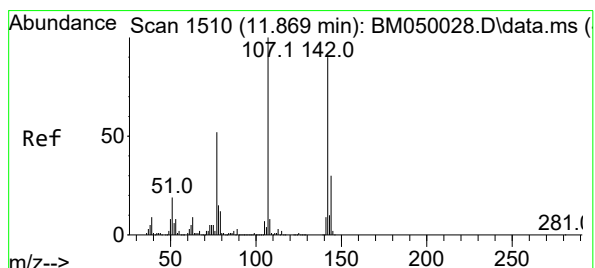
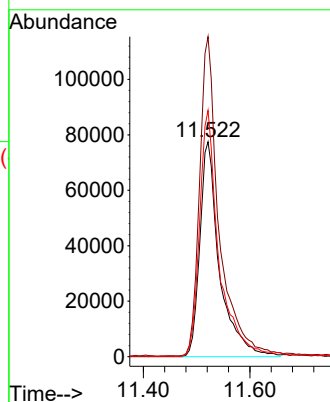
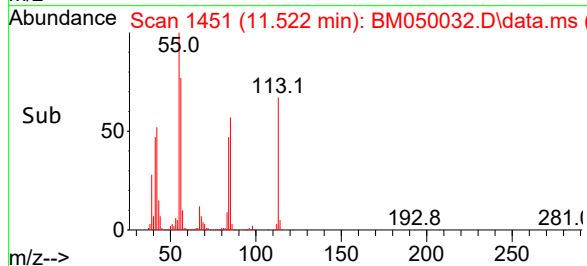
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:113 Resp: 198108
Ion Ratio Lower Upper
113 100
55 148.9 122.9 162.9
56 114.6 88.1 128.1

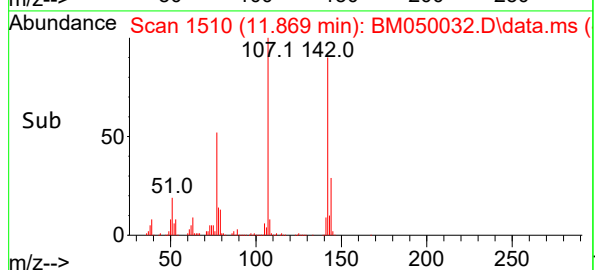
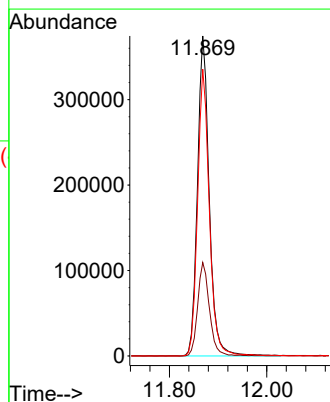
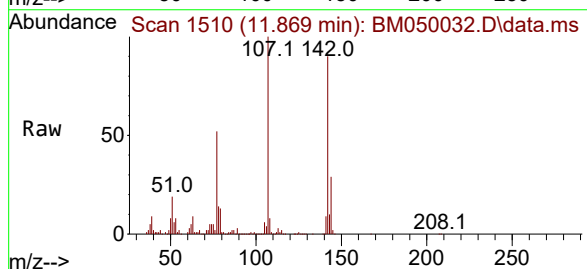
Manual Integrations
APPROVED

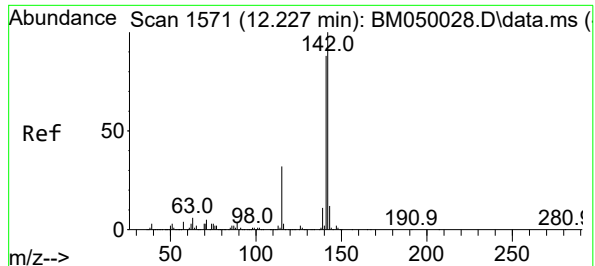
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

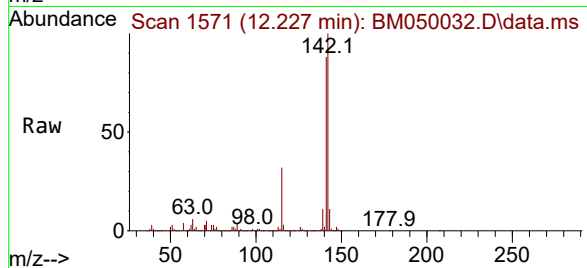
Tgt Ion:107 Resp: 632365
Ion Ratio Lower Upper
107 100
144 29.2 23.8 35.6
142 89.6 71.9 107.9





#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

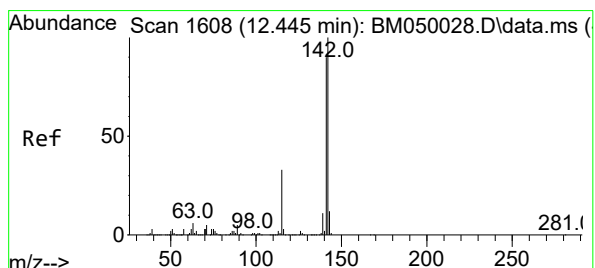
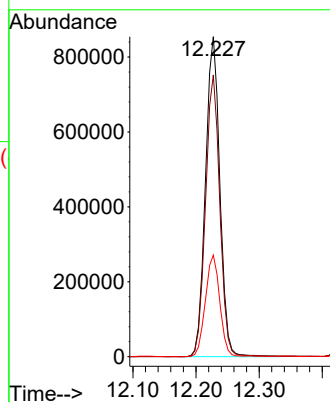
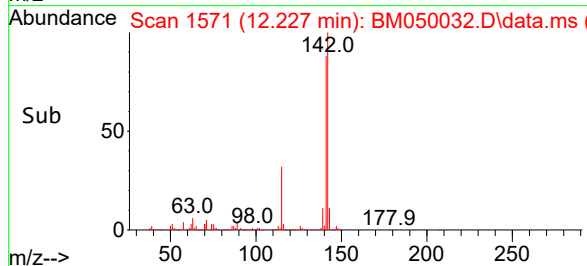
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:142 Resp: 1352170
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2

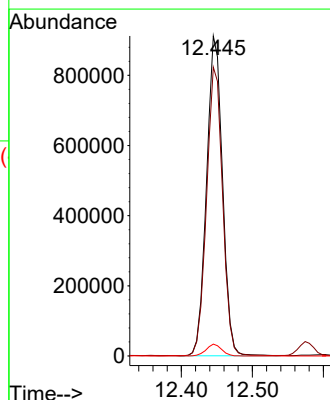
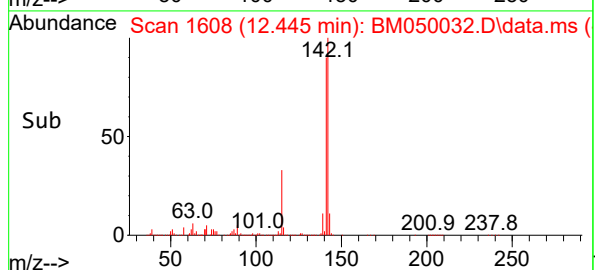
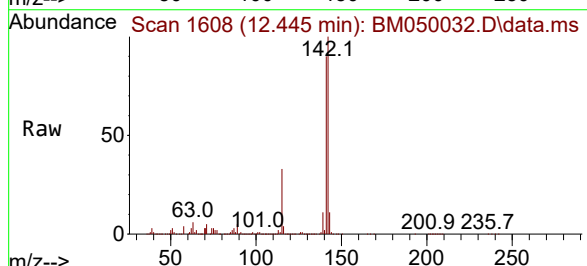
Manual Integrations
APPROVED

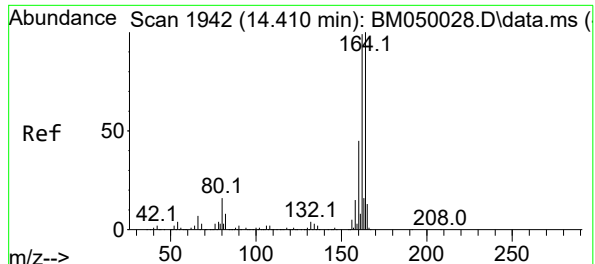
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

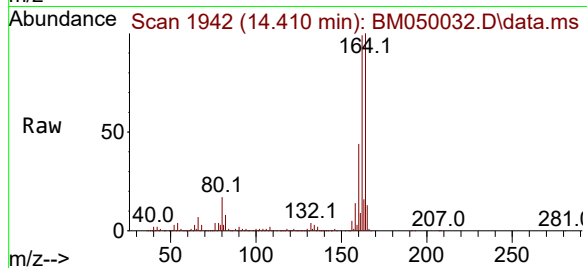
Tgt Ion:142 Resp: 1425407
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
116 3.7 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

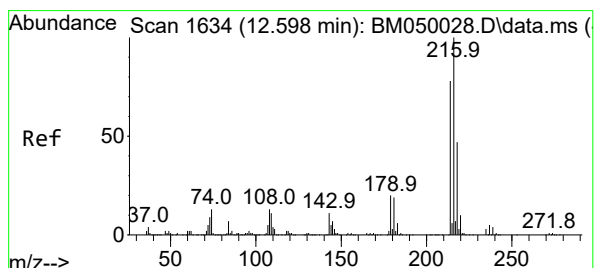
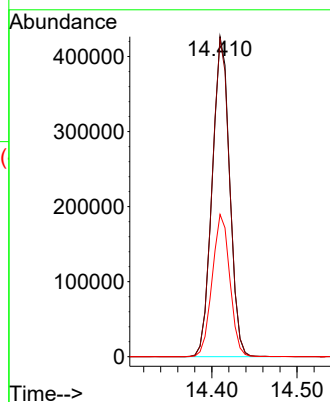
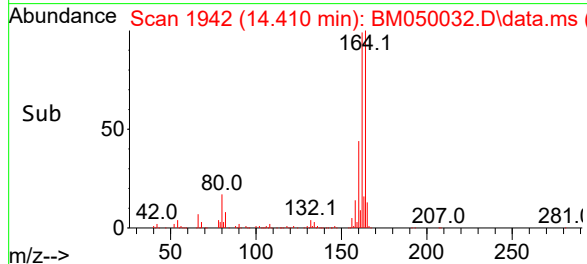
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:164 Resp: 605832
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.5 36.2 54.4

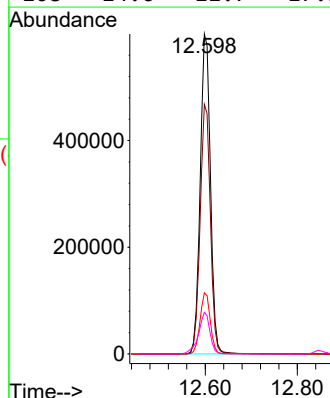
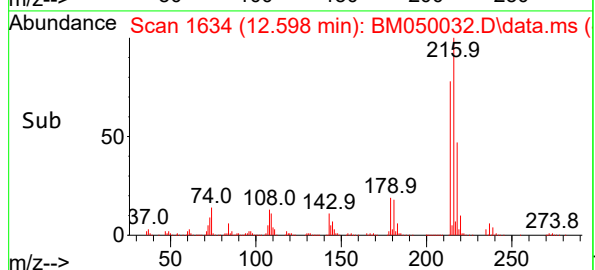
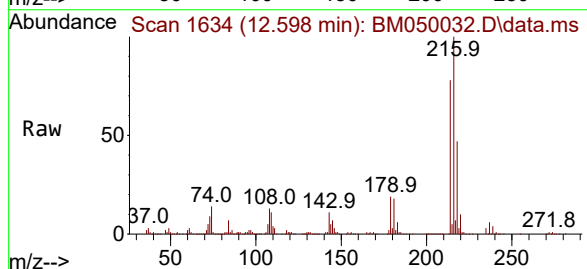
Manual Integrations
APPROVED

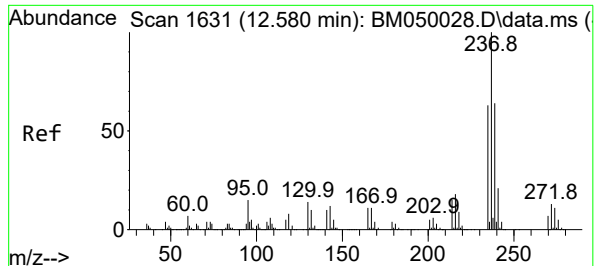
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.140 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

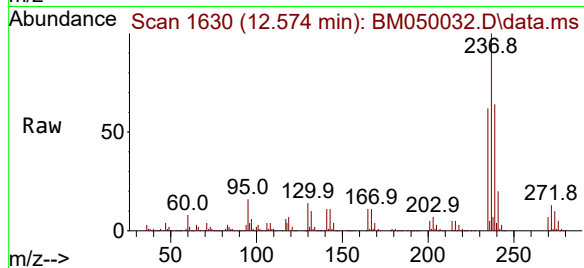
Tgt Ion:216 Resp: 925725
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 19.1 15.4 23.0
108 14.6 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

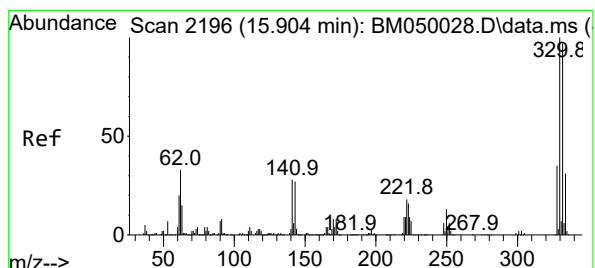
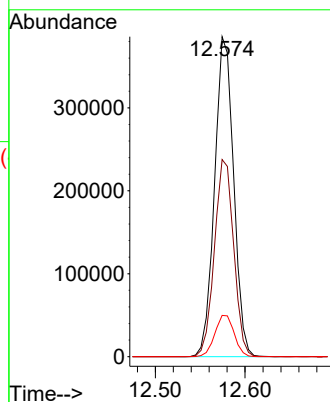
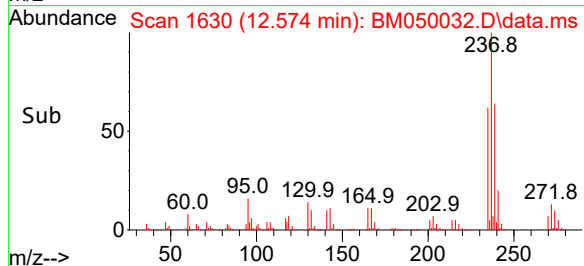
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:237 Resp: 56871
Ion Ratio Lower Upper
237 100
235 61.6 42.9 82.9
272 12.9 0.0 32.9

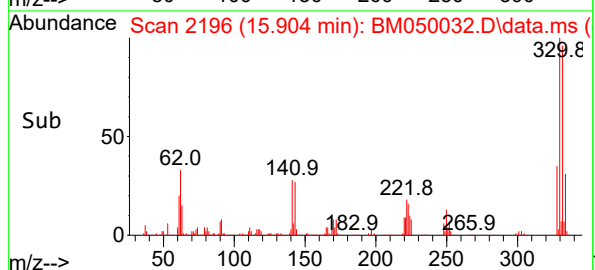
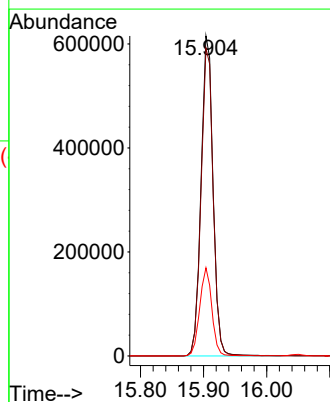
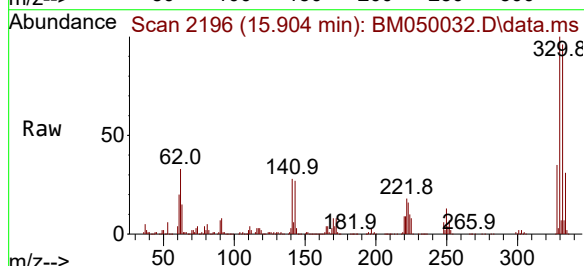
Manual Integrations
APPROVED

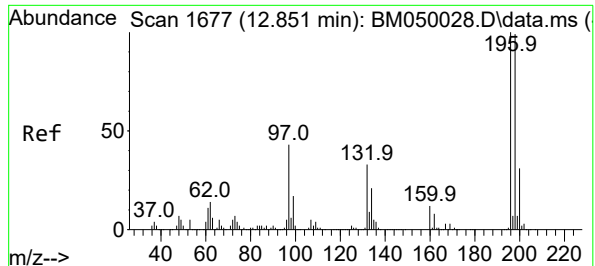
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

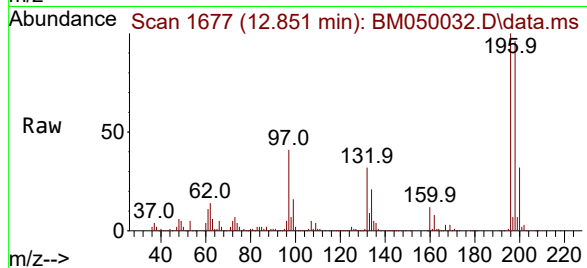
Tgt Ion:330 Resp: 810732
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.0 22.5 33.7





#43
2,4,6-Trichlorophenol
Concen: 46.094 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

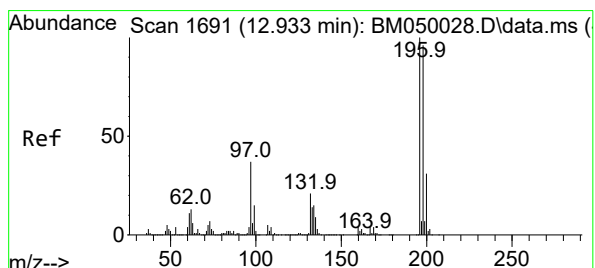
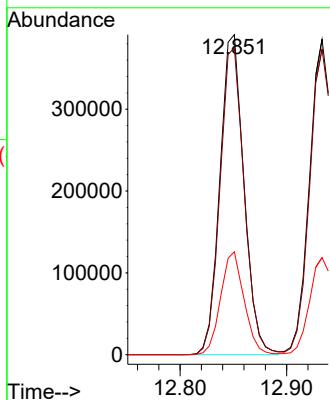
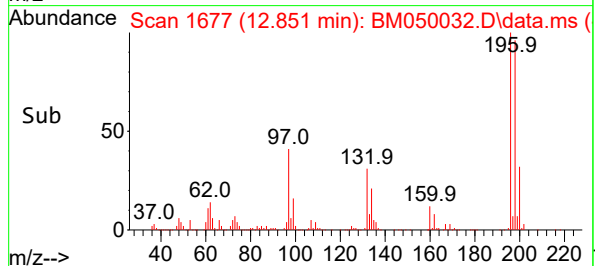
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:196 Resp: 61314
Ion Ratio Lower Upper
196 100
198 95.9 79.0 118.6
200 32.2 25.1 37.7

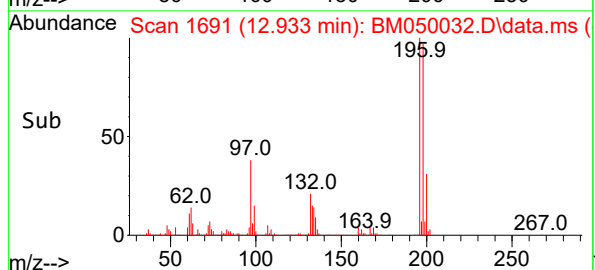
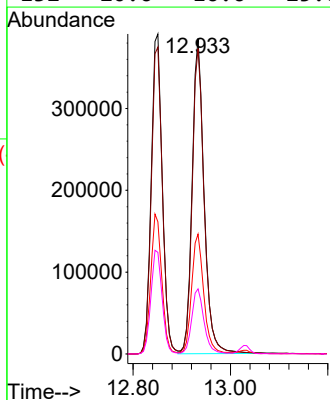
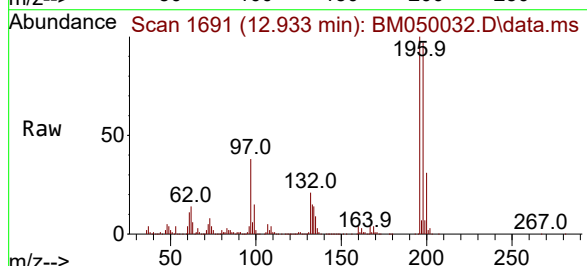
Manual Integrations
APPROVED

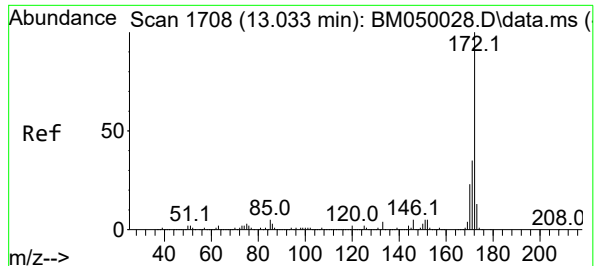
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#44
2,4,5-Trichlorophenol
Concen: 46.271 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

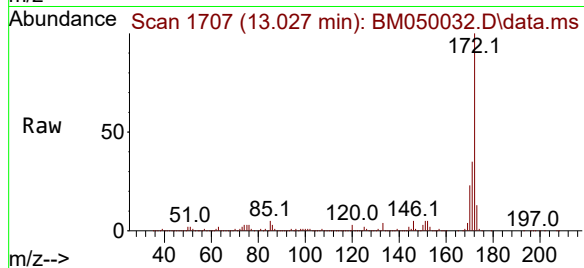
Tgt Ion:196 Resp: 663718
Ion Ratio Lower Upper
196 100
198 96.9 76.7 115.1
97 38.0 30.1 45.1
132 20.6 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

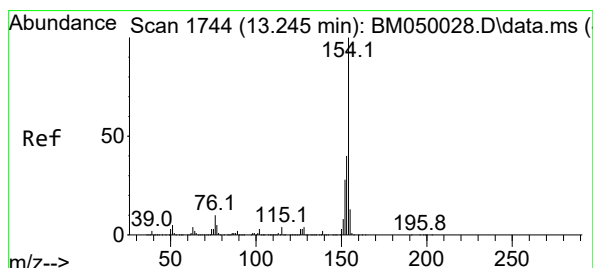
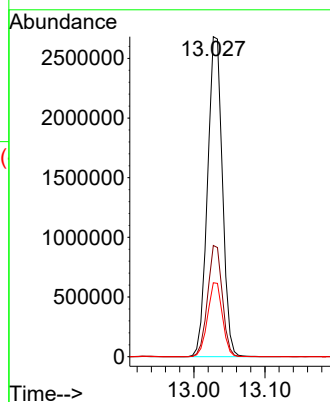
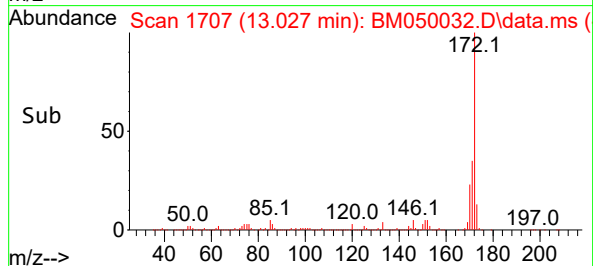
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:172 Resp: 390538
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 28.0

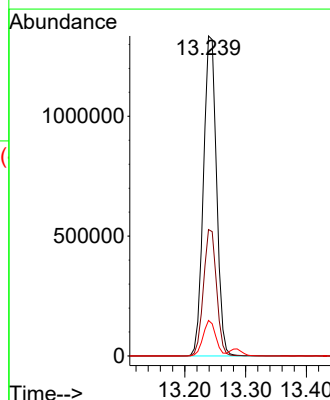
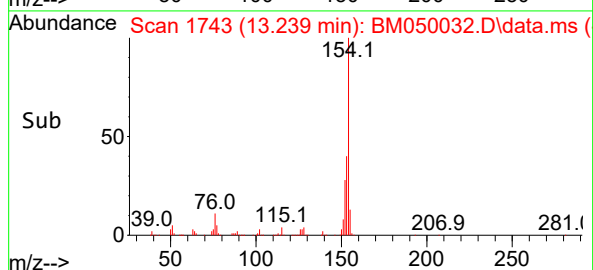
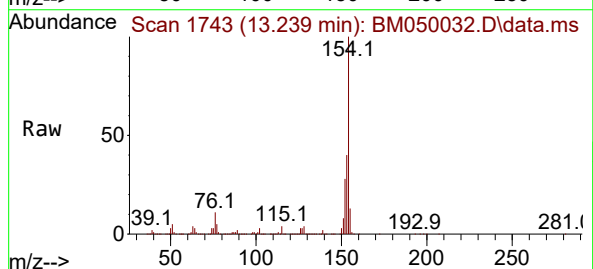
Manual Integrations
APPROVED

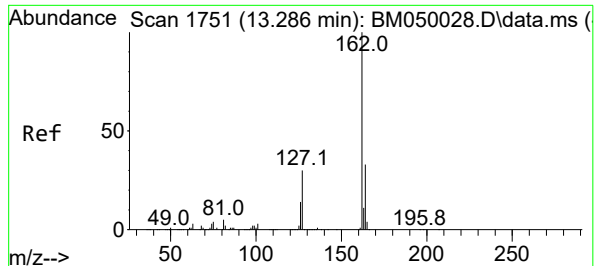
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

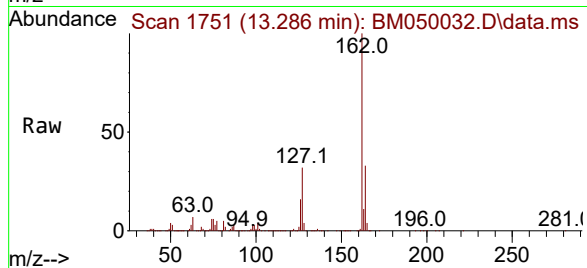
Tgt Ion:154 Resp: 1990852
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 11.1 0.0 30.3





#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

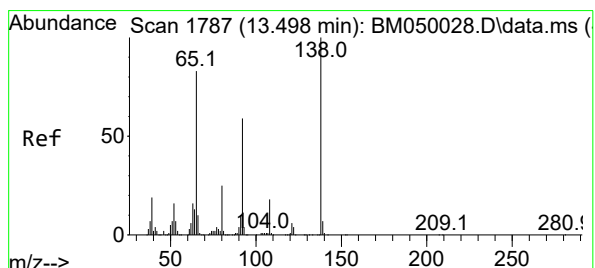
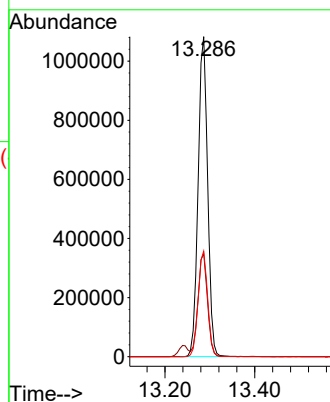
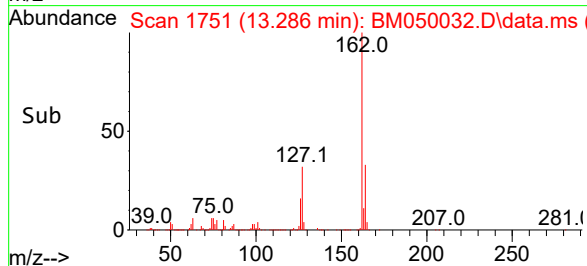
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:162 Resp: 1593769
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0

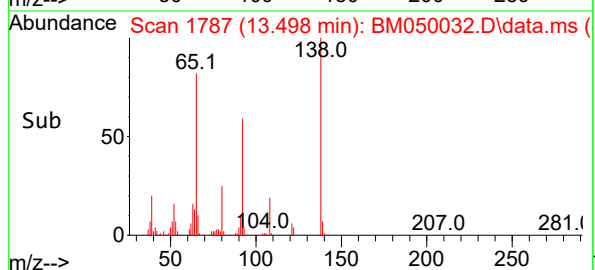
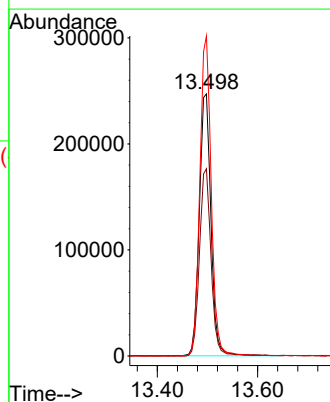
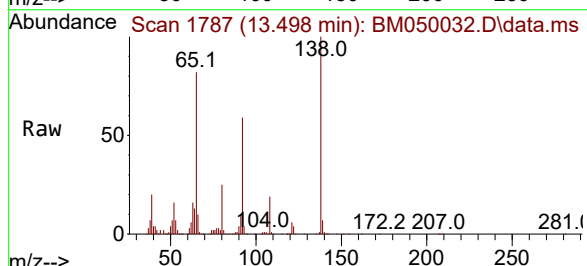
Manual Integrations
APPROVED

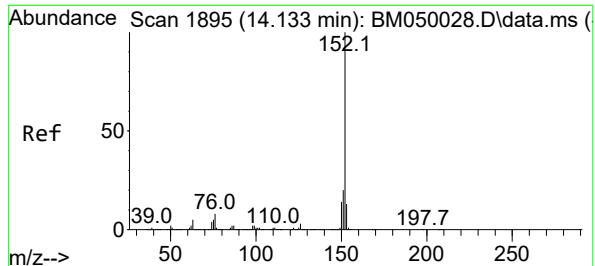
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

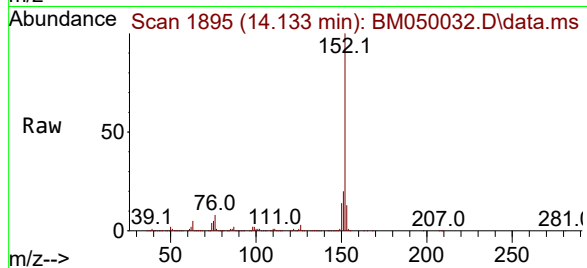
Tgt Ion: 65 Resp: 398645
Ion Ratio Lower Upper
65 100
92 71.5 57.1 85.7
138 122.1 97.0 145.4





#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

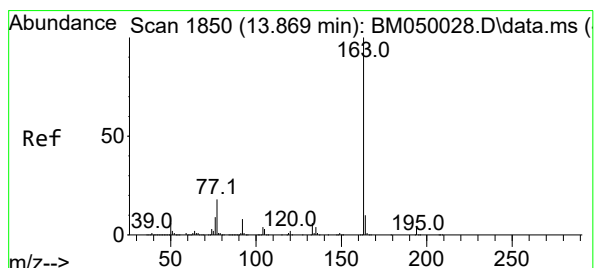
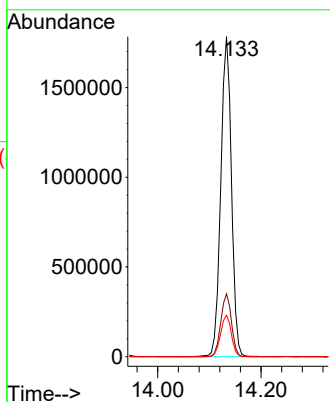
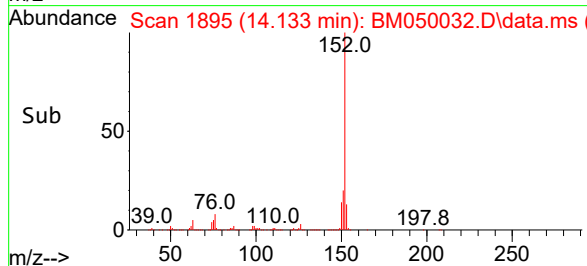
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:152 Resp: 254834
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8

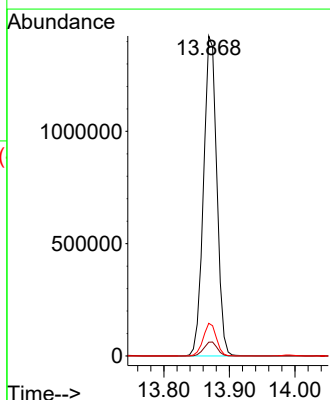
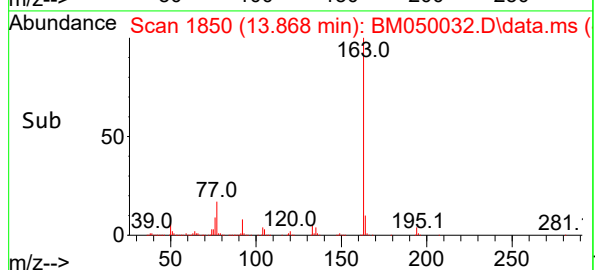
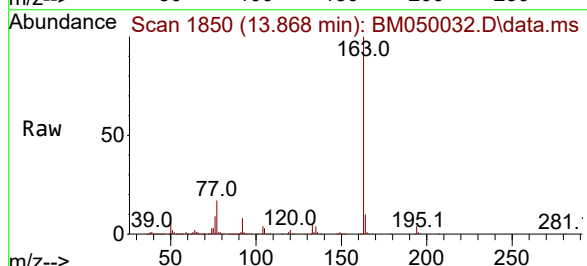
Manual Integrations
APPROVED

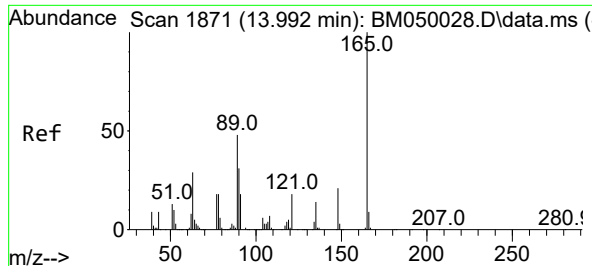
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

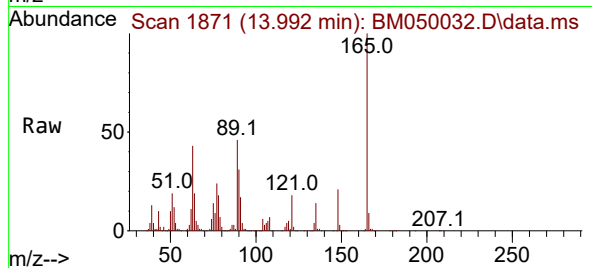
Tgt Ion:163 Resp: 2007342
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

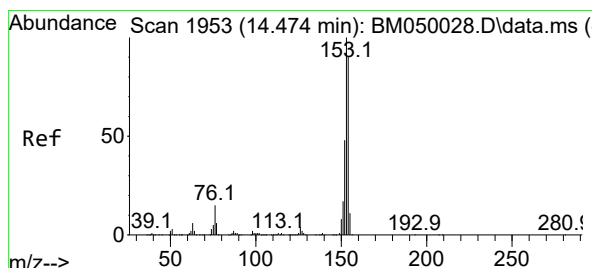
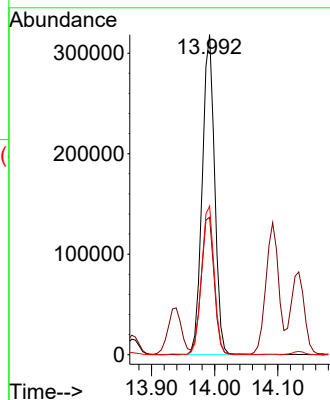
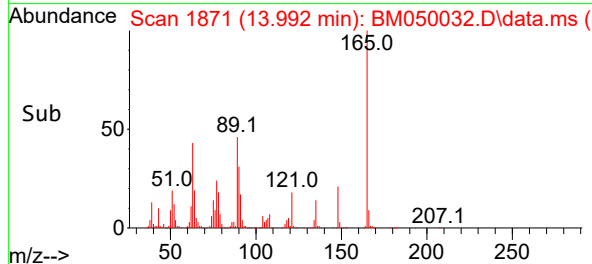
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:165 Resp: 435925
Ion Ratio Lower Upper
165 100
63 42.9 35.1 52.7
89 46.4 38.4 57.6

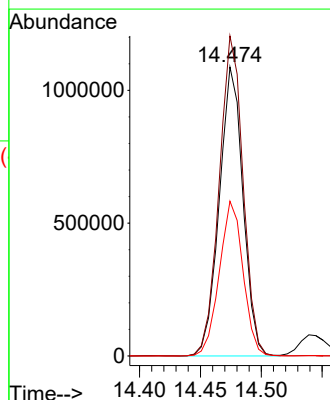
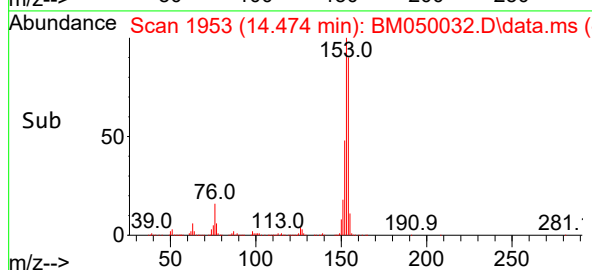
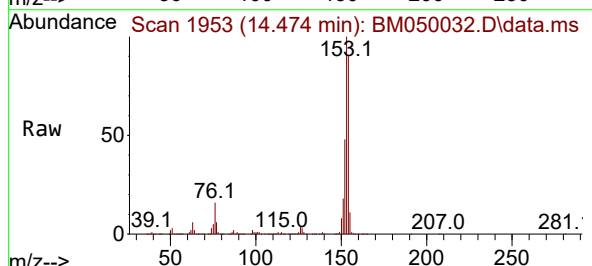
Manual Integrations
APPROVED

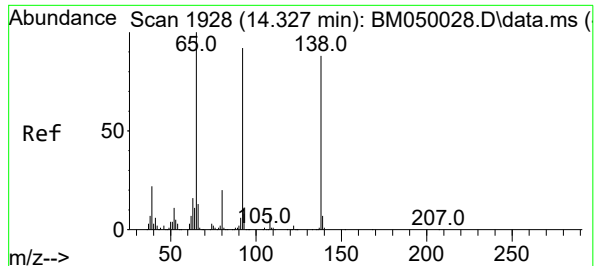
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

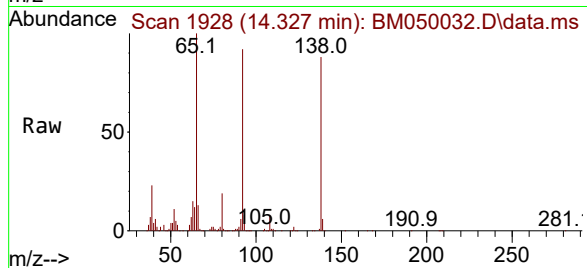
Tgt Ion:154 Resp: 1471672
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 53.5 43.0 64.6





#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

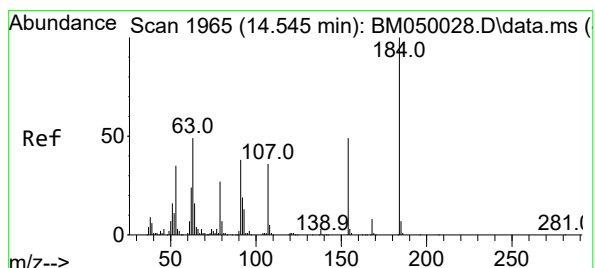
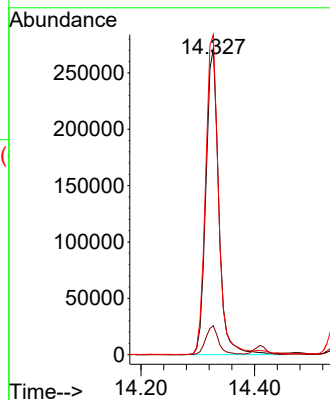
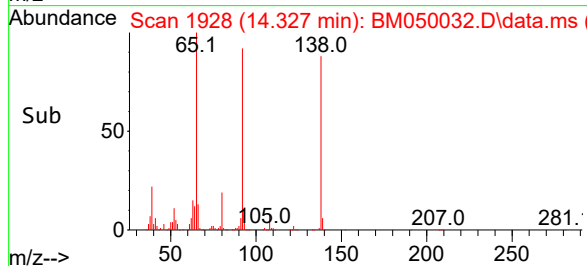
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



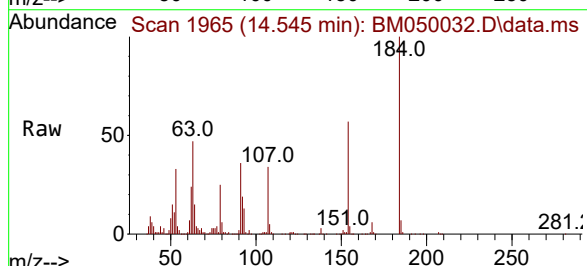
Tgt Ion:138 Resp: 427464
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 104.5 84.0 126.0

Manual Integrations
APPROVED

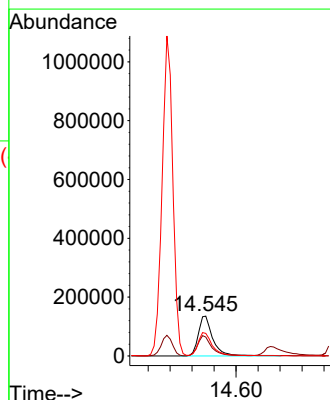
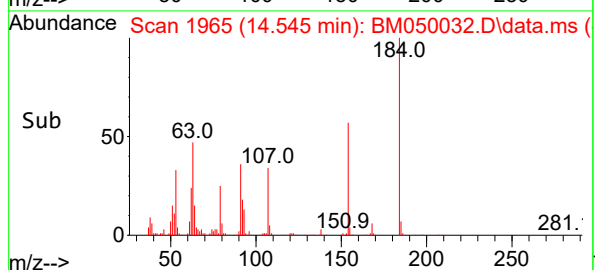
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

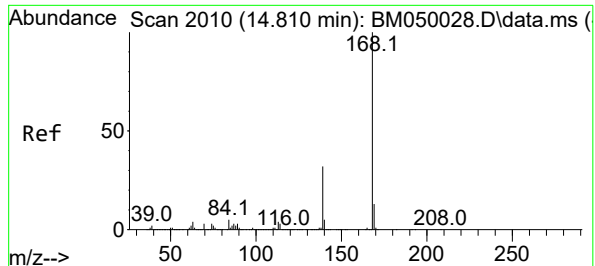


#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



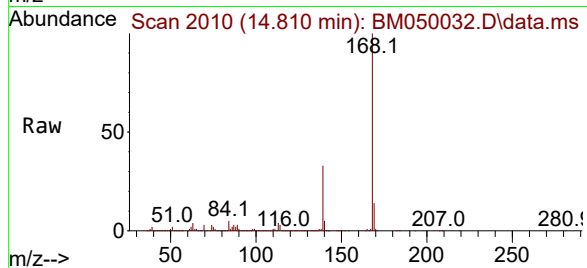
Tgt Ion:184 Resp: 249307
Ion Ratio Lower Upper
184 100
63 47.3 39.8 59.6
154 56.7 46.1 69.1





#55
Dibenzenofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

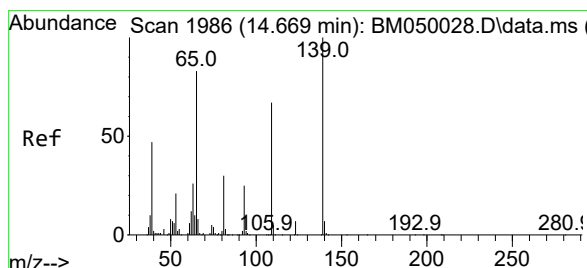
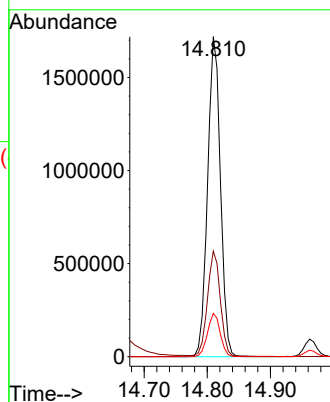
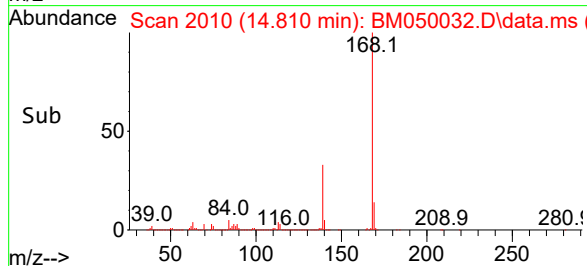
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



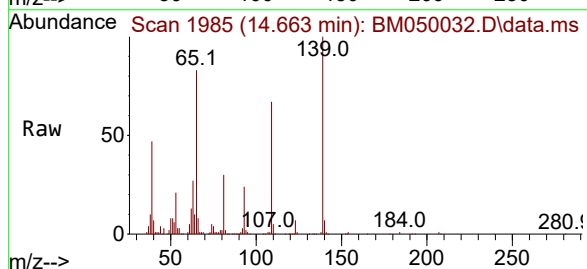
Tgt Ion:168 Resp: 2427830
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.5 10.8 16.2

Manual Integrations
APPROVED

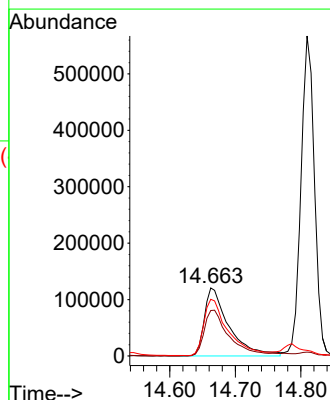
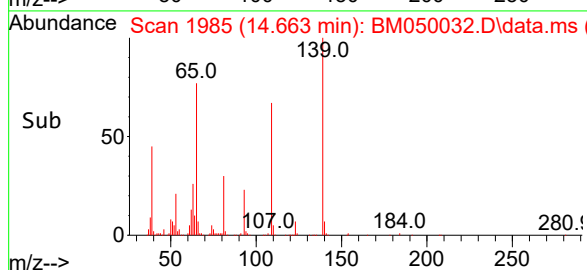
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

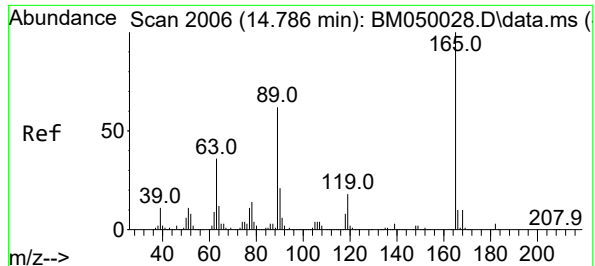


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



Tgt Ion:139 Resp: 313065
Ion Ratio Lower Upper
139 100
109 66.8 47.0 87.0
65 83.4 64.3 104.3





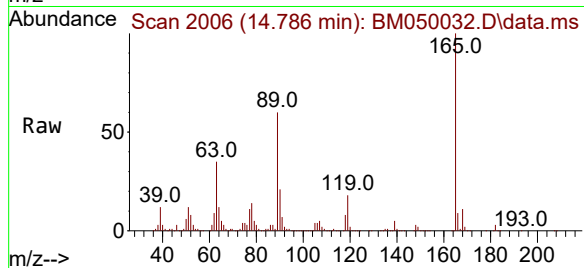
#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

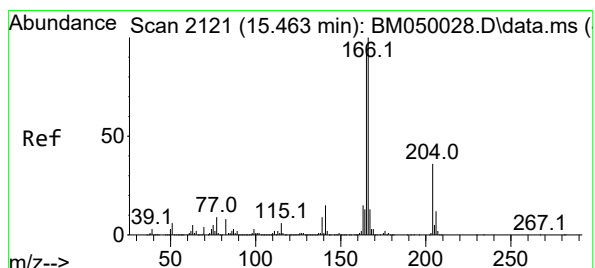
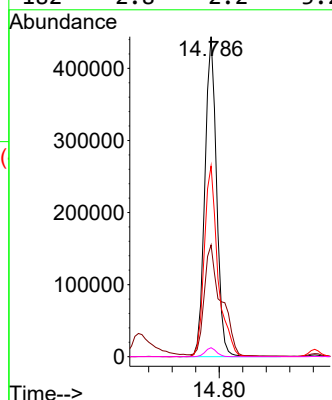
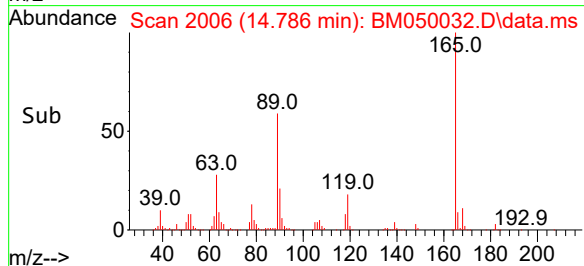


Tgt Ion:165 Resp: 61194
Ion Ratio Lower Upper
165 100
63 34.9 29.0 43.6
89 59.6 49.4 74.2
182 2.8 2.2 3.2

Manual Integrations

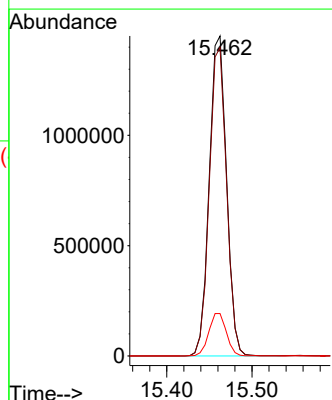
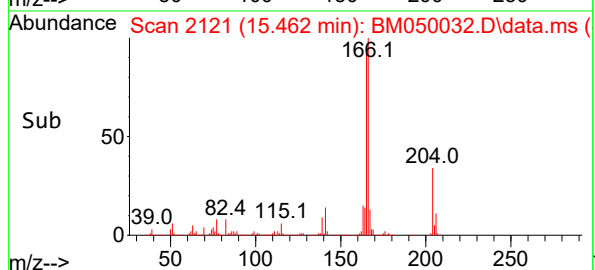
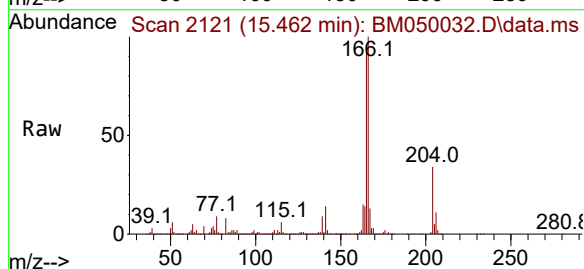
APPROVED

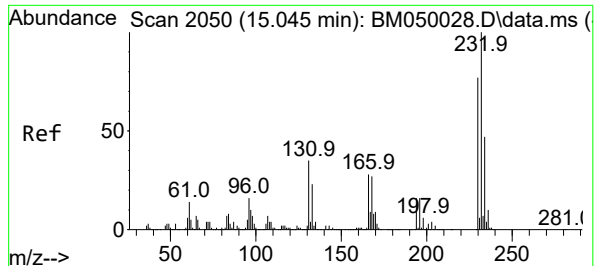
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

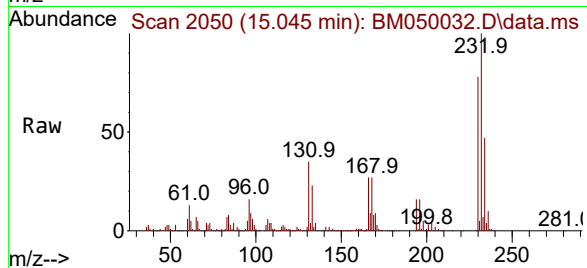
Tgt Ion:166 Resp: 2044284
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

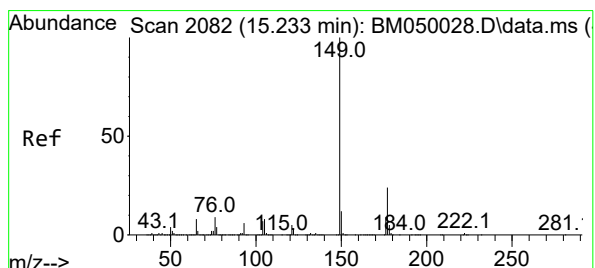
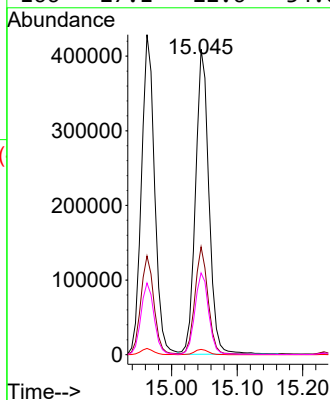
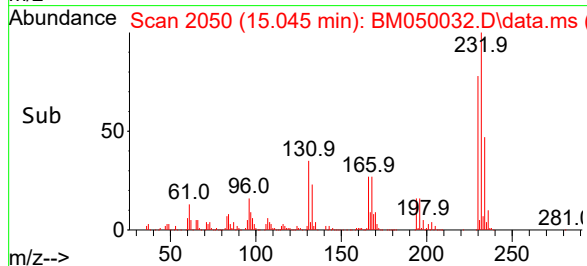
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



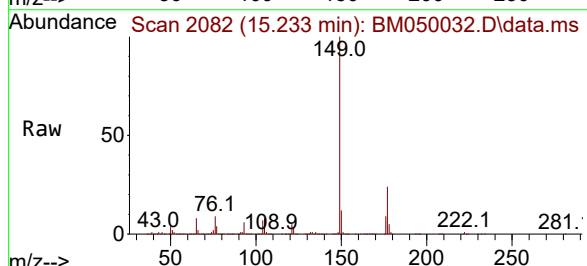
Tgt Ion:232 Resp: 583198
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.8 1.5 2.3
166 27.1 22.6 34.0

Manual Integrations
APPROVED

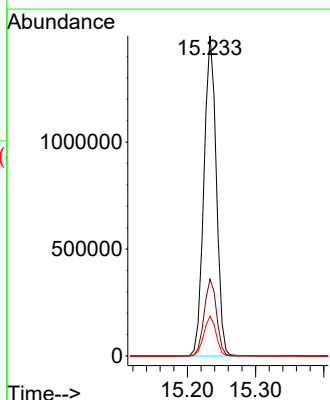
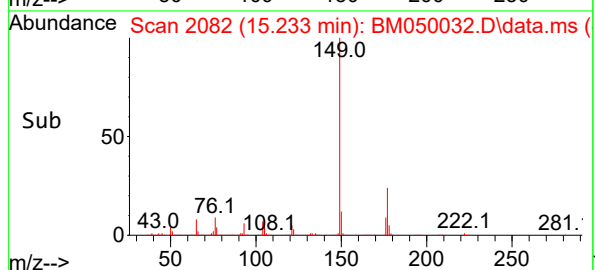
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

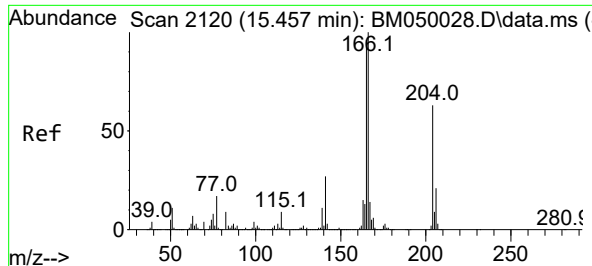


#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



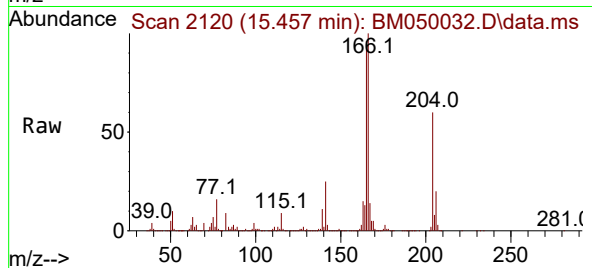
Tgt Ion:149 Resp: 1889827
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.4 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

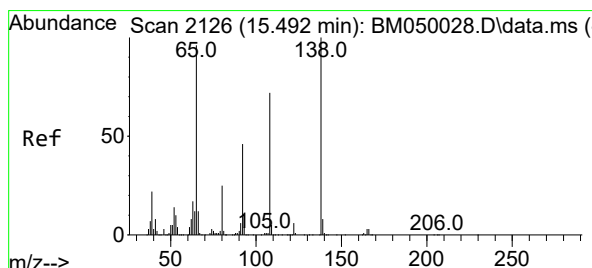
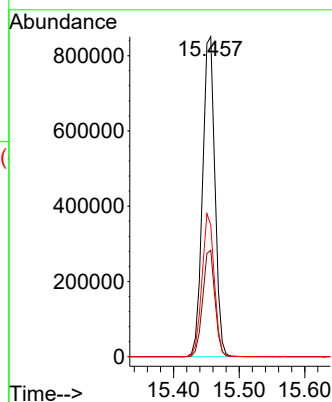
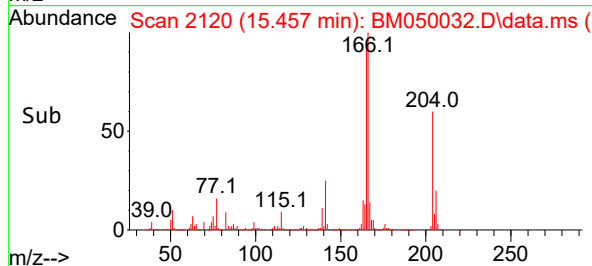
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:204 Resp: 111883
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 41.1 34.0 51.0

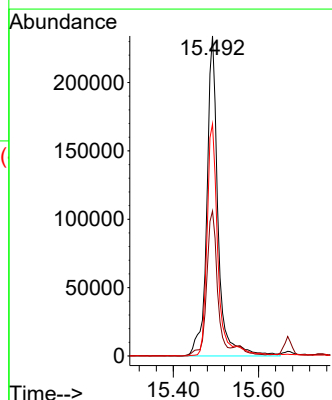
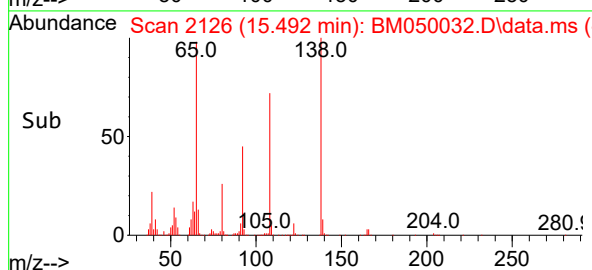
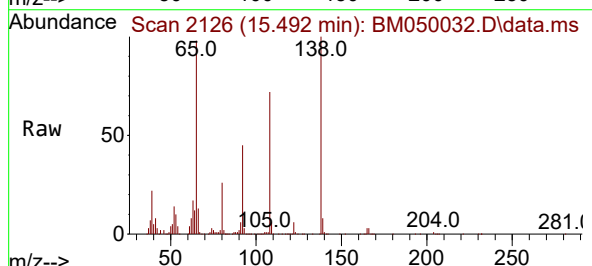
Manual Integrations
APPROVED

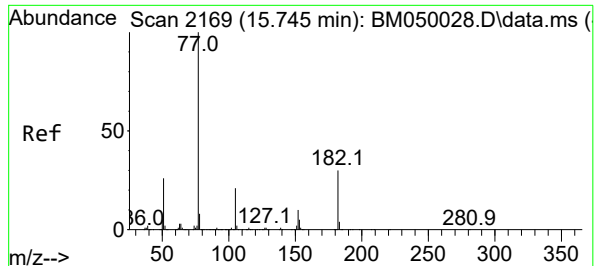
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

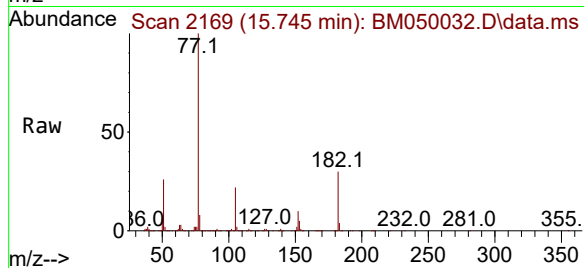
Tgt Ion:138 Resp: 427339
Ion Ratio Lower Upper
138 100
92 45.3 25.9 65.9
108 72.5 52.4 92.4





#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

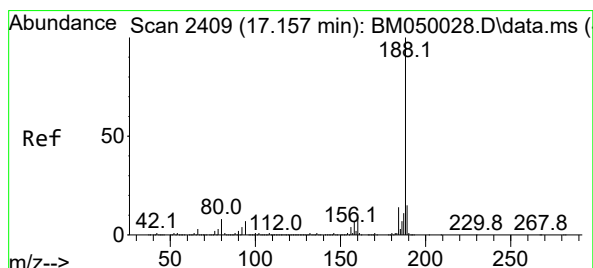
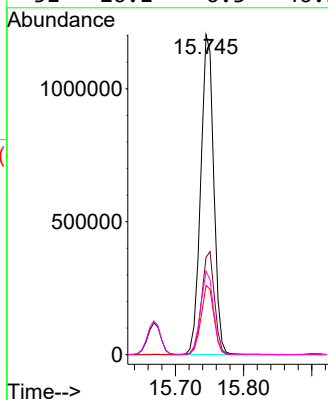
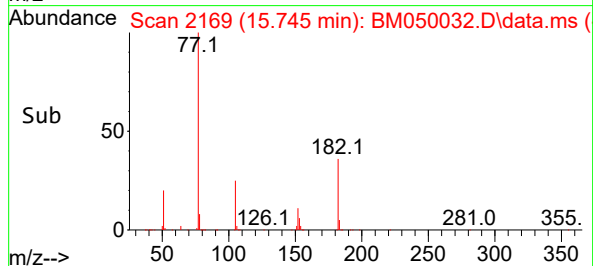
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 1599489
Ion Ratio Lower Upper
77 100
182 30.5 10.5 50.5
105 21.6 1.1 41.1
51 26.1 6.3 46.3

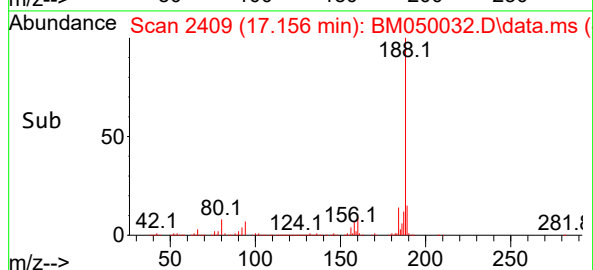
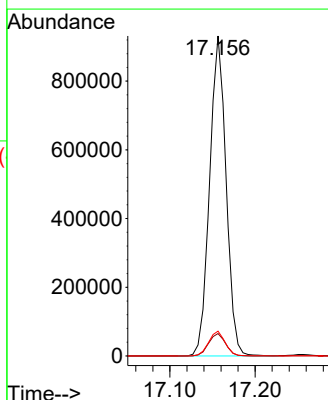
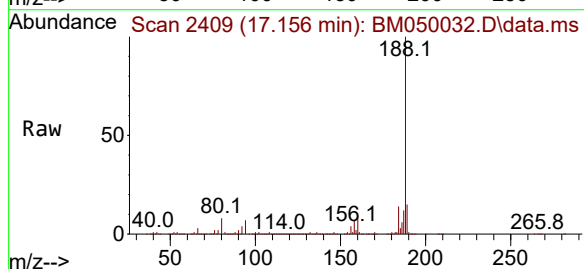
Manual Integrations
APPROVED

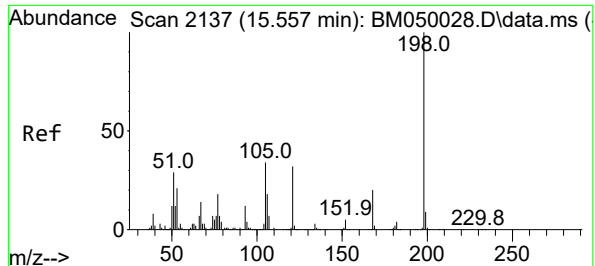
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:188 Resp: 1251563
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 6.2 9.4





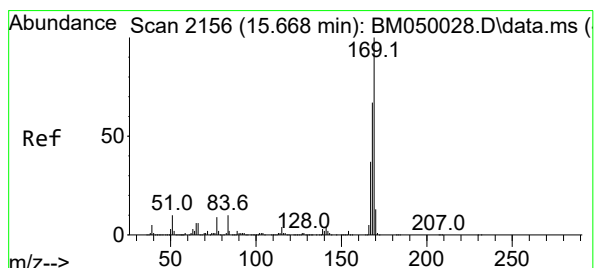
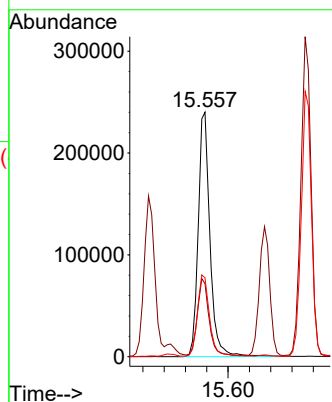
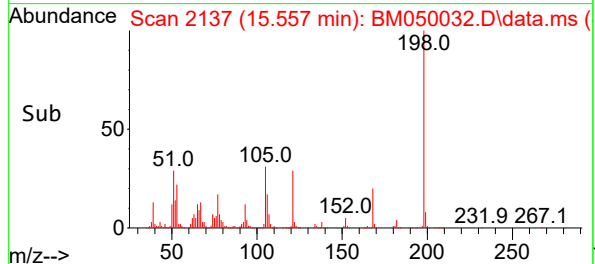
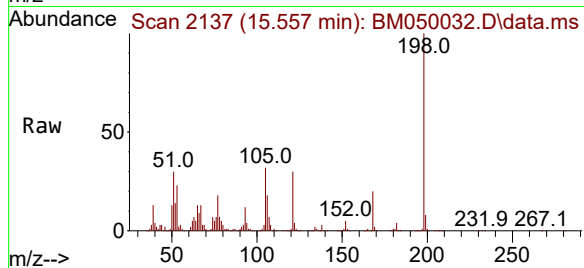
#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion:198 Resp: 367580
Ion Ratio Lower Upper
198 100
51 29.9 10.4 50.4
105 32.3 14.6 54.6

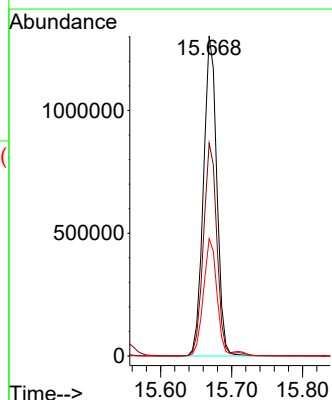
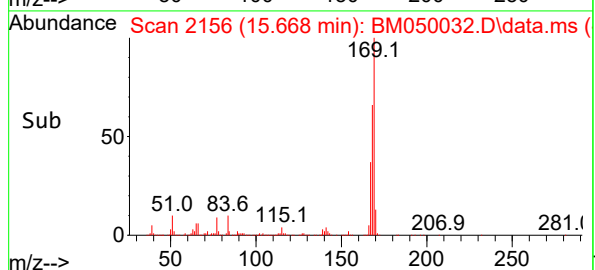
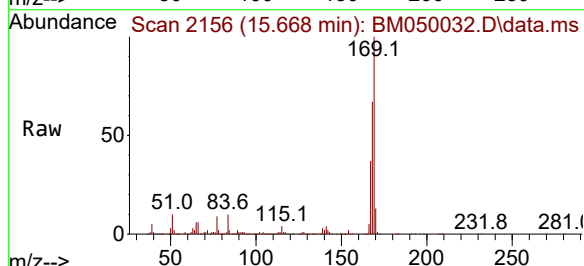
Manual Integrations
APPROVED

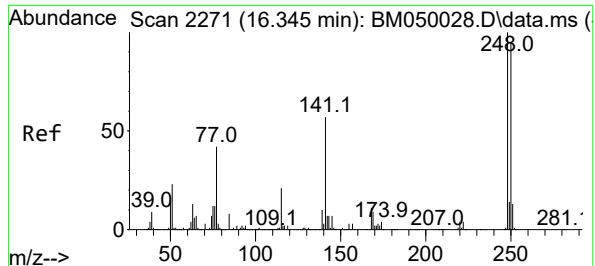
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

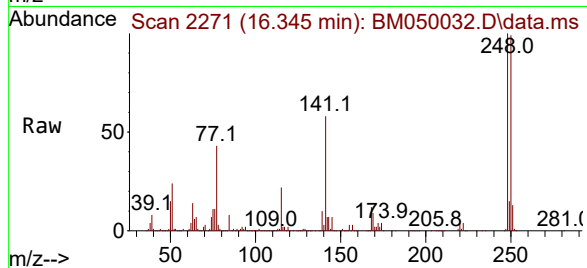
Tgt Ion:169 Resp: 1709666
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

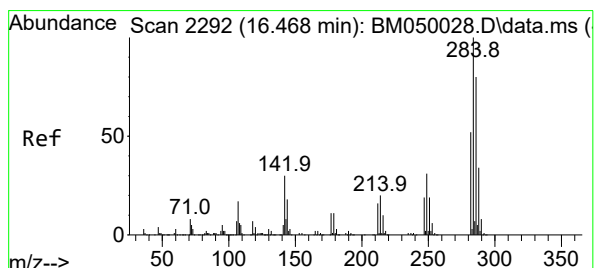
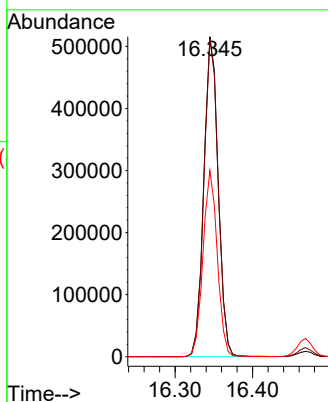
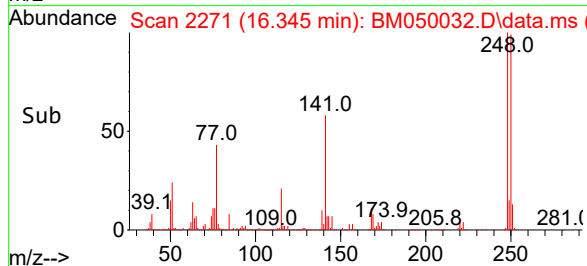
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:248 Resp: 665088
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 58.1 45.9 68.9

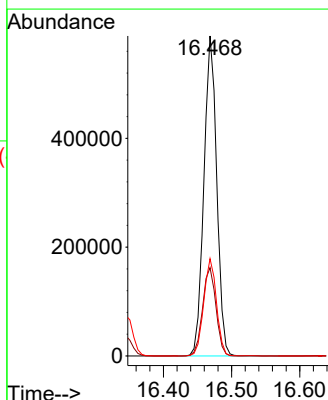
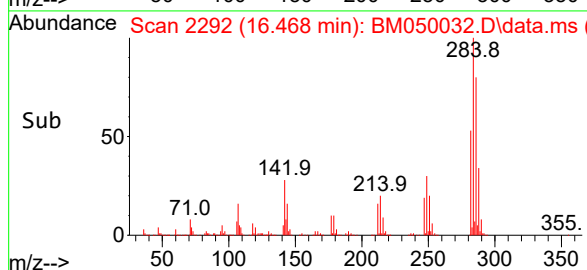
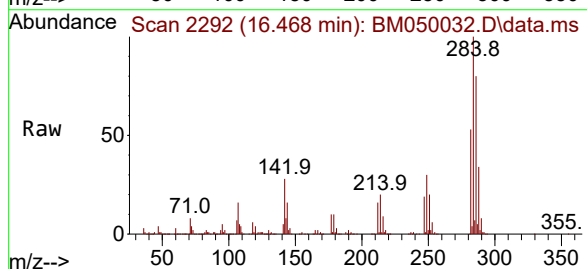
Manual Integrations
APPROVED

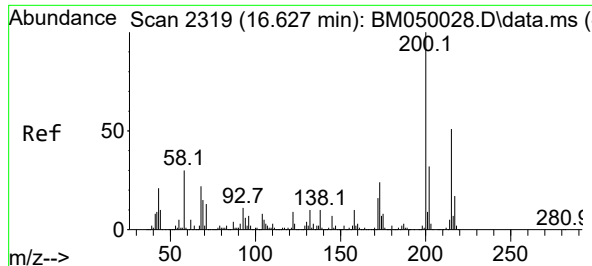
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

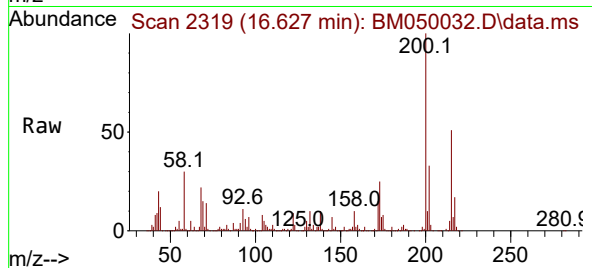
Tgt Ion:284 Resp: 770651
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 30.4 24.5 36.7





#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

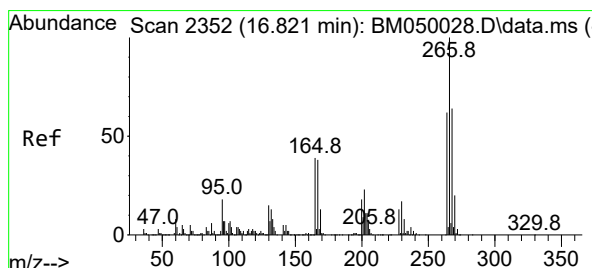
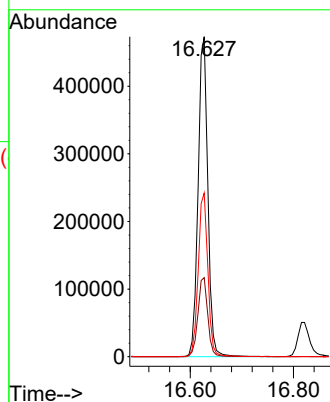
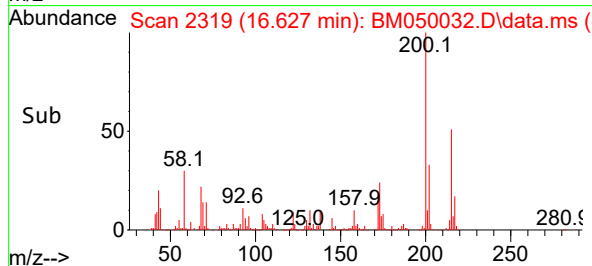
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:200 Resp: 616670
Ion Ratio Lower Upper
200 100
173 24.7 4.3 44.3
215 51.1 30.6 70.6

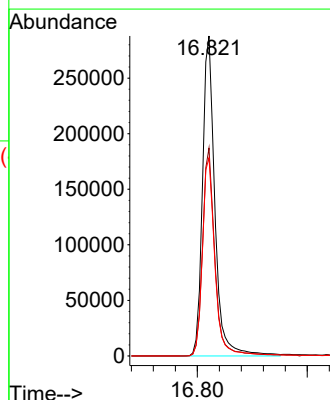
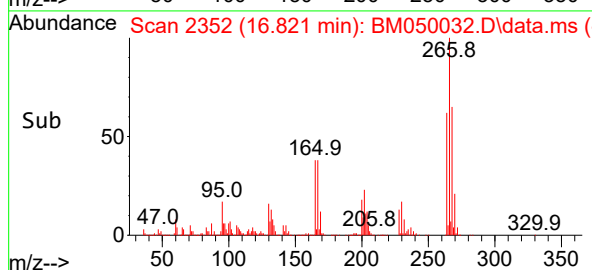
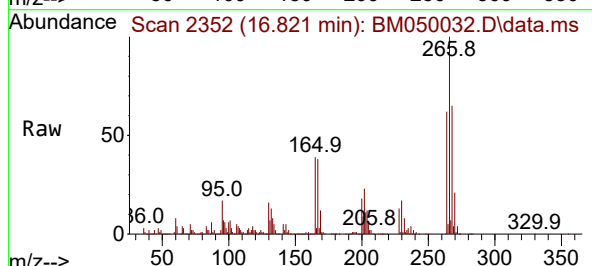
Manual Integrations
APPROVED

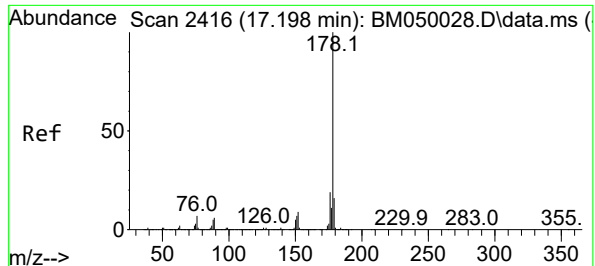
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

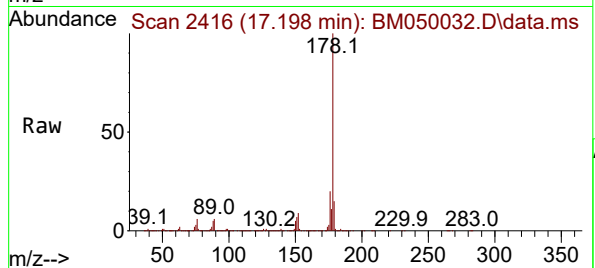
Tgt Ion:266 Resp: 452303
Ion Ratio Lower Upper
266 100
268 64.9 51.2 76.8
264 61.9 49.6 74.4





#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

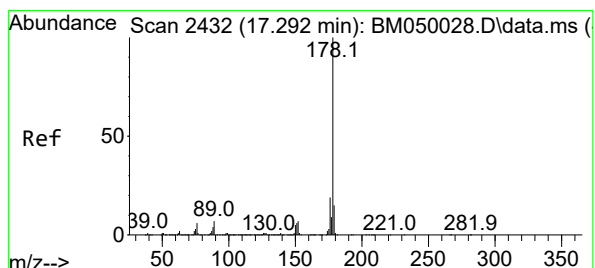
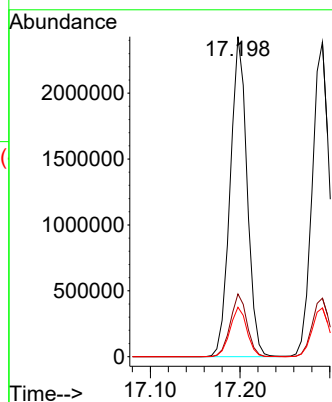
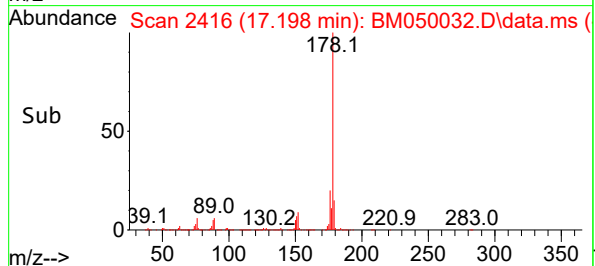
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:178 Resp: 316914
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.4 18.6

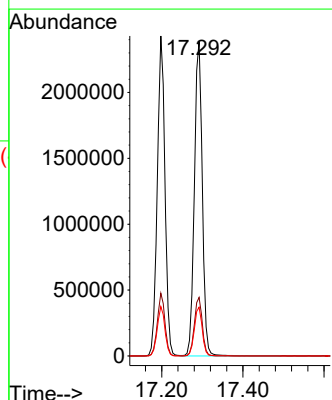
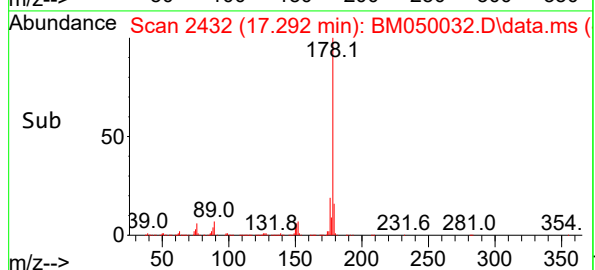
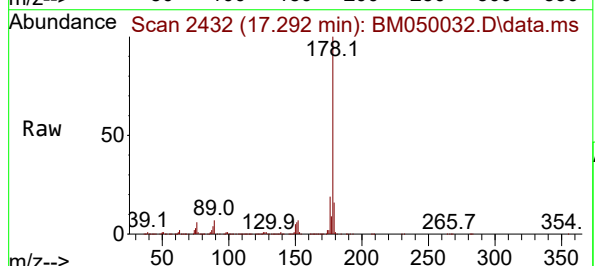
Manual Integrations
APPROVED

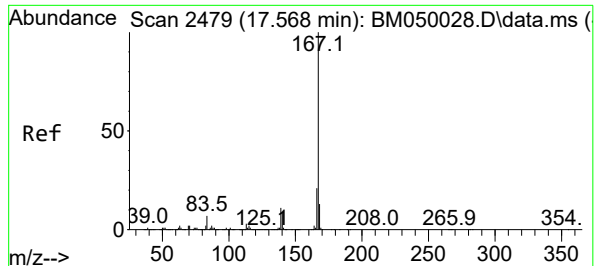
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

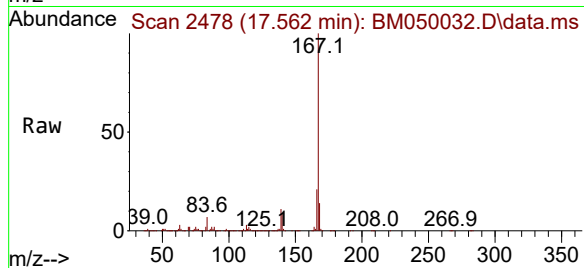
Tgt Ion:178 Resp: 3241829
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

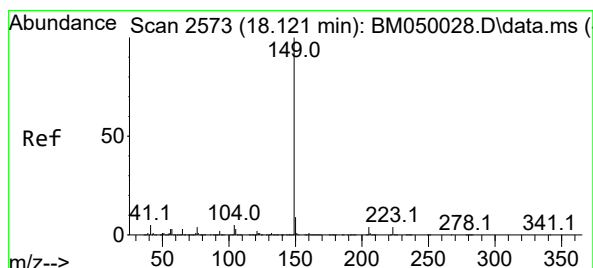
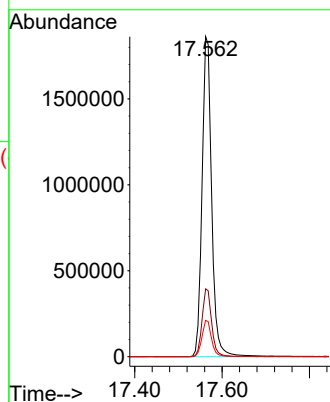
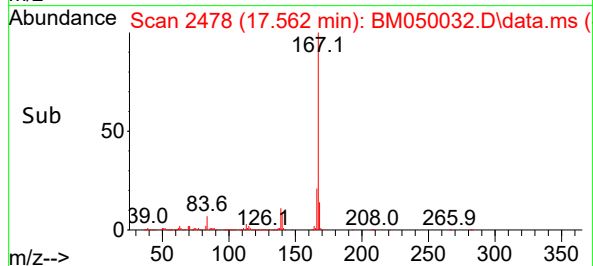
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:167 Resp: 2851510
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.3 9.0 13.6

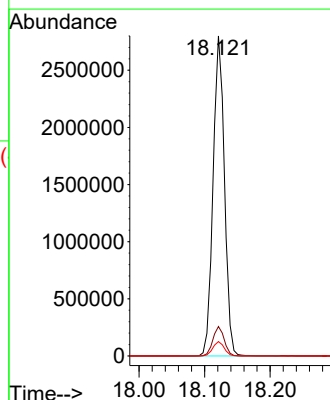
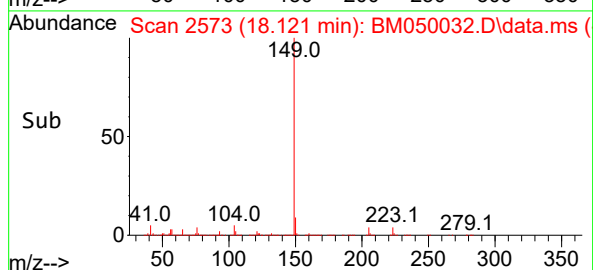
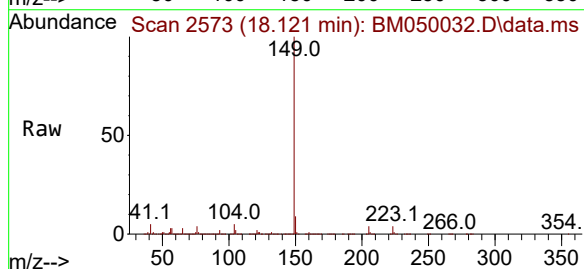
Manual Integrations
APPROVED

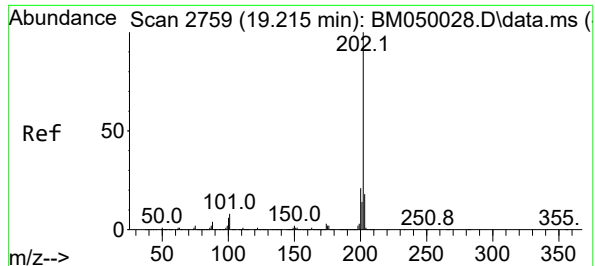
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

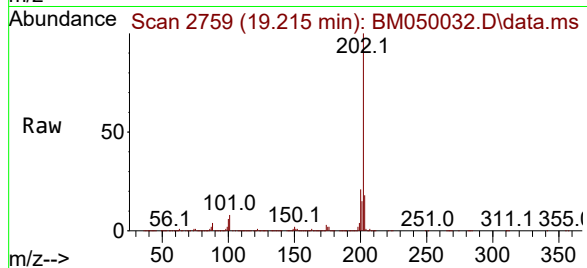
Tgt Ion:149 Resp: 3370238
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

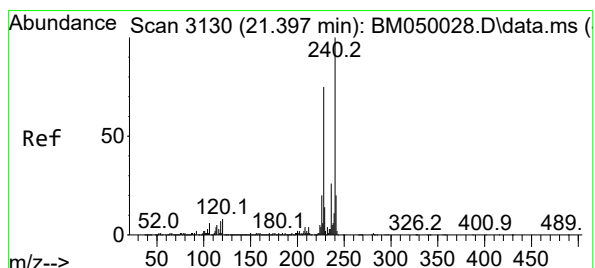
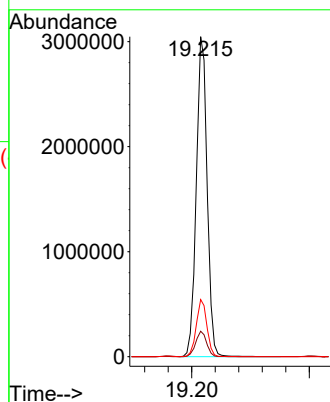
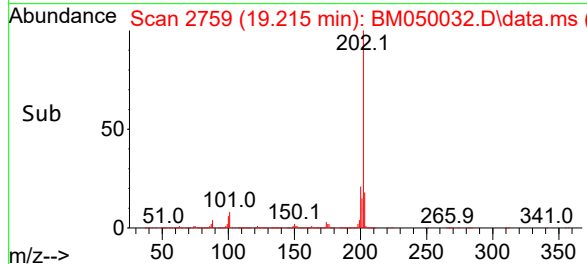
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:202 Resp: 3895040
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.9 0.0 37.7

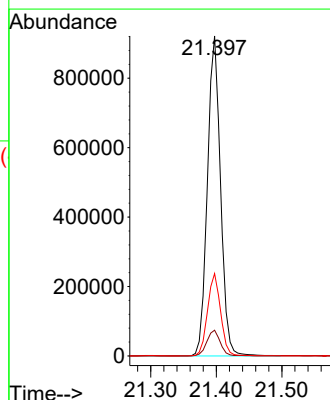
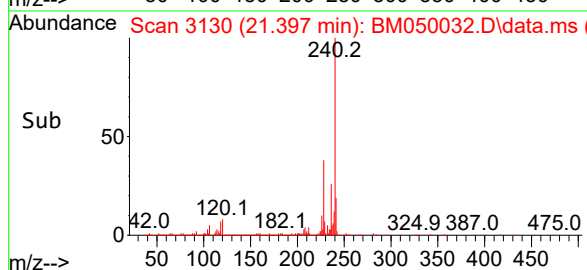
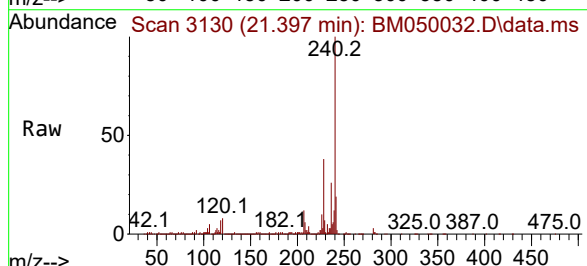
Manual Integrations
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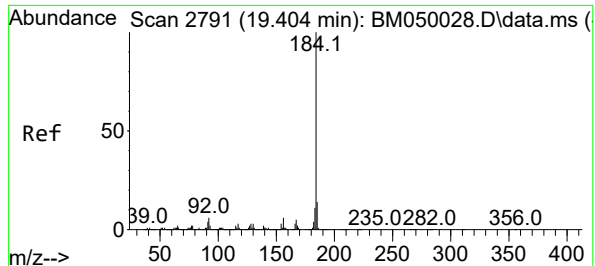
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

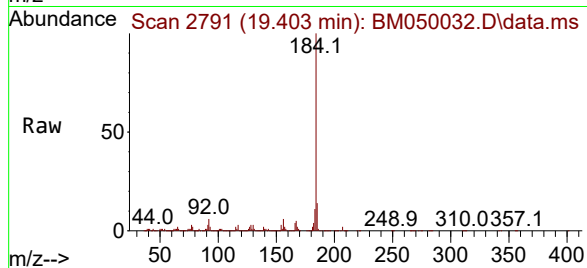
Tgt Ion:240 Resp: 1285998
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.8 20.9 31.3





#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2791
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

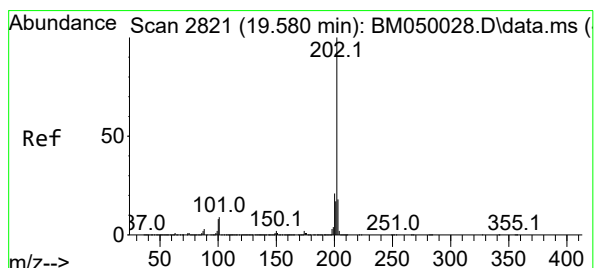
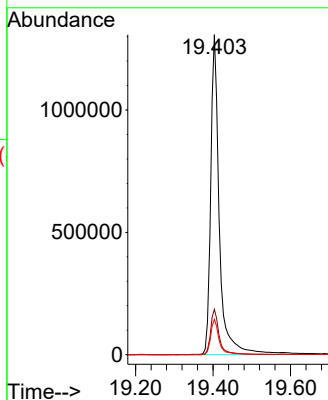
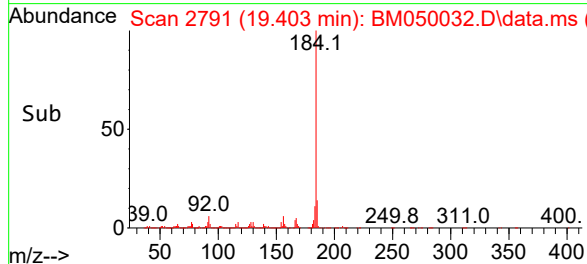
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:184 Resp: 201920
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.0 8.9 13.3

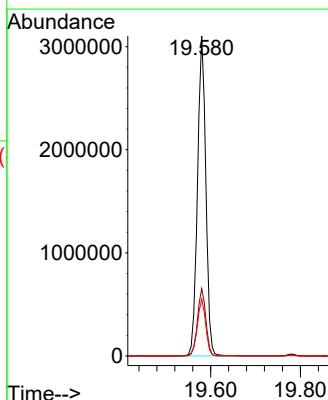
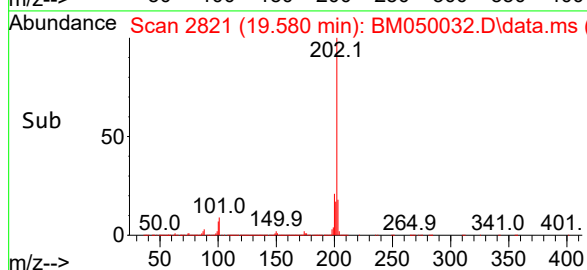
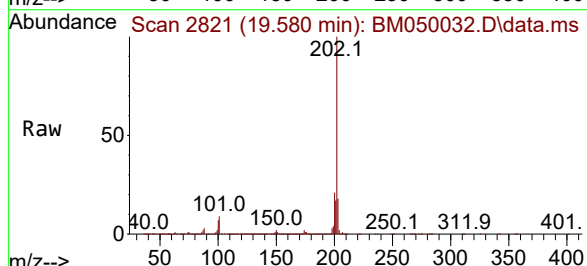
Manual Integrations
APPROVED

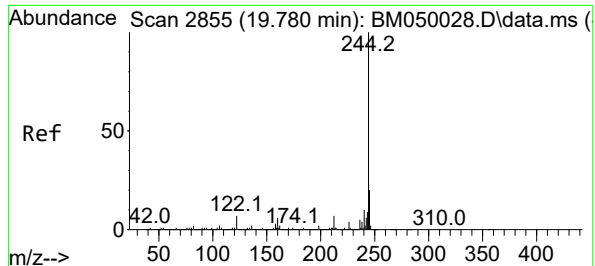
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

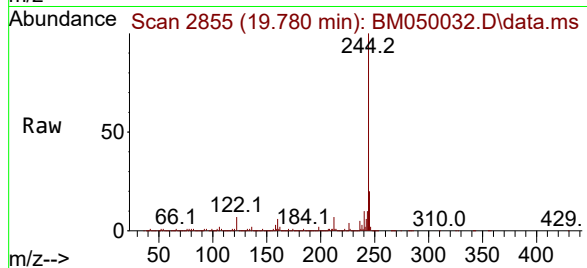
Tgt Ion:202 Resp: 3992384
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

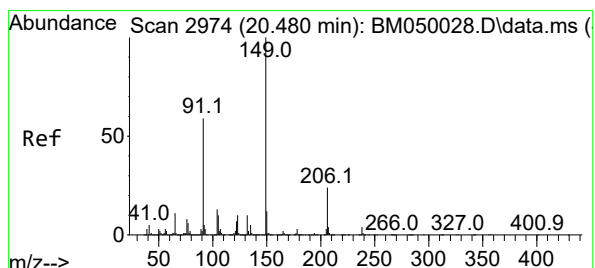
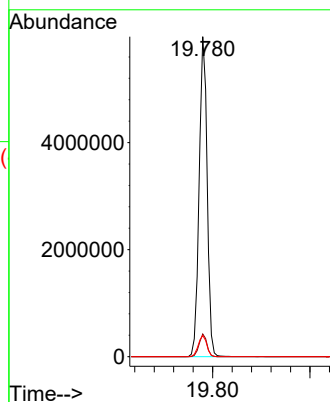
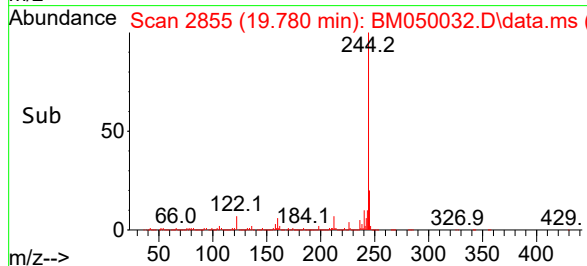
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



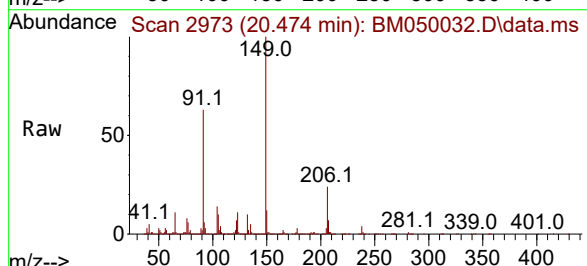
Tgt Ion:244 Resp: 686305
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.6 5.6 8.4

Manual Integrations
APPROVED

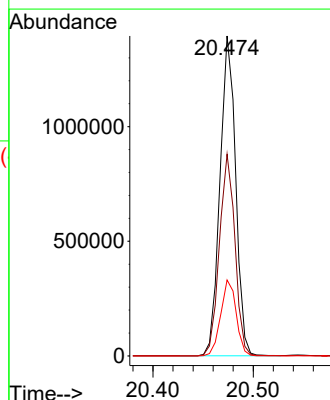
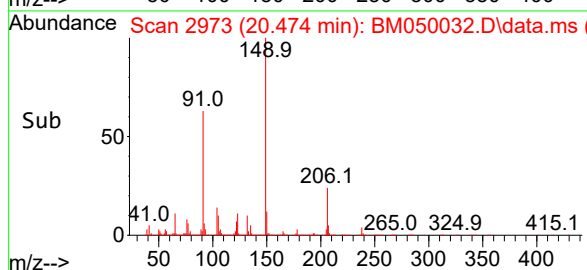
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

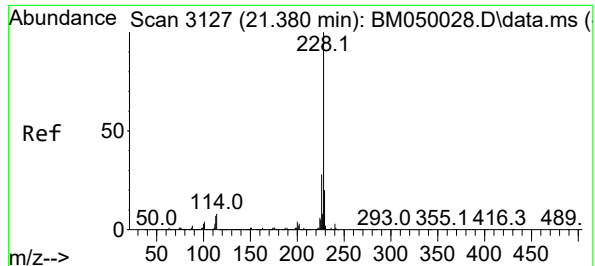


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



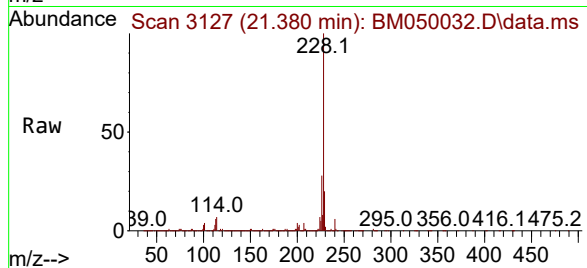
Tgt Ion:149 Resp: 1512498
Ion Ratio Lower Upper
149 100
91 63.0 47.4 71.2
206 23.7 19.4 29.0





#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

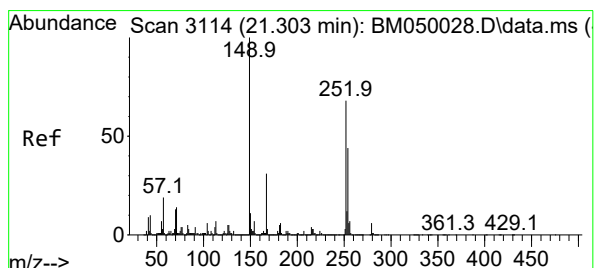
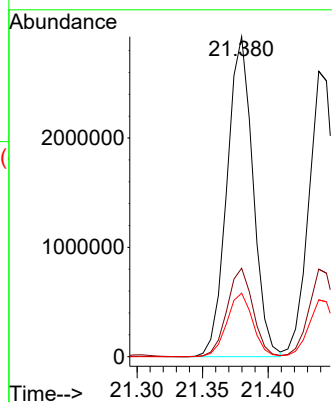
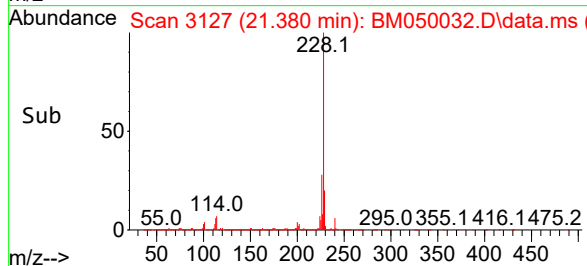
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:228 Resp: 4029064
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.7 23.5

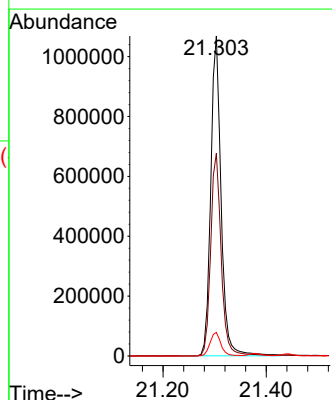
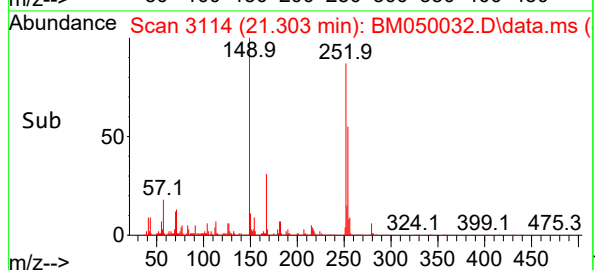
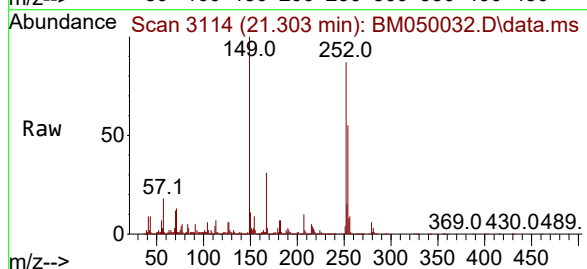
Manual Integrations
APPROVED

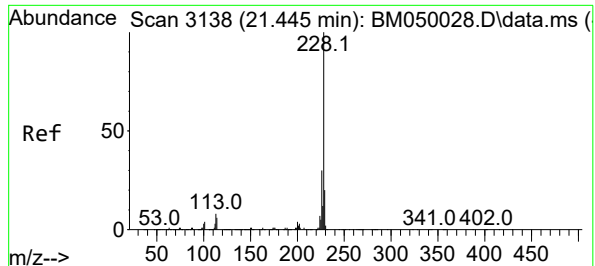
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

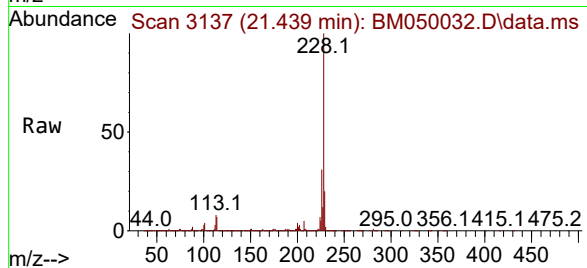
Tgt Ion:252 Resp: 1487254
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 7.4 6.0 9.0





#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

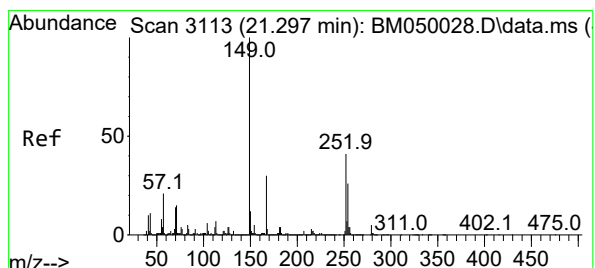
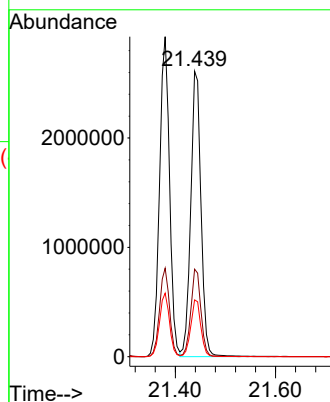
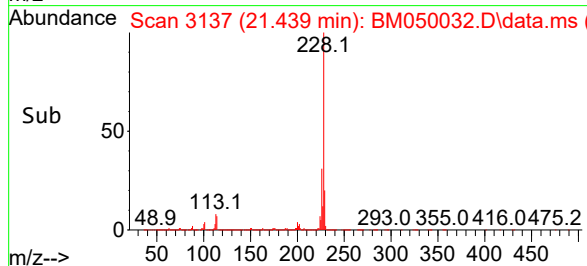
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:228 Resp: 368560
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.9 15.7 23.5

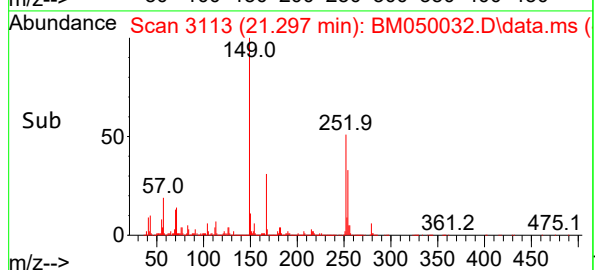
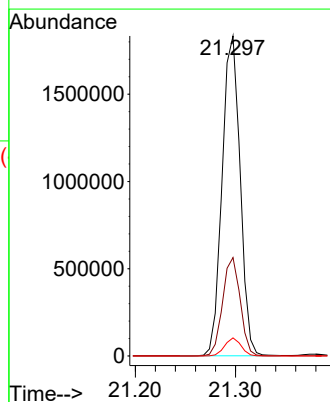
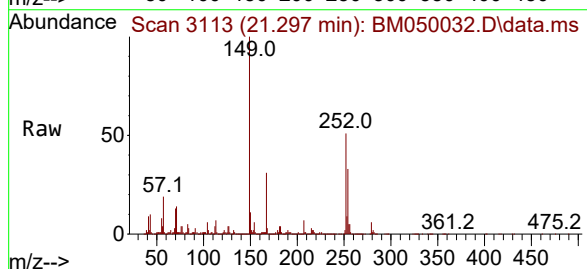
Manual Integrations
APPROVED

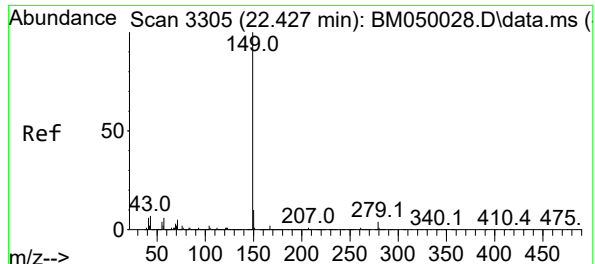
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

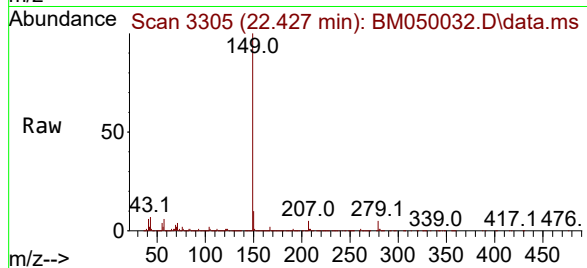
Tgt Ion:149 Resp: 2284769
Ion Ratio Lower Upper
149 100
167 30.7 24.1 36.1
279 5.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

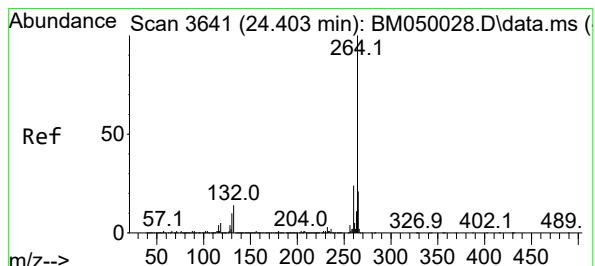
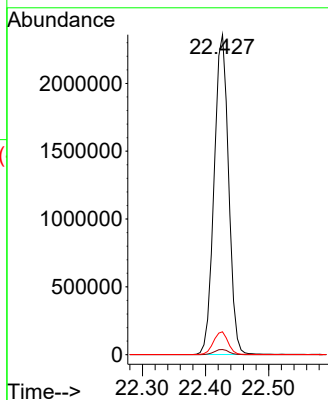
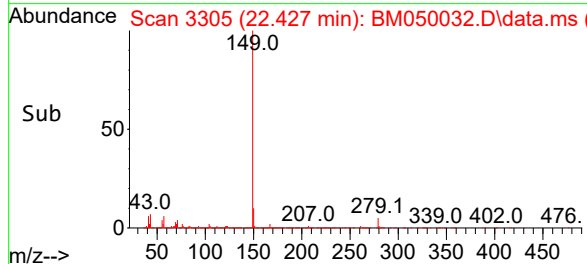
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



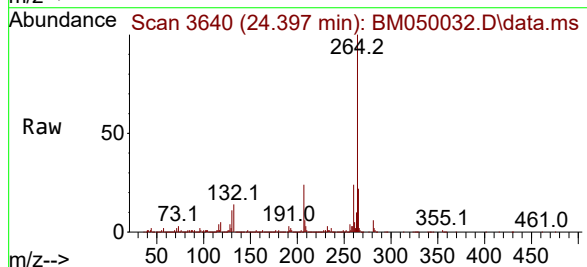
Tgt Ion:149 Resp: 374709
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8

Manual Integrations
APPROVED

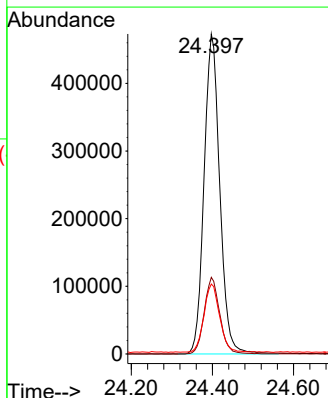
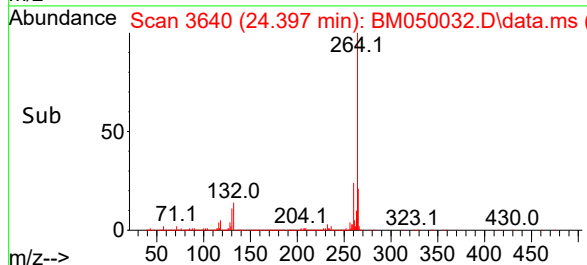
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

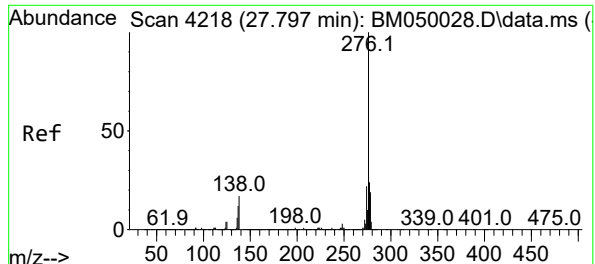


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



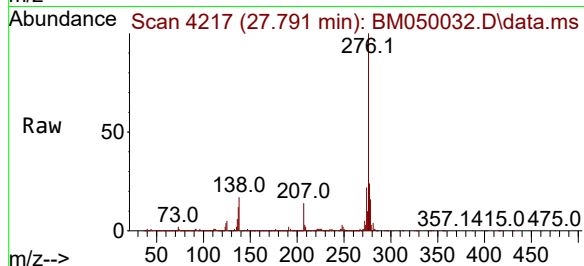
Tgt Ion:264 Resp: 1266367
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4218
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

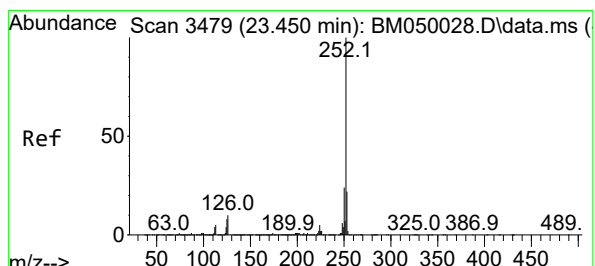
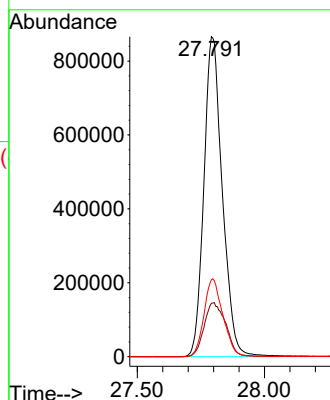
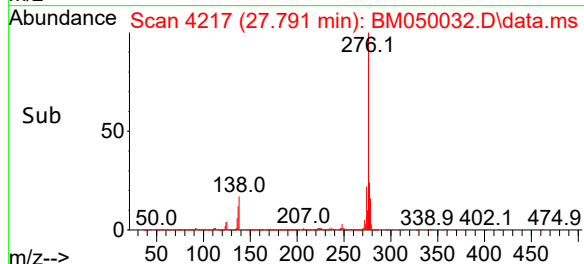
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:276 Resp: 436403
Ion Ratio Lower Upper
276 100
138 19.8 16.4 24.6
277 25.0 19.8 29.8

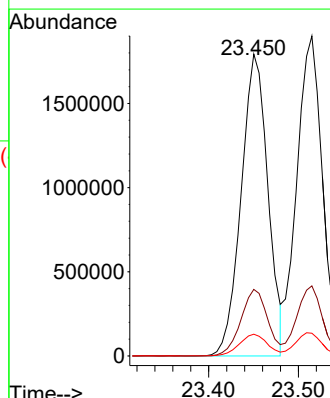
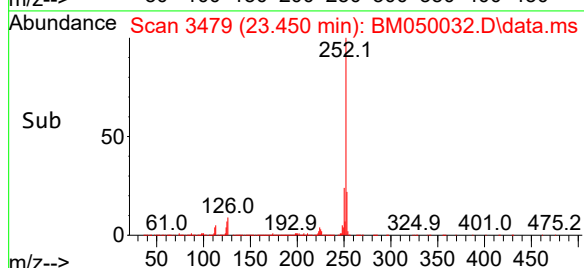
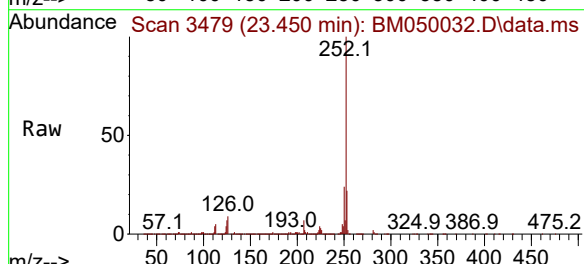
Manual Integrations
APPROVED

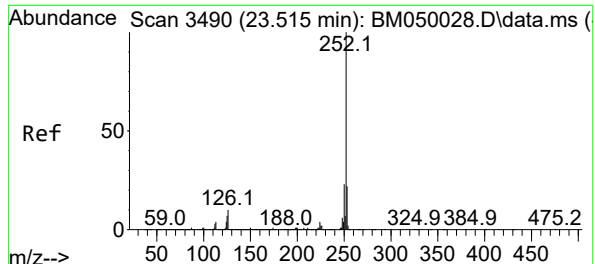
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3711451
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 45.780 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:252 Resp: 3813739

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

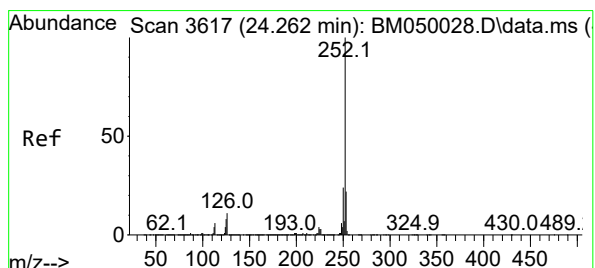
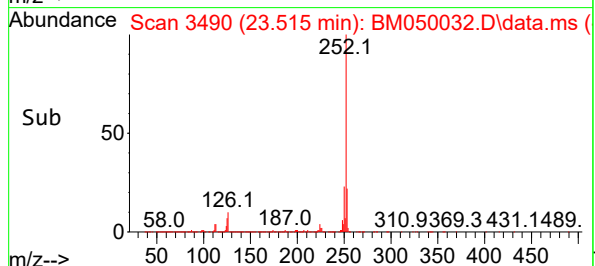
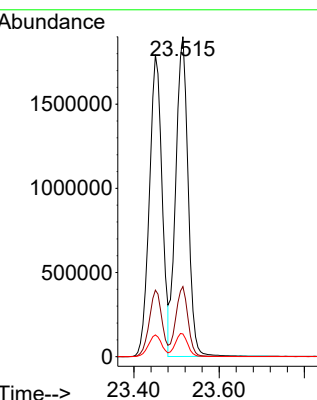
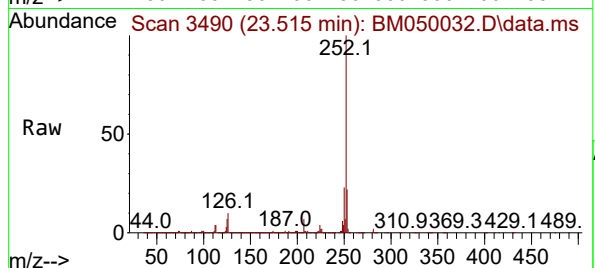
125 7.1 5.8 8.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 45.577 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

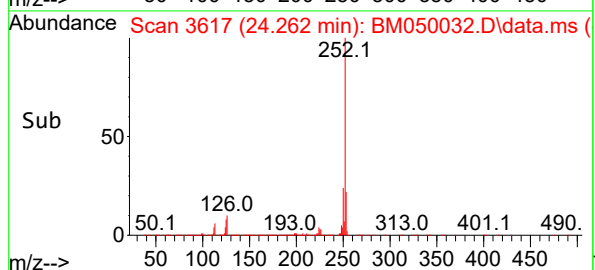
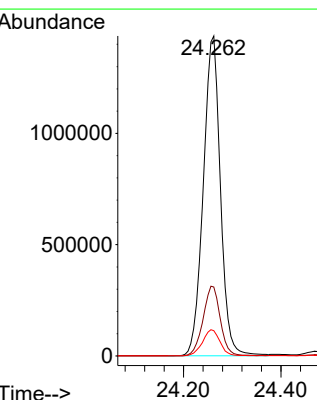
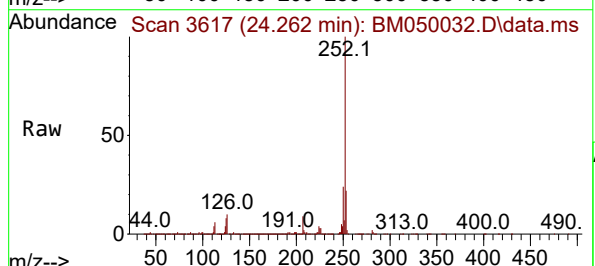
Tgt Ion:252 Resp: 3515582

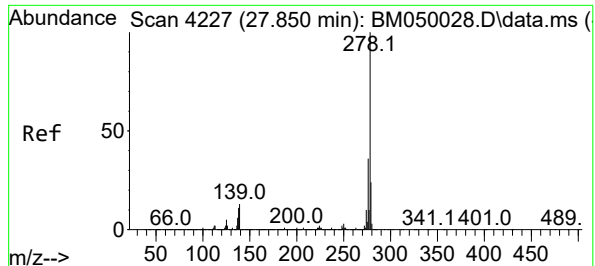
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

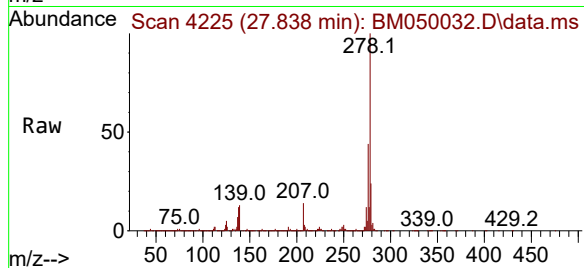
125 7.9 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 4225
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

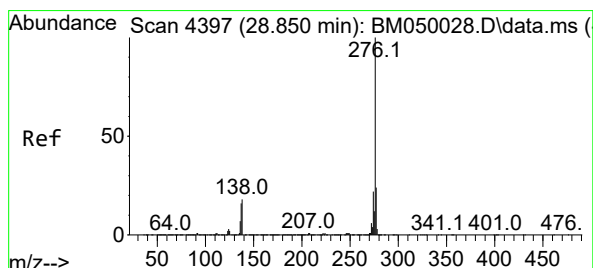
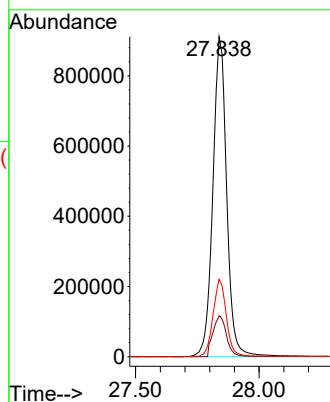
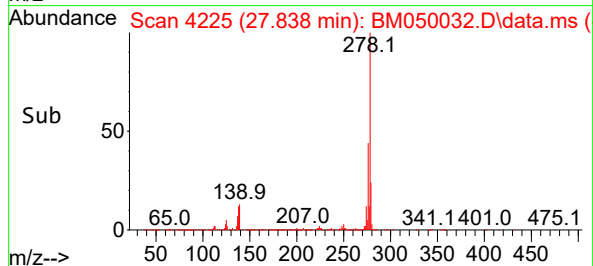
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



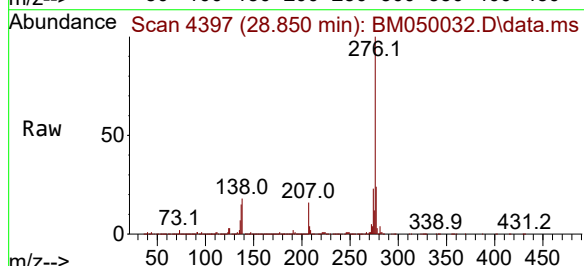
Tgt Ion:278 Resp: 354529
Ion Ratio Lower Upper
278 100
139 12.7 10.5 15.7
279 24.1 19.4 29.0

Manual Integrations
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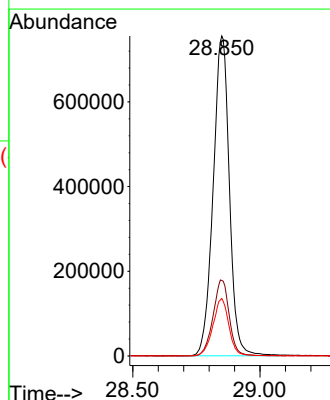
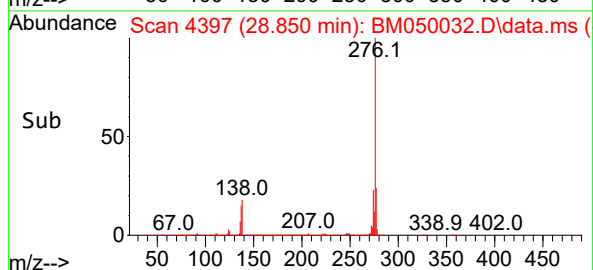
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



Tgt Ion:276 Resp: 3345997
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	95	0.00
2	1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3	Pyridine	1.258	1.464	-16.4	105	0.00
4	n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5 S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6	Aniline	1.813	2.118	-16.8	104	0.00
7 S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8	2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9	Benzaldehyde	0.961	1.055	-9.8	98	0.00
10 C	Phenol	1.453	1.704	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12	1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14	1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15	Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17	2-Methylphenol	0.957	1.129	-18.0	104	0.00
18	Hexachloroethane	0.533	0.596	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20	3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22	Acetophenone	0.497	0.561	-12.9	104	0.00
23 S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24	Nitrobenzene	0.351	0.396	-12.8	104	0.00
25	Isophorone	0.692	0.789	-14.0	107	0.00
26 C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27	2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28	bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29 C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31	Naphthalene	1.013	1.131	-11.6	105	0.00
32	Benzoic acid	0.190	0.219	-15.3	109	0.00
33	4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34 C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35	Caprolactam	0.097	0.113	-16.5	107	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37	2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38	1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43 C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44	2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45 S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46	1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47	2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	0.276	0.329	-19.2	112	0.00
49	Acenaphthylene	1.857	2.103	-13.2	109	0.00
50	Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51	2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52 C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53	3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54 P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55	Dibenzofuran	1.788	2.004	-12.1	109	0.00
56 P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57	2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58	Fluorene	1.463	1.687	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60	Diethylphthalate	1.377	1.560	-13.3	111	0.00
61	4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62	4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63	Azobenzene	1.154	1.320	-14.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67	4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68	Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69	Atrazine	0.222	0.246	-10.8	112	0.00
70 C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71	Phenanthrene	1.128	1.266	-12.2	115	0.00
72	Anthracene	1.142	1.295	-13.4	115	0.00
73	Carbazole	0.991	1.139	-14.9	116	0.00
74	Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75 C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzydine	0.710	0.785	-10.6	117	0.00
78	Pyrene	1.404	1.552	-10.5	118	0.00
79 S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80	Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81	Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82	3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83	Chrysene	1.275	1.433	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85 c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86 I	Perylene-d12	1.000	1.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88	Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89	Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90 C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91	Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	95	0.00
2	1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3	Pyridine	40.000	46.534	-16.3	105	0.00
4	n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5 S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6	Aniline	40.000	46.744	-16.9	104	0.00
7 S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8	2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9	Benzaldehyde	40.000	43.937	-9.8	98	0.00
10 C	Phenol	40.000	46.913	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12	1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14	1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15	Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17	2-Methylphenol	40.000	47.153	-17.9	104	0.00
18	Hexachloroethane	40.000	44.738	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20	3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22	Acetophenone	40.000	45.153	-12.9	104	0.00
23 S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24	Nitrobenzene	40.000	45.104	-12.8	104	0.00
25	Isophorone	40.000	45.596	-14.0	107	0.00
26 C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27	2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29 C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31	Naphthalene	40.000	44.651	-11.6	105	0.00
32	Benzoic acid	40.000	46.063	-15.2	109	0.00
33	4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34 C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35	Caprolactam	40.000	46.481	-16.2	107	0.00
36 C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37	2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38	1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44	2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45 S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46	1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47	2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	47.621	-19.1	112	0.00
49	Acenaphthylene	40.000	45.315	-13.3	109	0.00
50	Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51	2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52 C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53	3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54 P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55	Dibenzofuran	40.000	44.828	-12.1	109	0.00
56 P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57	2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58	Fluorene	40.000	46.115	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60	Diethylphthalate	40.000	45.299	-13.2	111	0.00
61	4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62	4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63	Azobenzene	40.000	45.747	-14.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67	4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68	Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69	Atrazine	40.000	44.483	-11.2	112	0.00
70 C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71	Phenanthrene	40.000	44.895	-12.2	115	0.00
72	Anthracene	40.000	45.381	-13.5	115	0.00
73	Carbazole	40.000	46.001	-15.0	116	0.00
74	Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75 C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	44.204	-10.5	117	0.00
78	Pyrene	40.000	44.209	-10.5	118	0.00
79 S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80	Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81	Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82	3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83	Chrysene	40.000	44.967	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85 c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86 I	Perylene-d12	20.000	20.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88	Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89	Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90 C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91	Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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: ALLI03

Lab Code: CHEM Case No.: Q1870 SAS No.: Q1870 SDG No.: Q1870

Instrument ID: BNA_M Calibration Date/Time: 04/29/2025 09:13

Lab File ID: BM050035.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.236		8.2	
Phenol-d6	1.436	1.548		7.8	
Nitrobenzene-d5	0.406	0.443		9.1	
2,4-Dimethylphenol	0.297	0.320		7.7	
2-Fluorobiphenyl	1.691	1.844		9.0	
2,4,6-Tribromophenol	0.296	0.317		7.1	
Terphenyl-d14	1.352	1.558		15.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251798	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	911122	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	601329	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1168787	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1131297	20.000	ng	0.00
86) Perylene-d12	24.397	264	1083535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1244417	86.540	ng	0.00
7) Phenol-d6	6.951	99	1559585	86.292	ng	0.00
23) Nitrobenzene-d5	8.928	82	1614752	87.331	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	763570	85.877	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4435059	87.250	ng	0.00
79) Terphenyl-d14	19.780	244	7051330	92.232	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	260897	42.315	ng	99
3) Pyridine	3.657	79	683242	43.130	ng	98
4) n-Nitrosodimethylamine	3.563	42	270637	43.559	ng	99
6) Aniline	7.092	93	975499	42.744	ng	99
8) 2-Chlorophenol	7.334	128	657477	42.288	ng	98
9) Benzaldehyde	6.910	77	523898	43.316	ng	99
10) Phenol	6.975	94	784591	42.882	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	649407	42.507	ng	99
12) 1,3-Dichlorobenzene	7.657	146	790208	42.075	ng	98
13) 1,4-Dichlorobenzene	7.798	146	791544	41.952	ng	99
14) 1,2-Dichlorobenzene	8.116	146	763771	41.907	ng	99
15) Benzyl Alcohol	8.010	79	538030	42.926	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	790587	42.570	ng	100
17) 2-Methylphenol	8.222	107	513323	42.588	ng	99
18) Hexachloroethane	8.839	117	279065	41.608	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	501010	43.222	ng	99
20) 3+4-Methylphenols	8.551	107	693924	42.632	ng	98
22) Acetophenone	8.592	105	968615	42.761	ng	# 98
24) Nitrobenzene	8.969	77	689628	43.135	ng	99
25) Isophorone	9.492	82	1339237	42.491	ng	99
26) 2-Nitrophenol	9.680	139	354831	43.443	ng	100
27) 2,4-Dimethylphenol	9.745	122	583473	43.077	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	835282	42.878	ng	99
29) 2,4-Dichlorophenol	10.227	162	655443	43.194	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	782539	42.327	ng	99
31) Naphthalene	10.610	128	1950484	42.272	ng	100
32) Benzoic acid	9.910	122	356984	41.208	ng	98
33) 4-Chloroaniline	10.727	127	821192	43.420	ng	98
34) Hexachlorobutadiene	10.892	225	493312	42.036	ng	97
35) Caprolactam	11.516	113	181927	41.119	ng	90
36) 4-Chloro-3-methylphenol	11.869	107	592040	42.230	ng	99
37) 2-Methylnaphthalene	12.227	142	1306580	42.236	ng	99
38) 1-Methylnaphthalene	12.445	142	1379941	42.151	ng	98
40) 1,2,4,5-Tetrachloroben...	12.598	216	888773	42.696	ng	99
41) Hexachlorocyclopentadiene	12.574	237	549948	43.230	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	568179	43.034	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

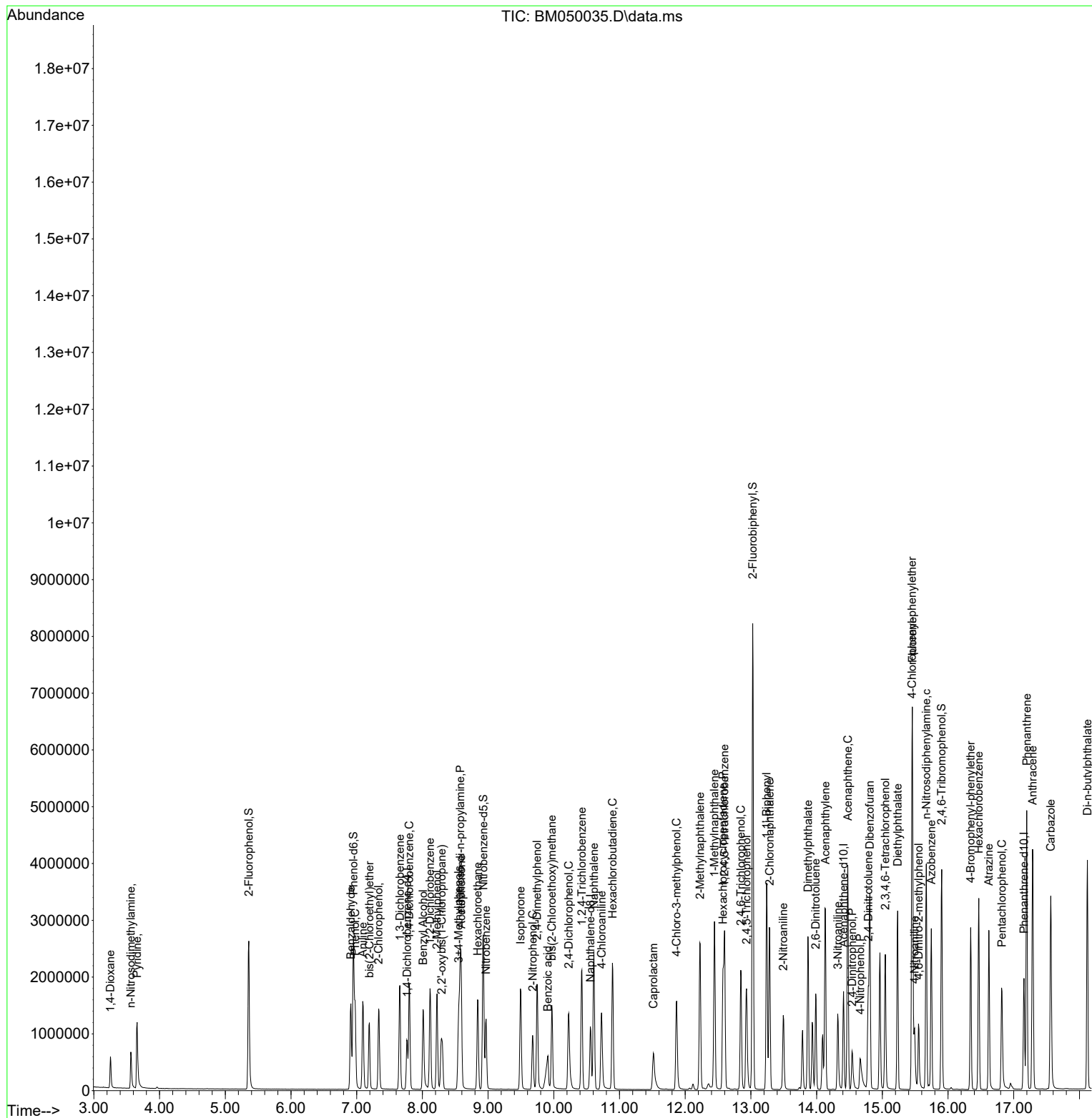
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	608549	42.743	ng	97
46) 1,1'-Biphenyl	13.239	154	1898342	42.469	ng	99
47) 2-Chloronaphthalene	13.286	162	1513860	42.762	ng	99
48) 2-Nitroaniline	13.492	65	360109	43.340	ng	98
49) Acenaphthylene	14.133	152	2364901	42.368	ng	100
50) Dimethylphthalate	13.868	163	1829848	41.639	ng	100
51) 2,6-Dinitrotoluene	13.986	165	394222	43.327	ng	96
52) Acenaphthene	14.474	154	1370590	42.420	ng	100
53) 3-Nitroaniline	14.321	138	377639	43.473	ng	97
54) 2,4-Dinitrophenol	14.539	184	211939	39.527	ng	97
55) Dibenzofuran	14.810	168	2270938	42.245	ng	99
56) 4-Nitrophenol	14.662	139	267064	40.182	ng	97
57) 2,4-Dinitrotoluene	14.786	165	546728	43.486	ng	100
58) Fluorene	15.457	166	1888892	42.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	517108	41.959	ng	100
60) Diethylphthalate	15.233	149	1717970	41.488	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1040541	43.055	ng	99
62) 4-Nitroaniline	15.492	138	369071	44.036	ng	99
63) Azobenzene	15.745	77	1480480	42.660	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	318168	43.488	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1539372	42.891	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	606545	42.914	ng	99
68) Hexachlorobenzene	16.468	284	691089	42.419	ng	98
69) Atrazine	16.621	200	551763	42.620	ng	99
70) Pentachlorophenol	16.821	266	393862	42.948	ng	99
71) Phenanthrene	17.198	178	2816126	42.720	ng	100
72) Anthracene	17.286	178	2856620	42.821	ng	99
73) Carbazole	17.562	167	2483913	42.908	ng	99
74) Di-n-butylphthalate	18.121	149	2964111	42.996	ng	100
75) Fluoranthene	19.215	202	3322208	42.925	ng	100
77) Benzidine	19.403	184	1733787	43.146	ng	100
78) Pyrene	19.580	202	3439327	43.293	ng	100
80) Butylbenzylphthalate	20.474	149	1266345	42.560	ng	97
81) Benzo(a)anthracene	21.374	228	3352850	43.038	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1278186	42.860	ng	99
83) Chrysene	21.438	228	3083803	42.770	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1947622	43.823	ng	99
85) Di-n-octyl phthalate	22.421	149	3090238	42.163	ng	100
87) Indeno(1,2,3-cd)pyrene	27.785	276	3493137	43.266	ng	100
88) Benzo(b)fluoranthene	23.450	252	3072688	43.606	ng	100
89) Benzo(k)fluoranthene	23.509	252	3061512	42.952	ng	100
90) Benzo(a)pyrene	24.256	252	2835173	42.958	ng	100
91) Dibenzo(a,h)anthracene	27.832	278	2845715	43.239	ng	100
92) Benzo(g,h,i)perylene	28.844	276	2687489	42.653	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

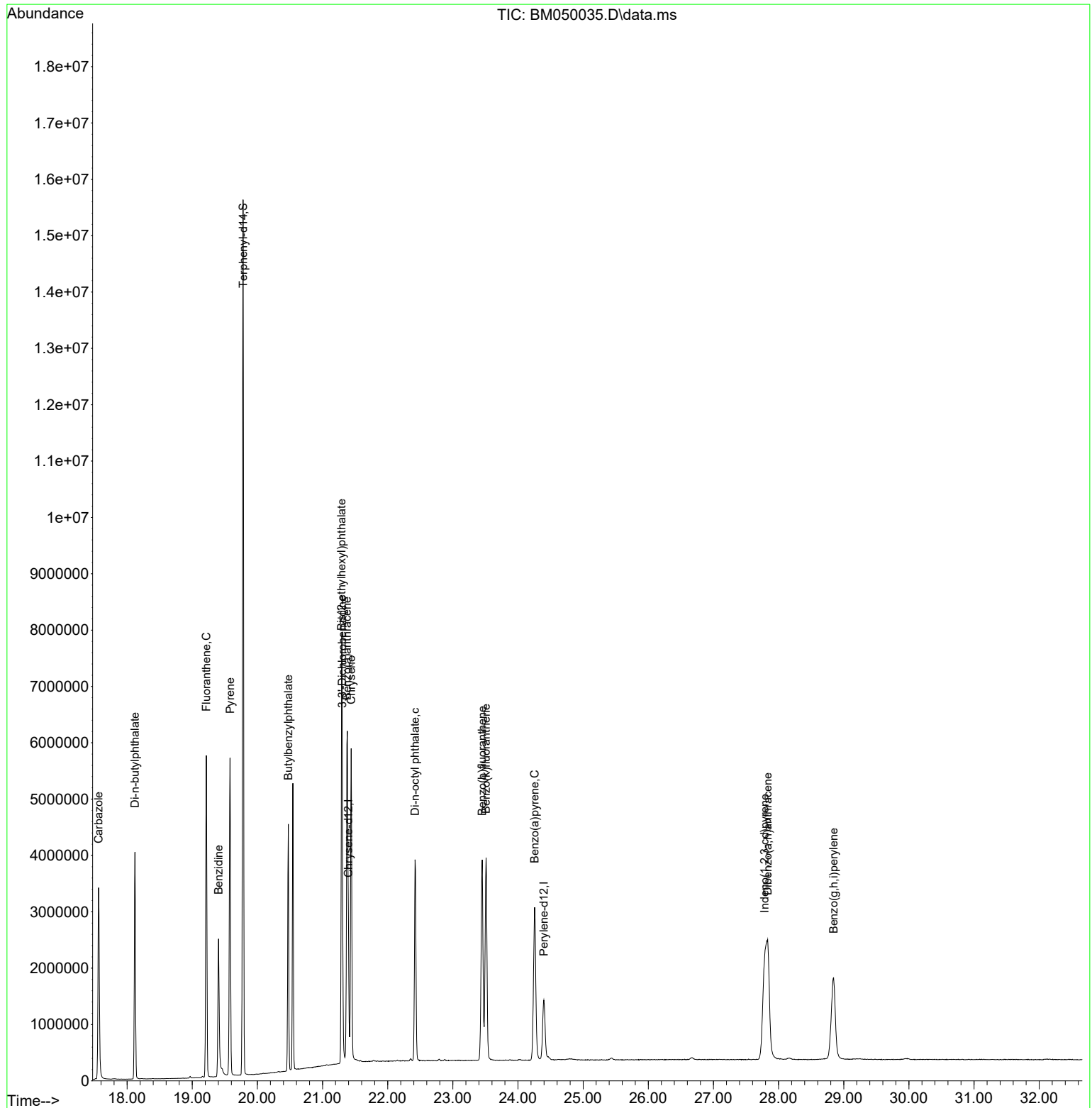
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 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

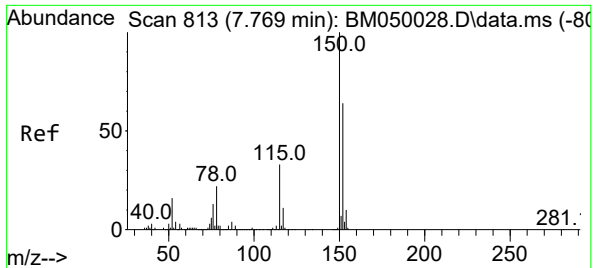


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Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
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Qlast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

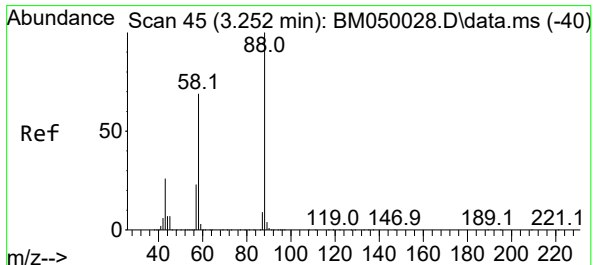
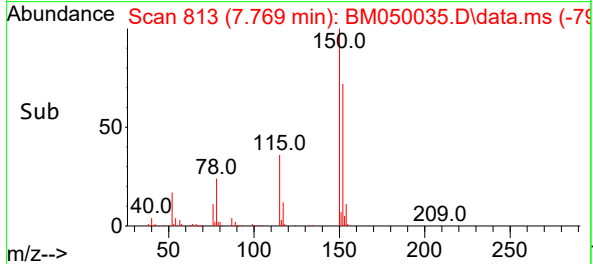
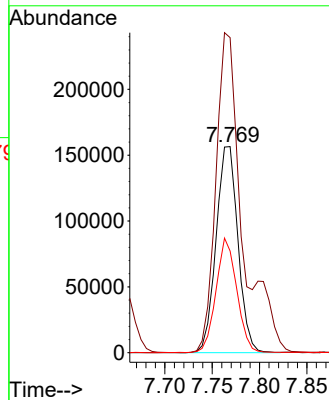
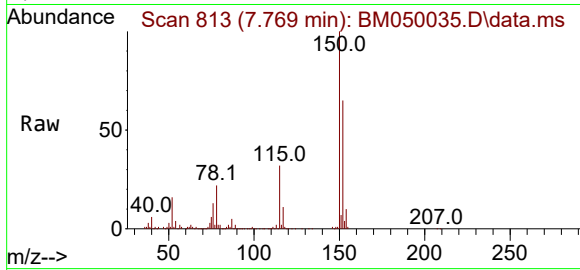




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

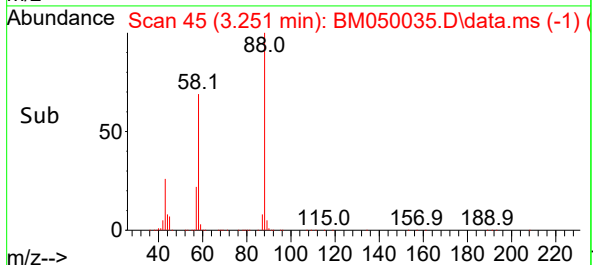
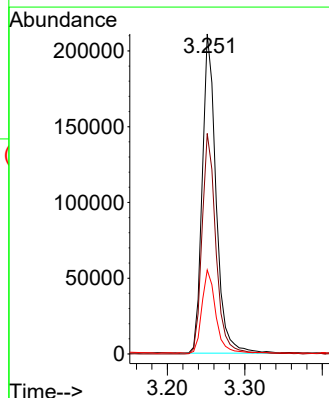
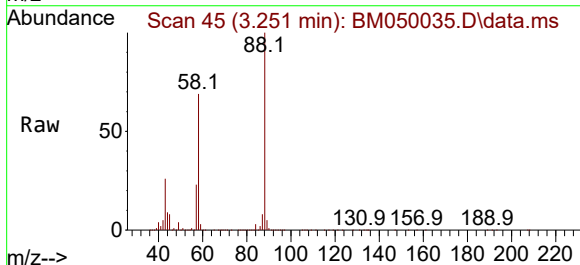
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

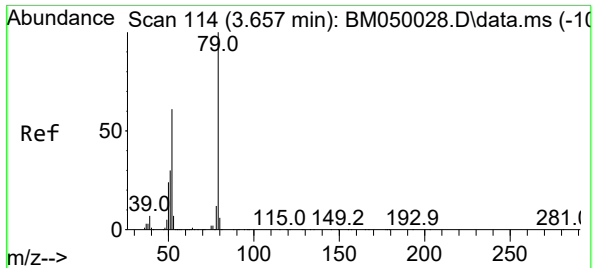
Tgt Ion:152 Resp: 251798
Ion Ratio Lower Upper
152 100
150 152.9 124.1 186.1
115 49.3 41.2 61.8



#2
1,4-Dioxane
Concen: 42.315 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 88 Resp: 260897
Ion Ratio Lower Upper
88 100
58 69.8 55.1 82.7
43 25.9 20.9 31.3

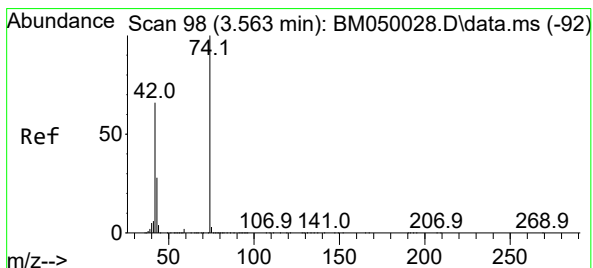
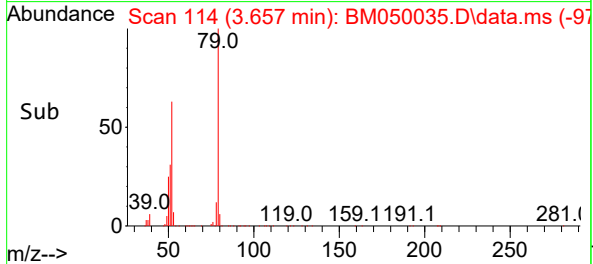
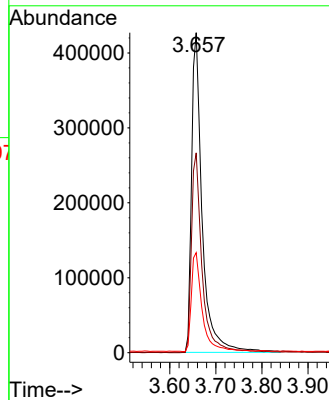
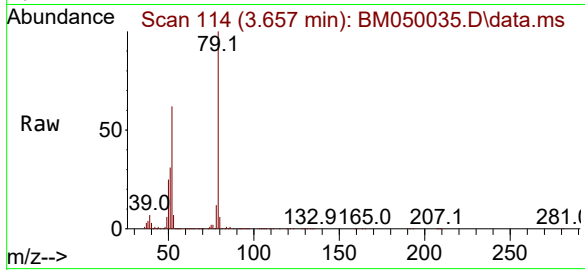




#3
Pyridine
Concen: 43.130 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

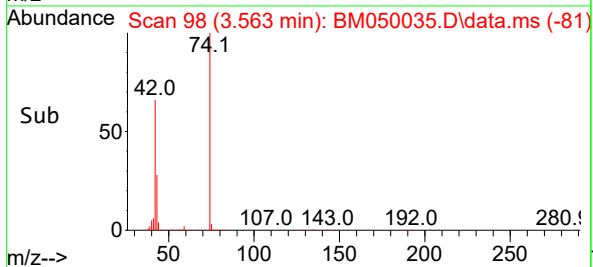
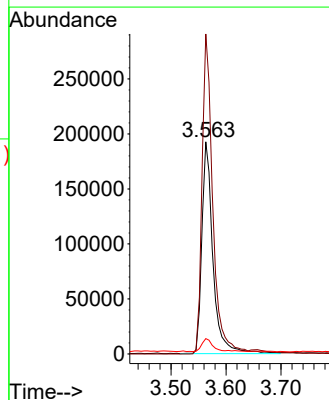
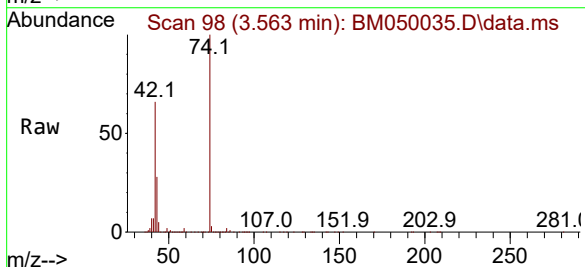
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

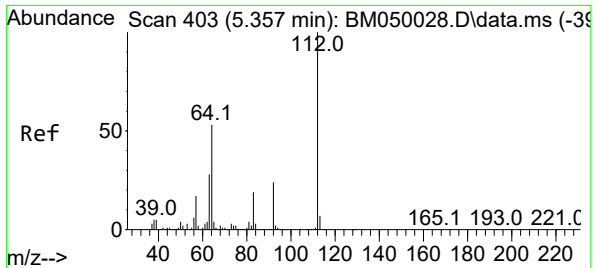
Tgt Ion: 79 Resp: 683242
Ion Ratio Lower Upper
79 100
52 62.5 48.6 72.8
51 31.3 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 43.559 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 42 Resp: 270637
Ion Ratio Lower Upper
42 100
74 150.8 120.2 180.2
44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 86.540 ng

RT: 5.357 min Scan# 403

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

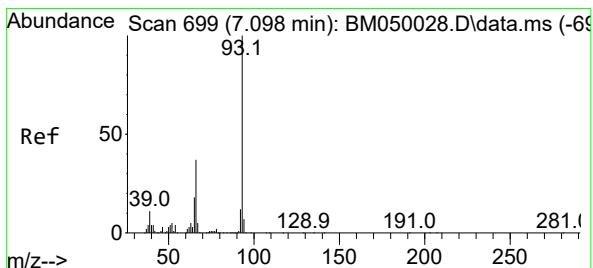
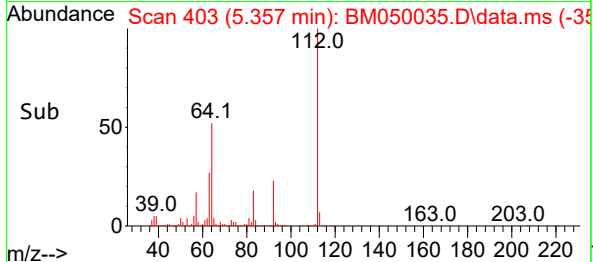
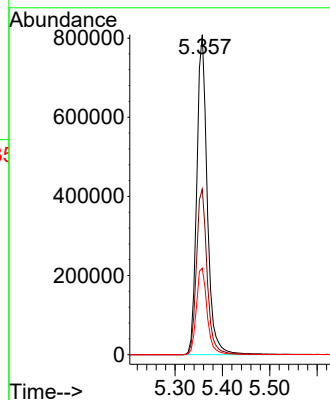
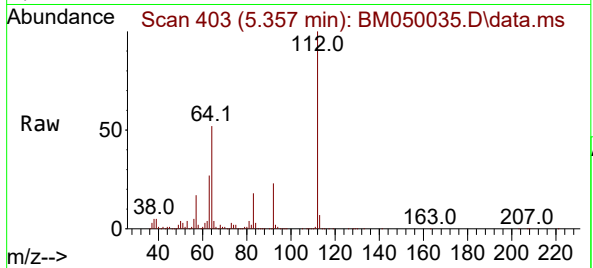
Tgt Ion:112 Resp: 1244417

Ion Ratio Lower Upper

112 100

64 51.7 42.6 64.0

63 27.1 22.2 33.4



#6

Aniline

Concen: 42.744 ng

RT: 7.092 min Scan# 698

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

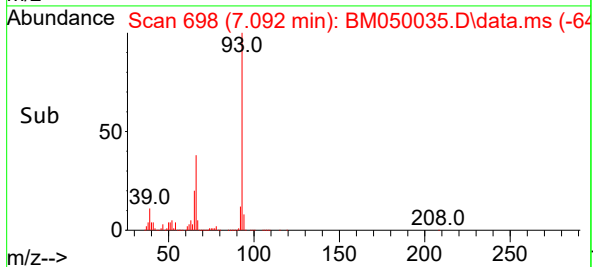
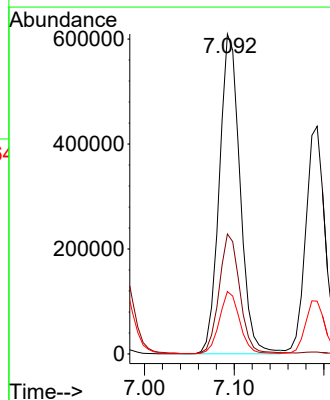
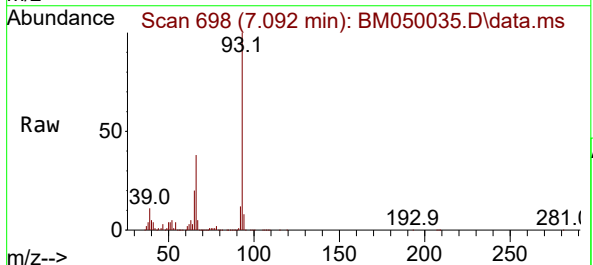
Tgt Ion: 93 Resp: 975499

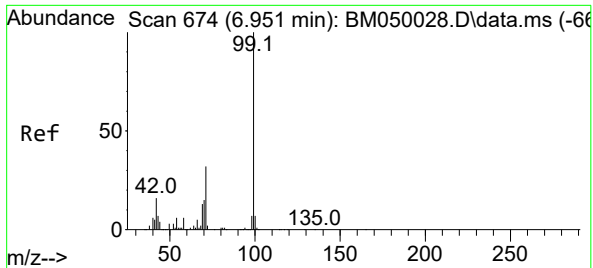
Ion Ratio Lower Upper

93 100

66 37.5 29.9 44.9

65 19.5 14.5 21.7

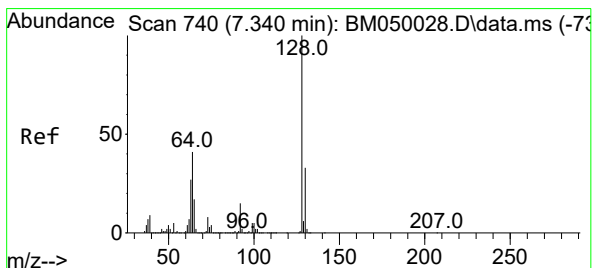
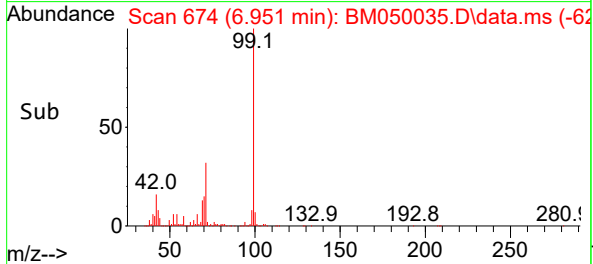
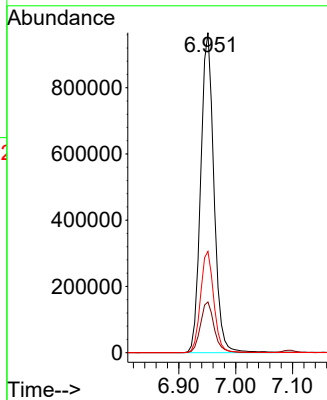
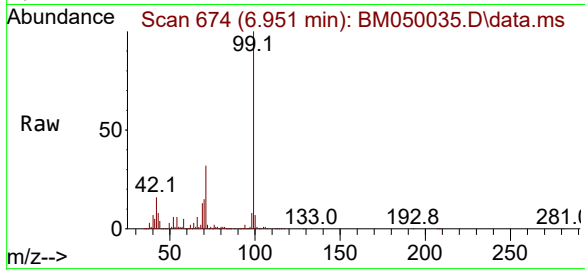




#7
Phenol-d6
Concen: 86.292 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

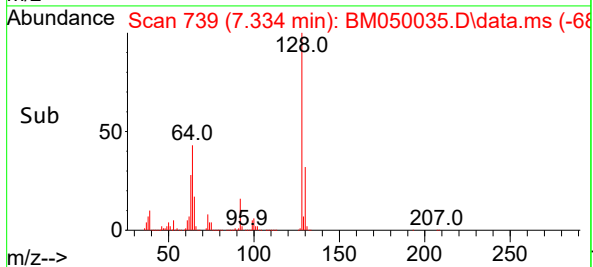
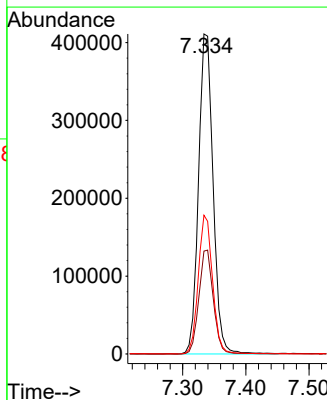
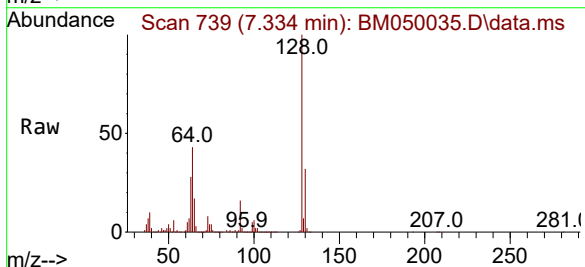
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

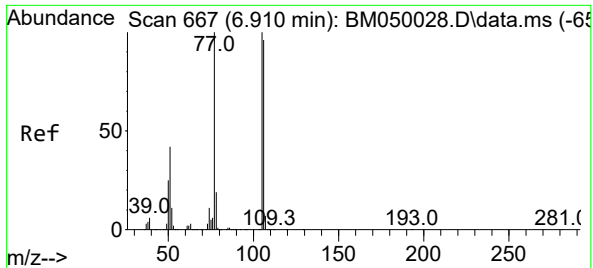
Tgt Ion: 99 Resp: 1559585
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 31.7 25.6 38.4



#8
2-Chlorophenol
Concen: 42.288 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 128 Resp: 657477
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 43.4 21.2 61.2

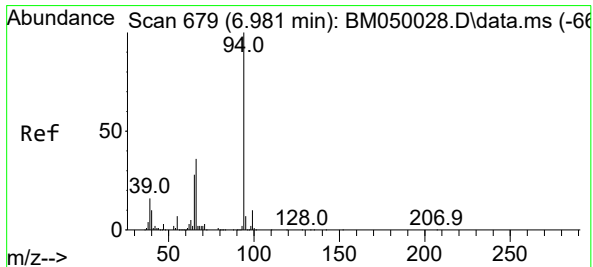
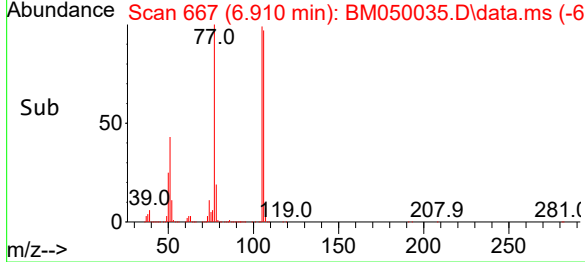
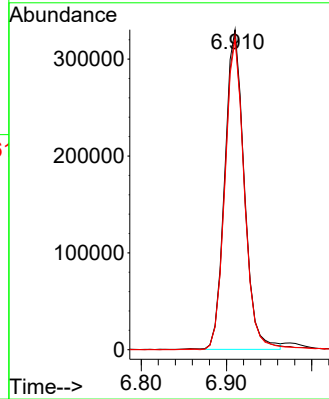
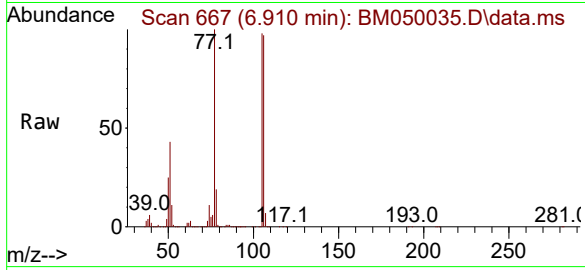




#9
Benzaldehyde
Concen: 43.316 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

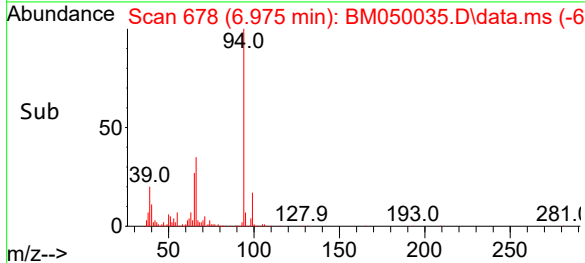
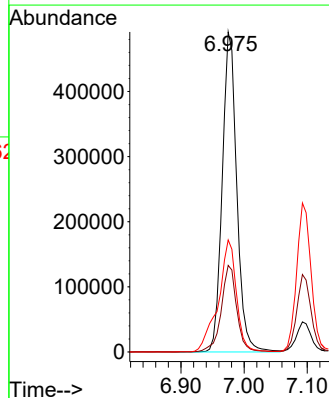
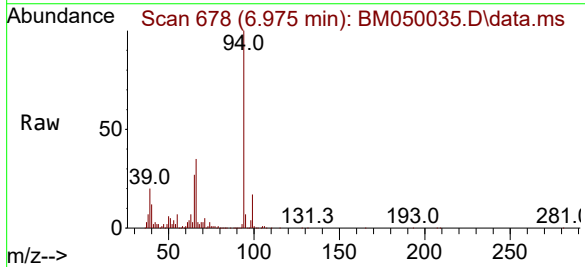
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

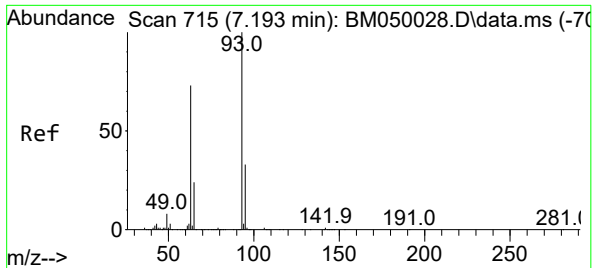
Tgt Ion: 77 Resp: 523898
Ion Ratio Lower Upper
77 100
105 98.5 80.5 120.5
106 97.0 76.1 116.1



#10
Phenol
Concen: 42.882 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 94 Resp: 784591
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 35.0 15.8 55.8

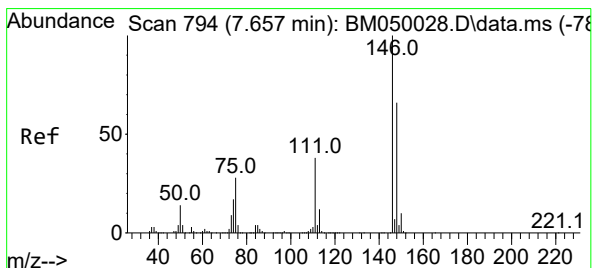
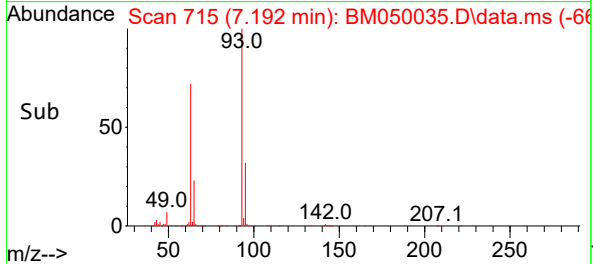
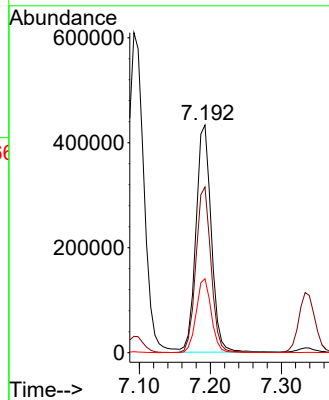
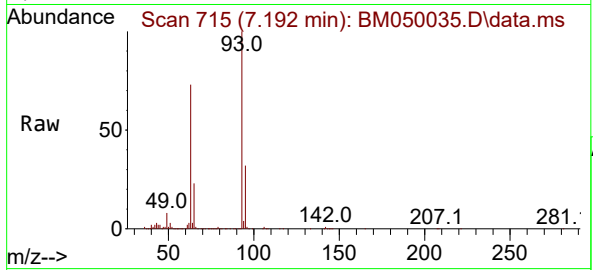




#11
bis(2-Chloroethyl)ether
Concen: 42.507 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

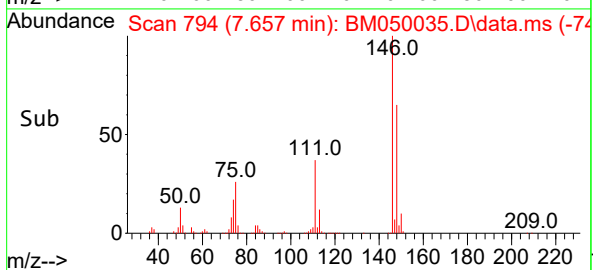
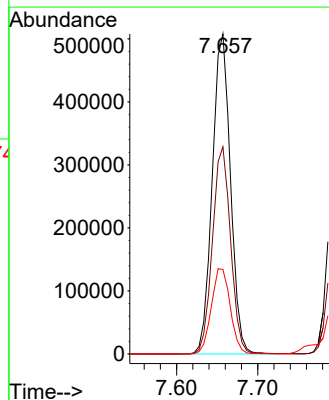
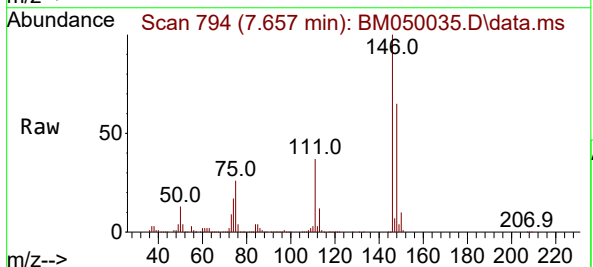
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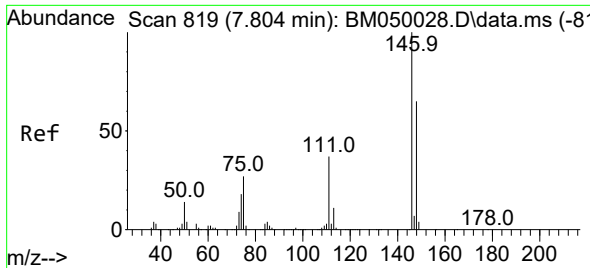
Tgt Ion: 93 Resp: 649407
Ion Ratio Lower Upper
93 100
63 72.8 52.3 92.3
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.075 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 146 Resp: 790208
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 26.4 22.6 34.0

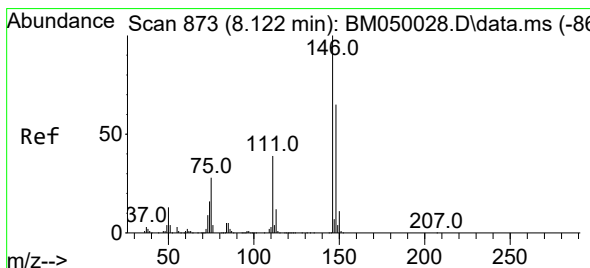
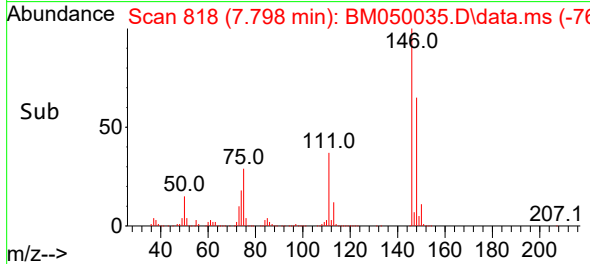
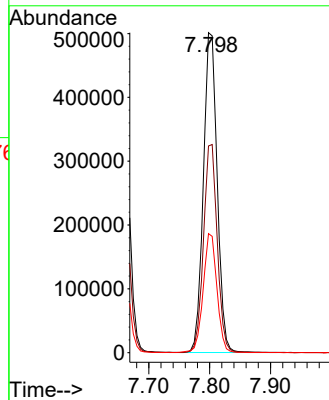
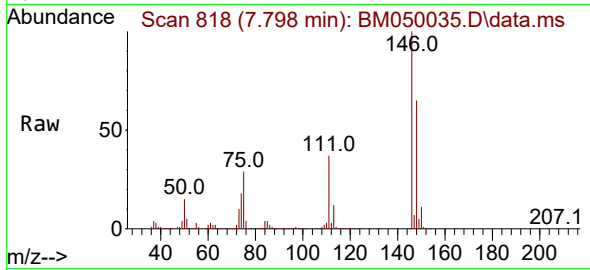




#13
1,4-Dichlorobenzene
Concen: 41.952 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

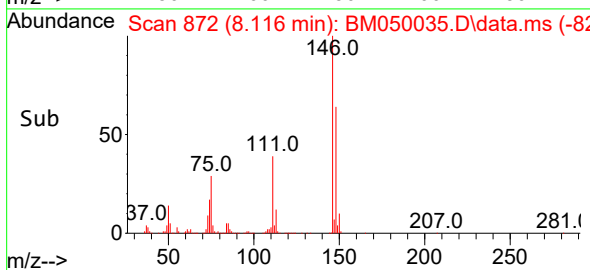
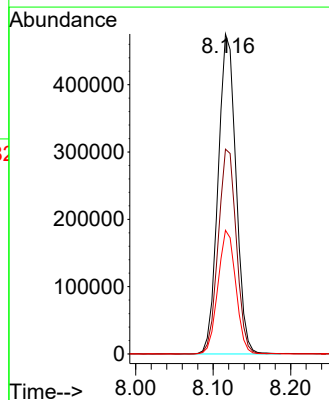
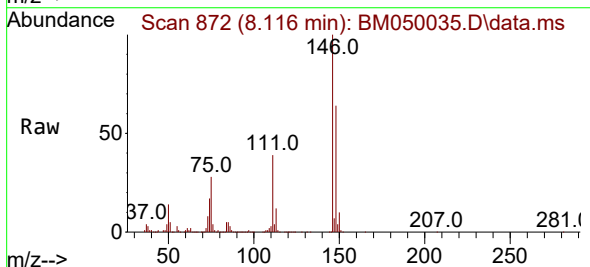
Instrument :
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ClientSampleId :
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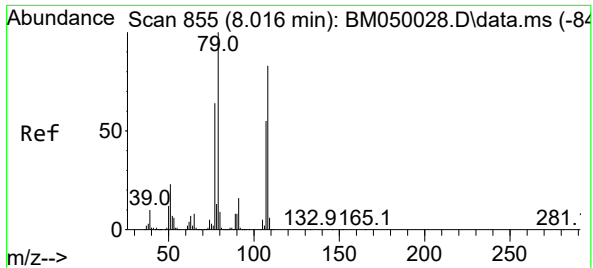
Tgt Ion:146 Resp: 791544
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
111 37.2 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 41.907 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:146 Resp: 763771
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
111 38.6 31.0 46.6





#15

Benzyl Alcohol

Concen: 42.926 ng

RT: 8.010 min Scan# 855

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

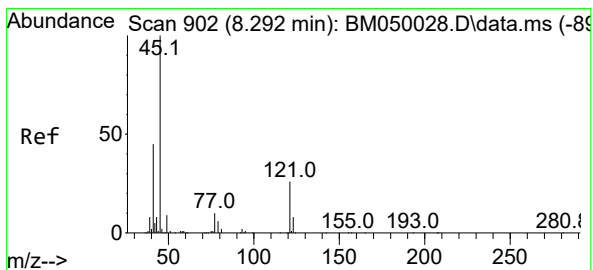
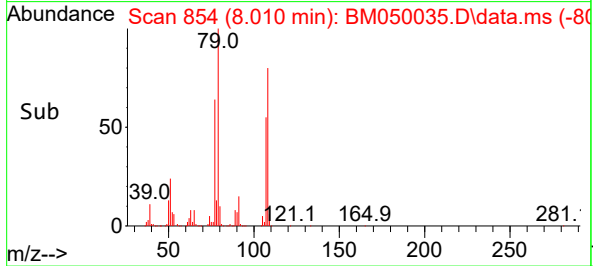
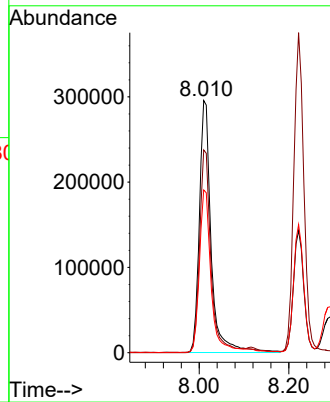
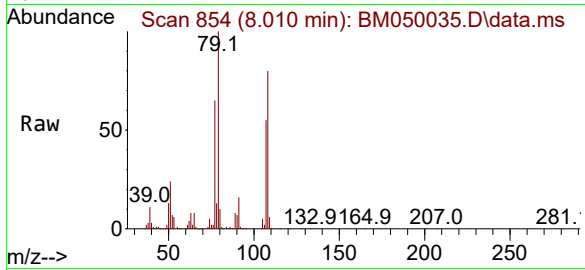
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 538030

Ion	Ratio	Lower	Upper
79	100		
108	80.4	66.0	99.0
77	64.5	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.570 ng

RT: 8.292 min Scan# 902

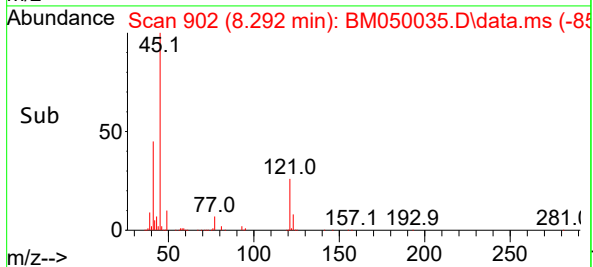
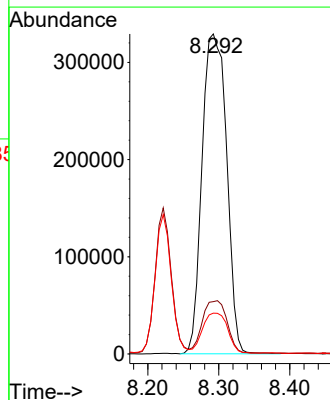
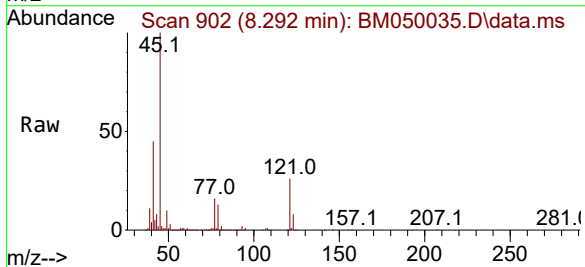
Delta R.T. -0.000 min

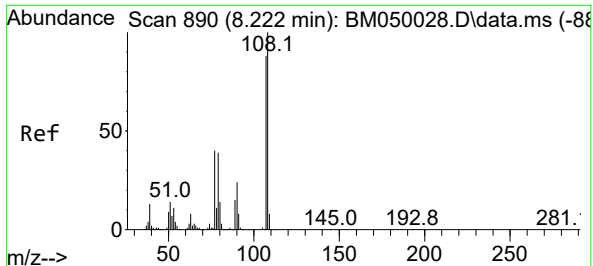
Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Tgt Ion: 45 Resp: 790587

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.8	0.0	32.7





#17

2-Methylphenol

Concen: 42.588 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 513323

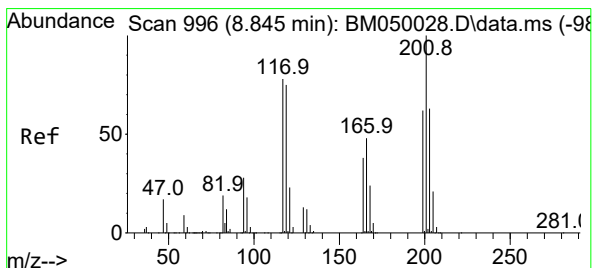
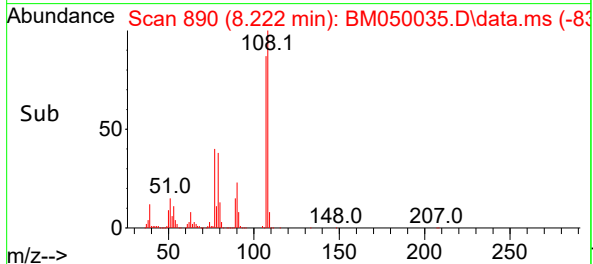
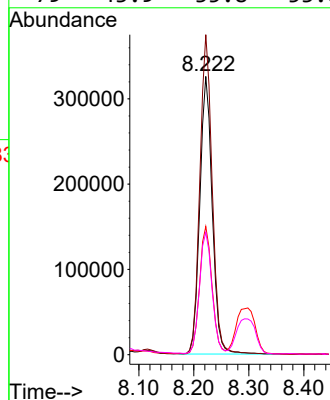
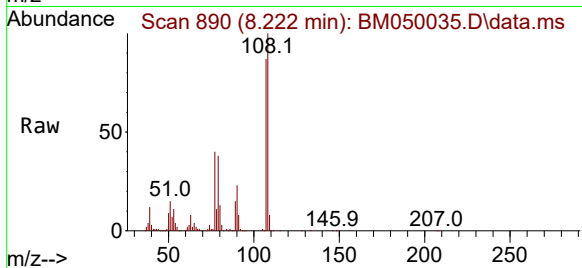
Ion Ratio Lower Upper

107 100

108 115.0 91.1 136.7

77 46.1 36.2 54.4

79 43.9 35.8 53.8



#18

Hexachloroethane

Concen: 41.608 ng

RT: 8.839 min Scan# 995

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

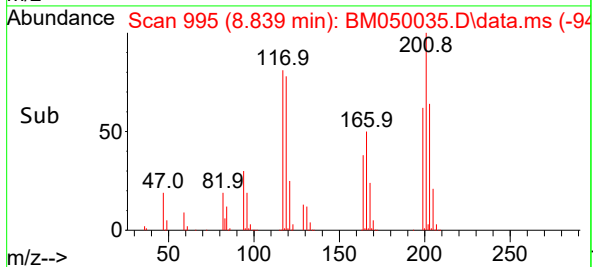
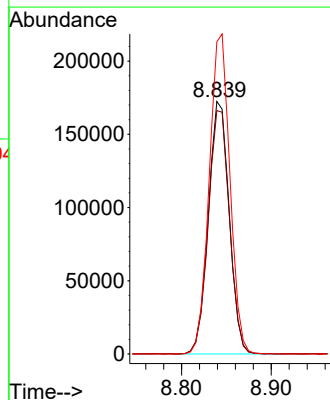
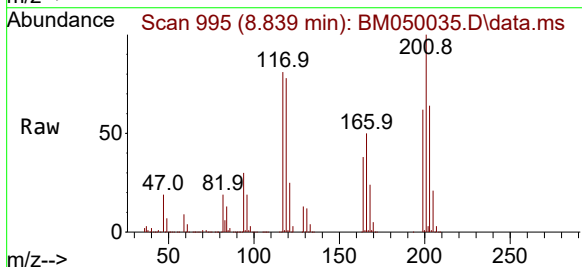
Tgt Ion:117 Resp: 279065

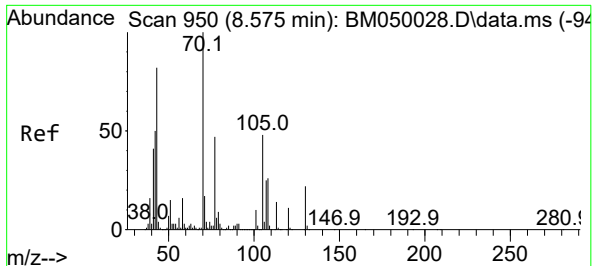
Ion Ratio Lower Upper

117 100

119 96.4 77.3 115.9

201 123.6 102.8 154.2

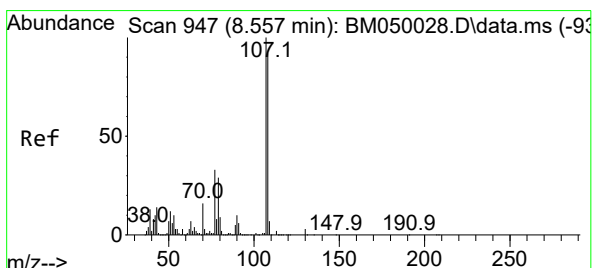
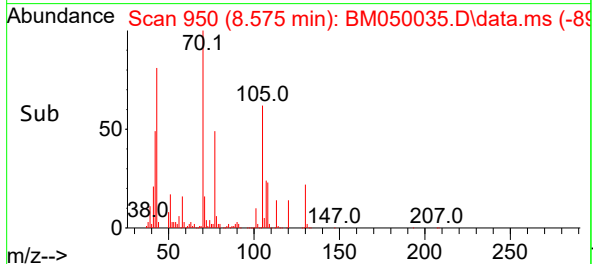
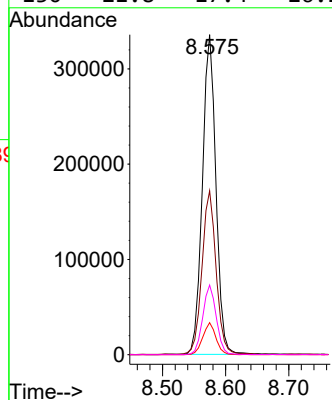
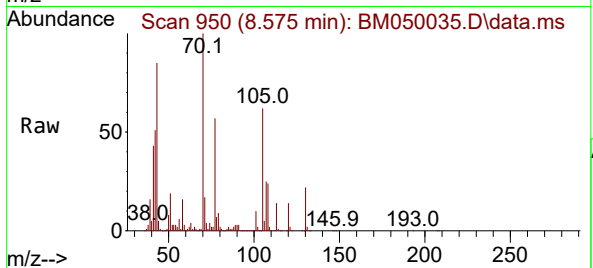




#19
n-Nitroso-di-n-propylamine
Concen: 43.222 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

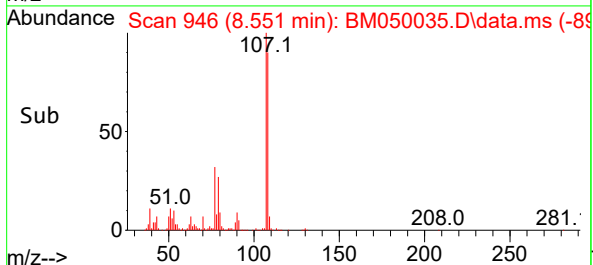
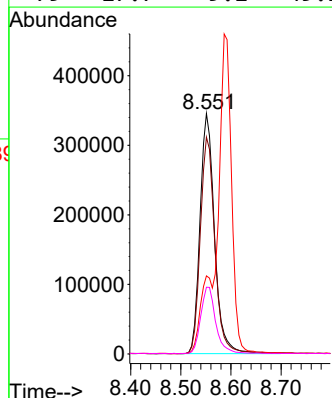
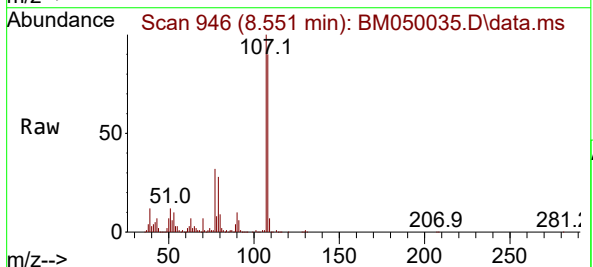
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

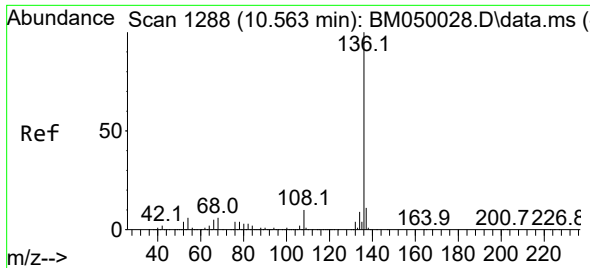
Tgt Ion: 70 Resp: 501010
Ion Ratio Lower Upper
70 100
42 51.2 40.5 60.7
101 10.0 7.8 11.6
130 21.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.632 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 107 Resp: 693924
Ion Ratio Lower Upper
107 100
108 90.2 72.4 112.4
77 32.5 13.6 53.6
79 27.7 9.2 49.2

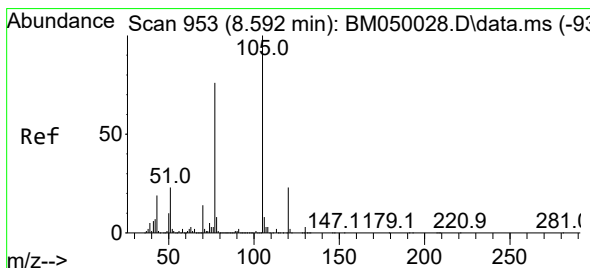
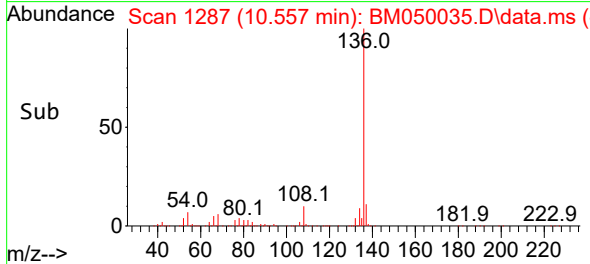
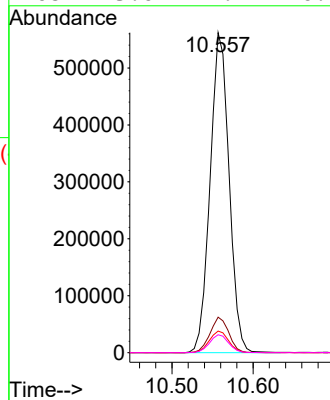
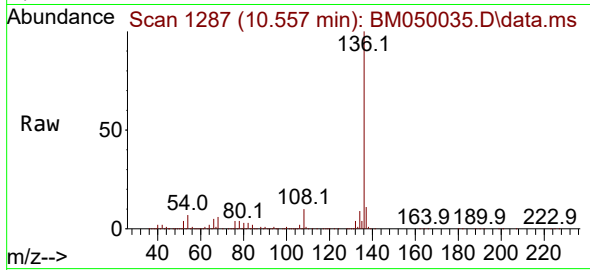




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

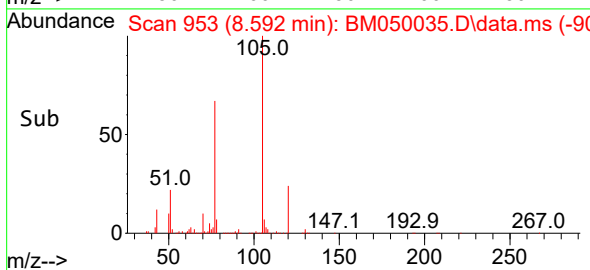
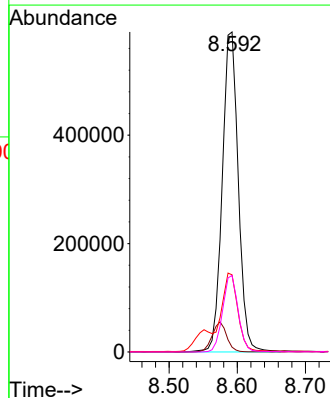
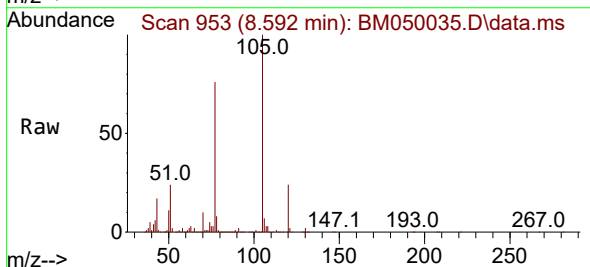
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

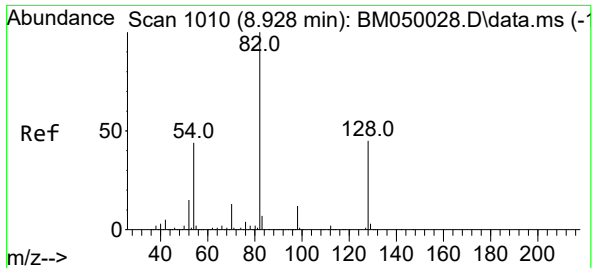
Tgt Ion:136 Resp: 911122
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 5.1 7.7
68 5.6 4.4 6.6



#22
Acetophenone
Concen: 42.761 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:105 Resp: 968615
Ion Ratio Lower Upper
105 100
71 1.5 1.7 2.5#
51 24.1 18.6 27.8
120 23.9 18.3 27.5

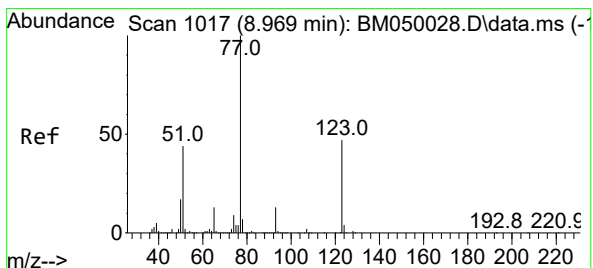
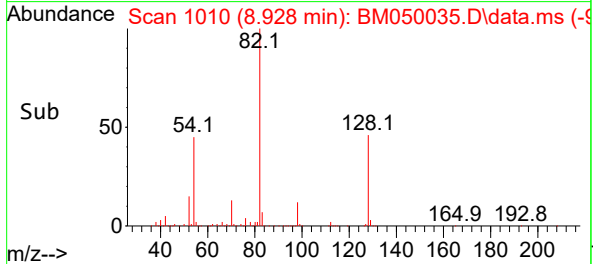
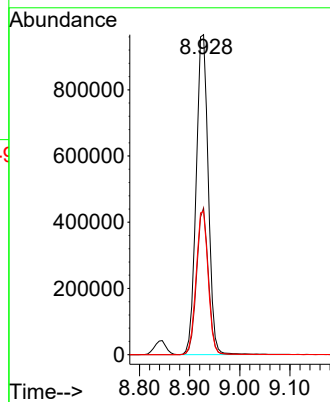
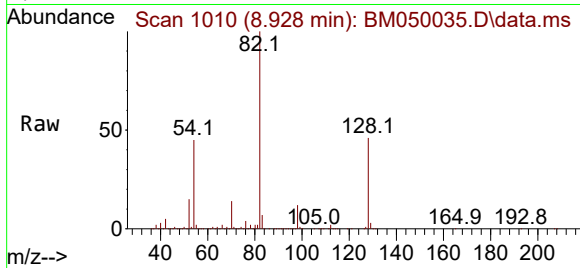




#23
Nitrobenzene-d5
Concen: 87.331 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

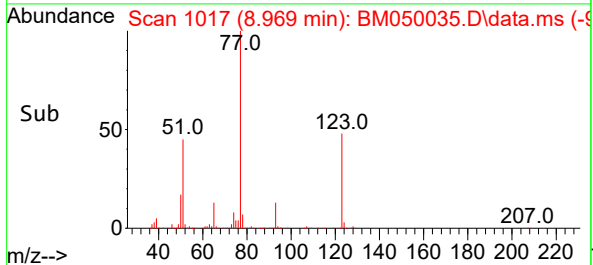
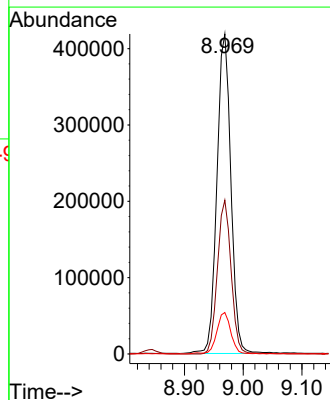
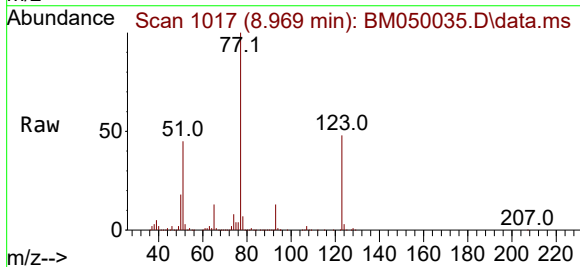
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

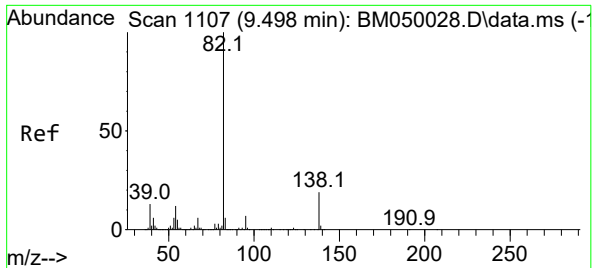
Tgt Ion: 82 Resp: 1614752
Ion Ratio Lower Upper
82 100
128 45.9 35.7 53.5
54 44.8 35.4 53.2



#24
Nitrobenzene
Concen: 43.135 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 77 Resp: 689628
Ion Ratio Lower Upper
77 100
123 48.1 37.9 56.9
65 12.9 10.1 15.1

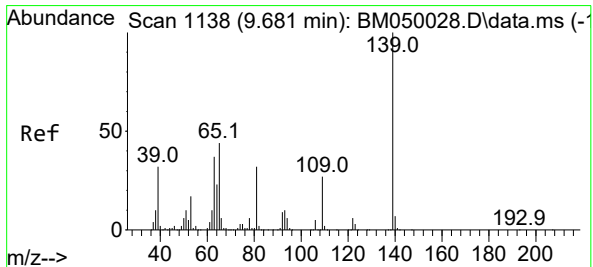
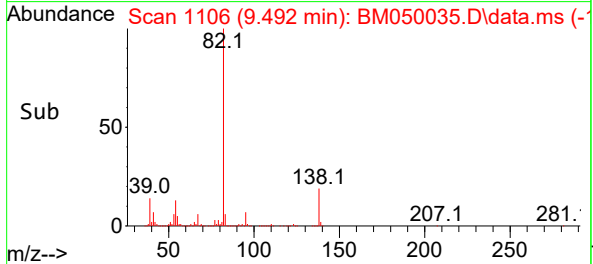
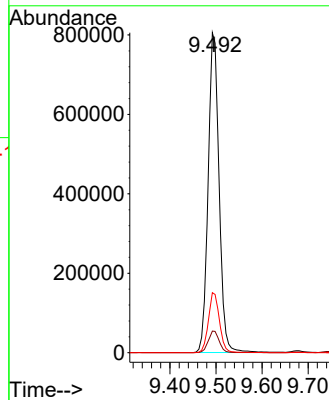
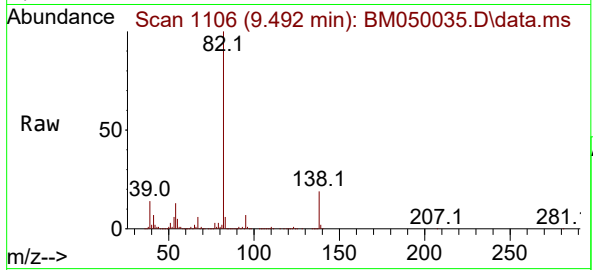




#25
Isophorone
Concen: 42.491 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

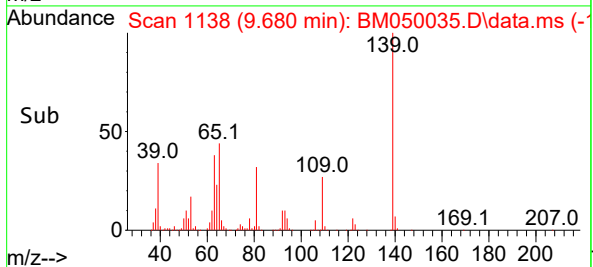
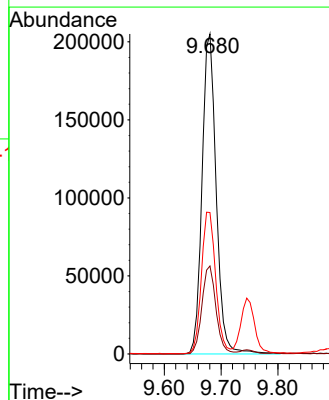
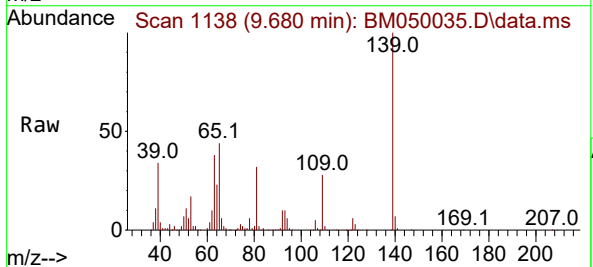
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

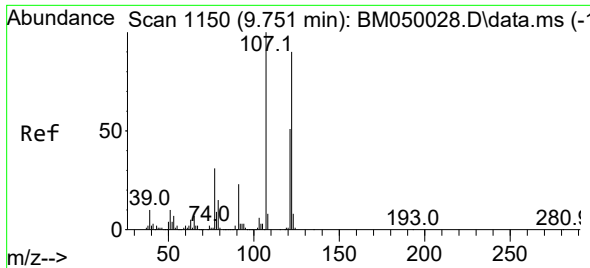
Tgt Ion: 82 Resp: 1339237
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 18.8 15.5 23.3



#26
2-Nitrophenol
Concen: 43.443 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 139 Resp: 354831
Ion Ratio Lower Upper
139 100
109 27.5 21.9 32.9
65 44.2 35.4 53.2

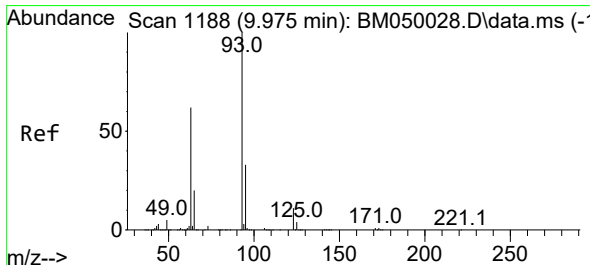
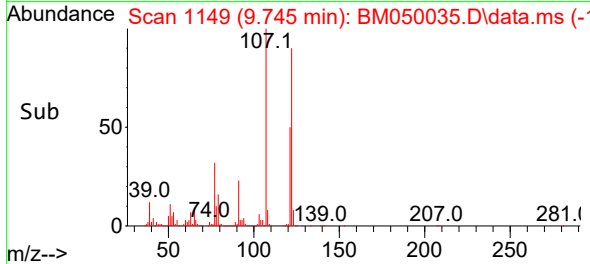
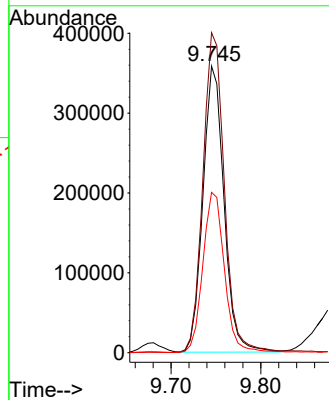
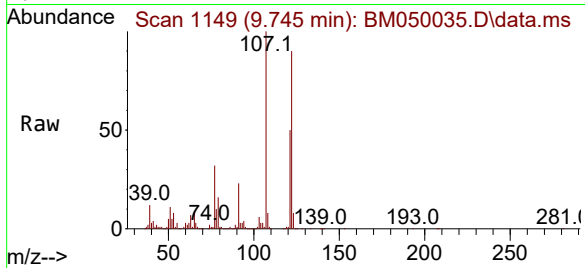




#27
2,4-Dimethylphenol
Concen: 43.077 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

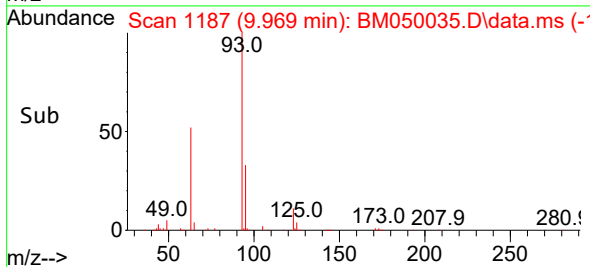
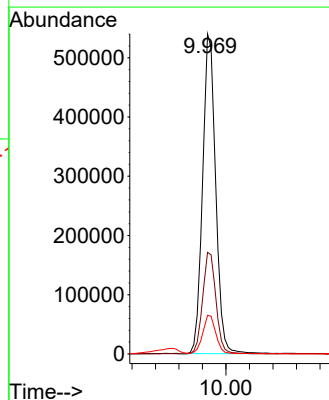
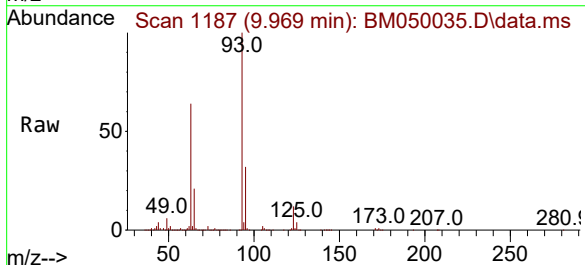
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

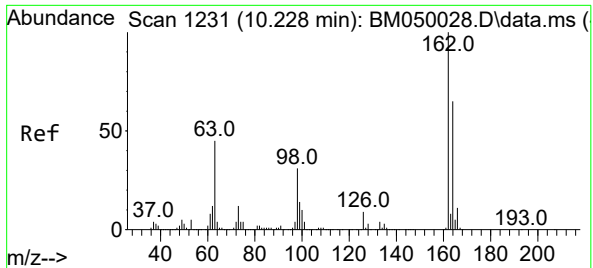
Tgt Ion:122 Resp: 583473
Ion Ratio Lower Upper
122 100
107 111.6 89.0 133.6
121 55.9 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.878 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 93 Resp: 835282
Ion Ratio Lower Upper
93 100
95 31.7 26.1 39.1
123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.194 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

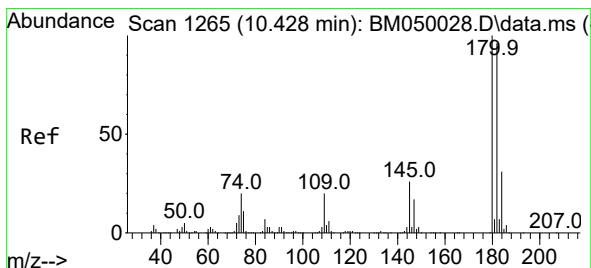
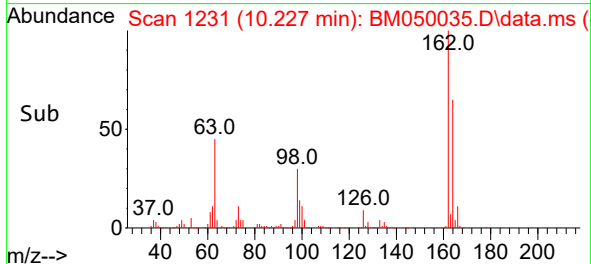
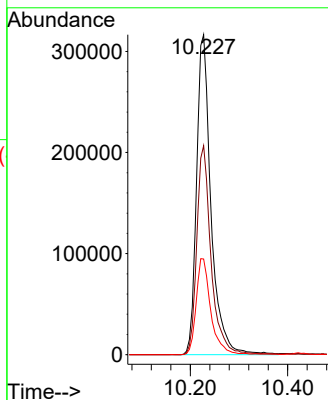
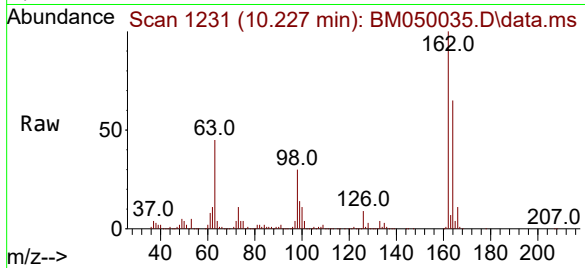
Tgt Ion:162 Resp: 655443

Ion Ratio Lower Upper

162 100

164 65.3 45.4 85.4

98 29.9 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.327 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

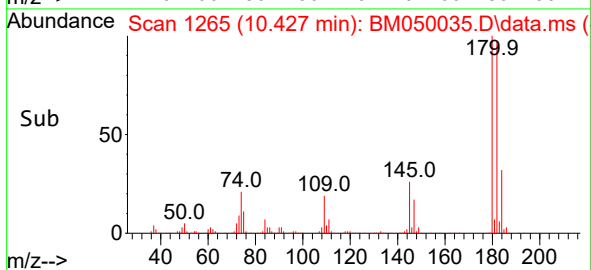
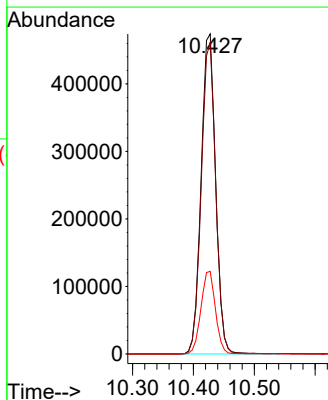
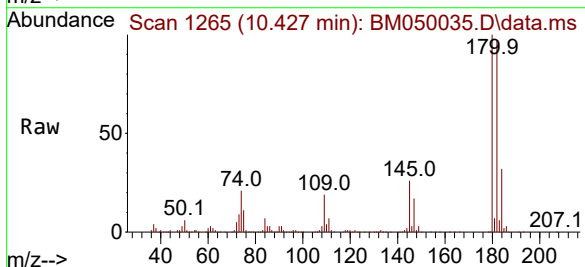
Tgt Ion:180 Resp: 782539

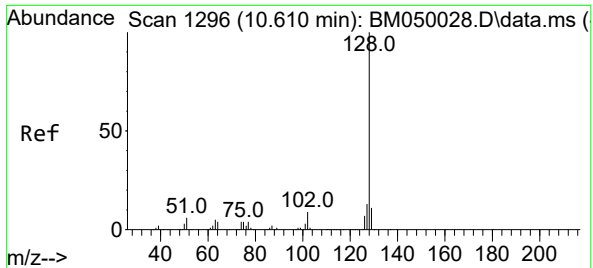
Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.4

145 25.8 20.6 30.8

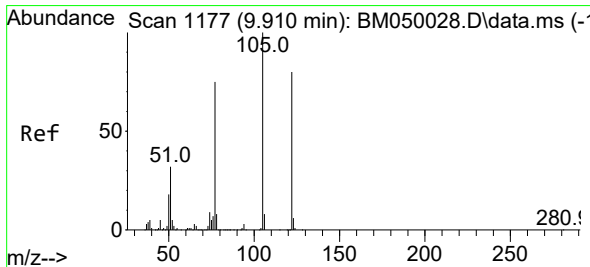
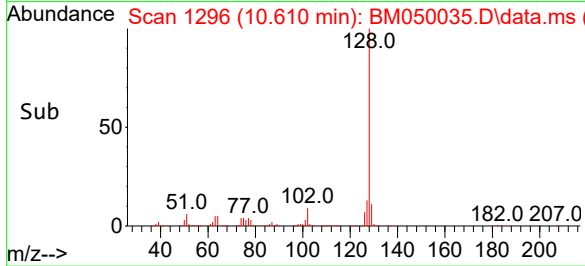
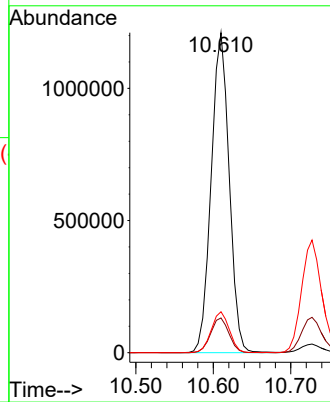
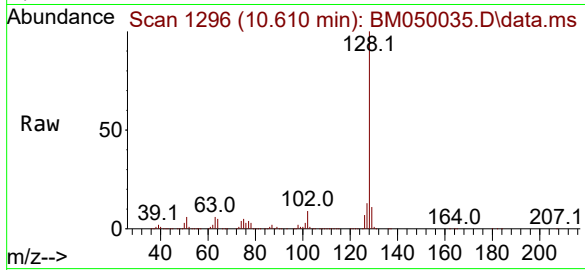




#31
Naphthalene
Concen: 42.272 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

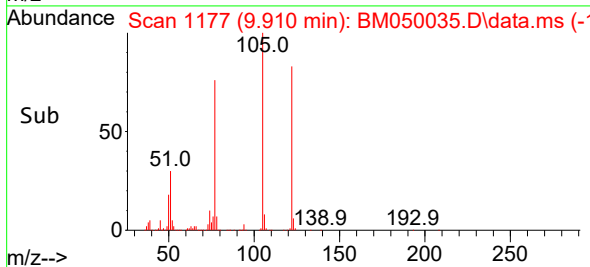
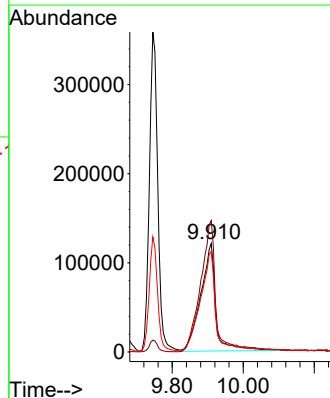
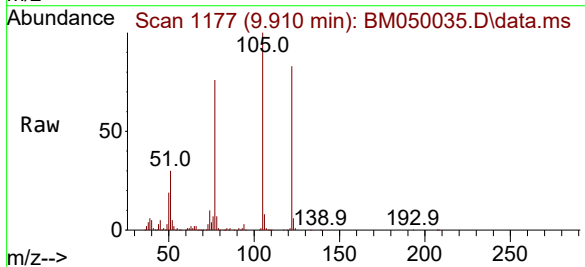
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

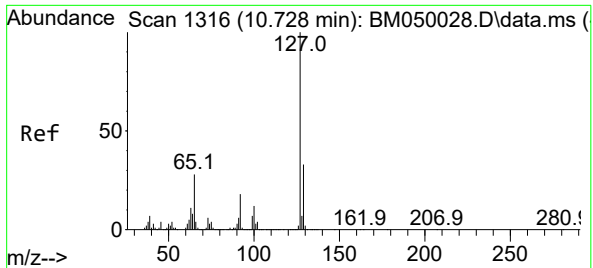
Tgt Ion:128 Resp: 1950484
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 41.208 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:122 Resp: 356984
Ion Ratio Lower Upper
122 100
105 121.0 103.6 143.6
77 92.4 73.7 113.7

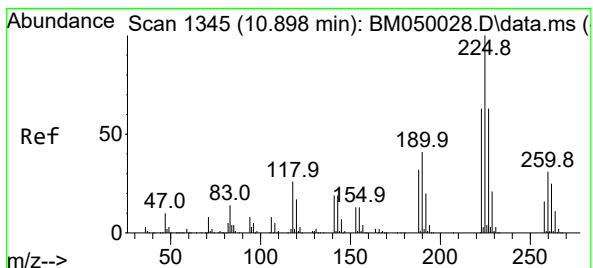
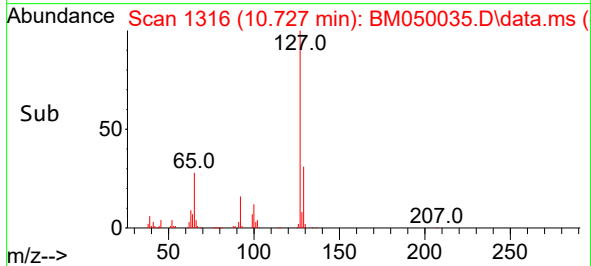
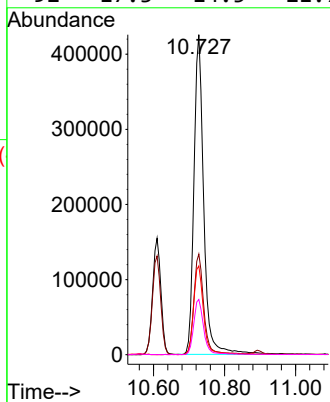
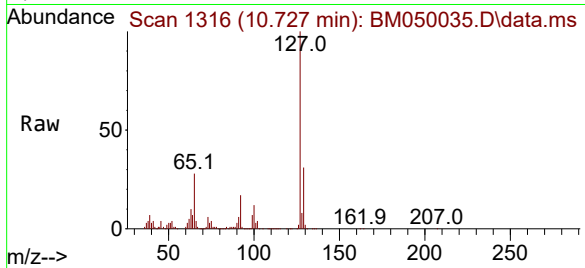




#33
4-Chloroaniline
Concen: 43.420 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

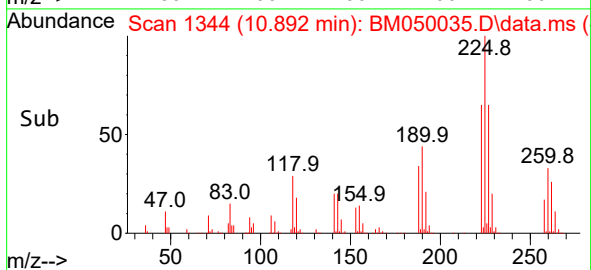
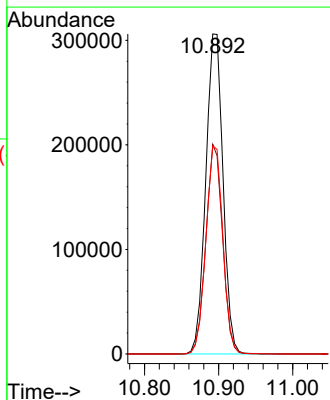
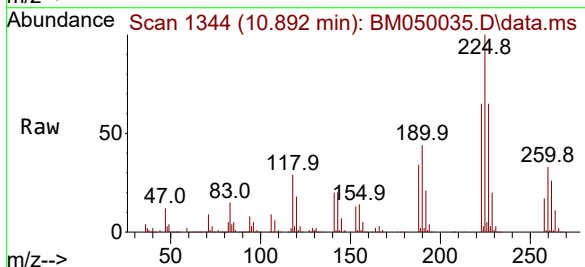
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

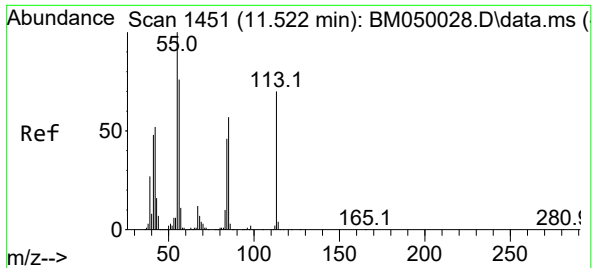
Tgt Ion	127	129	65	92
Ratio	100	31.5	27.8	17.3
Lower		26.3	22.5	14.5
Upper		39.5	33.7	21.7



#34
Hexachlorobutadiene
Concen: 42.036 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion	225	223	227
Ratio	100	65.5	65.1
Lower		50.2	50.6
Upper		75.2	76.0





#35

Caprolactam

Concen: 41.119 ng

RT: 11.516 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

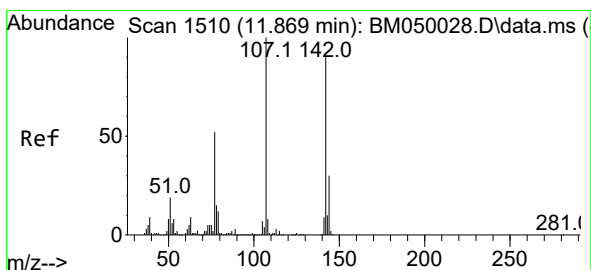
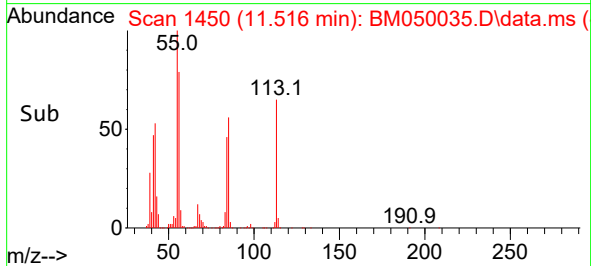
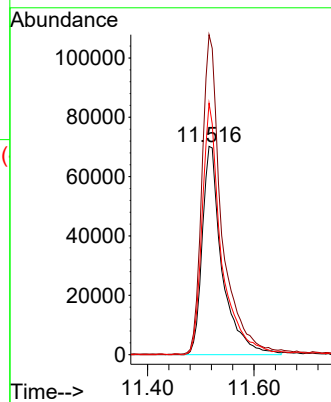
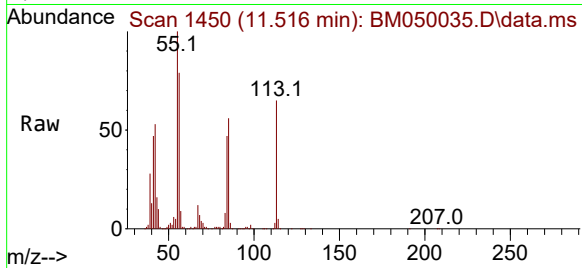
Tgt Ion:113 Resp: 181927

Ion Ratio Lower Upper

113 100

55 153.6 122.9 162.9

56 120.7 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 42.230 ng

RT: 11.869 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

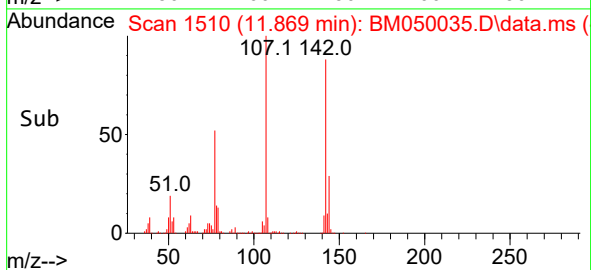
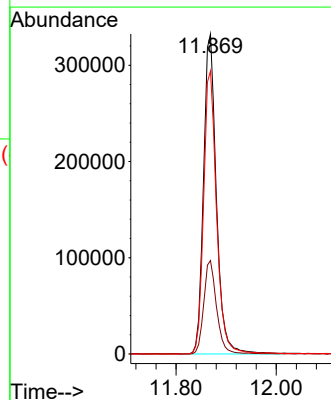
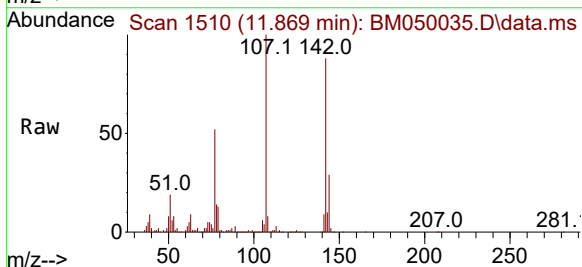
Tgt Ion:107 Resp: 592040

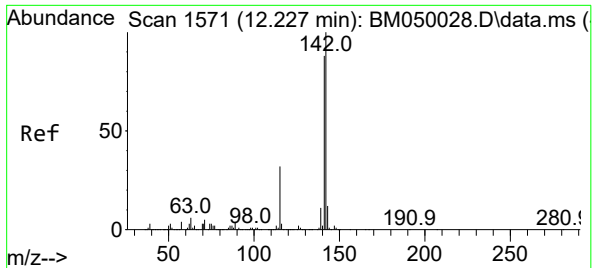
Ion Ratio Lower Upper

107 100

144 29.2 23.8 35.6

142 88.5 71.9 107.9

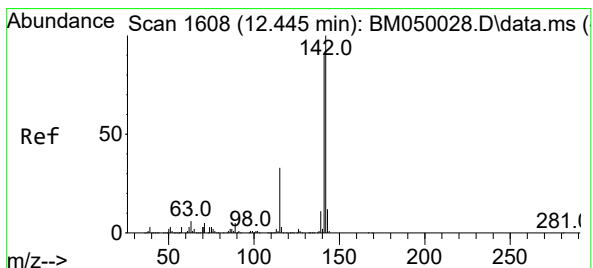
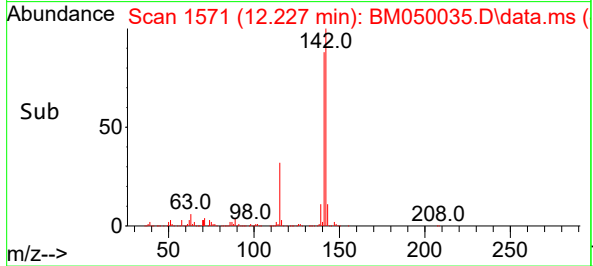
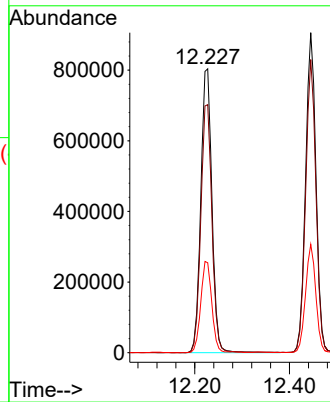
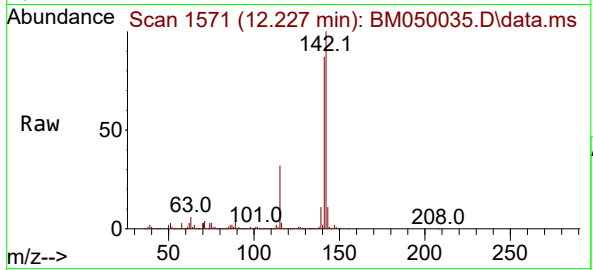




#37
2-Methylnaphthalene
Concen: 42.236 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

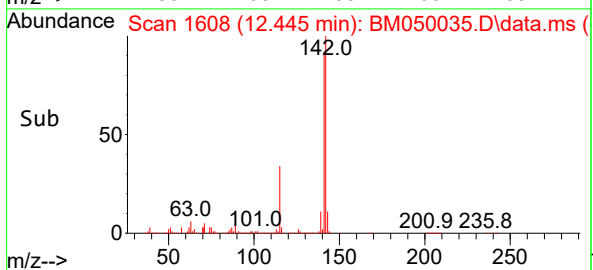
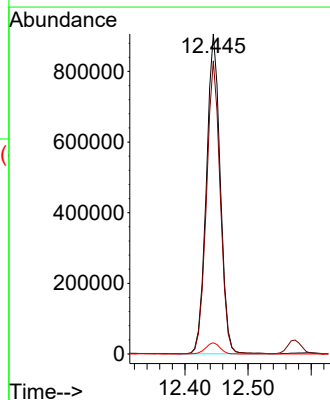
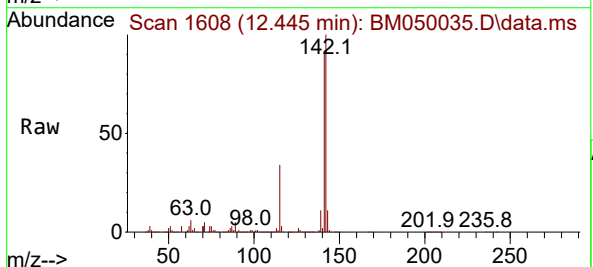
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

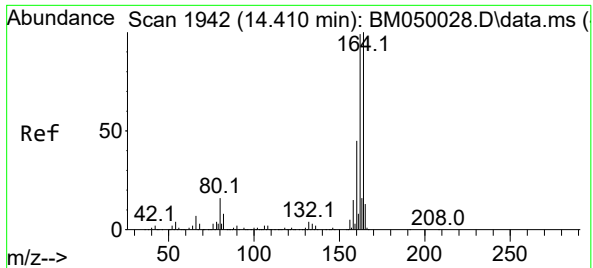
Tgt Ion:142 Resp: 1306580
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6
115 31.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 42.151 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

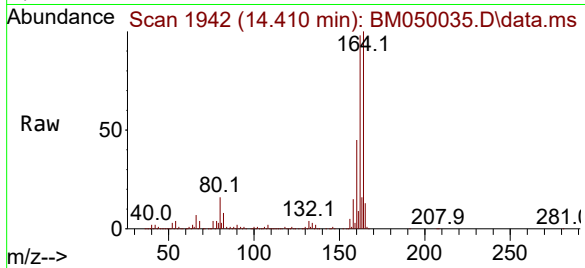
Tgt Ion:142 Resp: 1379941
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1
116 3.5 2.7 4.1



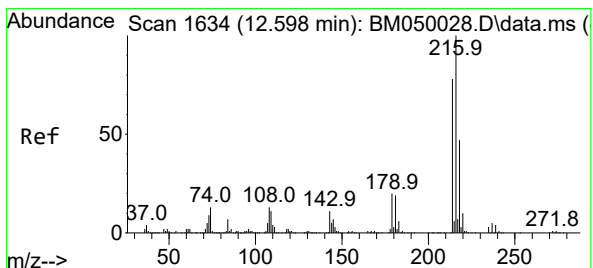
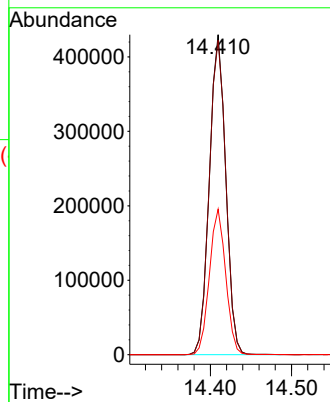
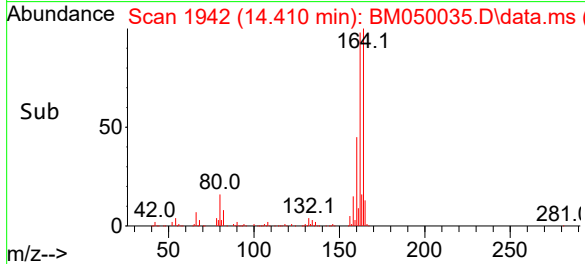


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

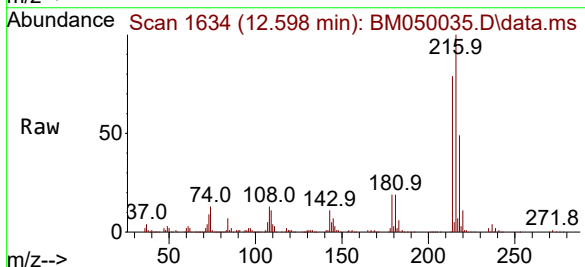
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



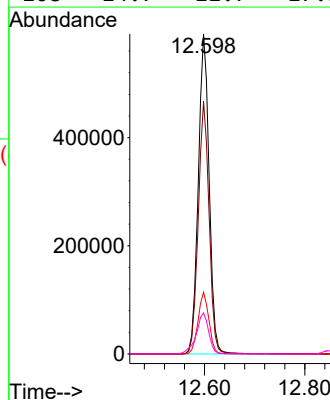
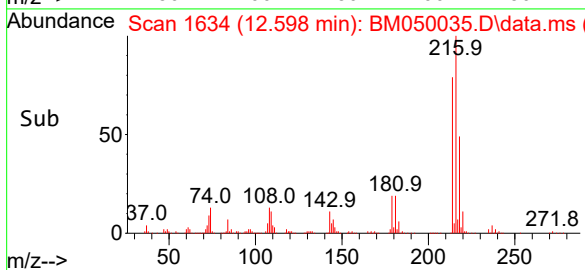
Tgt Ion:164 Resp: 601329
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 45.4 36.2 54.4

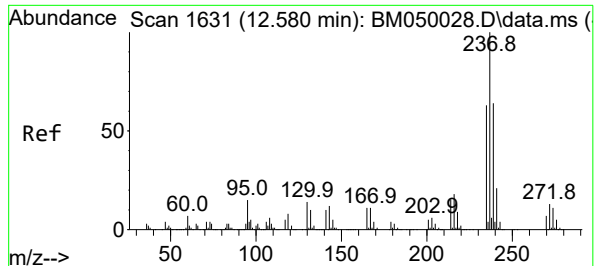


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.696 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13



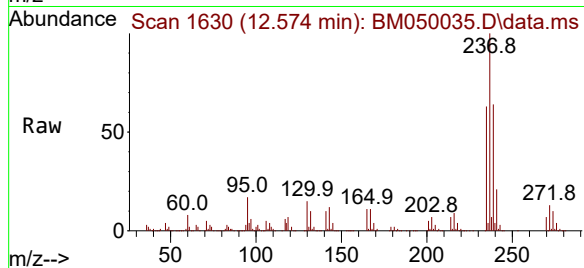
Tgt Ion:216 Resp: 888773
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 19.3 15.4 23.0
108 14.7 11.7 17.5



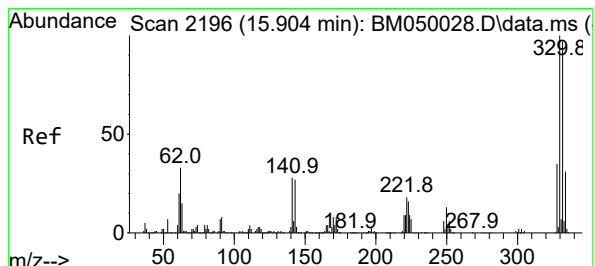
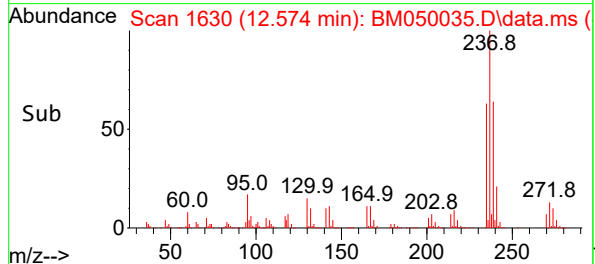
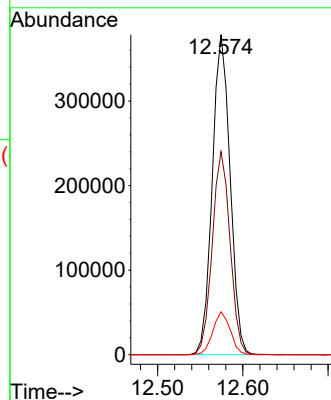


#41
Hexachlorocyclopentadiene
Concen: 43.230 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

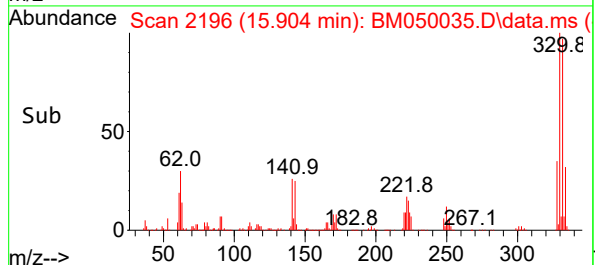
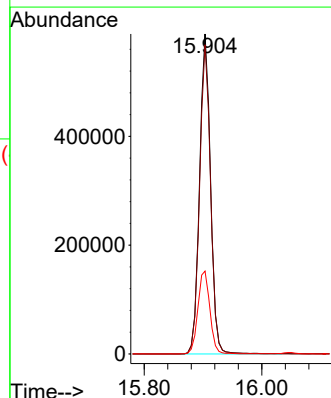
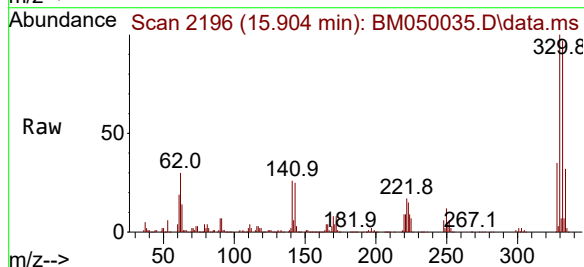


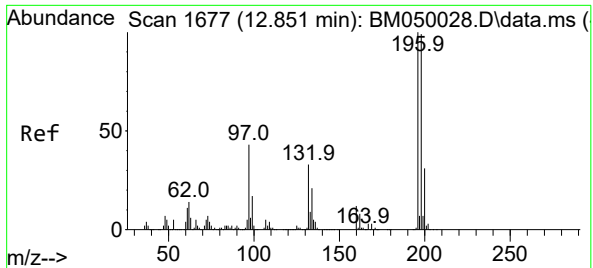
Tgt Ion:237 Resp: 549948
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.877 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:330 Resp: 763570
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 28.3 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 43.034 ng

RT: 12.845 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

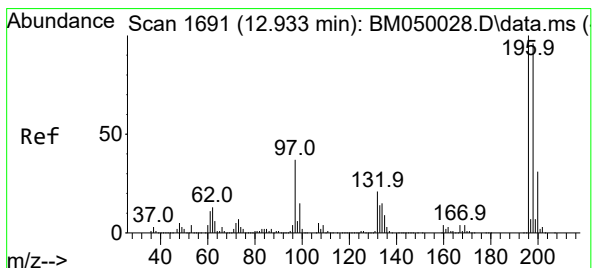
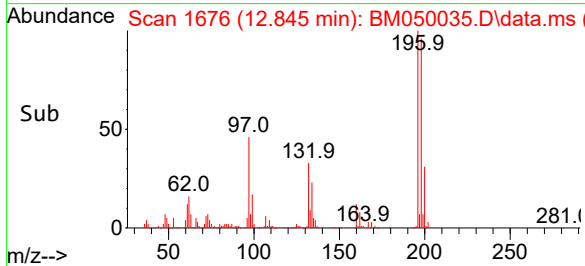
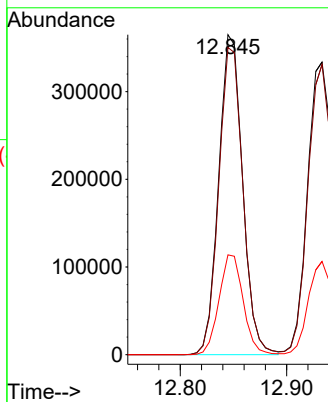
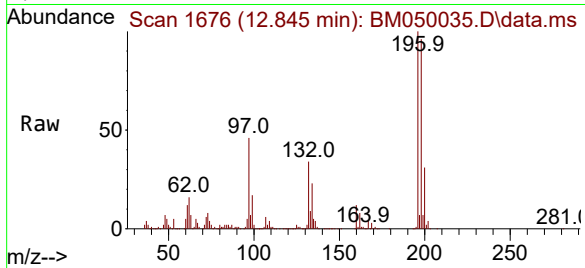
Tgt Ion:196 Resp: 568179

Ion Ratio Lower Upper

196 100

198 96.0 79.0 118.6

200 31.2 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 42.743 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Tgt Ion:196 Resp: 608549

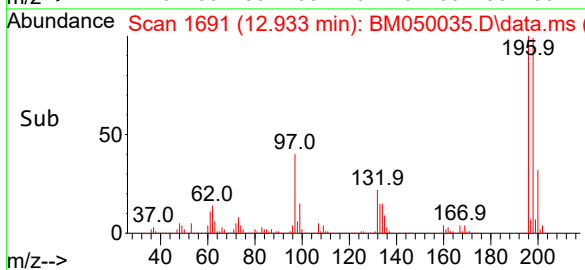
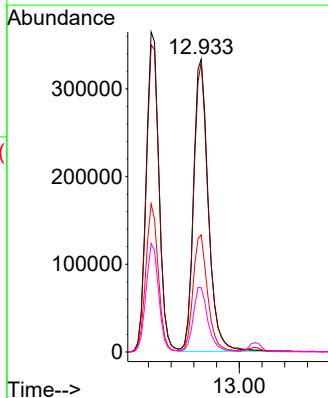
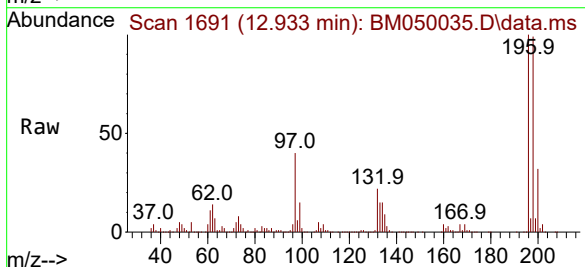
Ion Ratio Lower Upper

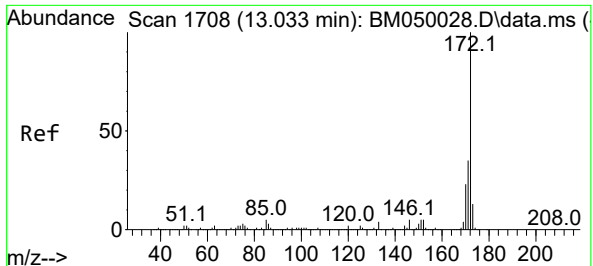
196 100

198 99.2 76.7 115.1

97 40.0 30.1 45.1

132 21.9 16.6 25.0

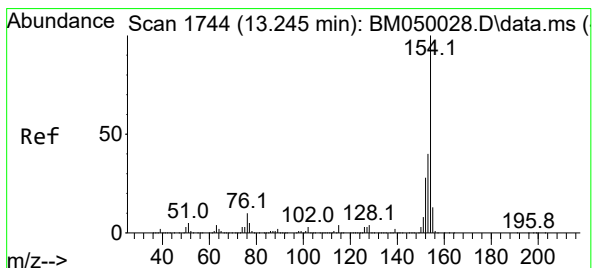
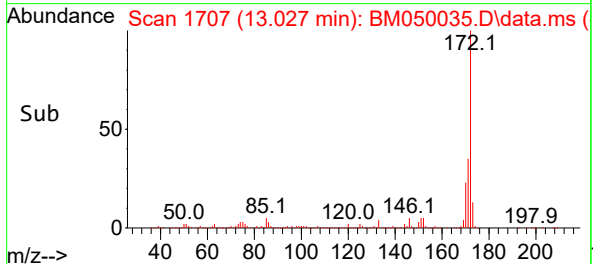
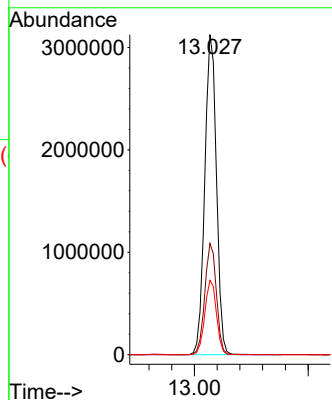
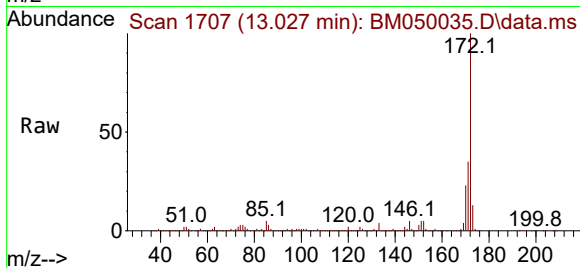




#45
2-Fluorobiphenyl
Concen: 87.250 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

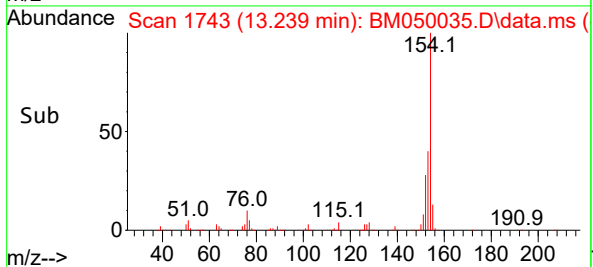
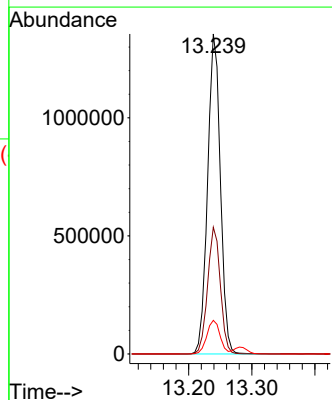
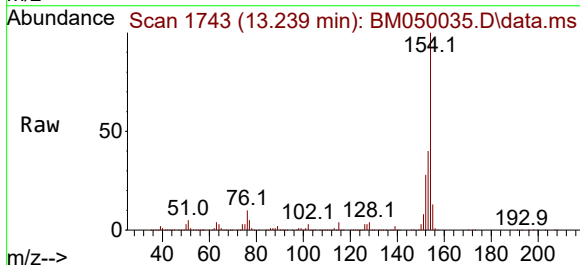
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

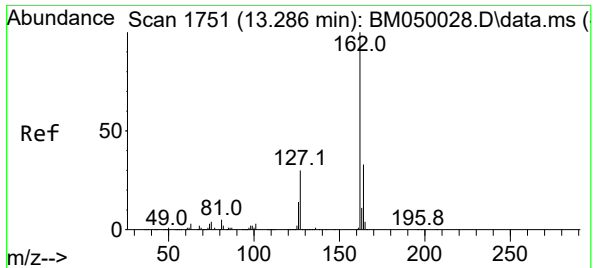
Tgt Ion:172 Resp: 4435059
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.469 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:154 Resp: 1898342
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 10.5 0.0 30.3

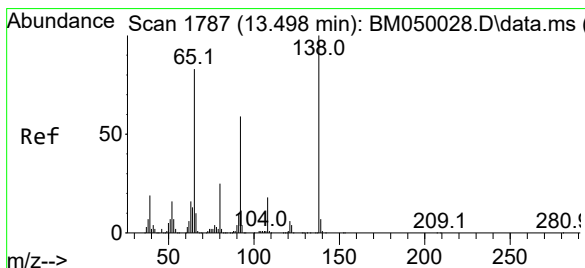
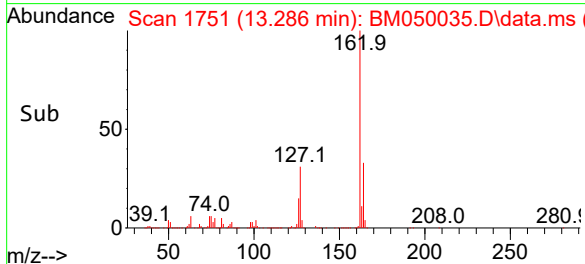
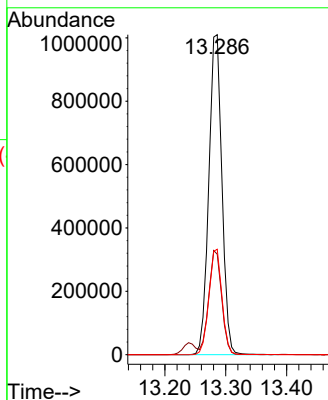
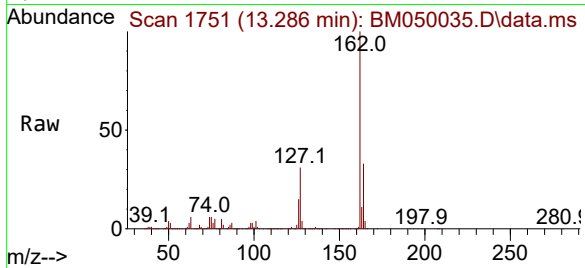




#47
2-Chloronaphthalene
Concen: 42.762 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

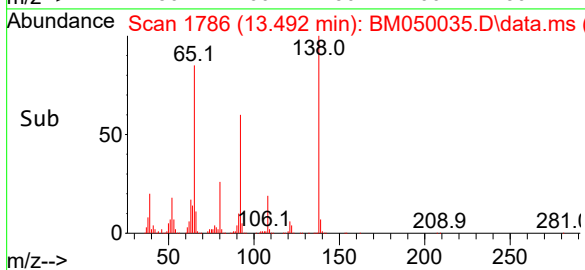
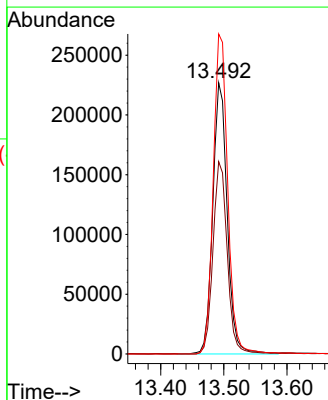
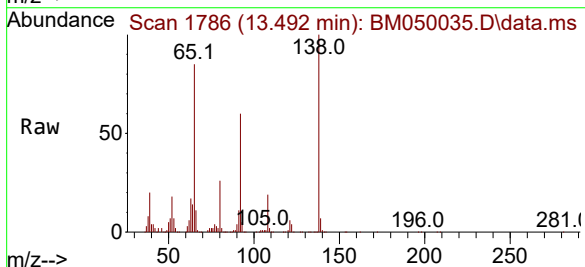
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

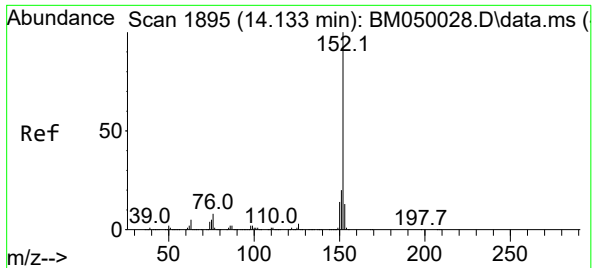
Tgt Ion:162 Resp: 1513860
Ion Ratio Lower Upper
162 100
127 31.4 25.9 38.9
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 43.340 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 65 Resp: 360109
Ion Ratio Lower Upper
65 100
92 70.9 57.1 85.7
138 118.0 97.0 145.4





#49

Acenaphthylene

Concen: 42.368 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

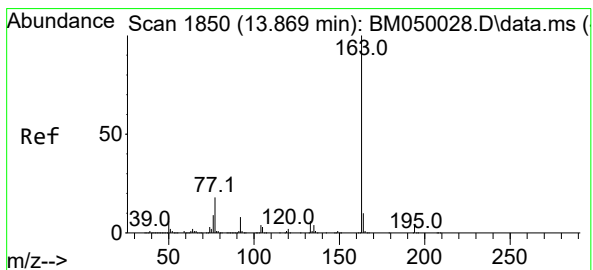
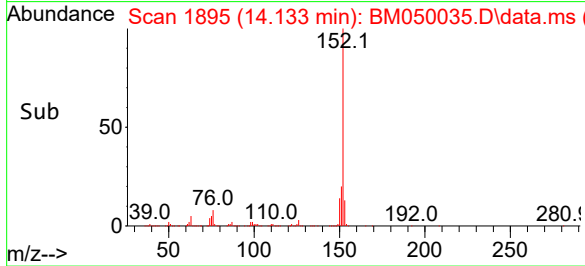
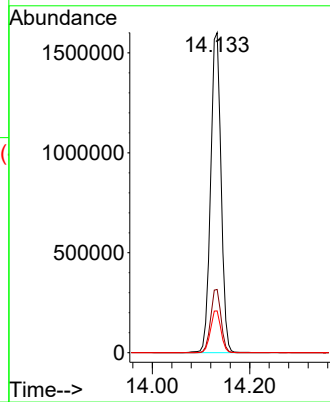
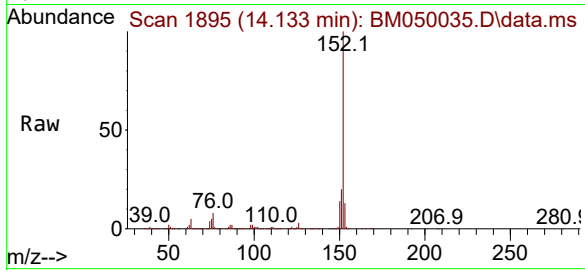
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2364901

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.6	15.8



#50

Dimethylphthalate

Concen: 41.639 ng

RT: 13.868 min Scan# 1850

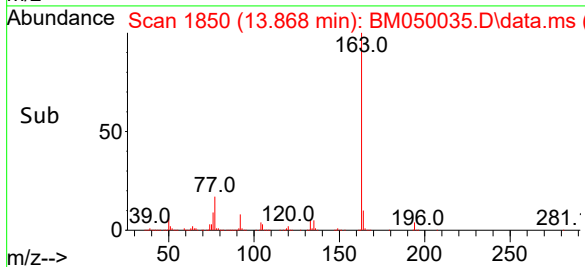
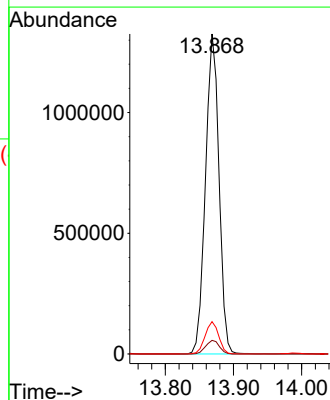
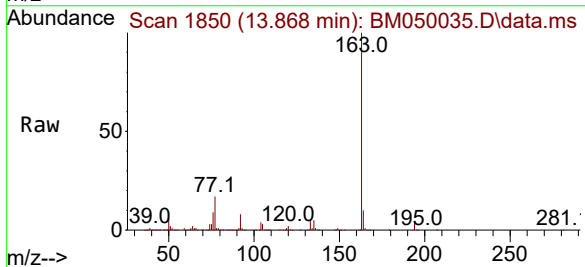
Delta R.T. -0.000 min

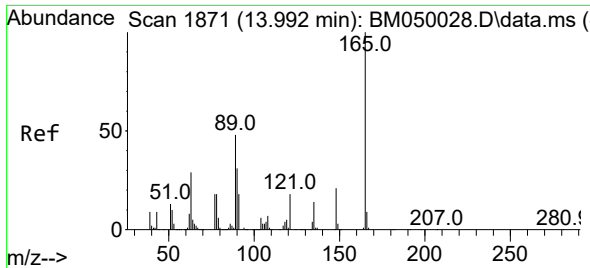
Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Tgt Ion:163 Resp: 1829848

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2

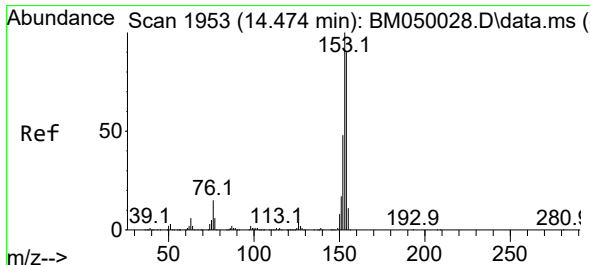
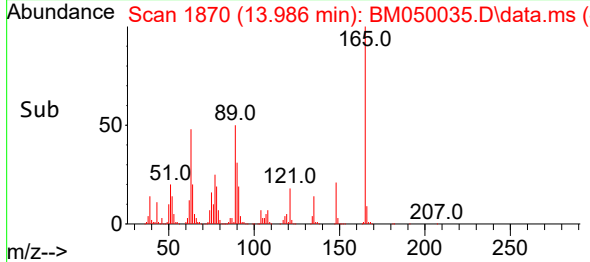
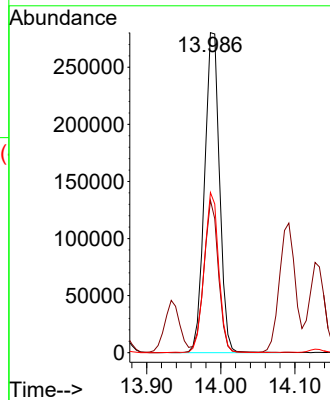
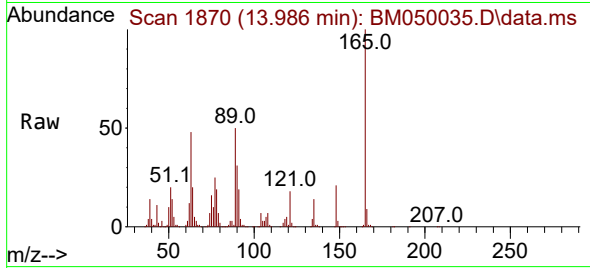




#51
2,6-Dinitrotoluene
Concen: 43.327 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

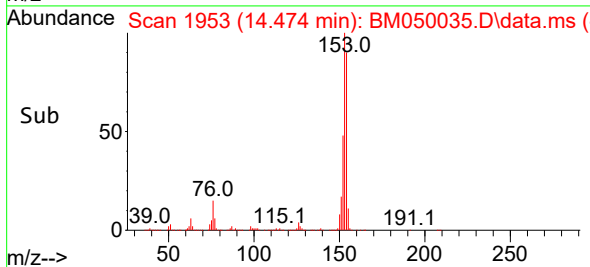
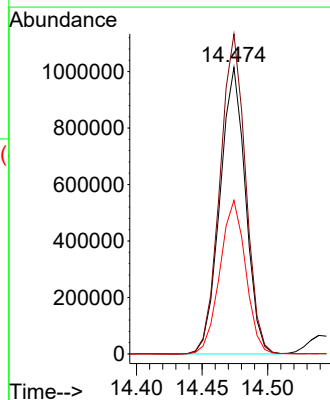
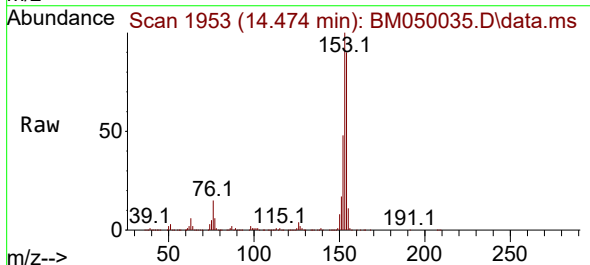
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

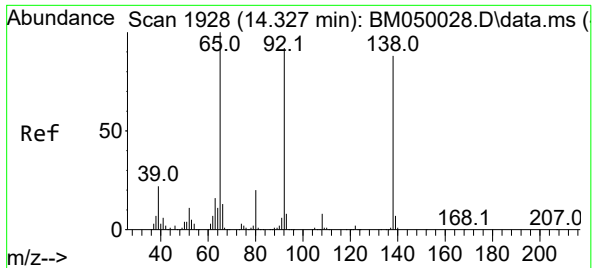
Tgt Ion:165 Resp: 394222
Ion Ratio Lower Upper
165 100
63 47.6 35.1 52.7
89 50.1 38.4 57.6



#52
Acenaphthene
Concen: 42.420 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:154 Resp: 1370590
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 53.6 43.0 64.6

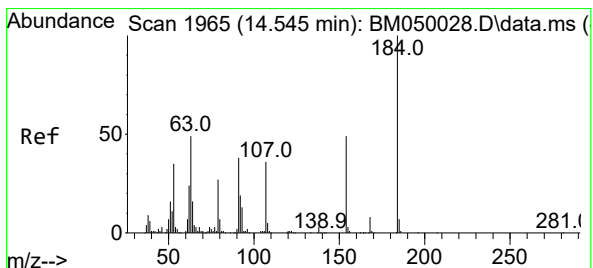
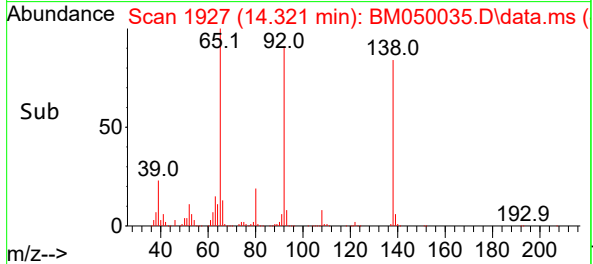
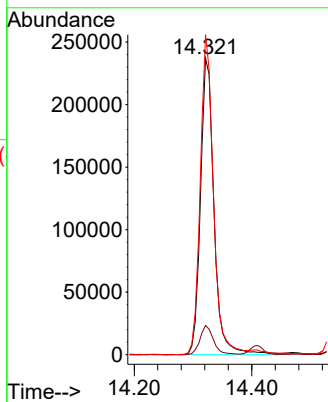
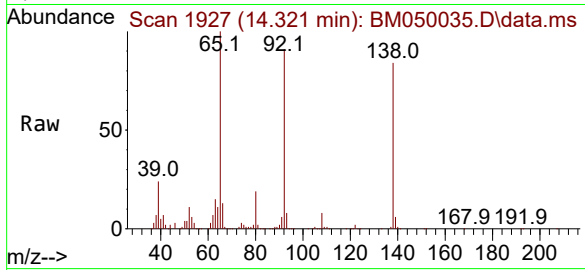




#53
3-Nitroaniline
Concen: 43.473 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

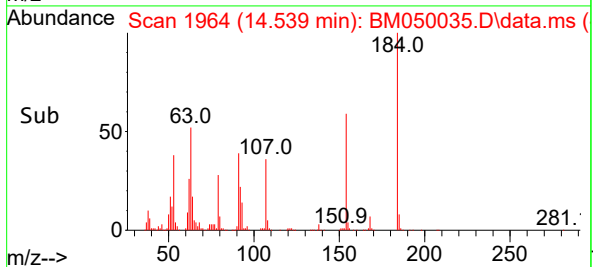
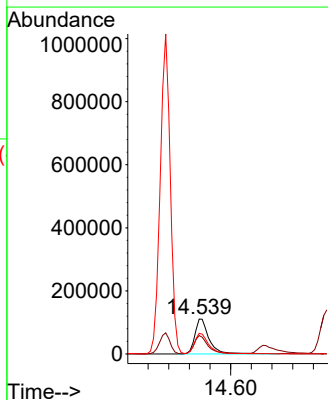
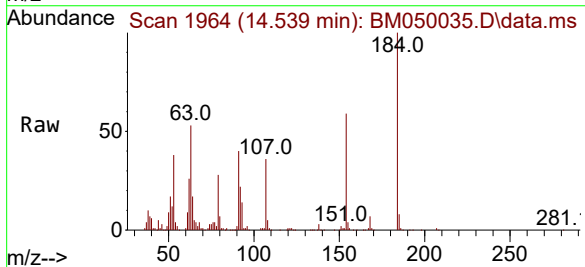
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

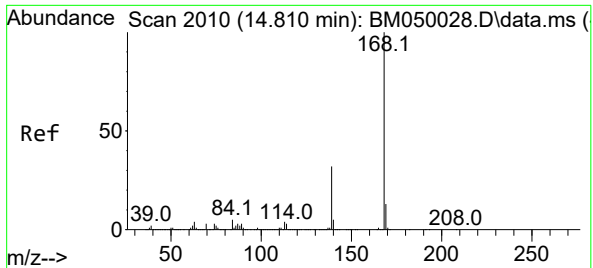
Tgt Ion:138 Resp: 377639
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 108.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 39.527 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:184 Resp: 211939
Ion Ratio Lower Upper
184 100
63 52.5 39.8 59.6
154 59.1 46.1 69.1





#55

Dibenzofuran

Concen: 42.245 ng

RT: 14.810 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

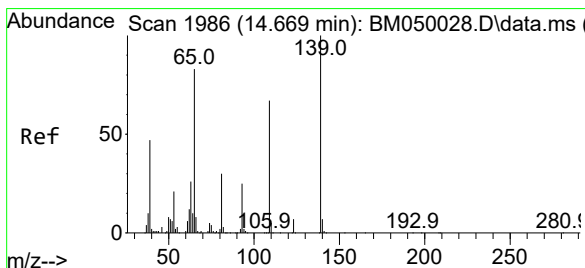
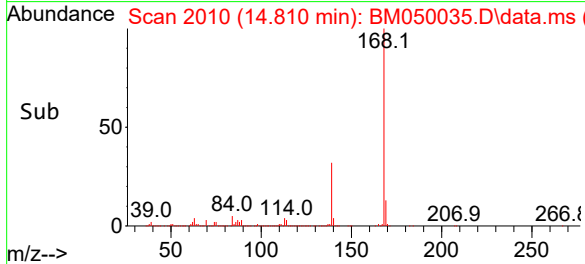
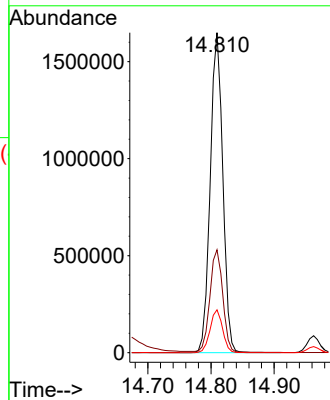
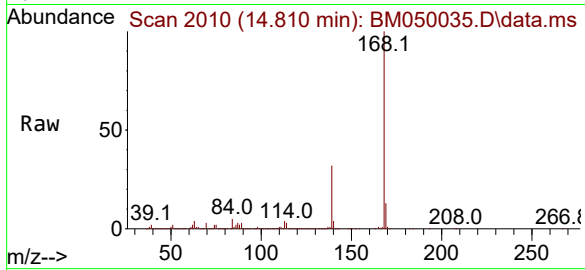
Tgt Ion:168 Resp: 2270938

Ion	Ratio	Lower	Upper

168	100		

139	32.2	26.1	39.1

169	13.4	10.8	16.2



#56

4-Nitrophenol

Concen: 40.182 ng

RT: 14.662 min Scan# 1985

Delta R.T. -0.007 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

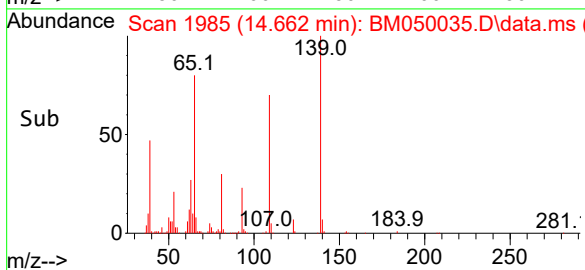
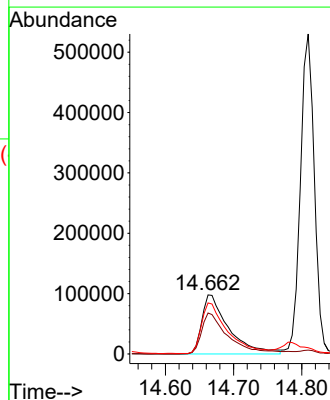
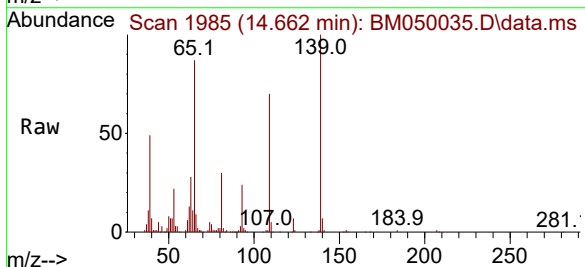
Tgt Ion:139 Resp: 267064

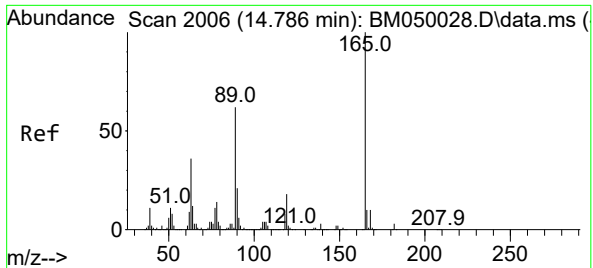
Ion	Ratio	Lower	Upper

139	100		

109	69.6	47.0	87.0

65	86.6	64.3	104.3

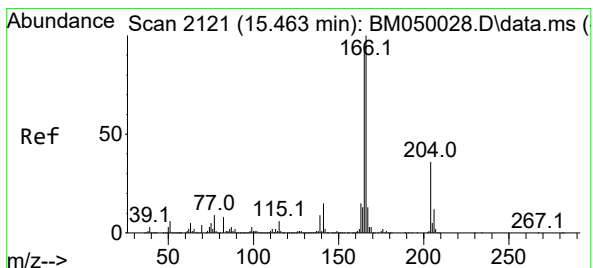
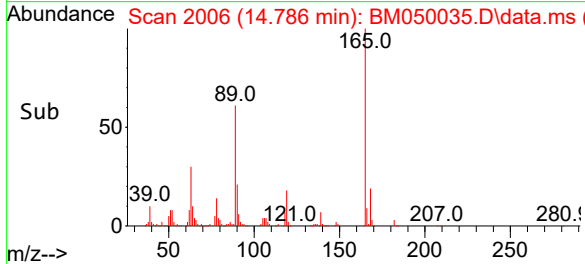
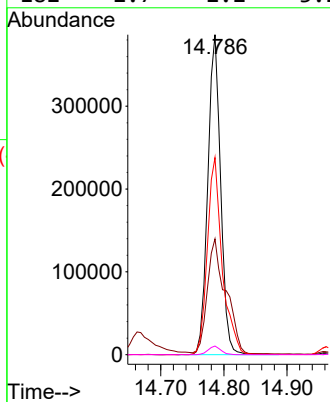
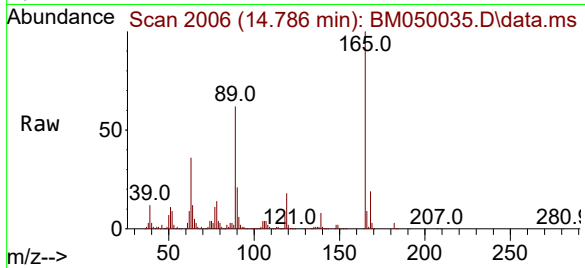




#57
2,4-Dinitrotoluene
Concen: 43.486 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

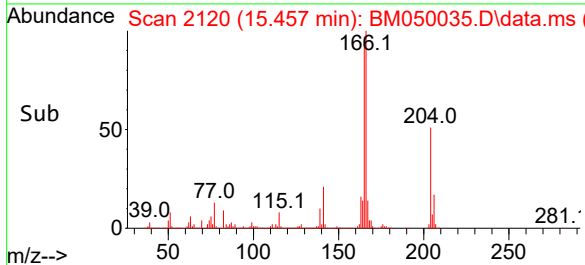
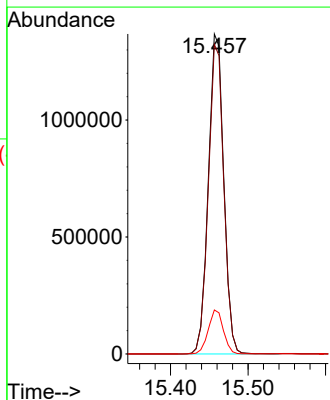
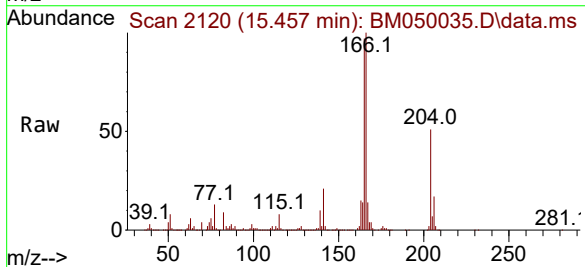
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

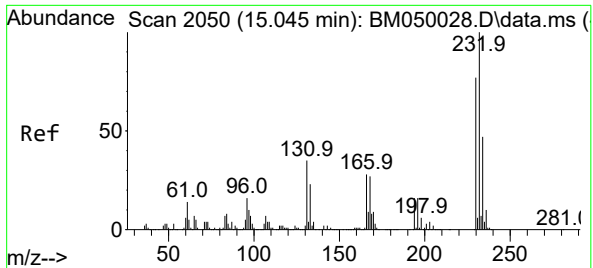
Tgt Ion:165 Resp: 546728
Ion Ratio Lower Upper
165 100
63 36.2 29.0 43.6
89 61.6 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.928 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:166 Resp: 1888892
Ion Ratio Lower Upper
166 100
165 96.7 76.6 115.0
167 13.8 10.6 16.0

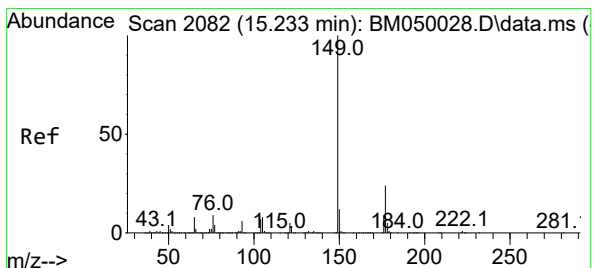
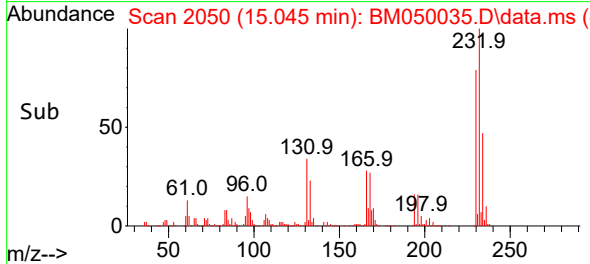
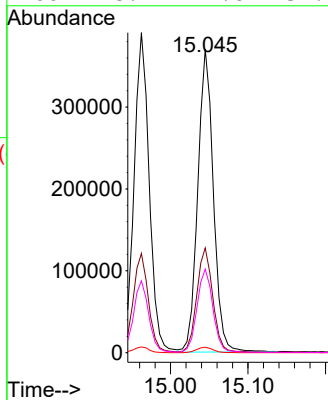
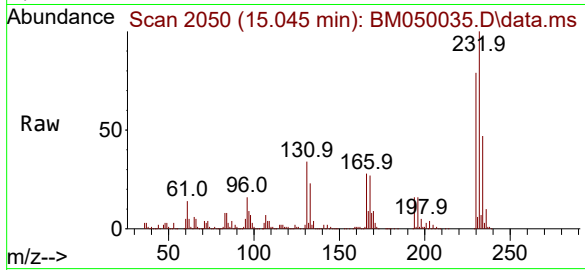




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.959 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

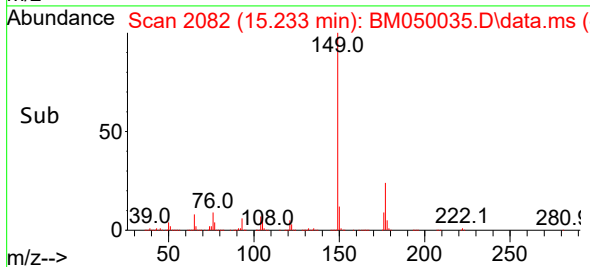
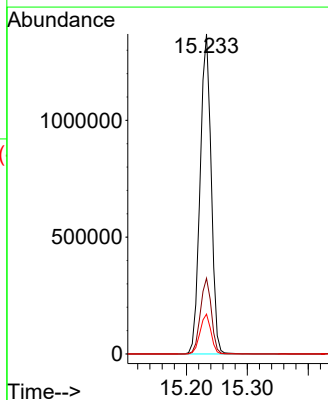
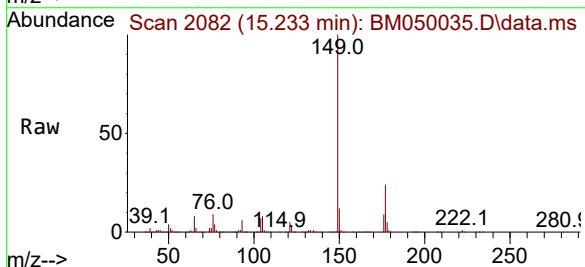
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

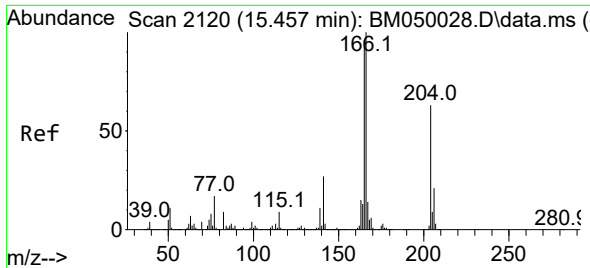
Tgt Ion:232 Resp: 517108
Ion Ratio Lower Upper
232 100
131 35.6 28.2 42.4
130 1.9 1.5 2.3
166 28.4 22.6 34.0



#60
Diethylphthalate
Concen: 41.488 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:149 Resp: 1717970
Ion Ratio Lower Upper
149 100
177 23.6 19.1 28.7
150 12.4 9.6 14.4

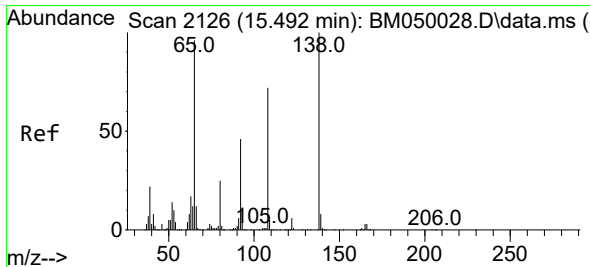
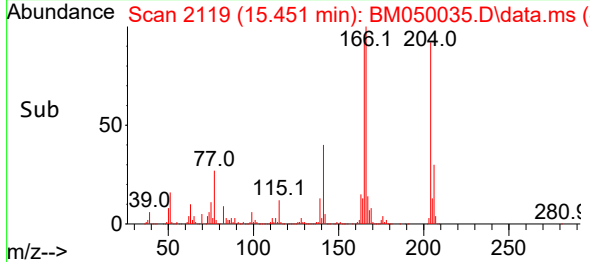
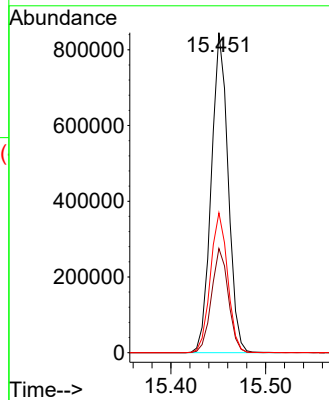
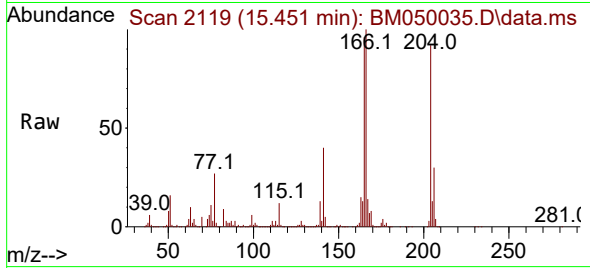




#61
4-Chlorophenyl-phenylether
Concen: 43.055 ng
RT: 15.451 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

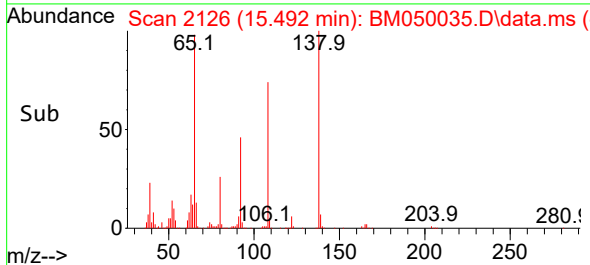
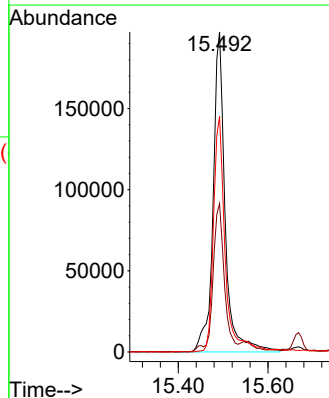
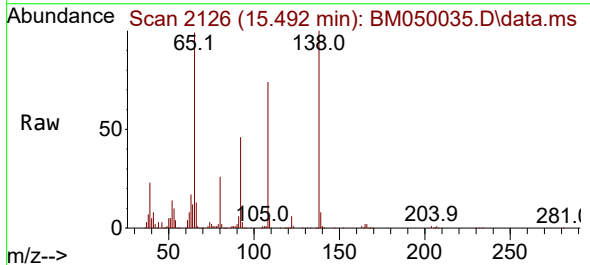
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

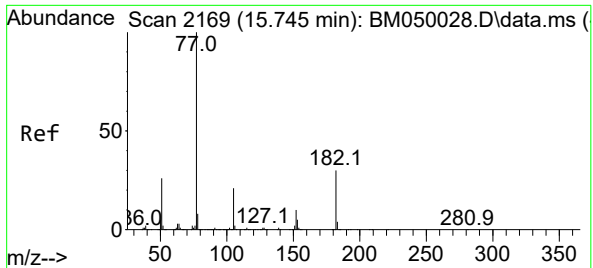
Tgt Ion:204 Resp: 1040541
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 43.7 34.0 51.0



#62
4-Nitroaniline
Concen: 44.036 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:138 Resp: 369071
Ion Ratio Lower Upper
138 100
92 46.4 25.9 65.9
108 73.7 52.4 92.4

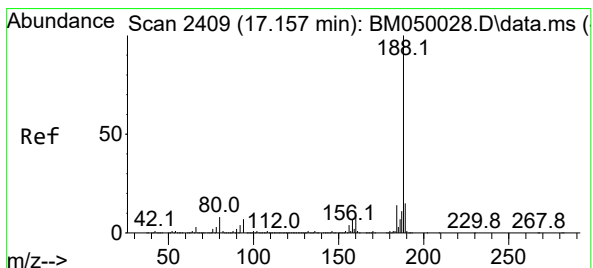
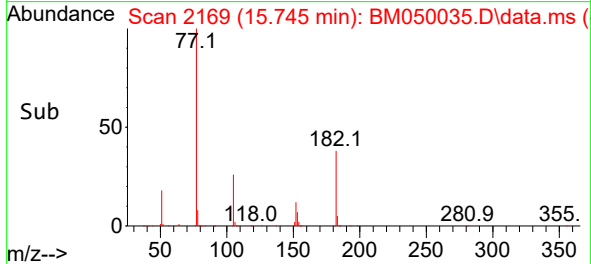
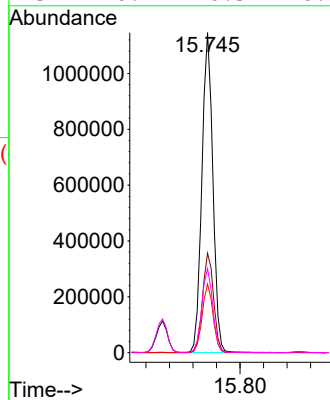
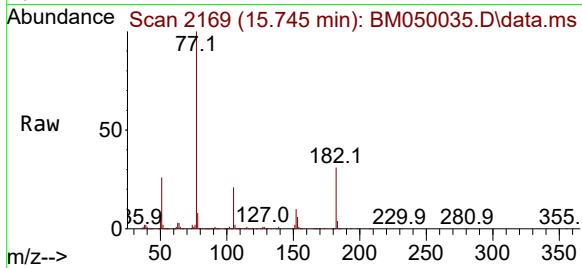




#63
Azobenzene
Concen: 42.660 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

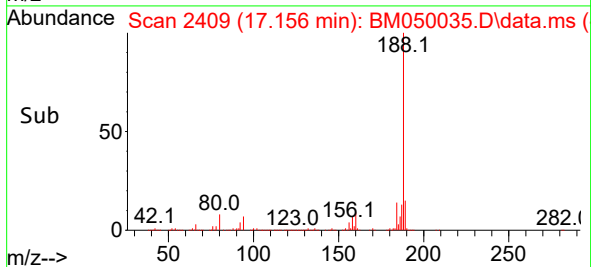
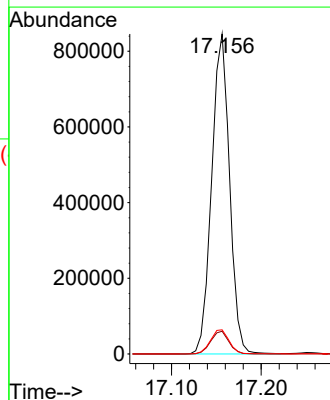
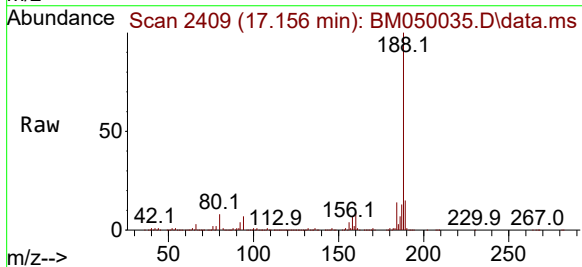
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

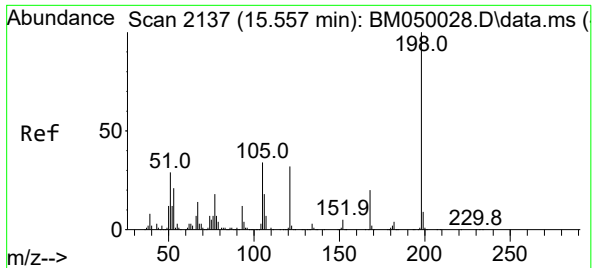
Tgt Ion: 77 Resp: 1480480
Ion Ratio Lower Upper
77 100
182 31.1 10.5 50.5
105 21.5 1.1 41.1
51 26.2 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion: 188 Resp: 1168787
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.6 6.2 9.4

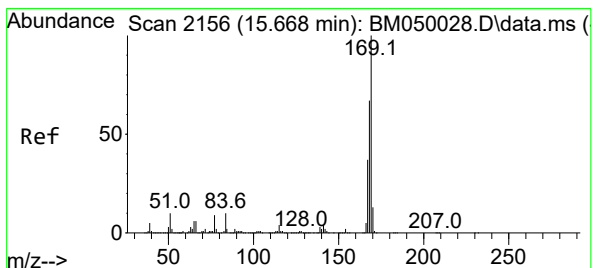
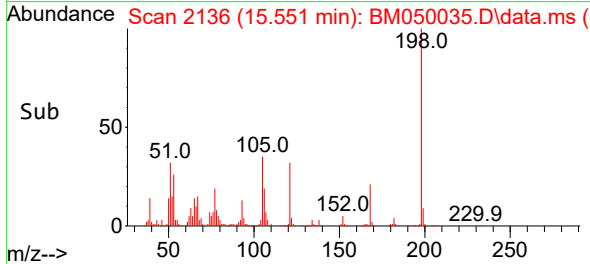
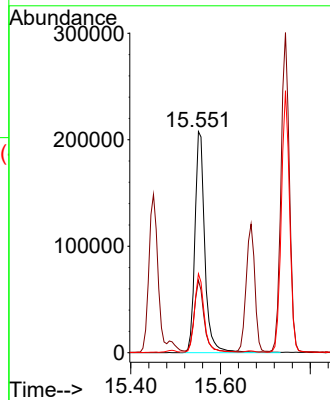
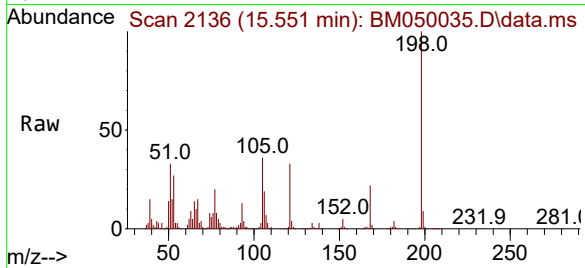




#65
4,6-Dinitro-2-methylphenol
Concen: 43.488 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

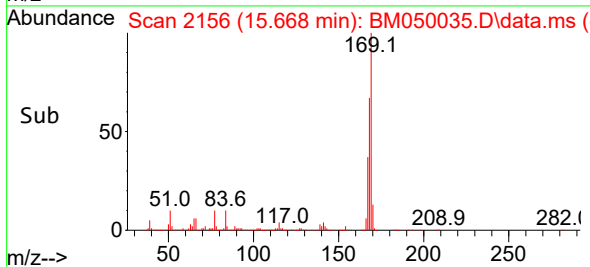
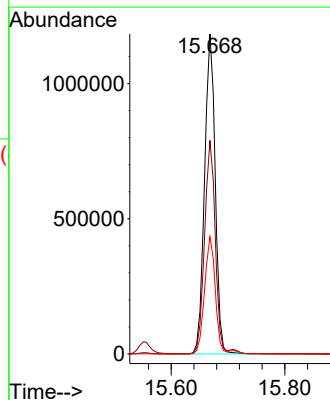
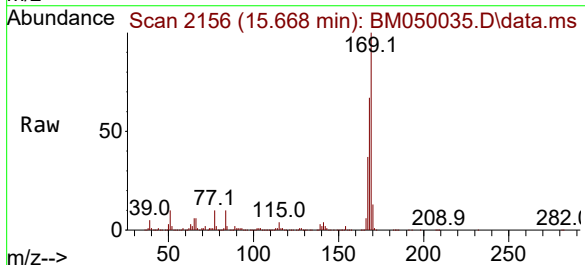
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

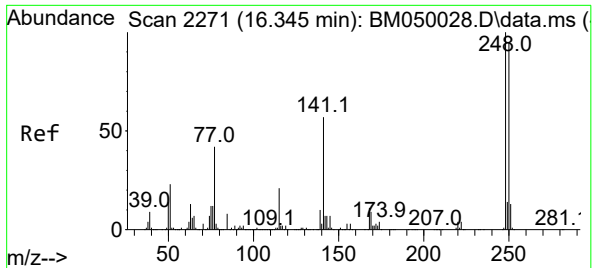
Tgt Ion:198 Resp: 318168
Ion Ratio Lower Upper
198 100
51 32.7 10.4 50.4
105 35.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.891 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:169 Resp: 1539372
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.6 29.4 44.0

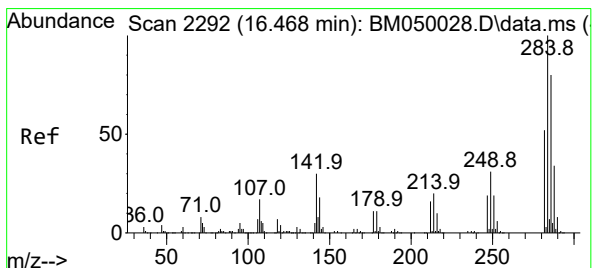
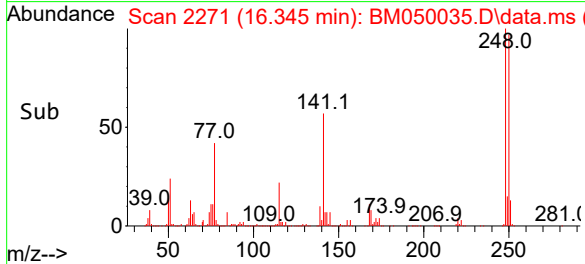
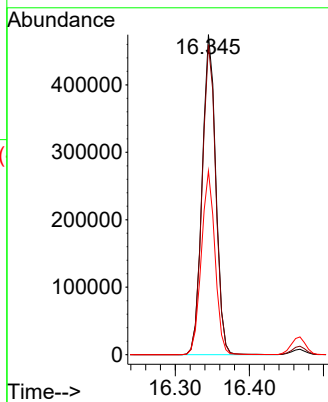
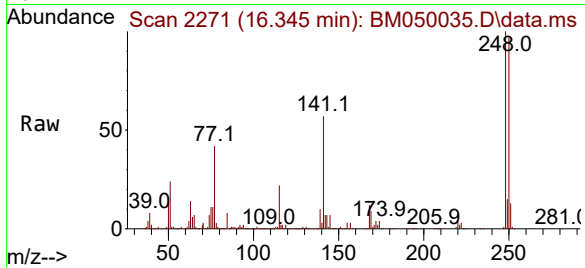




#67
4-Bromophenyl-phenylether
Concen: 42.914 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

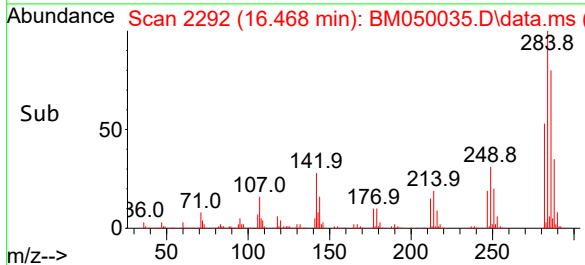
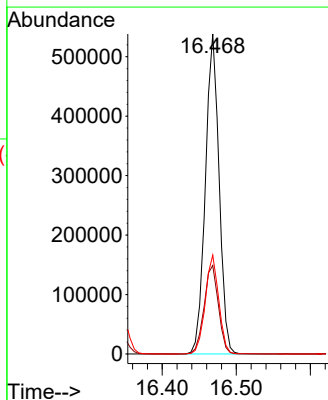
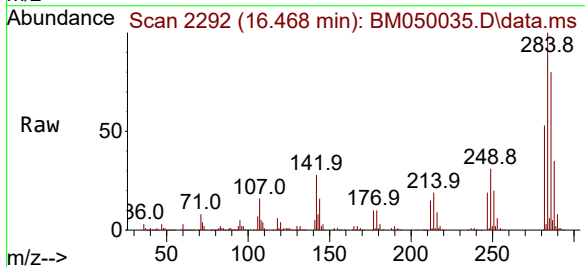
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

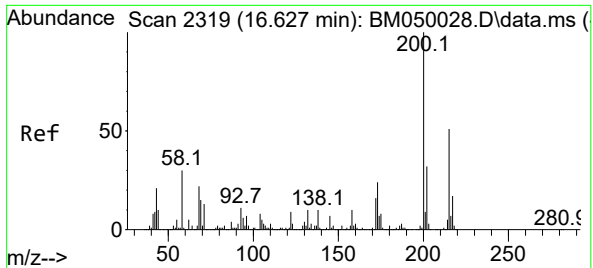
Tgt Ion:248 Resp: 606545
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.2
141 57.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.419 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:284 Resp: 691089
Ion Ratio Lower Upper
284 100
142 27.7 23.9 35.9
249 30.9 24.5 36.7





#69

Atrazine

Concen: 42.620 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

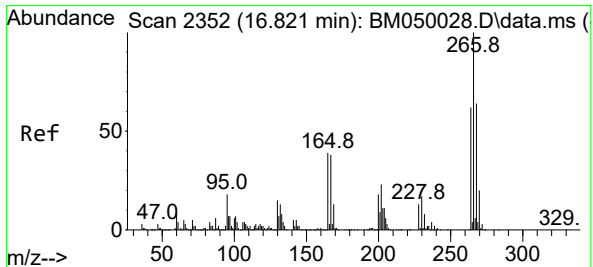
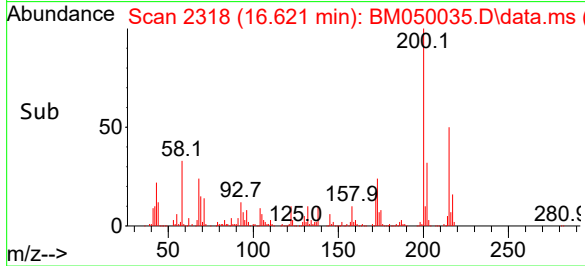
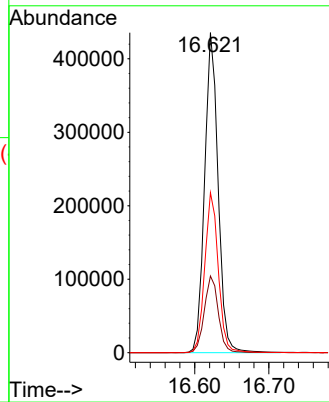
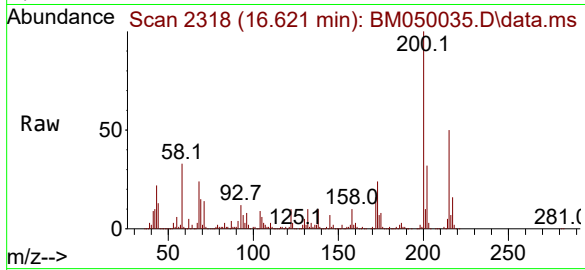
Tgt Ion:200 Resp: 551763

Ion Ratio Lower Upper

200 100

173 23.9 4.3 44.3

215 50.0 30.6 70.6



#70

Pentachlorophenol

Concen: 42.948 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050035.D

Acq: 29 Apr 2025 09:13

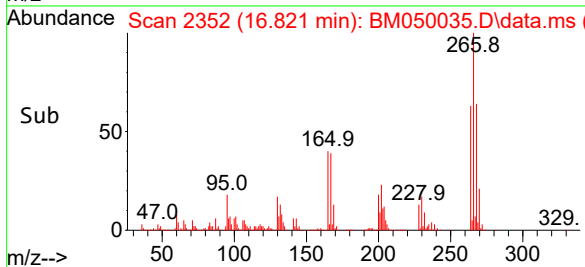
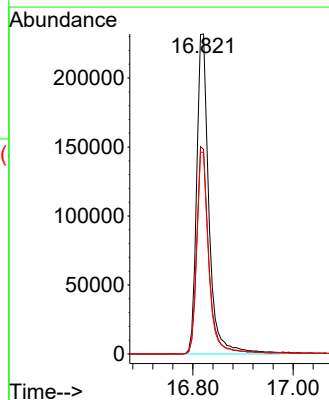
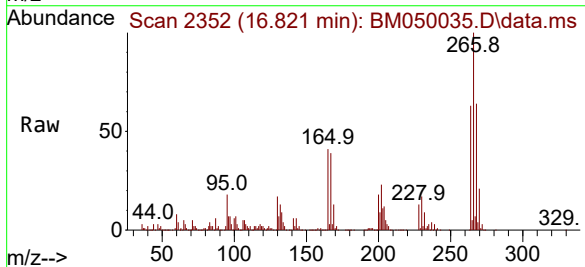
Tgt Ion:266 Resp: 393862

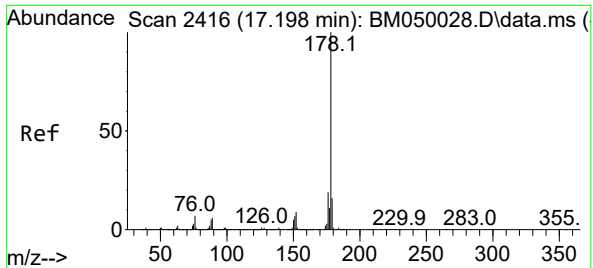
Ion Ratio Lower Upper

266 100

268 64.0 51.2 76.8

264 63.0 49.6 74.4

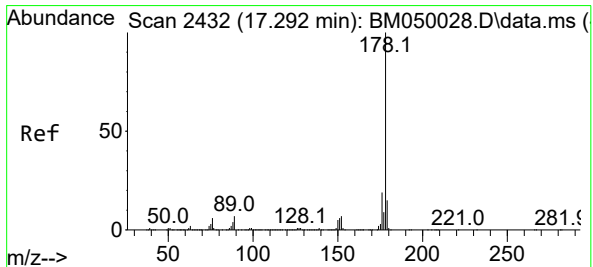
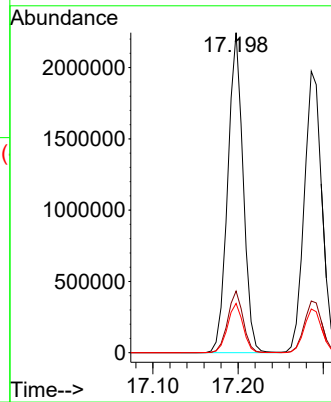
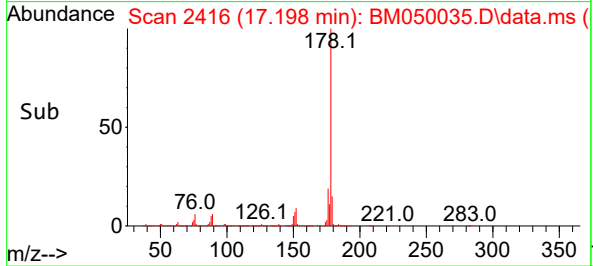
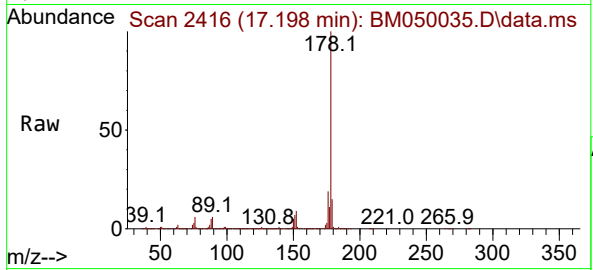




#71
Phenanthrene
Concen: 42.720 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

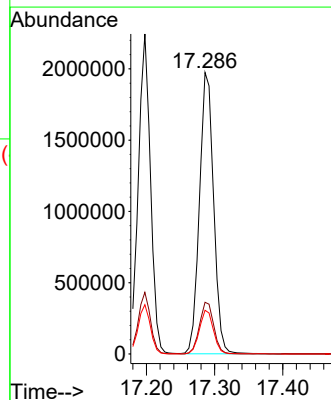
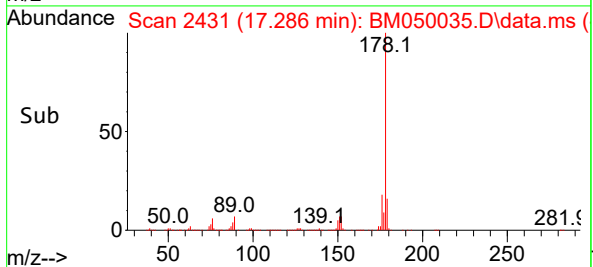
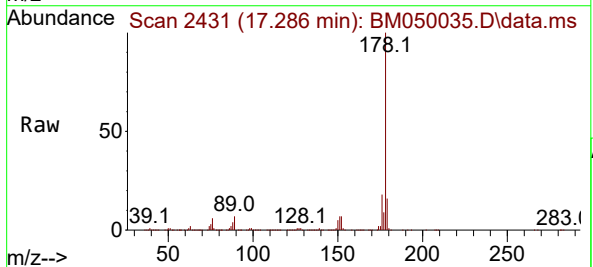
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

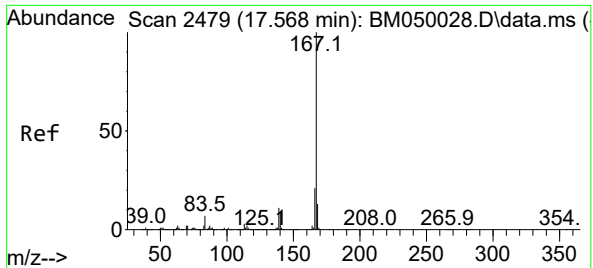
Tgt Ion:178 Resp: 2816126
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 42.821 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:178 Resp: 2856620
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.5 12.2 18.4

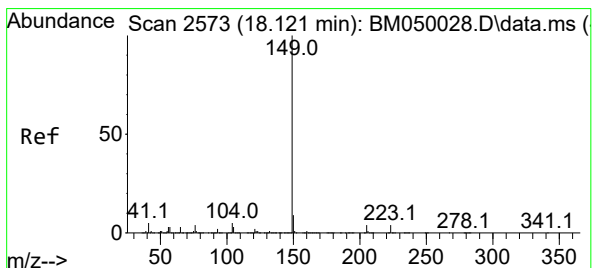
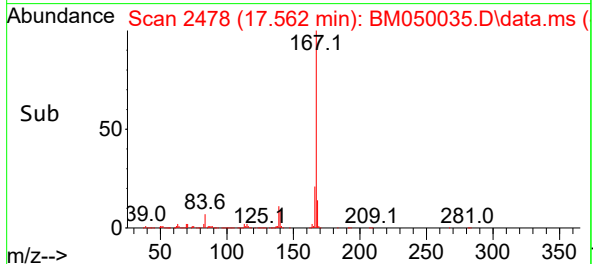
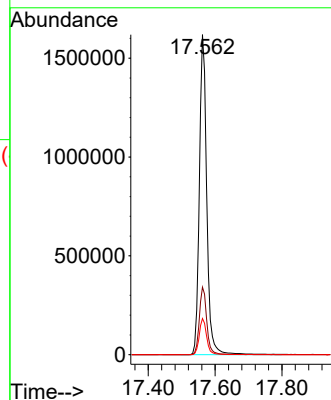
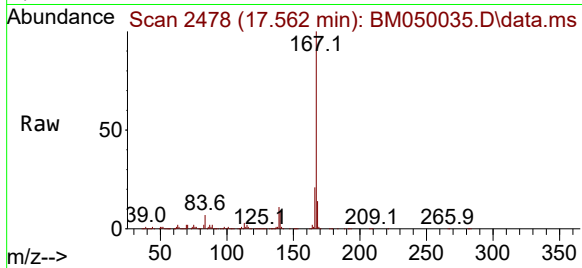




#73
Carbazole
Concen: 42.908 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

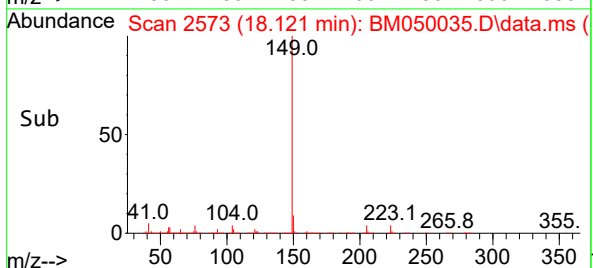
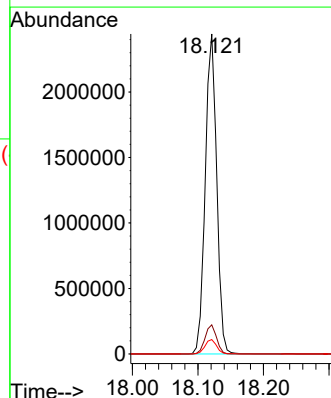
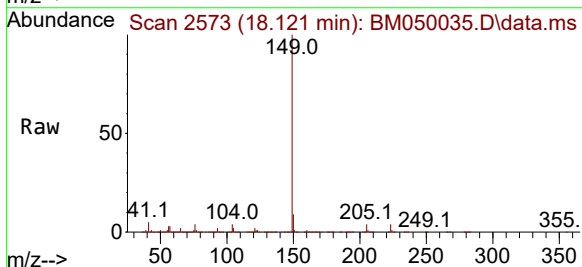
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

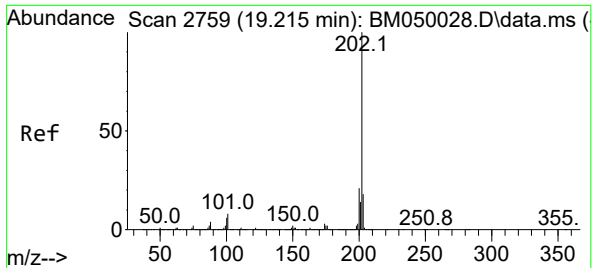
Tgt Ion:167 Resp: 2483913
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.996 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:149 Resp: 2964111
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.8 5.6

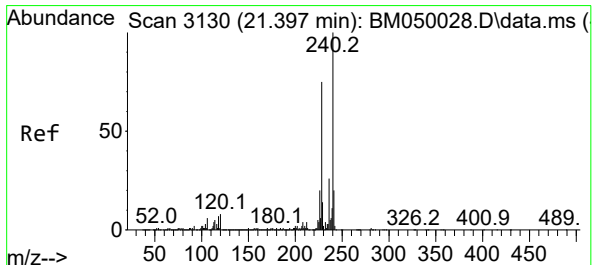
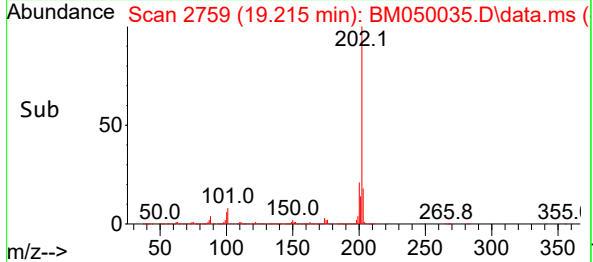
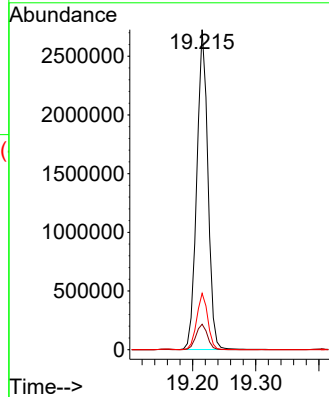
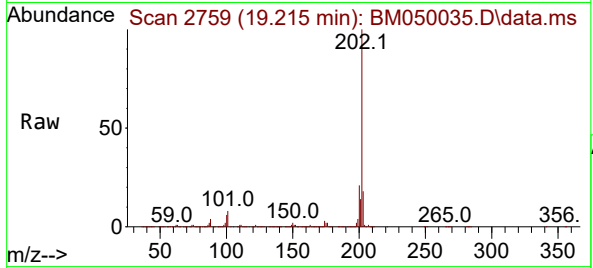




#75
Fluoranthene
Concen: 42.925 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

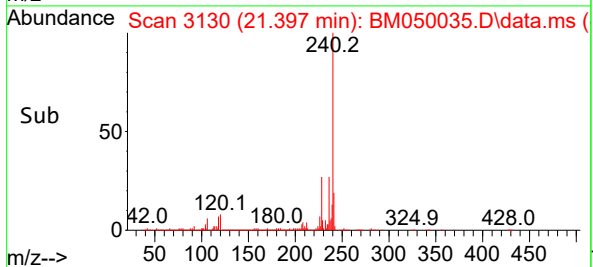
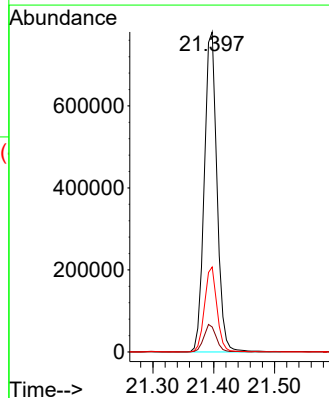
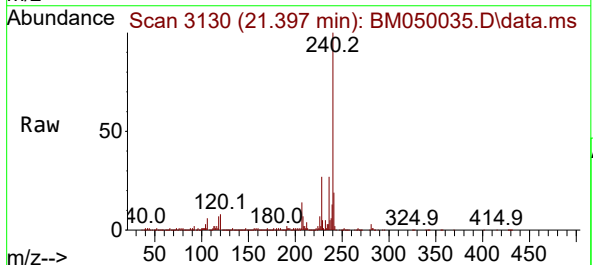
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

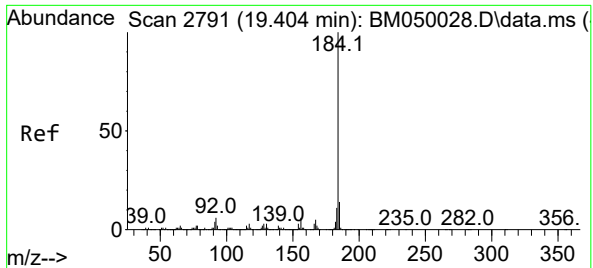
Tgt Ion:202 Resp: 3322208
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:240 Resp: 1131297
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.5 20.9 31.3

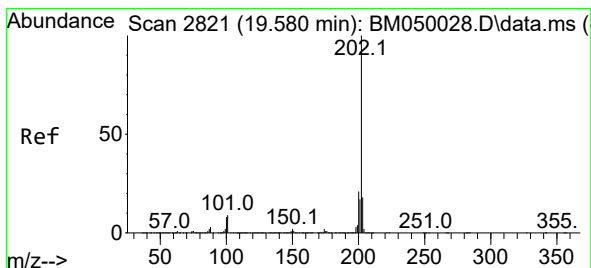
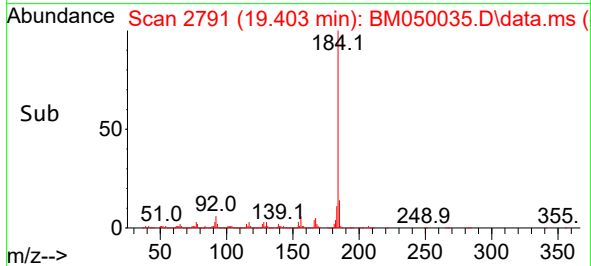
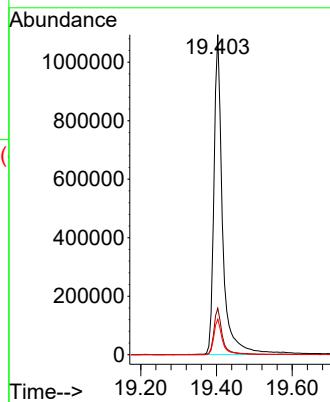
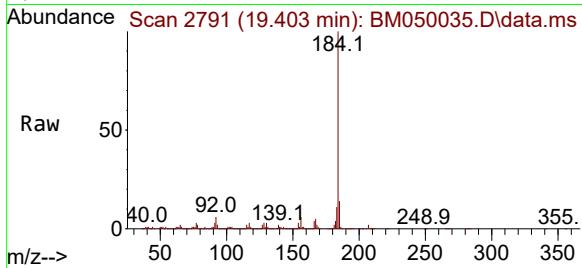




#77
Benzidine
Concen: 43.146 ng
RT: 19.403 min Scan# 2791
Delta R.T. -0.001 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

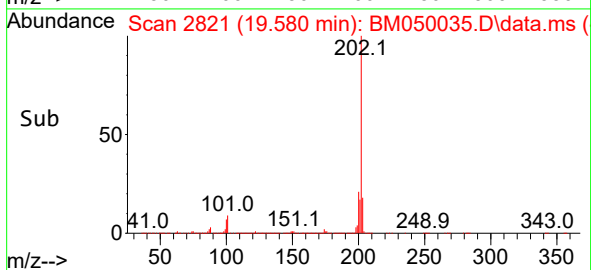
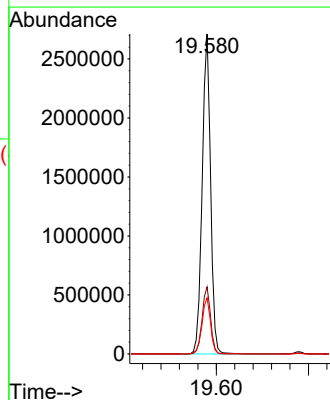
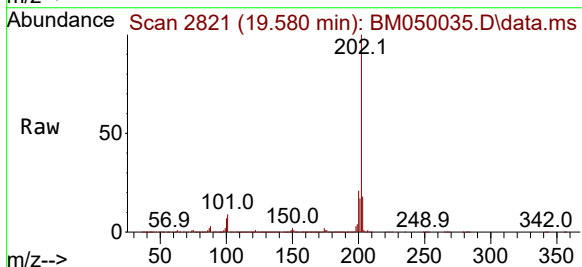
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

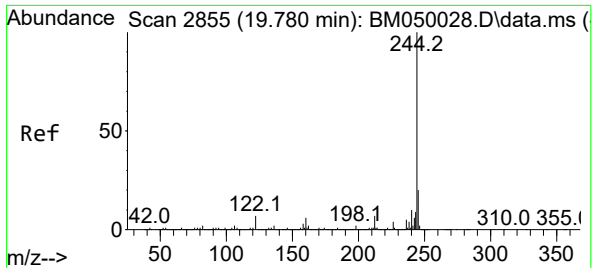
Tgt Ion:184 Resp: 1733787
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 43.293 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:202 Resp: 3439327
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1

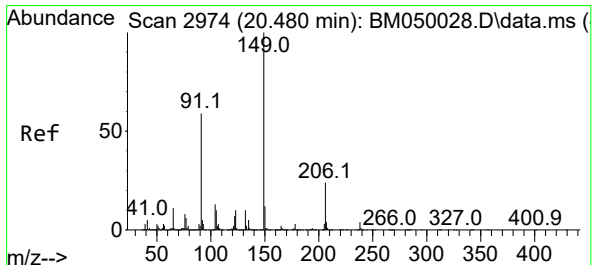
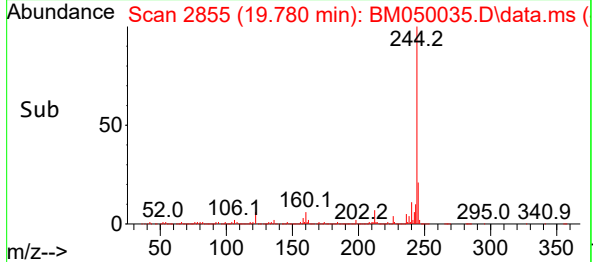
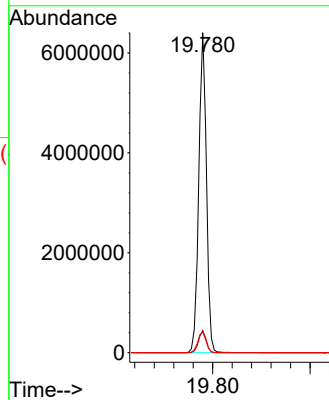
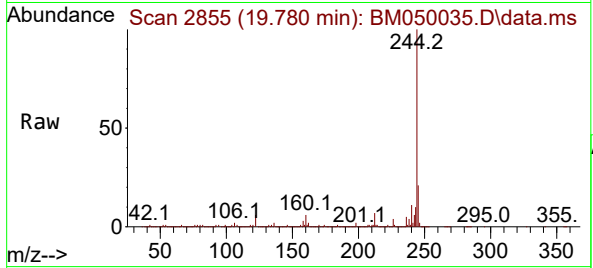




#79
Terphenyl-d14
Concen: 92.232 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

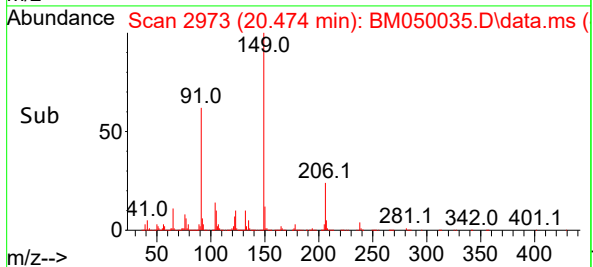
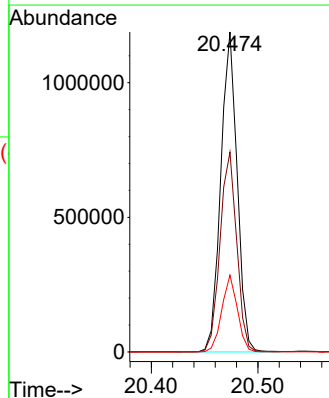
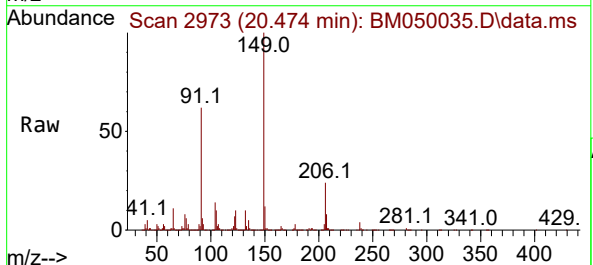
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

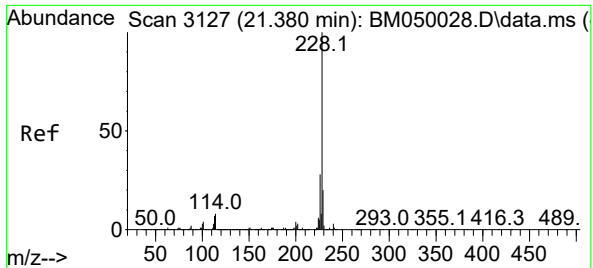
Tgt Ion:244 Resp: 7051330
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 6.4 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.560 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:149 Resp: 1266345
Ion Ratio Lower Upper
149 100
91 62.5 47.4 71.2
206 24.0 19.4 29.0

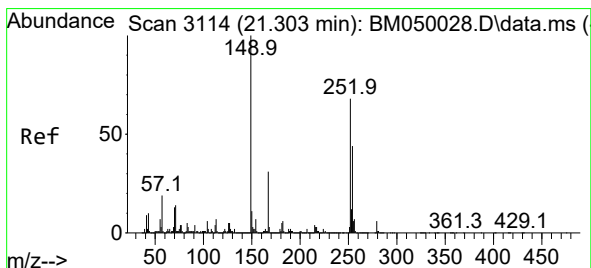
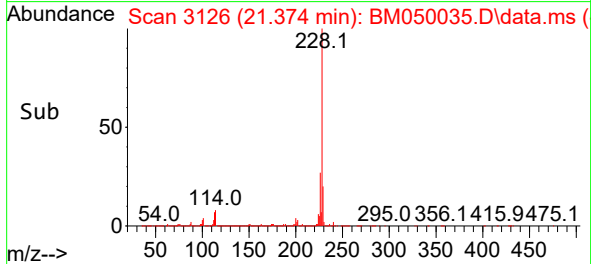
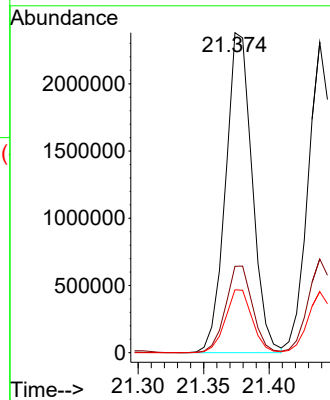
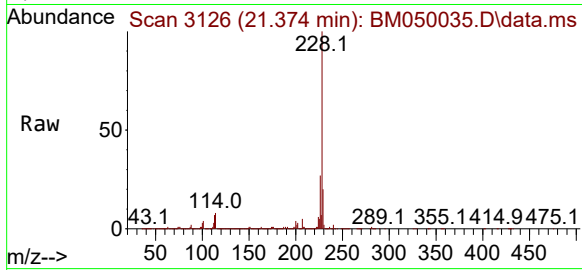




#81
Benzo(a)anthracene
Concen: 43.038 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

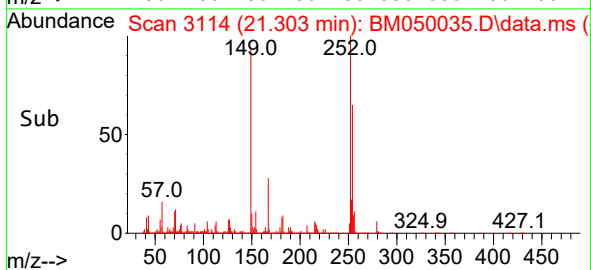
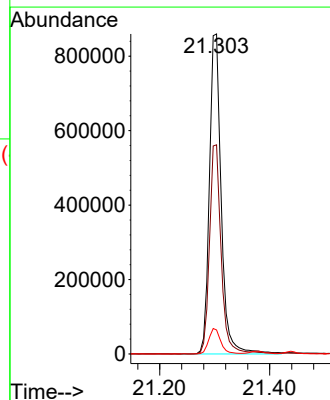
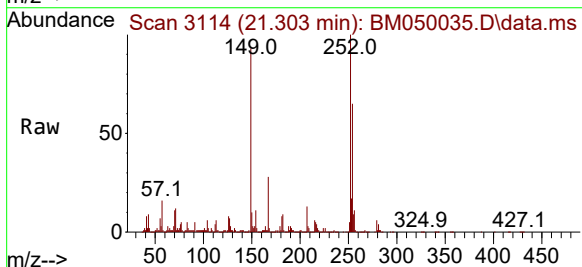
Instrument :
BNA_M
ClientSampleId :
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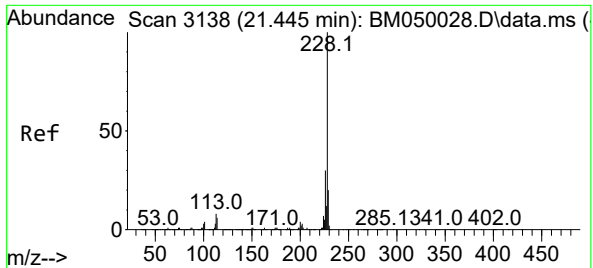
Tgt Ion:228 Resp: 3352850
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.860 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:252 Resp: 1278186
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 7.5 6.0 9.0

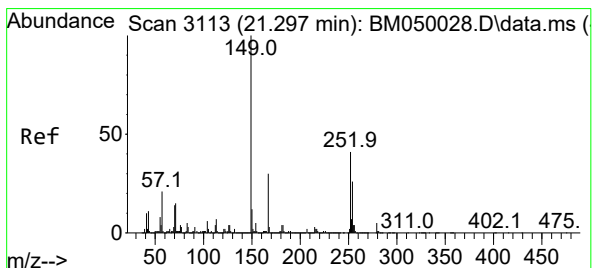
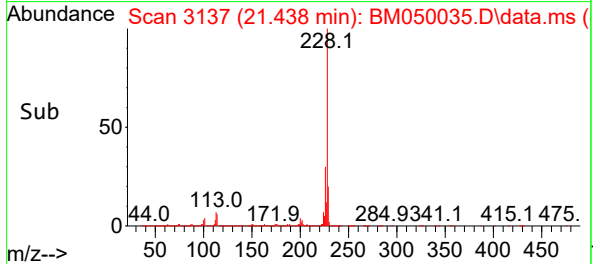
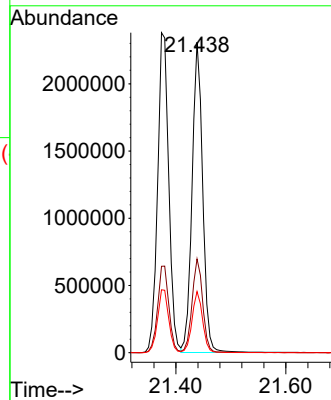
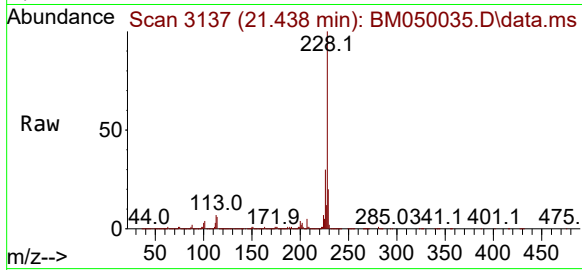




#83
Chrysene
Concen: 42.770 ng
RT: 21.438 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

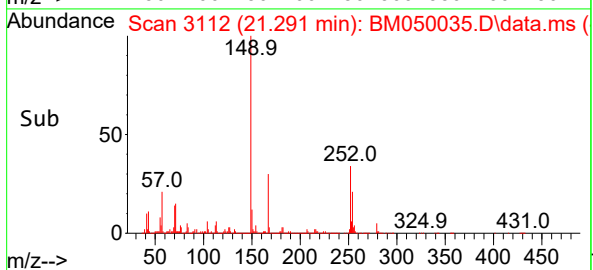
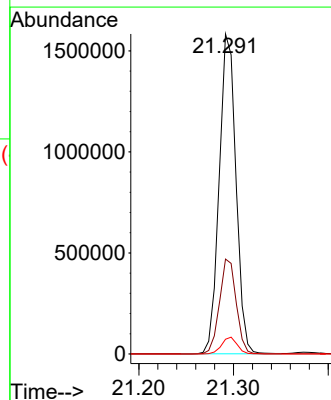
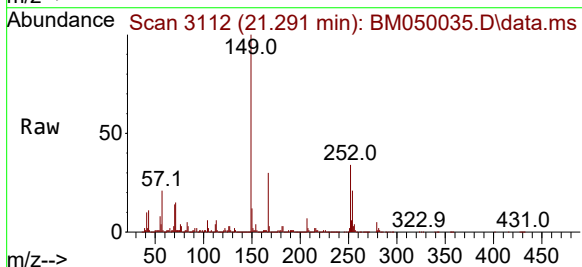
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

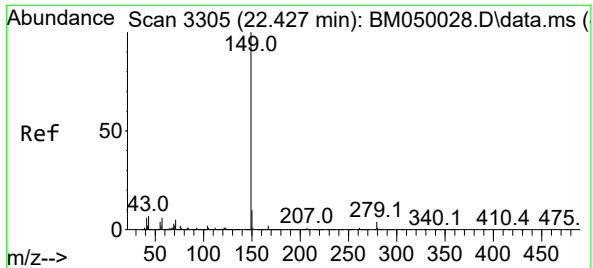
Tgt Ion:228 Resp: 3083803
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.823 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:149 Resp: 1947622
Ion Ratio Lower Upper
149 100
167 29.7 24.1 36.1
279 4.6 3.9 5.9

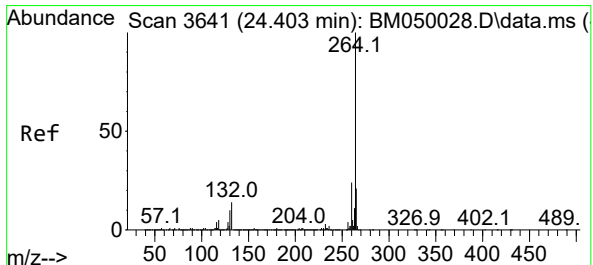
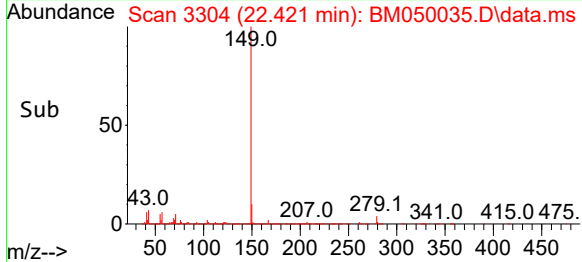
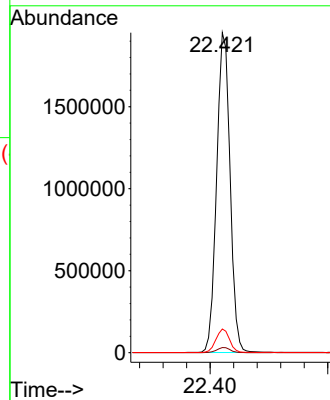
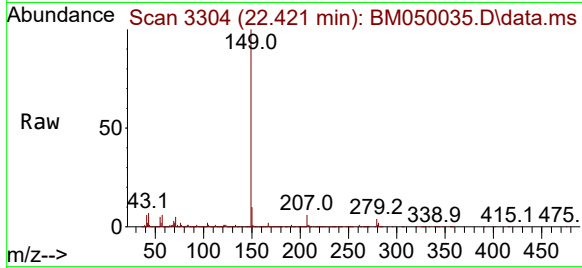




#85
Di-n-octyl phthalate
Concen: 42.163 ng
RT: 22.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

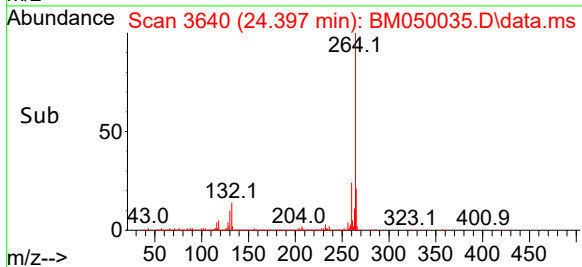
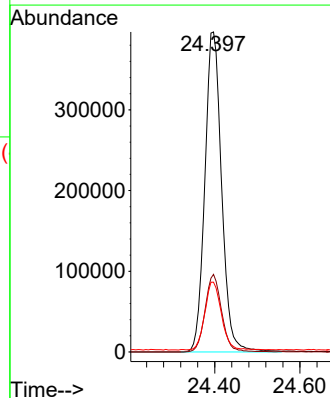
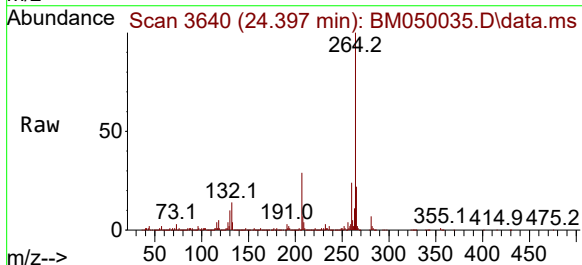
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

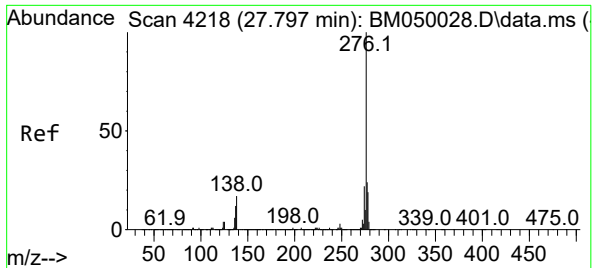
Tgt Ion:149 Resp: 3090238
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:264 Resp: 1083535
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.8 17.0 25.4

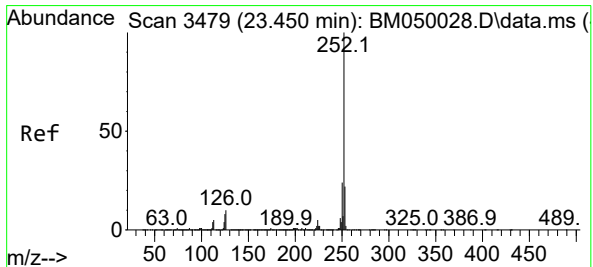
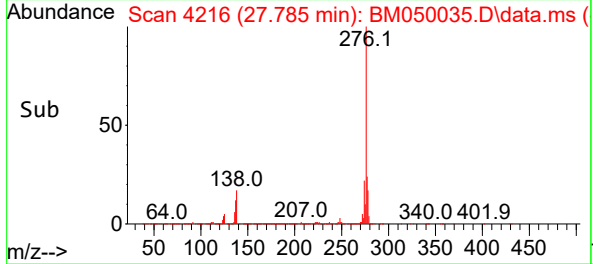
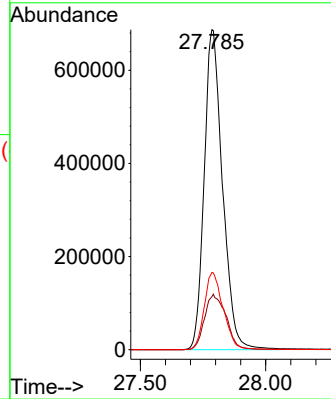
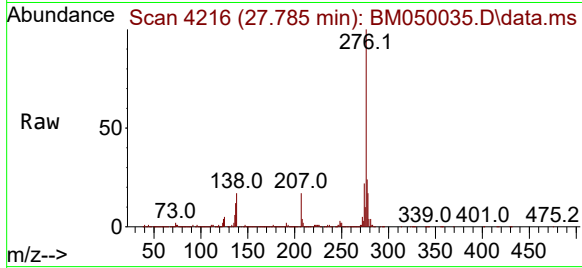




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.266 ng
RT: 27.785 min Scan# 4216
Delta R.T. -0.012 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

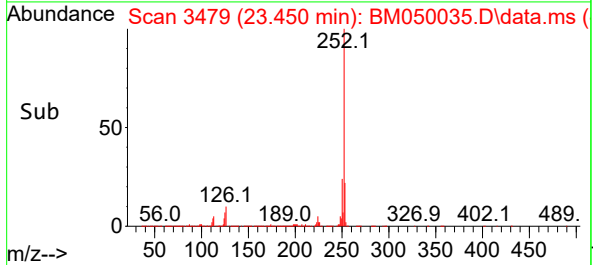
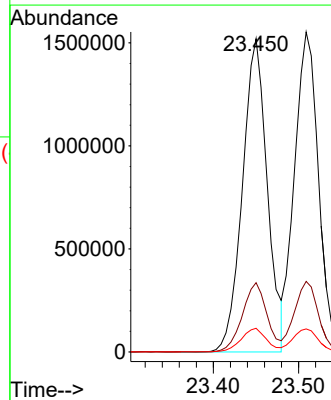
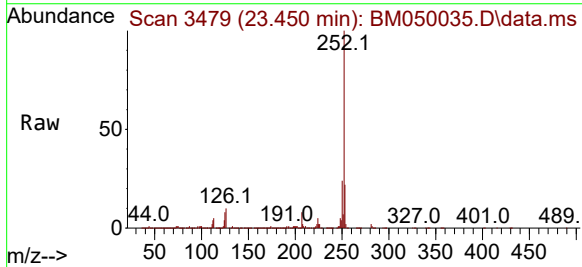
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

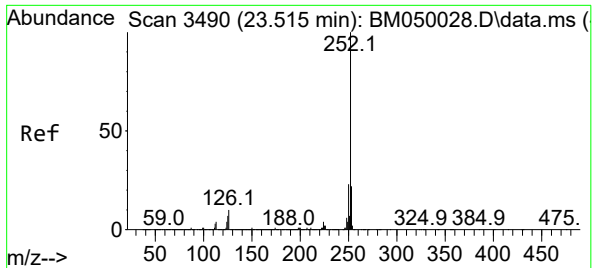
Tgt Ion:276 Resp: 3493137
Ion Ratio Lower Upper
276 100
138 20.3 16.4 24.6
277 25.0 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.606 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:252 Resp: 3072688
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.5 6.1 9.1

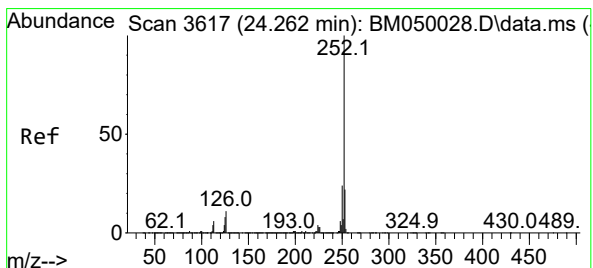
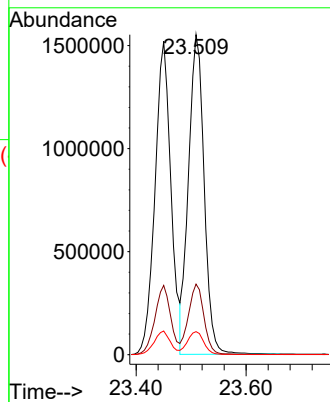
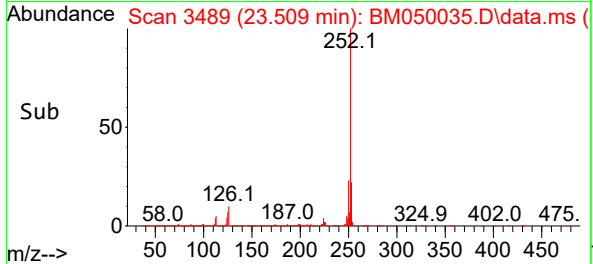
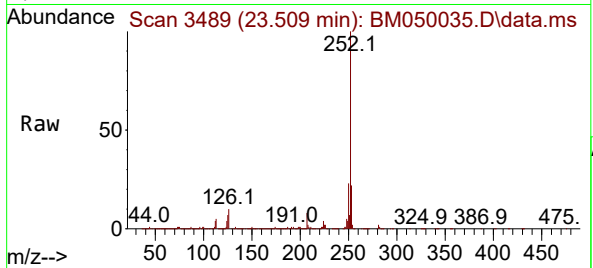




#89
Benzo(k)fluoranthene
Concen: 42.952 ng
RT: 23.509 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

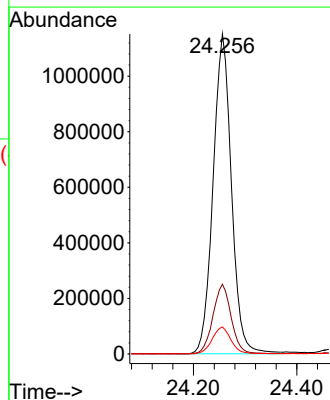
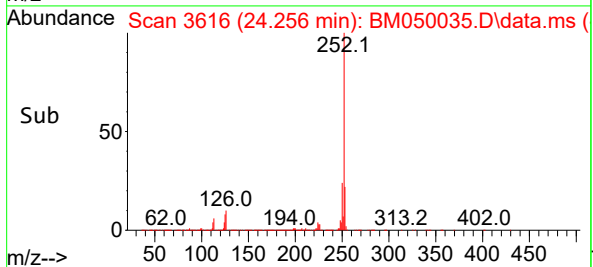
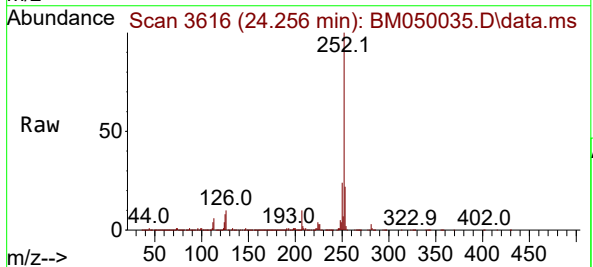
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

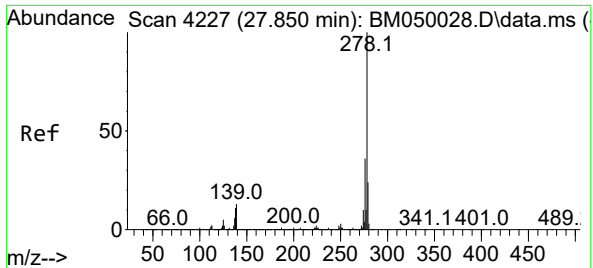
Tgt Ion:252 Resp: 3061512
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.2 5.8 8.8



#90
Benzo(a)pyrene
Concen: 42.958 ng
RT: 24.256 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:252 Resp: 2835173
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.5 6.6 9.8

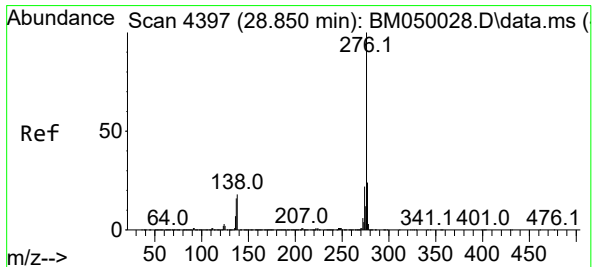
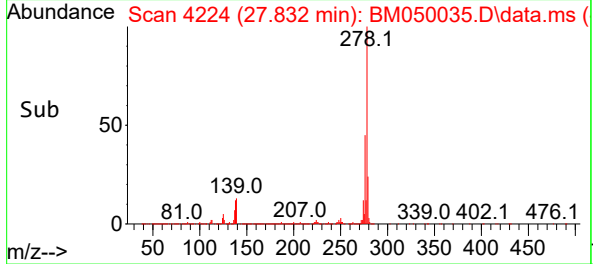
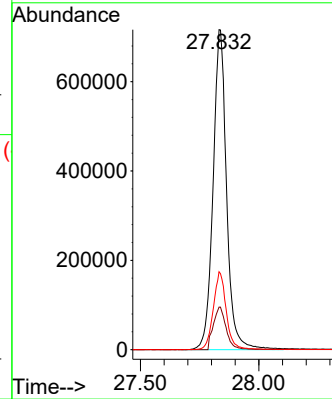
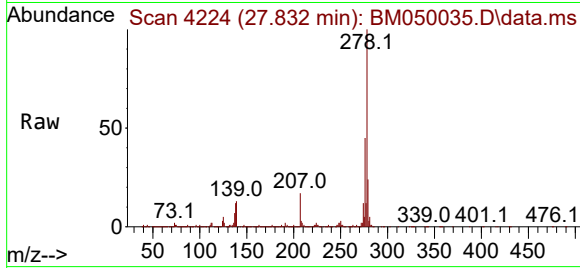




#91
Dibenzo(a,h)anthracene
Concen: 43.239 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

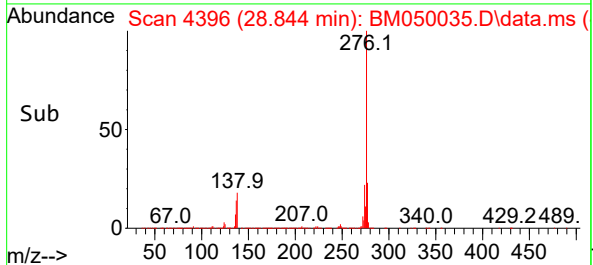
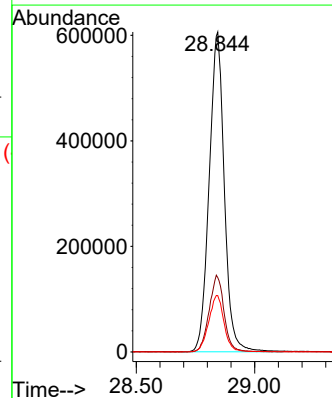
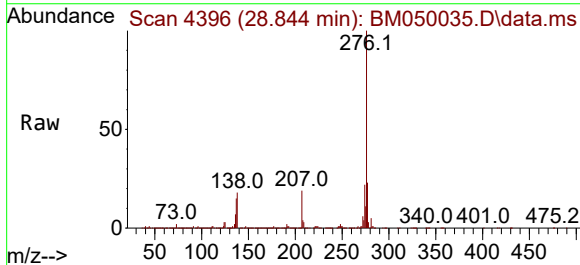
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2845715
Ion Ratio Lower Upper
278 100
139 13.3 10.5 15.7
279 24.3 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 42.653 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.006 min
Lab File: BM050035.D
Acq: 29 Apr 2025 09:13

Tgt Ion:276 Resp: 2687489
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 17.6 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	104	0.00
2	1,4-Dioxane	0.490	0.518	-5.7	106	0.00
3	Pyridine	1.258	1.357	-7.9	106	0.00
4	n-Nitrosodimethylamine	0.493	0.537	-8.9	108	0.00
5 S	2-Fluorophenol	1.142	1.236	-8.2	107	0.00
6	Aniline	1.813	1.937	-6.8	104	0.00
7 S	Phenol-d6	1.436	1.548	-7.8	105	0.00
8	2-Chlorophenol	1.235	1.306	-5.7	104	0.00
9	Benzaldehyde	0.961	1.040	-8.2	105	0.00
10 C	Phenol	1.453	1.558	-7.2	106	0.00
11	bis(2-Chloroethyl)ether	1.213	1.290	-6.3	105	0.00
12	1,3-Dichlorobenzene	1.492	1.569	-5.2	105	0.00
13 C	1,4-Dichlorobenzene	1.499	1.572	-4.9	105	0.00
14	1,2-Dichlorobenzene	1.448	1.517	-4.8	104	0.00
15	Benzyl Alcohol	0.996	1.068	-7.2	103	0.00
16	2,2'-oxybis(1-Chloropropane	1.475	1.570	-6.4	106	0.00
17	2-Methylphenol	0.957	1.019	-6.5	103	0.00
18	Hexachloroethane	0.533	0.554	-3.9	104	0.00
19 P	n-Nitroso-di-n-propylamine	0.921	0.995	-8.0	104	0.00
20	3+4-Methylphenols	1.293	1.378	-6.6	103	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.497	0.532	-7.0	102	0.00
23 S	Nitrobenzene-d5	0.406	0.443	-9.1	104	0.00
24	Nitrobenzene	0.351	0.378	-7.7	104	0.00
25	Isophorone	0.692	0.735	-6.2	103	0.00
26 C	2-Nitrophenol	0.179	0.195	-8.9	101	0.00
27	2,4-Dimethylphenol	0.297	0.320	-7.7	101	0.00
28	bis(2-Chloroethoxy)methane	0.428	0.458	-7.0	103	0.00
29 C	2,4-Dichlorophenol	0.333	0.360	-8.1	102	0.00
30	1,2,4-Trichlorobenzene	0.406	0.429	-5.7	103	0.00
31	Naphthalene	1.013	1.070	-5.6	103	0.00
32	Benzoic acid	0.190	0.196	-3.2	102	0.00
33	4-Chloroaniline	0.415	0.451	-8.7	105	0.00
34 C	Hexachlorobutadiene	0.258	0.271	-5.0	102	0.00
35	Caprolactam	0.097	0.100	-3.1	98	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.325	-5.5	102	0.00
37	2-Methylnaphthalene	0.679	0.717	-5.6	103	0.00
38	1-Methylnaphthalene	0.719	0.757	-5.3	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.692	0.739	-6.8	101	0.00
41 P	Hexachlorocyclopentadiene	0.423	0.457	-8.0	102	0.00
42 S	2,4,6-Tribromophenol	0.296	0.317	-7.1	102	0.00
43 C	2,4,6-Trichlorophenol	0.439	0.472	-7.5	101	0.00
44	2,4,5-Trichlorophenol	0.474	0.506	-6.8	99	0.00
45 S	2-Fluorobiphenyl	1.691	1.844	-9.0	104	0.00
46	1,1'-Biphenyl	1.487	1.578	-6.1	102	0.00
47	2-Chloronaphthalene	1.177	1.259	-7.0	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	0.276	0.299	-8.3	101	0.00
49	Acenaphthylene	1.857	1.966	-5.9	101	0.00
50	Dimethylphthalate	1.462	1.522	-4.1	101	0.00
51	2,6-Dinitrotoluene	0.303	0.328	-8.3	102	0.00
52 C	Acenaphthene	1.075	1.140	-6.0	102	0.00
53	3-Nitroaniline	0.289	0.314	-8.7	100	0.00
54 P	2,4-Dinitrophenol	0.164	0.176	-7.3	101	0.00
55	Dibenzofuran	1.788	1.888	-5.6	102	0.00
56 P	4-Nitrophenol	0.205	0.222	-8.3	101	0.00
57	2,4-Dinitrotoluene	0.418	0.455	-8.9	101	0.00
58	Fluorene	1.463	1.571	-7.4	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.410	0.430	-4.9	100	0.00
60	Diethylphthalate	1.377	1.428	-3.7	101	0.00
61	4-Chlorophenyl-phenylether	0.804	0.865	-7.6	103	0.00
62	4-Nitroaniline	0.279	0.307	-10.0	100	0.00
63	Azobenzene	1.154	1.231	-6.7	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.136	-8.8	101	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.659	-7.3	101	0.00
67	4-Bromophenyl-phenylether	0.242	0.259	-7.0	101	0.00
68	Hexachlorobenzene	0.279	0.296	-6.1	101	0.00
69	Atrazine	0.222	0.236	-6.3	100	0.00
70 C	Pentachlorophenol	0.157	0.168	-7.0	102	0.00
71	Phenanthrene	1.128	1.205	-6.8	102	0.00
72	Anthracene	1.142	1.222	-7.0	101	0.00
73	Carbazole	0.991	1.063	-7.3	101	0.00
74	Di-n-butylphthalate	1.180	1.268	-7.5	102	0.00
75 C	Fluoranthene	1.324	1.421	-7.3	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77	Benzydine	0.710	0.766	-7.9	101	0.00
78	Pyrene	1.404	1.520	-8.3	102	0.00
79 S	Terphenyl-d14	1.352	1.558	-15.2	104	0.00
80	Butylbenzylphthalate	0.526	0.560	-6.5	101	0.00
81	Benzo(a)anthracene	1.377	1.482	-7.6	102	0.00
82	3,3'-Dichlorobenzidine	0.527	0.565	-7.2	99	0.00
83	Chrysene	1.275	1.363	-6.9	103	0.00
84	Bis(2-ethylhexyl)phthalate	0.786	0.861	-9.5	104	0.00
85 c	Di-n-octyl phthalate	1.296	1.366	-5.4	101	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.490	1.612	-8.2	102	-0.01
88	Benzo(b)fluoranthene	1.301	1.418	-9.0	102	0.00
89	Benzo(k)fluoranthene	1.316	1.413	-7.4	103	0.00
90 C	Benzo(a)pyrene	1.218	1.308	-7.4	102	0.00
91	Dibenzo(a,h)anthracene	1.215	1.313	-8.1	102	-0.02
92	Benzo(g,h,i)perylene	1.163	1.240	-6.6	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050035.D
Acq On : 29 Apr 2025 09:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	104	0.00
2	1,4-Dioxane	40.000	42.315	-5.8	106	0.00
3	Pyridine	40.000	43.130	-7.8	106	0.00
4	n-Nitrosodimethylamine	40.000	43.559	-8.9	108	0.00
5 S	2-Fluorophenol	80.000	86.540	-8.2	107	0.00
6	Aniline	40.000	42.744	-6.9	104	0.00
7 S	Phenol-d6	80.000	86.292	-7.9	105	0.00
8	2-Chlorophenol	40.000	42.288	-5.7	104	0.00
9	Benzaldehyde	40.000	43.316	-8.3	105	0.00
10 C	Phenol	40.000	42.882	-7.2	106	0.00
11	bis(2-Chloroethyl)ether	40.000	42.507	-6.3	105	0.00
12	1,3-Dichlorobenzene	40.000	42.075	-5.2	105	0.00
13 C	1,4-Dichlorobenzene	40.000	41.952	-4.9	105	0.00
14	1,2-Dichlorobenzene	40.000	41.907	-4.8	104	0.00
15	Benzyl Alcohol	40.000	42.926	-7.3	103	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.570	-6.4	106	0.00
17	2-Methylphenol	40.000	42.588	-6.5	103	0.00
18	Hexachloroethane	40.000	41.608	-4.0	104	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.222	-8.1	104	0.00
20	3+4-Methylphenols	40.000	42.632	-6.6	103	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	42.761	-6.9	102	0.00
23 S	Nitrobenzene-d5	80.000	87.331	-9.2	104	0.00
24	Nitrobenzene	40.000	43.135	-7.8	104	0.00
25	Isophorone	40.000	42.491	-6.2	103	0.00
26 C	2-Nitrophenol	40.000	43.443	-8.6	101	0.00
27	2,4-Dimethylphenol	40.000	43.077	-7.7	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.878	-7.2	103	0.00
29 C	2,4-Dichlorophenol	40.000	43.194	-8.0	102	0.00
30	1,2,4-Trichlorobenzene	40.000	42.327	-5.8	103	0.00
31	Naphthalene	40.000	42.272	-5.7	103	0.00
32	Benzoic acid	40.000	41.208	-3.0	102	0.00
33	4-Chloroaniline	40.000	43.420	-8.6	105	0.00
34 C	Hexachlorobutadiene	40.000	42.036	-5.1	102	0.00
35	Caprolactam	40.000	41.119	-2.8	98	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.230	-5.6	102	0.00
37	2-Methylnaphthalene	40.000	42.236	-5.6	103	0.00
38	1-Methylnaphthalene	40.000	42.151	-5.4	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.696	-6.7	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.230	-8.1	102	0.00
42 S	2,4,6-Tribromophenol	80.000	85.877	-7.3	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	43.034	-7.6	101	0.00
44	2,4,5-Trichlorophenol	40.000	42.743	-6.9	99	0.00
45 S	2-Fluorobiphenyl	80.000	87.250	-9.1	104	0.00
46	1,1'-Biphenyl	40.000	42.469	-6.2	102	0.00
47	2-Chloronaphthalene	40.000	42.762	-6.9	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050035.D
 Acq On : 29 Apr 2025 09:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.340	-8.4	101	0.00
49	Acenaphthylene	40.000	42.368	-5.9	101	0.00
50	Dimethylphthalate	40.000	41.639	-4.1	101	0.00
51	2,6-Dinitrotoluene	40.000	43.327	-8.3	102	0.00
52 C	Acenaphthene	40.000	42.420	-6.1	102	0.00
53	3-Nitroaniline	40.000	43.473	-8.7	100	0.00
54 P	2,4-Dinitrophenol	40.000	39.527	1.2	101	0.00
55	Dibenzofuran	40.000	42.245	-5.6	102	0.00
56 P	4-Nitrophenol	40.000	40.182	-0.5	101	0.00
57	2,4-Dinitrotoluene	40.000	43.486	-8.7	101	0.00
58	Fluorene	40.000	42.928	-7.3	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.959	-4.9	100	0.00
60	Diethylphthalate	40.000	41.488	-3.7	101	0.00
61	4-Chlorophenyl-phenylether	40.000	43.055	-7.6	103	0.00
62	4-Nitroaniline	40.000	44.036	-10.1	100	0.00
63	Azobenzene	40.000	42.660	-6.6	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.488	-8.7	101	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.891	-7.2	101	0.00
67	4-Bromophenyl-phenylether	40.000	42.914	-7.3	101	0.00
68	Hexachlorobenzene	40.000	42.419	-6.0	101	0.00
69	Atrazine	40.000	42.620	-6.5	100	0.00
70 C	Pentachlorophenol	40.000	42.948	-7.4	102	0.00
71	Phenanthrene	40.000	42.720	-6.8	102	0.00
72	Anthracene	40.000	42.821	-7.1	101	0.00
73	Carbazole	40.000	42.908	-7.3	101	0.00
74	Di-n-butylphthalate	40.000	42.996	-7.5	102	0.00
75 C	Fluoranthene	40.000	42.925	-7.3	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77	Benzydine	40.000	43.146	-7.9	101	0.00
78	Pyrene	40.000	43.293	-8.2	102	0.00
79 S	Terphenyl-d14	80.000	92.232	-15.3	104	0.00
80	Butylbenzylphthalate	40.000	42.560	-6.4	101	0.00
81	Benzo(a)anthracene	40.000	43.038	-7.6	102	0.00
82	3,3'-Dichlorobenzidine	40.000	42.860	-7.1	99	0.00
83	Chrysene	40.000	42.770	-6.9	103	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.823	-9.6	104	0.00
85 c	Di-n-octyl phthalate	40.000	42.163	-5.4	101	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.266	-8.2	102	-0.01
88	Benzo(b)fluoranthene	40.000	43.606	-9.0	102	0.00
89	Benzo(k)fluoranthene	40.000	42.952	-7.4	103	0.00
90 C	Benzo(a)pyrene	40.000	42.958	-7.4	102	0.00
91	Dibenzo(a,h)anthracene	40.000	43.239	-8.1	102	-0.02
92	Benzo(g,h,i)perylene	40.000	42.653	-6.6	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050035.D
Acq On : 29 Apr 2025 09:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Apr 29 10:39:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



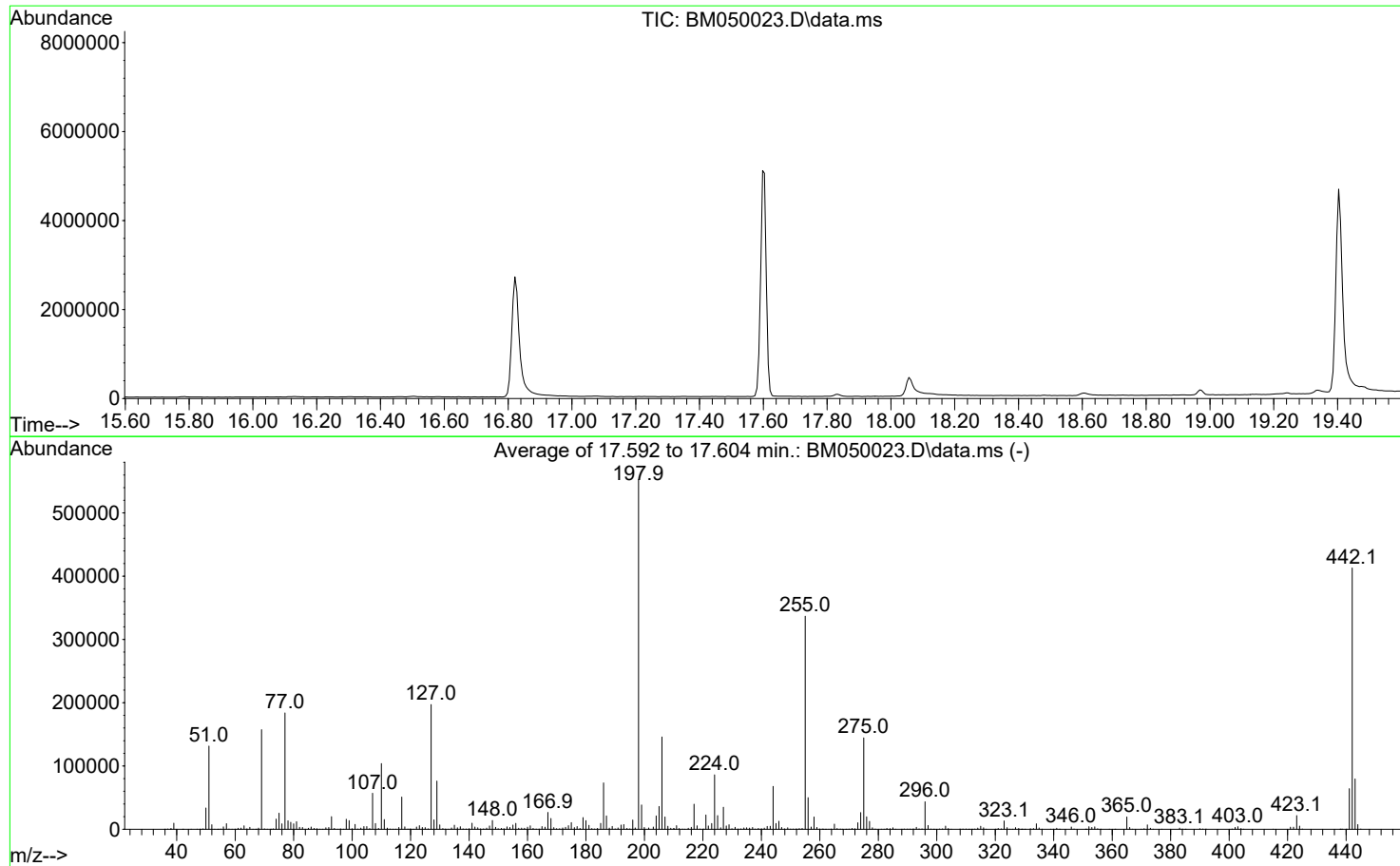
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

Instrument :
BNA_M
ClientSampleId :
DFTPP

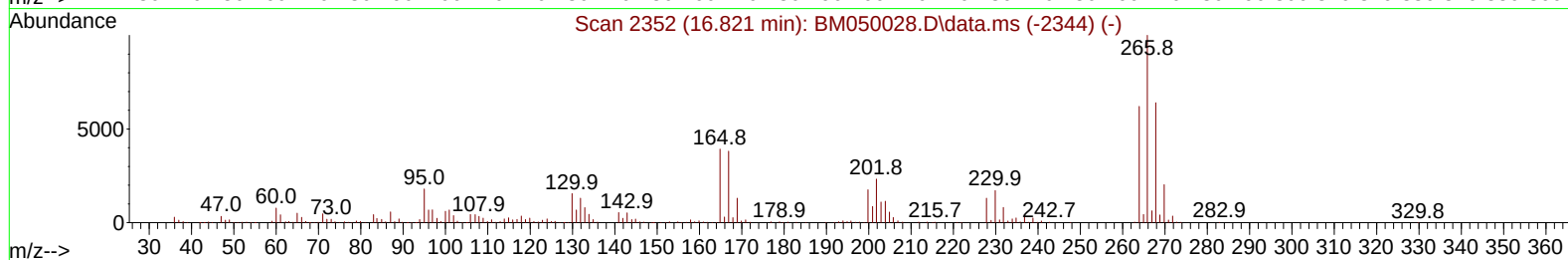
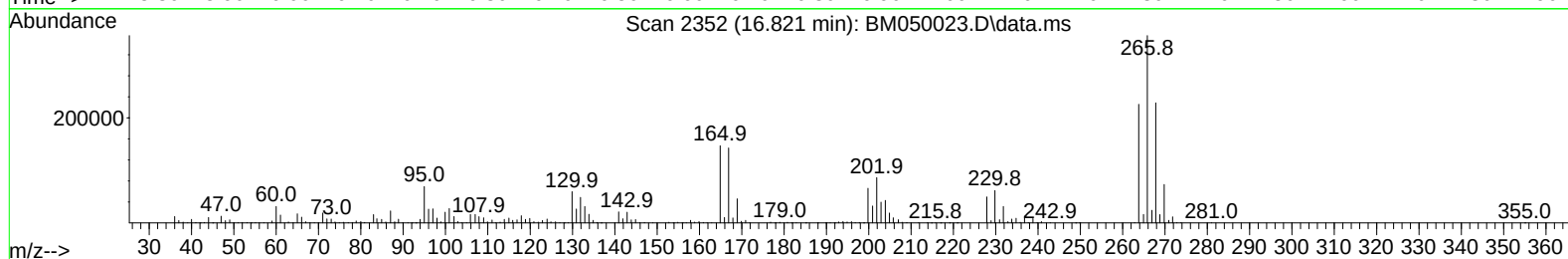
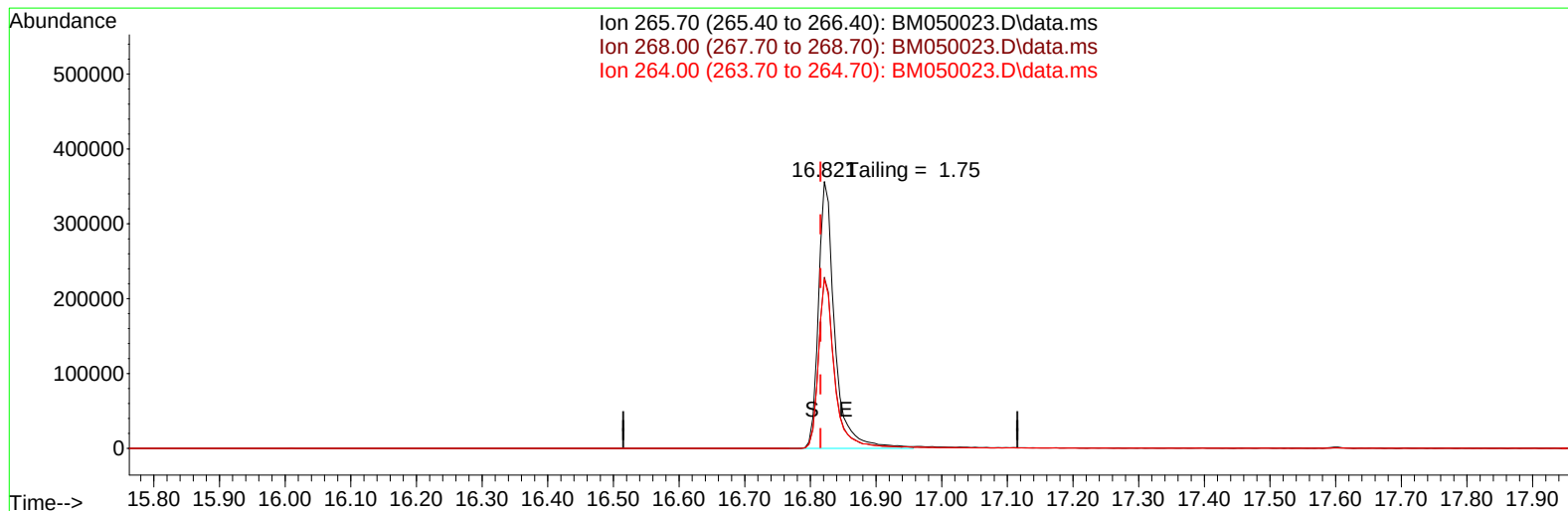
DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	<u>BM050023.D</u>
Compound Name	Response	Retention Time
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18951	1997046	0.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

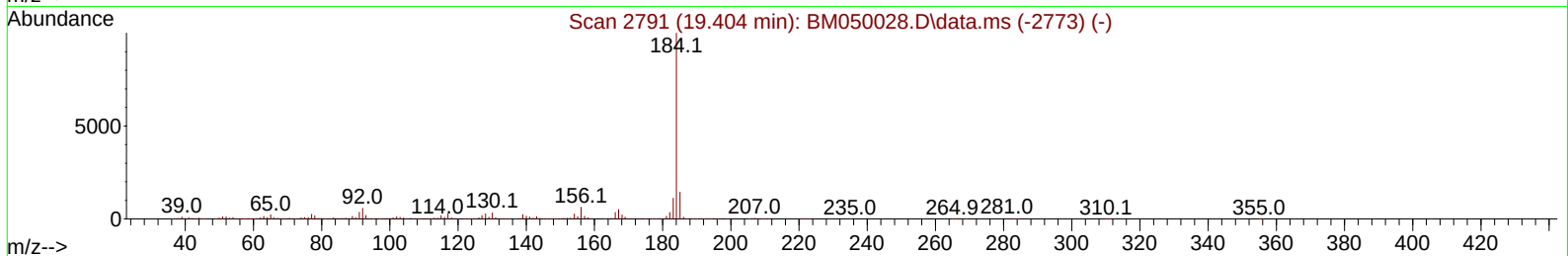
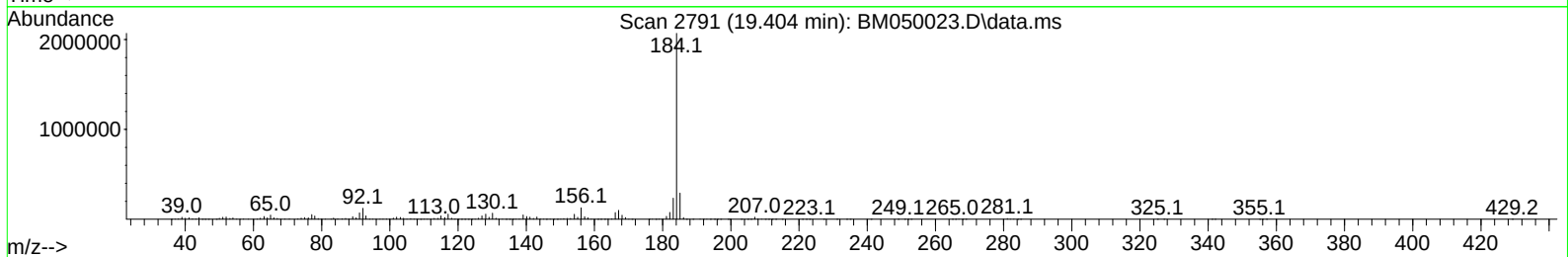
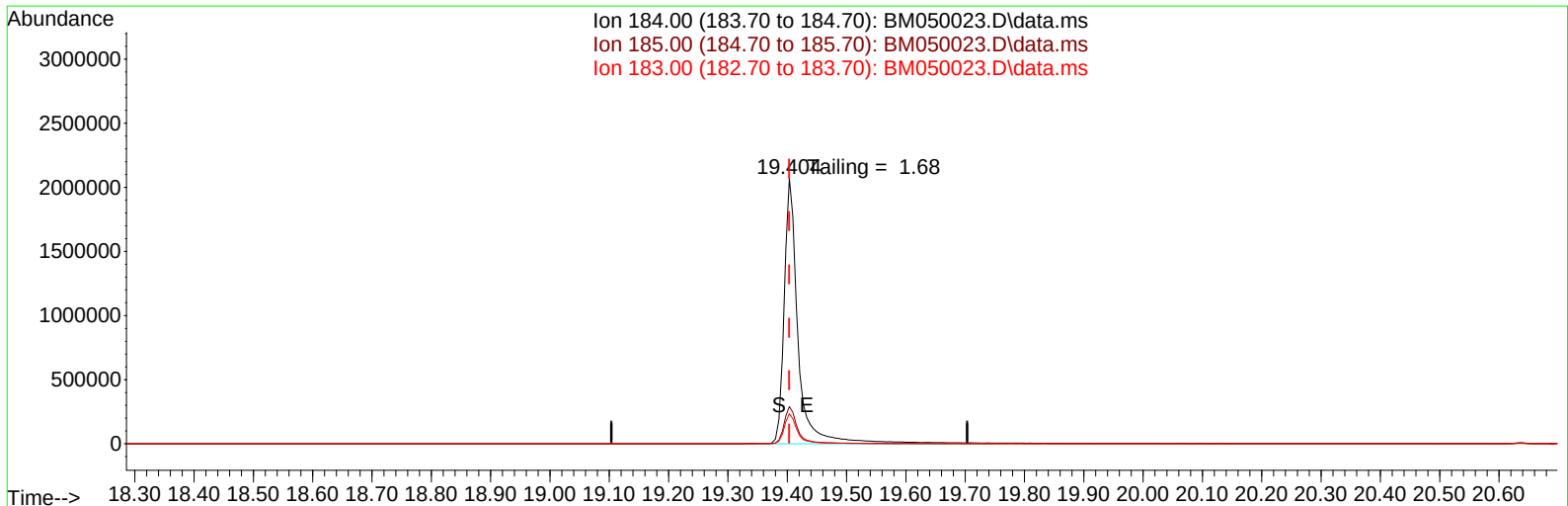
response 613835

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(77) Benzidine

19.404min (+ 0.000) 1761877.84 ng

response 3412576

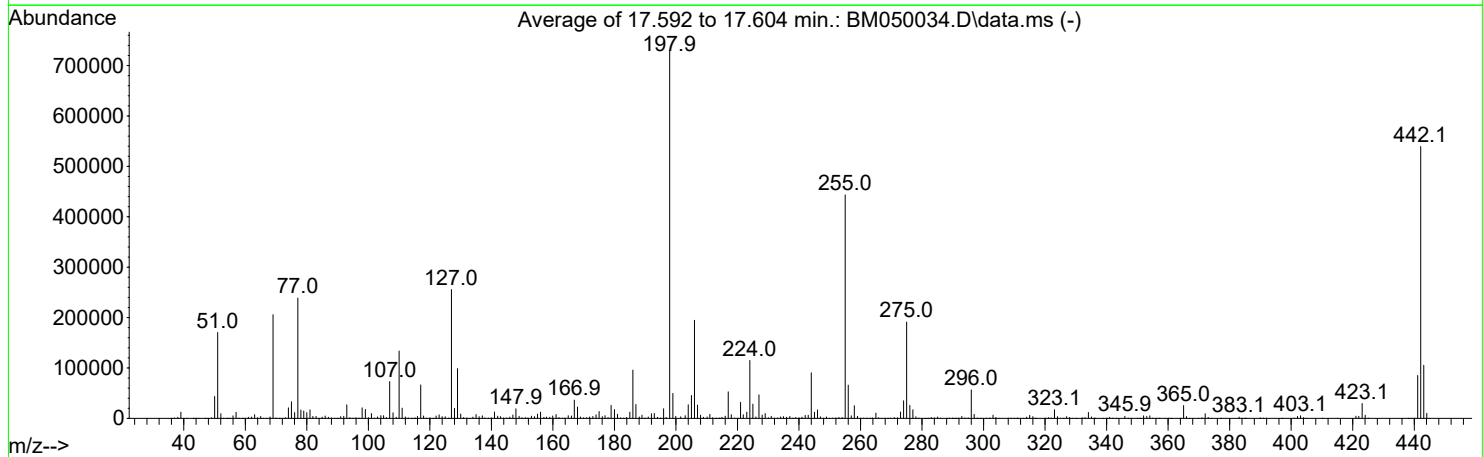
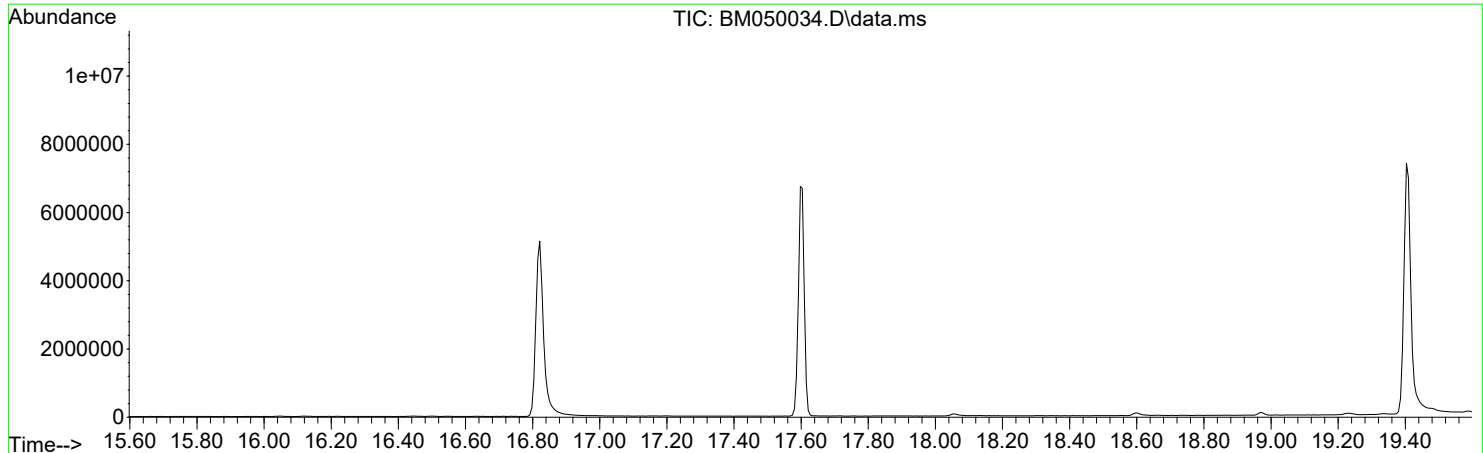
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050034.D
Acq On : 29 Apr 2025 08:34
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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.3	170310	PASS
68	69	0.00	2	1.4	2912	PASS
69	198	0.00	100	28.2	205819	PASS
70	69	0.00	2	0.5	1046	PASS
127	198	10	80	35.0	255467	PASS
197	198	0.00	2	0.2	1793	PASS
198	198	100	100	100.0	729771	PASS
199	198	5	9	6.8	49669	PASS
275	198	10	60	26.2	190984	PASS
365	198	1	100	3.5	25487	PASS
441	198	0.01	100	11.6	84955	PASS
442	442	50	100	100.0	539392	PASS
443	442	15	24	19.6	105480	PASS

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

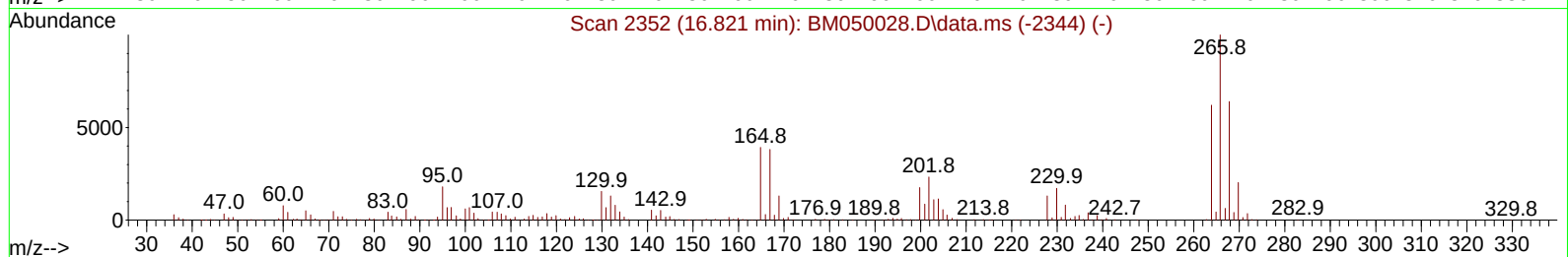
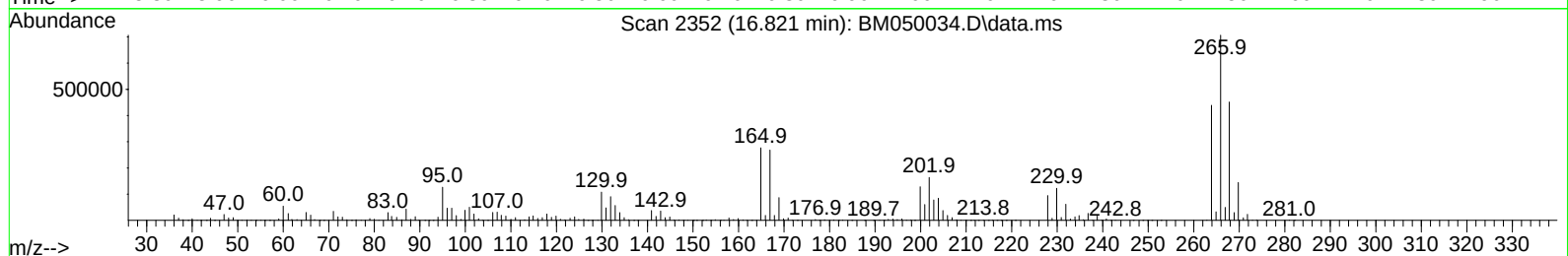
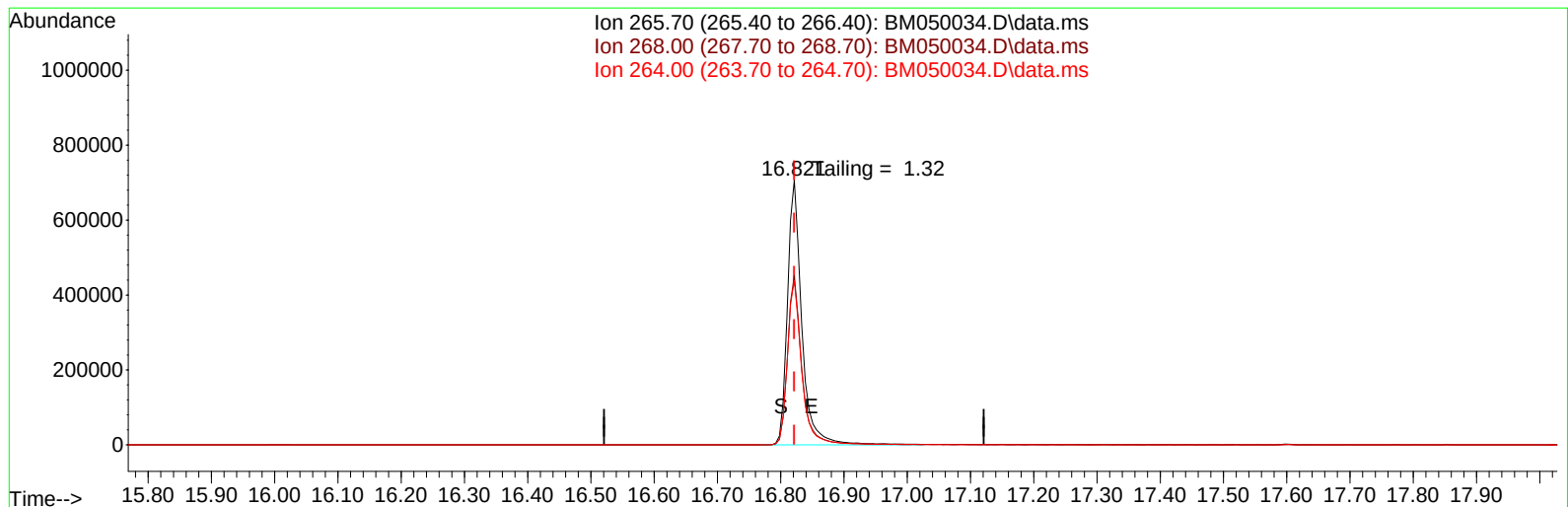
DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/29/2025	BNA_M	<u>BM050034.D</u>
Compound Name	Response	Retention Time
DDT	2527785	20.639
DDD	21730	20.251
DDE	1438	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23168	2550953	0.91

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050034.D
Acq On : 29 Apr 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 29 10:46:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050034.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.000) 30619.08 ng

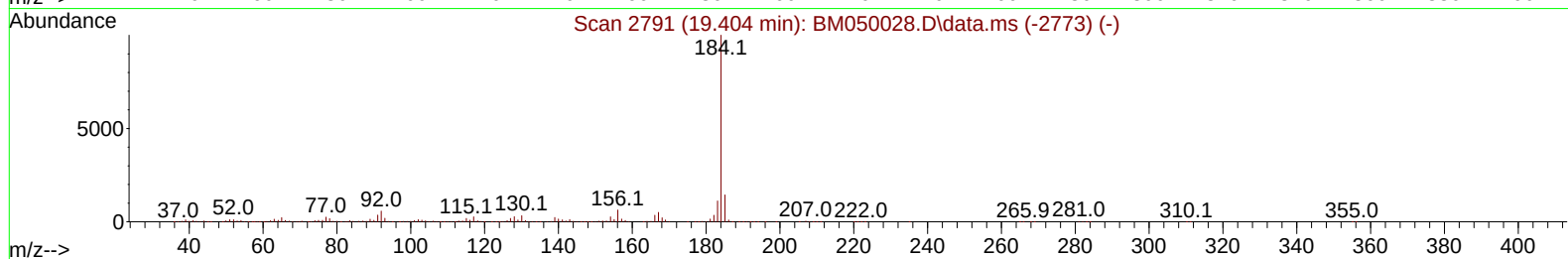
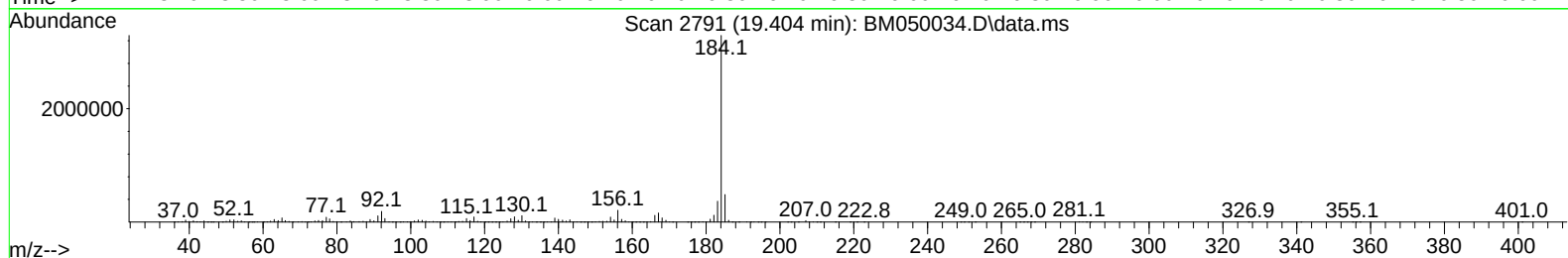
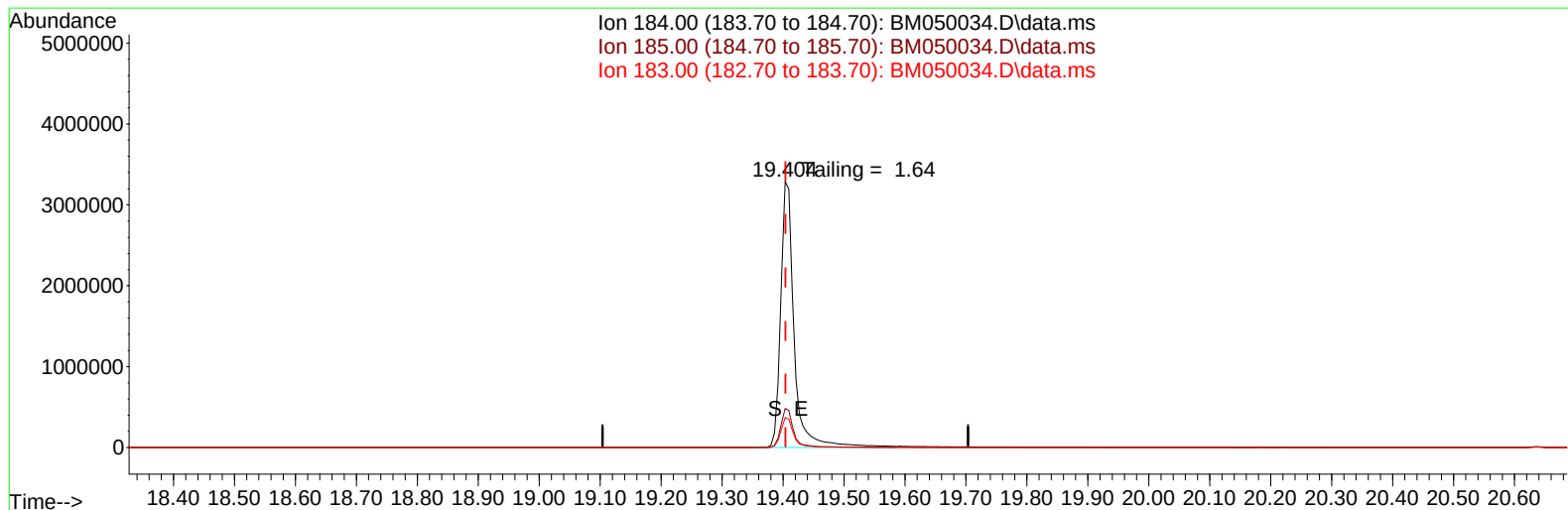
response 1122917

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	63.94
264.00	62.00	62.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050034.D
Acq On : 29 Apr 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 29 10:46:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050034.D\data.ms

(77) Benzidine**19.404min (-0.000) 11929.52 ng****response 5130701**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.69
183.00	11.10	11.20
0.00	0.00	0.00

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BL	SDG No.:	Q1870
Lab Sample ID:	PB167729BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM050036.D	1	04/24/25 12:05	04/29/25 09:52	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.769			
1146-65-2	Naphthalene-d8	927000	10.563			
15067-26-2	Acenaphthene-d10	611000	14.41			
1517-22-2	Phenanthrene-d10	1170000	17.162			
1719-03-5	Chrysene-d12	972000	21.403			
1520-96-3	Perylene-d12	1010000	24.403			

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\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	267473	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926574	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611197	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1171848	20.000	ng	0.00
76) Chrysene-d12	21.403	240	971539	20.000	ng	0.00
86) Perylene-d12	24.403	264	1012325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2048277	134.095	ng	0.00
7) Phenol-d6	6.951	99	2468999	128.604	ng	0.00
23) Nitrobenzene-d5	8.928	82	1461498	77.724	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1138683	125.997	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4002903	77.477	ng	0.00
79) Terphenyl-d14	19.780	244	6115548	93.145	ng	0.00

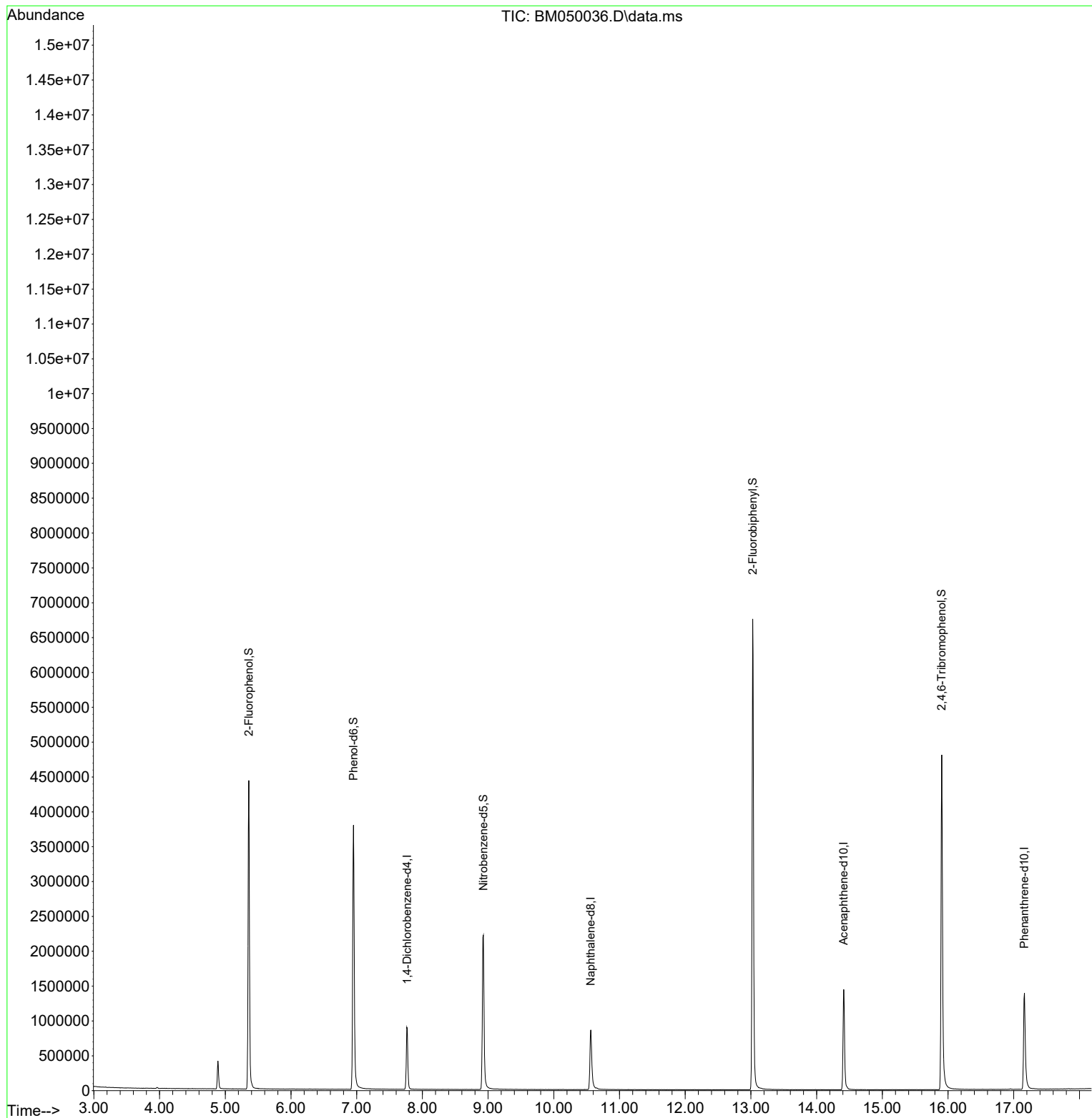
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

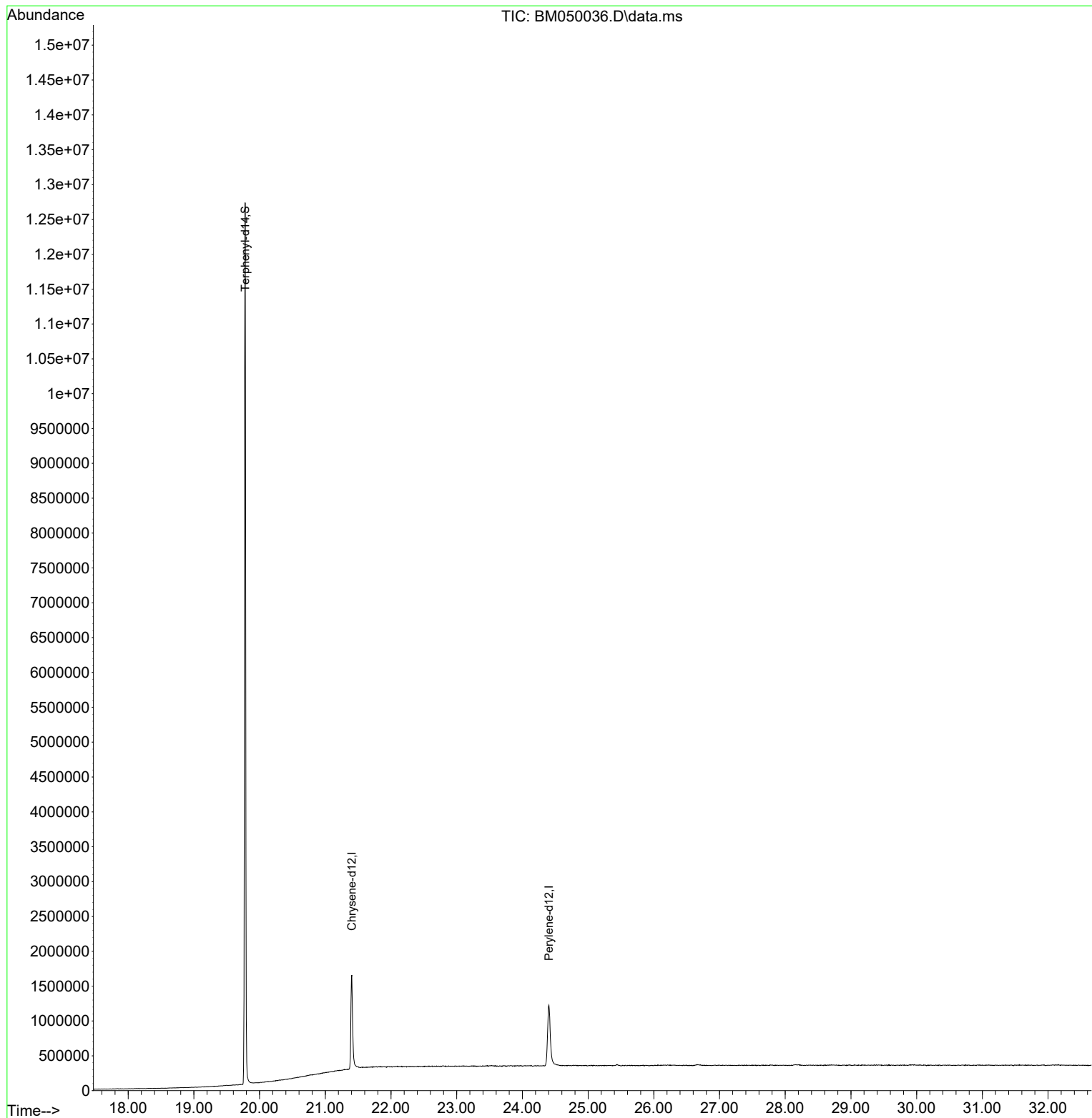
Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

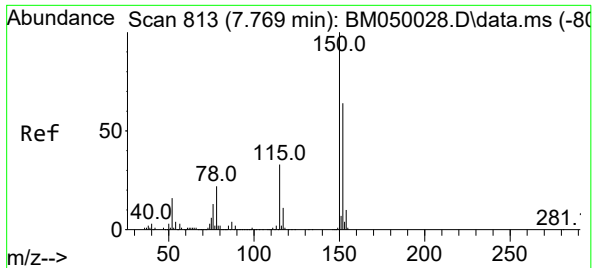


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050036.D
Acq On : 29 Apr 2025 09:52
Operator : RC/JU
Sample : PB167729BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BL

Quant Time: Apr 29 10:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

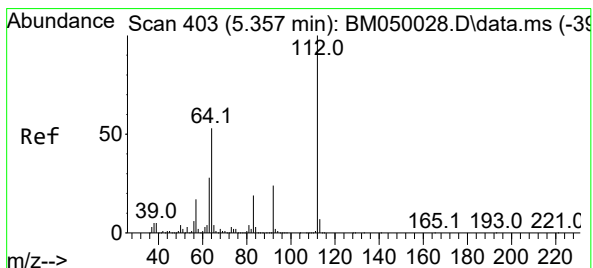
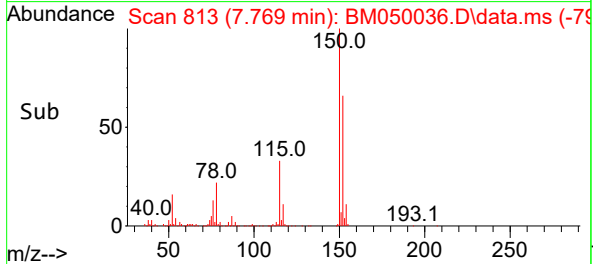
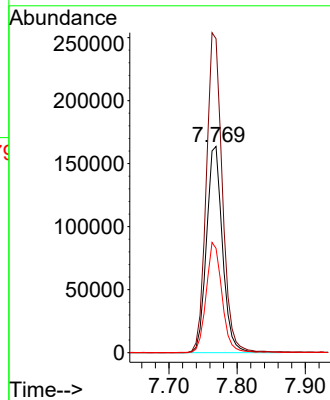
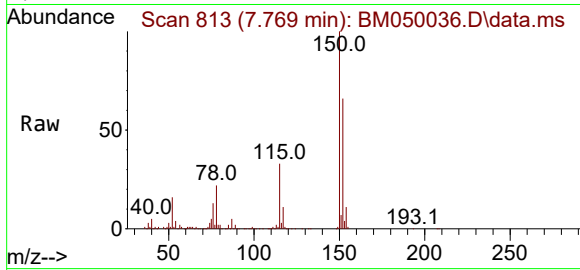




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

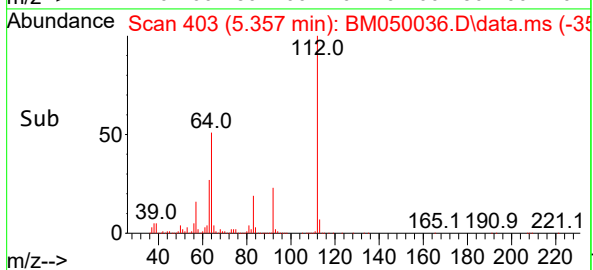
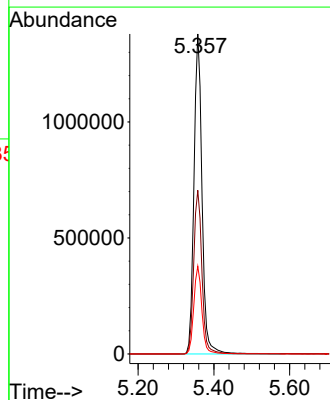
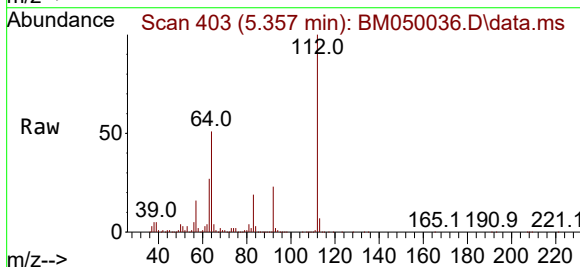
Instrument :
BNA_M
ClientSampleId :
PB167729BL

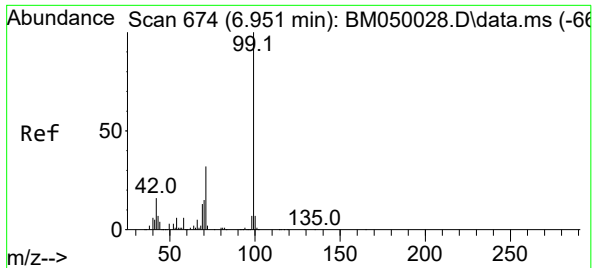
Tgt Ion:152 Resp: 267473
Ion Ratio Lower Upper
152 100
150 152.2 124.1 186.1
115 50.6 41.2 61.8



#5
2-Fluorophenol
Concen: 134.095 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:112 Resp: 2048277
Ion Ratio Lower Upper
112 100
64 51.1 42.6 64.0
63 27.4 22.2 33.4

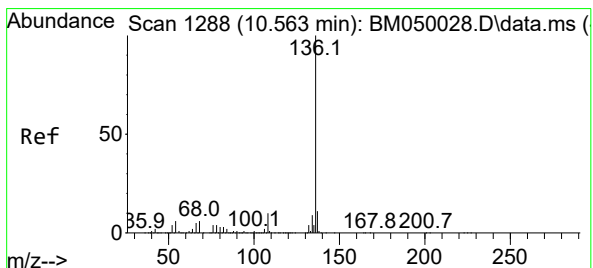
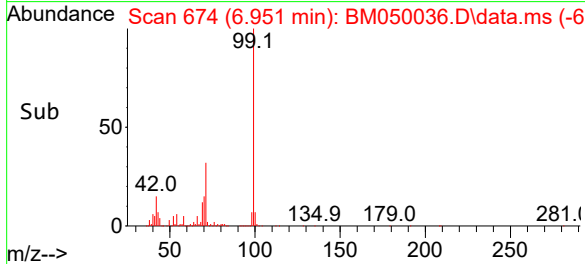
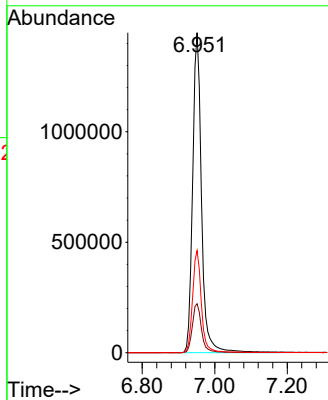
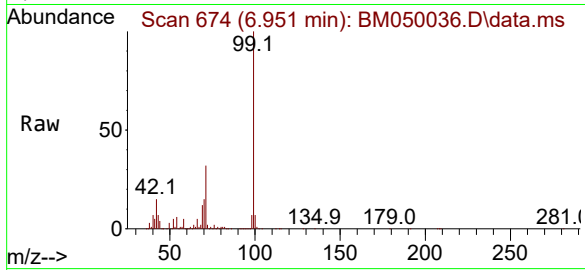




#7
Phenol-d6
Concen: 128.604 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

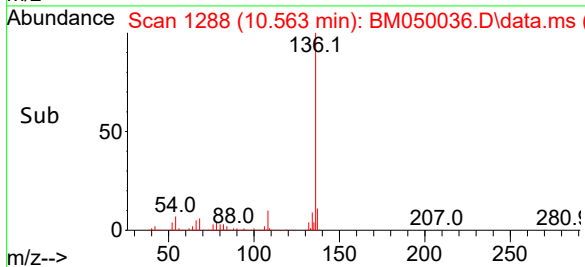
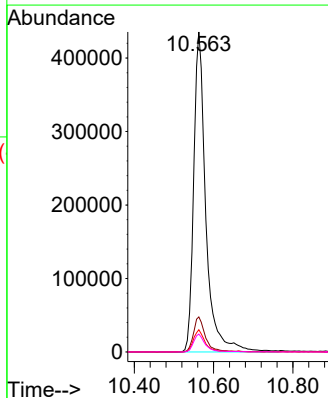
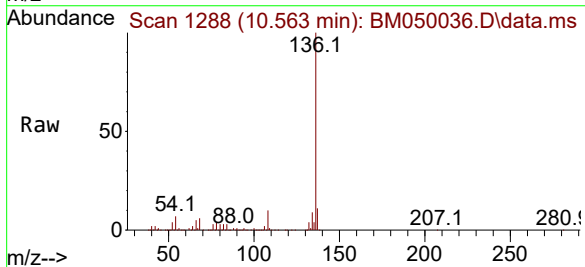
Instrument :
BNA_M
ClientSampleId :
PB167729BL

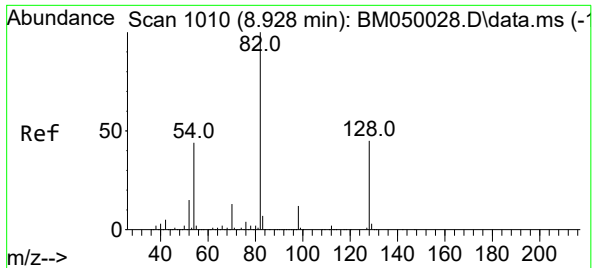
Tgt Ion: 99 Resp: 2468999
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion: 136 Resp: 926574
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.1 7.7
68 5.6 4.4 6.6

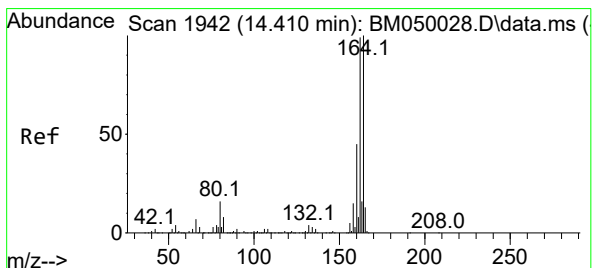
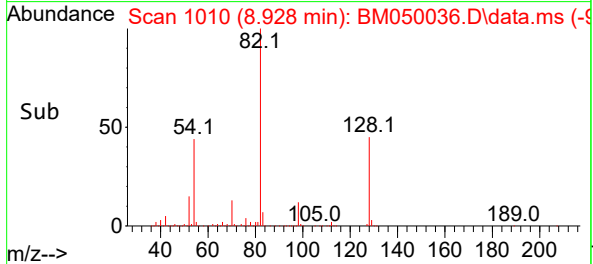
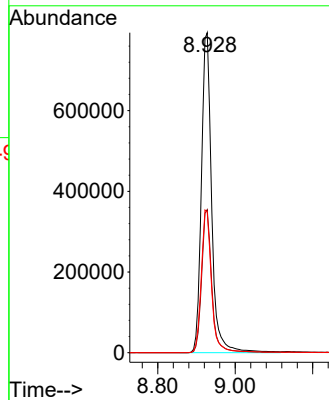
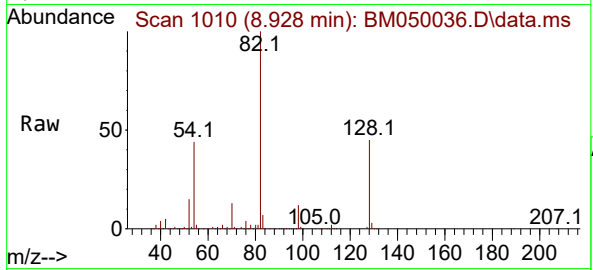




#23
Nitrobenzene-d5
Concen: 77.724 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

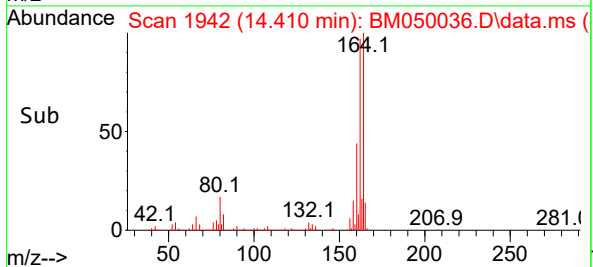
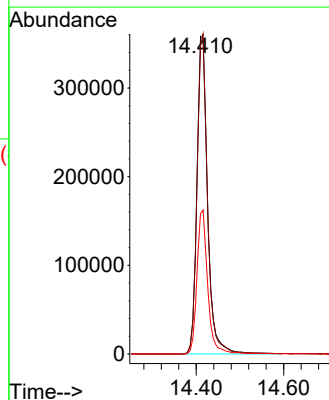
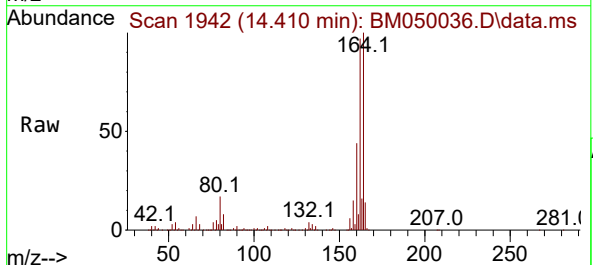
Instrument :
BNA_M
ClientSampleId :
PB167729BL

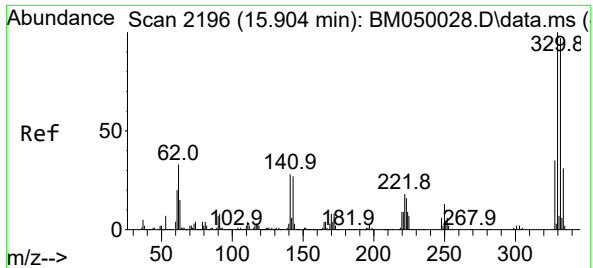
Tgt Ion: 82 Resp: 1461498
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 43.9 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion: 164 Resp: 611197
Ion Ratio Lower Upper
164 100
162 97.2 79.4 119.0
160 44.2 36.2 54.4

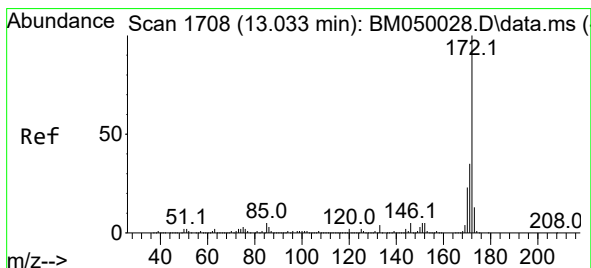
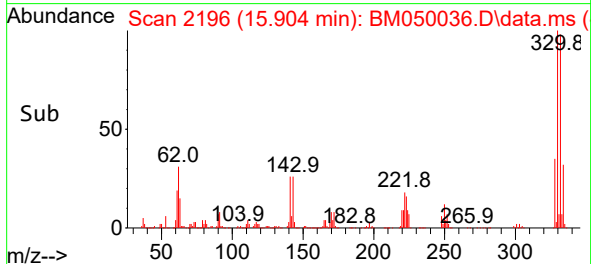
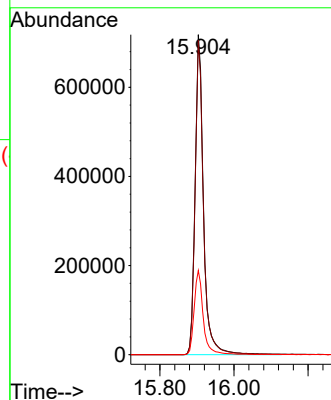
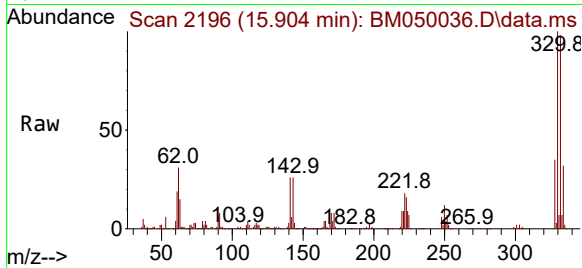




#42
2,4,6-Tribromophenol
Concen: 125.997 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

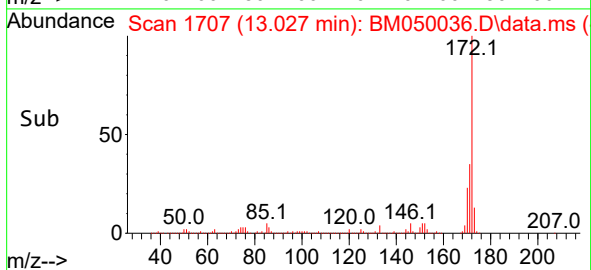
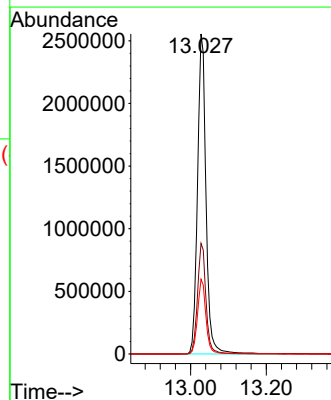
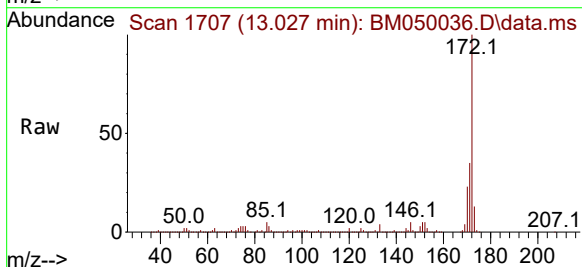
Instrument :
BNA_M
ClientSampleId :
PB167729BL

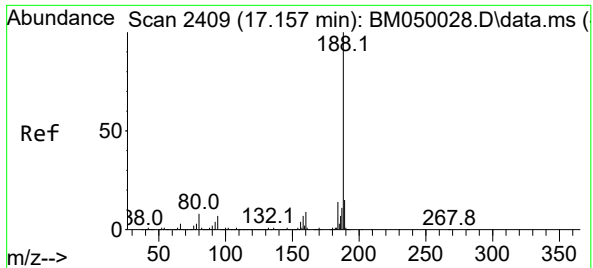
Tgt Ion:330 Resp: 1138683
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 28.3 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 77.477 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:172 Resp: 4002903
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 28.0

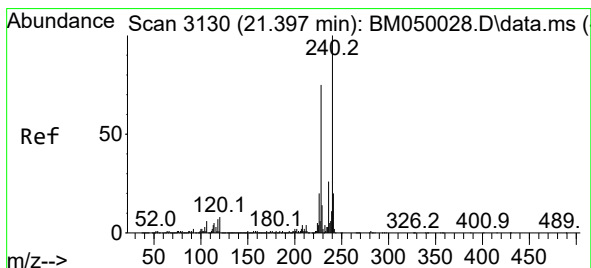
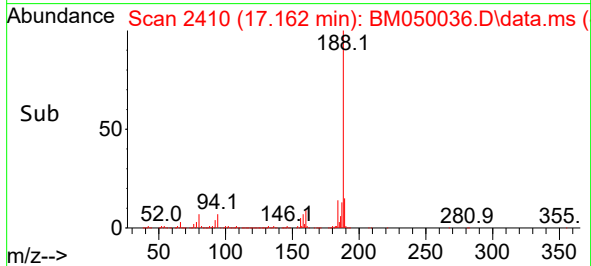
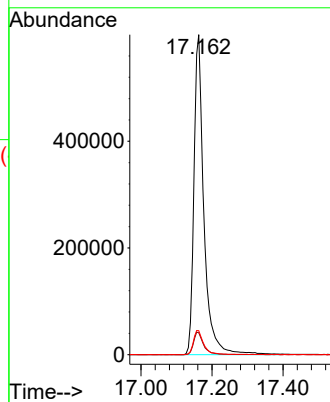
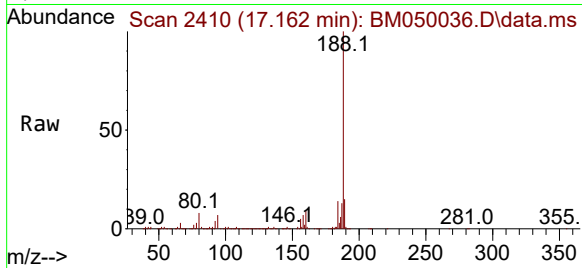




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2409
Delta R.T. 0.005 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

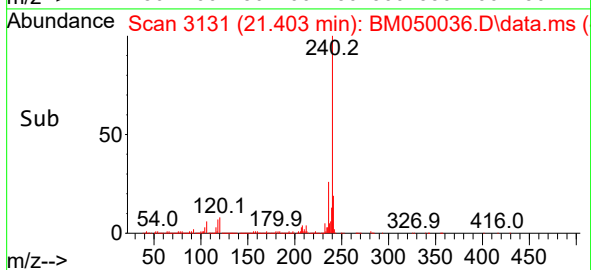
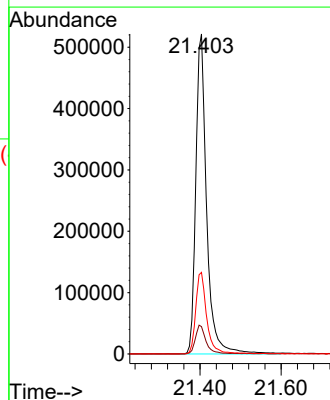
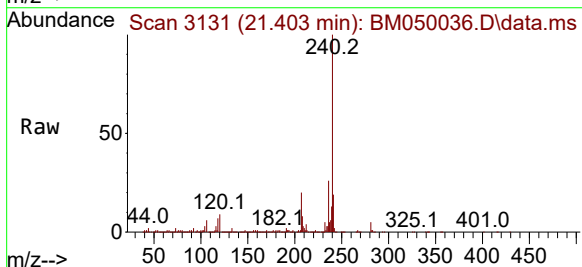
Instrument :
BNA_M
ClientSampleId :
PB167729BL

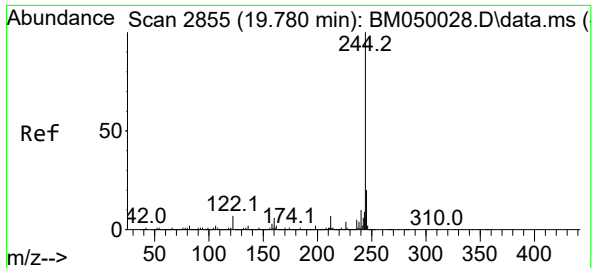
Tgt Ion:188 Resp: 1171848
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.5 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:240 Resp: 971539
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 25.5 20.9 31.3

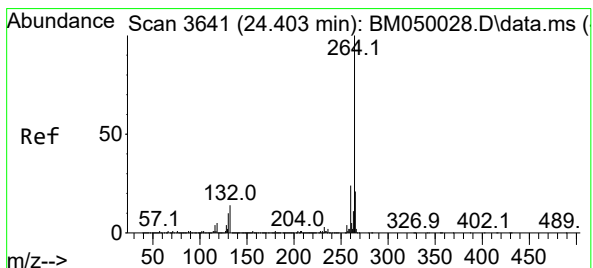
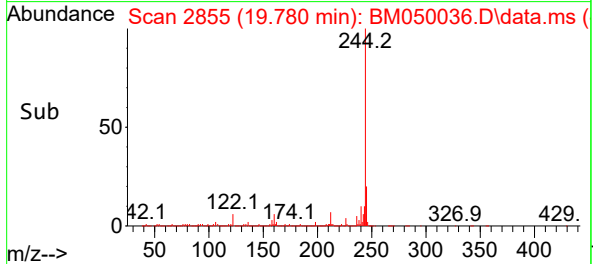
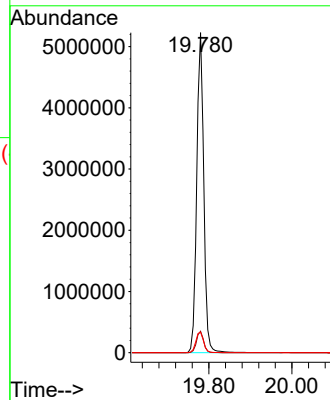
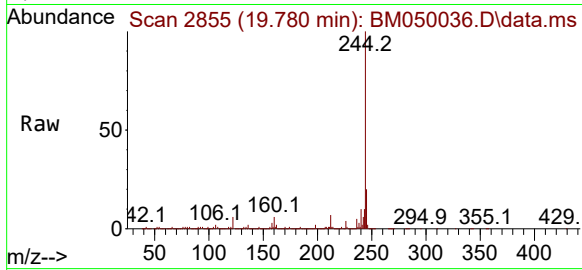




#79
Terphenyl-d14
Concen: 93.145 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

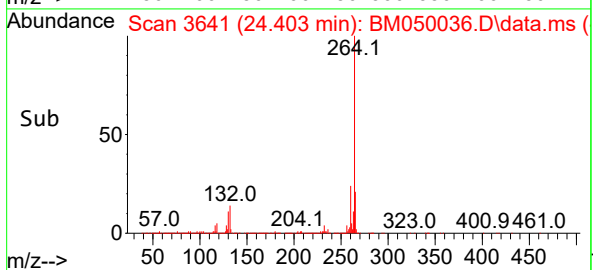
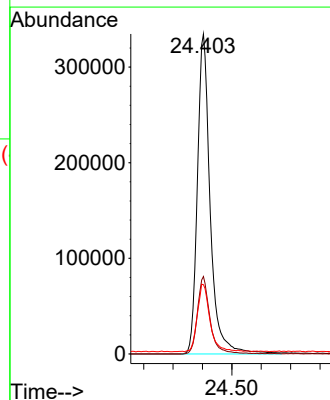
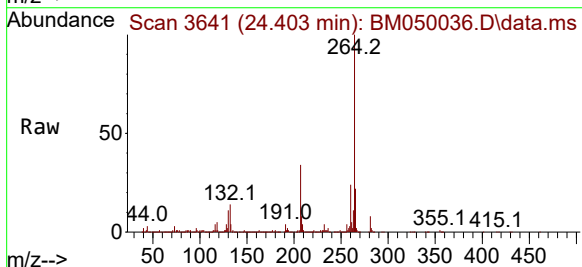
Instrument :
BNA_M
ClientSampleId :
PB167729BL

Tgt Ion:244 Resp: 6115548
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 6.4 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:264 Resp: 1012325
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.7 17.0 25.4



Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	NJ Waste Water PT	Date Received:	
Client Sample ID:	PB167729BS	SDG No.:	Q1870
Lab Sample ID:	PB167729BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BM050040.D	1	04/24/25 12:05	04/29/25 12:58	PB167729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
105-67-9	2,4-Dimethylphenol	43.5		1.90	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 134	87%	SPK: 150
118-79-6	2,4,6-Tribromophenol	133		44 - 137	89%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.763			
1146-65-2	Naphthalene-d8	961000	10.557			
15067-26-2	Acenaphthene-d10	608000	14.41			
1517-22-2	Phenanthrene-d10	1140000	17.156			
1719-03-5	Chrysene-d12	1070000	21.397			
1520-96-3	Perylene-d12	1050000	24.397			

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\BM042925\
 Data File : BM050040.D
 Acq On : 29 Apr 2025 12:58
 Operator : RC/JU
 Sample : PB167729BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167729BS

Quant Time: Apr 29 13:33:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	269893	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	961152	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	608153	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1141685	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1074284	20.000	ng	0.00
86) Perylene-d12	24.397	264	1054033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2054378	133.289	ng	0.00
7) Phenol-d6	6.951	99	2536788	130.950	ng	0.00
23) Nitrobenzene-d5	8.928	82	1466426	75.181	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1195862	132.987	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3957723	76.986	ng	0.00
79) Terphenyl-d14	19.780	244	6028843	83.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	222621	33.686	ng	99
3) Pyridine	3.651	79	622472	36.660	ng	97
4) n-Nitrosodimethylamine	3.563	42	268473	40.314	ng	99
6) Aniline	7.098	93	587160	24.003	ng	99
8) 2-Chlorophenol	7.339	128	712440	42.751	ng	99
9) Benzaldehyde	6.910	77	325538	25.111	ng	100
10) Phenol	6.975	94	873613	44.547	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	664141	40.556	ng	100
12) 1,3-Dichlorobenzene	7.657	146	799721	39.727	ng	99
13) 1,4-Dichlorobenzene	7.798	146	809360	40.021	ng	99
14) 1,2-Dichlorobenzene	8.116	146	781982	40.029	ng	99
15) Benzyl Alcohol	8.010	79	568432	42.311	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.286	45	805029	40.442	ng	99
17) 2-Methylphenol	8.222	107	557394	43.144	ng	99
18) Hexachloroethane	8.839	117	286959	39.916	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	498325	40.108	ng	100
20) 3+4-Methylphenols	8.551	107	746935	42.812	ng	96
22) Acetophenone	8.586	105	980431	41.029	ng	# 98
24) Nitrobenzene	8.969	77	707532	41.951	ng	98
25) Isophorone	9.492	82	1319623	39.689	ng	98
26) 2-Nitrophenol	9.680	139	367607	42.665	ng	99
27) 2,4-Dimethylphenol	9.745	122	621972	43.529	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	846555	41.194	ng	100
29) 2,4-Dichlorophenol	10.227	162	709498	44.323	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	792629	40.642	ng	100
31) Naphthalene	10.610	128	1999582	41.080	ng	99
32) Benzoic acid	9.916	122	386427	42.285	ng	99
33) 4-Chloroaniline	10.733	127	268271	13.446	ng	98
34) Hexachlorobutadiene	10.892	225	502242	40.569	ng	100
35) Caprolactam	11.521	113	182413	39.083	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	624003	42.193	ng	100
37) 2-Methylnaphthalene	12.221	142	1320802	40.473	ng	99
38) 1-Methylnaphthalene	12.445	142	1387555	40.177	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	916829	43.549	ng	99
41) Hexachlorocyclopentadiene	12.574	237	1281695	99.621	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	598998	44.859	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050040.D
 Acq On : 29 Apr 2025 12:58
 Operator : RC/JU
 Sample : PB167729BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167729BS

Quant Time: Apr 29 13:33:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

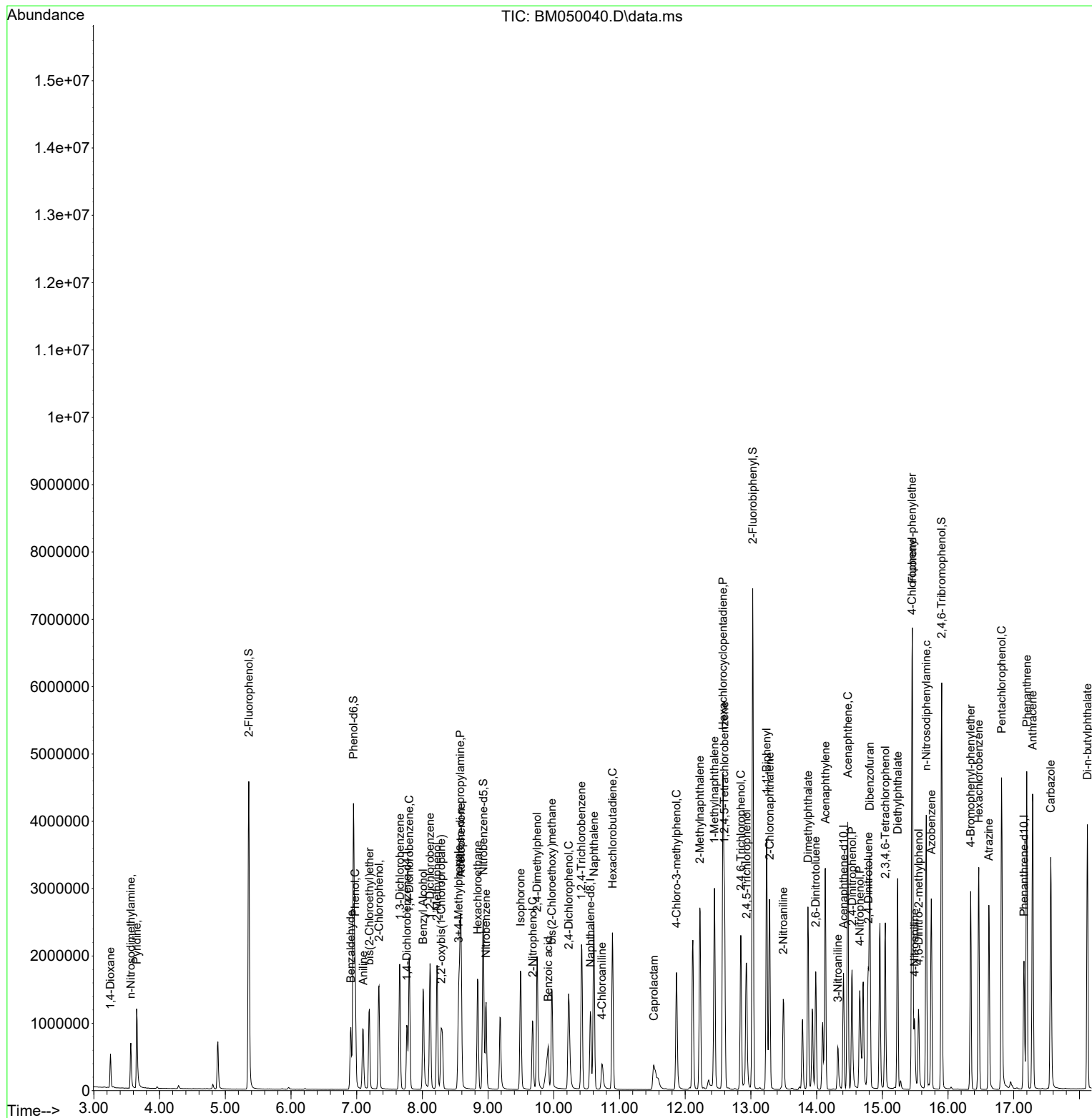
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	639370	44.403	ng	100
46) 1,1'-Biphenyl	13.239	154	1938887	42.889	ng	99
47) 2-Chloronaphthalene	13.286	162	1526561	42.637	ng	99
48) 2-Nitroaniline	13.492	65	365838	43.535	ng	96
49) Acenaphthylene	14.133	152	2392982	42.390	ng	100
50) Dimethylphthalate	13.868	163	1850111	41.627	ng	100
51) 2,6-Dinitrotoluene	13.986	165	395898	43.023	ng	96
52) Acenaphthene	14.474	154	1386169	42.421	ng	100
53) 3-Nitroaniline	14.321	138	188101	21.411	ng	100
54) 2,4-Dinitrophenol	14.539	184	500295	84.598	ng	98
55) Dibenzofuran	14.810	168	2269999	41.754	ng	100
56) 4-Nitrophenol	14.657	139	606531	84.586	ng	98
57) 2,4-Dinitrotoluene	14.786	165	548846	43.164	ng	98
58) Fluorene	15.457	166	1912078	42.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	536088	43.011	ng	99
60) Diethylphthalate	15.233	149	1717203	41.004	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1058040	43.287	ng	99
62) 4-Nitroaniline	15.492	138	346266	40.852	ng	100
63) Azobenzene	15.745	77	1488108	42.399	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	319286	44.677	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1567999	44.726	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	604278	43.769	ng	98
68) Hexachlorobenzene	16.468	284	697068	43.801	ng	97
69) Atrazine	16.621	200	544460	43.054	ng	99
70) Pentachlorophenol	16.815	266	902632	100.762	ng	98
71) Phenanthrene	17.198	178	2807497	43.600	ng	99
72) Anthracene	17.286	178	2880577	44.205	ng	99
73) Carbazole	17.562	167	2435722	43.075	ng	100
74) Di-n-butylphthalate	18.121	149	2832214	42.058	ng	100
75) Fluoranthene	19.215	202	3226174	42.674	ng	100
77) Benzidine	19.409	184	1094565	28.684	ng	100
78) Pyrene	19.580	202	3318333	43.987	ng	100
80) Butylbenzylphthalate	20.474	149	1200717	42.496	ng	94
81) Benzo(a)anthracene	21.380	228	3270859	44.214	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	582534	20.570	ng	99
83) Chrysene	21.444	228	2987144	43.628	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1812796	42.954	ng	99
85) Di-n-octyl phthalate	22.427	149	2993996	43.017	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3671724	46.751	ng	100
88) Benzo(b)fluoranthene	23.450	252	3051800	44.521	ng	99
89) Benzo(k)fluoranthene	23.515	252	3072007	44.305	ng	100
90) Benzo(a)pyrene	24.256	252	2860922	44.562	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3013923	47.076	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2852758	46.543	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

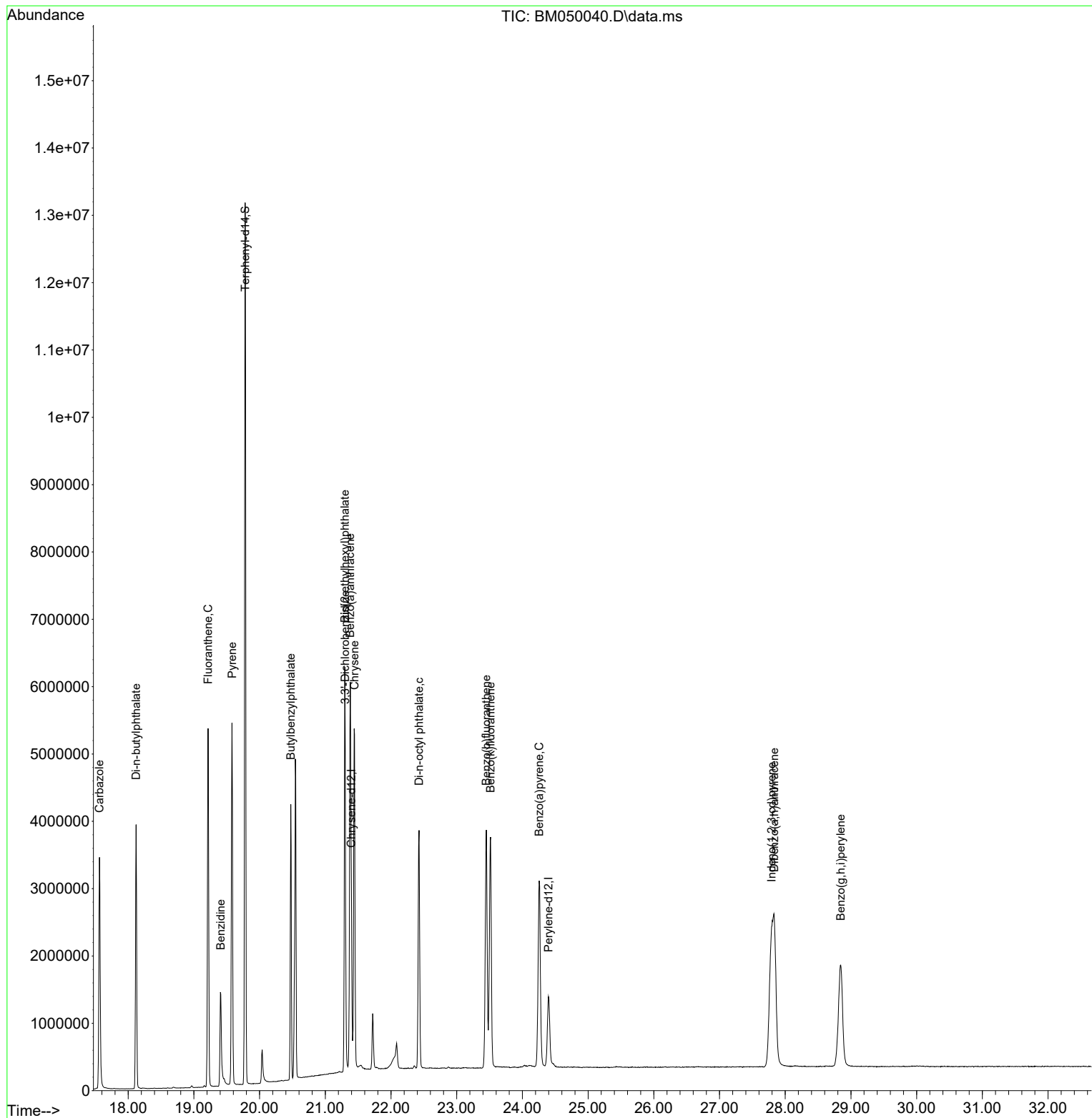
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

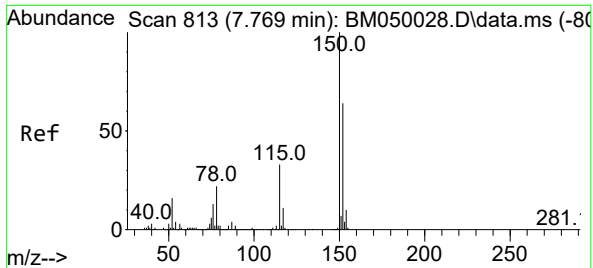


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Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 2025
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Response via : Initial Calibration

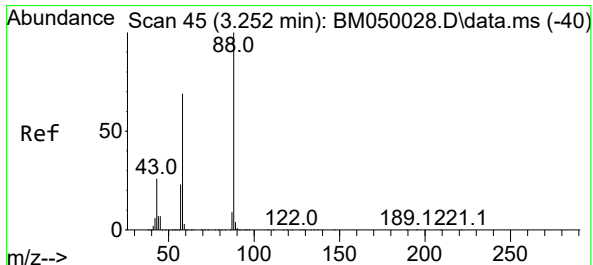
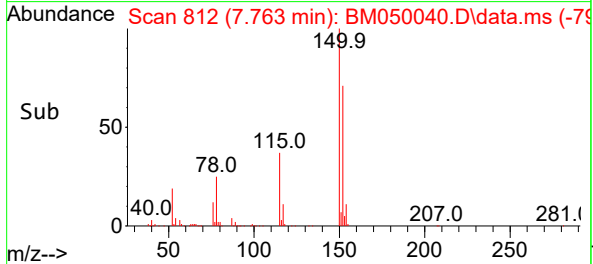
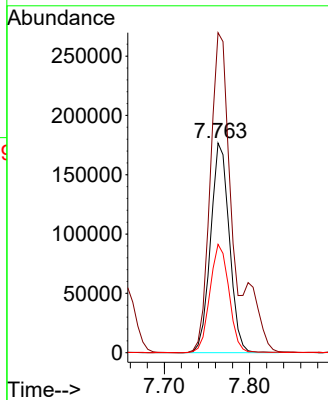
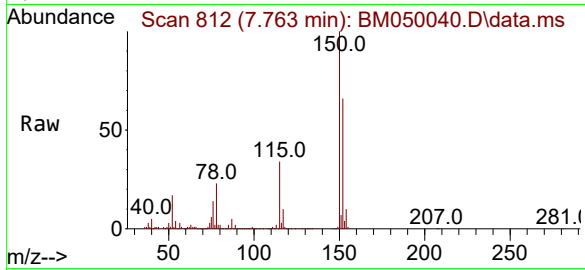




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

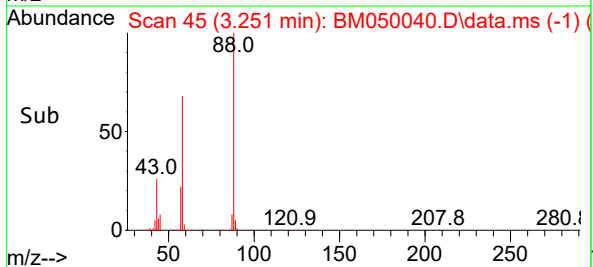
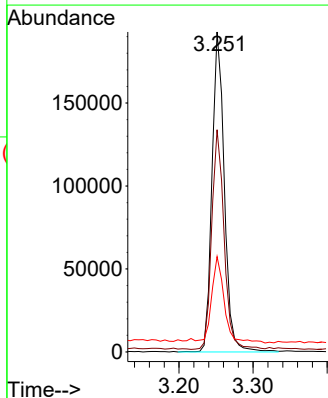
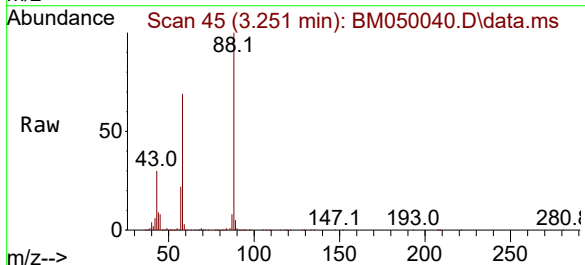
Instrument :
BNA_M
ClientSampleId :
PB167729BS

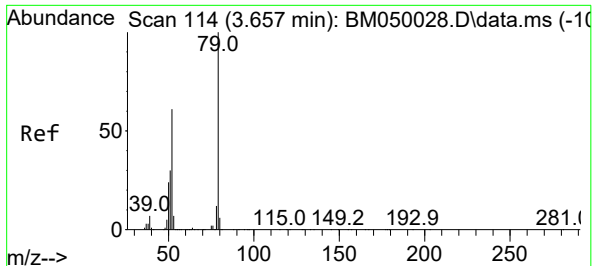
Tgt Ion:152 Resp: 269893
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 51.7 41.2 61.8



#2
1,4-Dioxane
Concen: 33.686 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 88 Resp: 222621
Ion Ratio Lower Upper
88 100
58 68.9 55.1 82.7
43 27.6 20.9 31.3

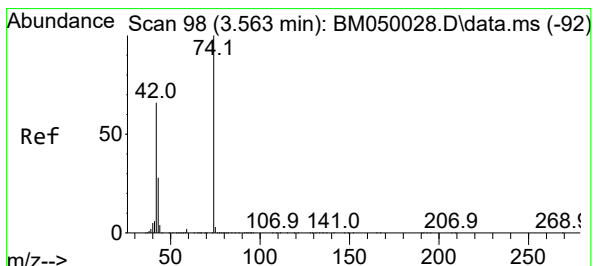
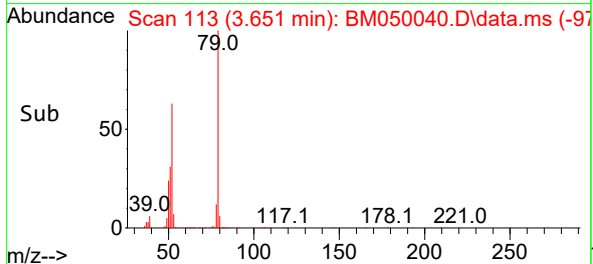
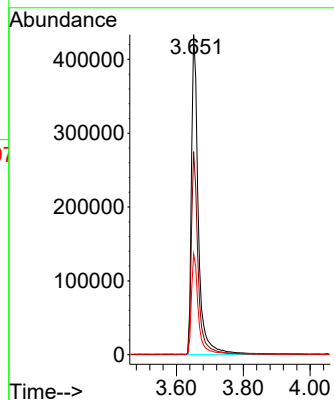
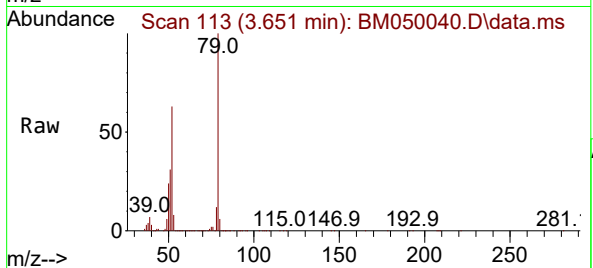




#3
Pyridine
Concen: 36.660 ng
RT: 3.651 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

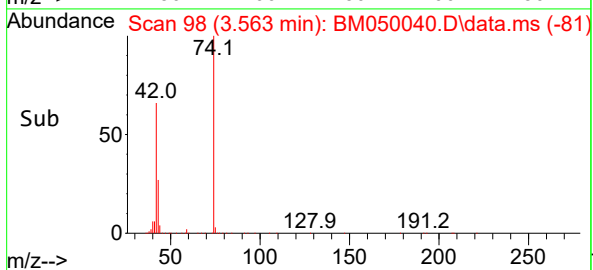
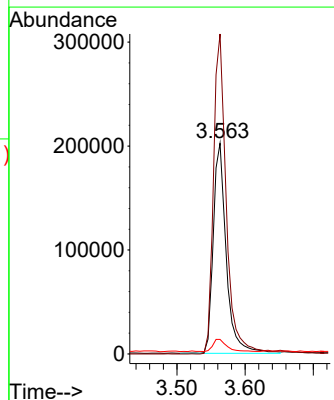
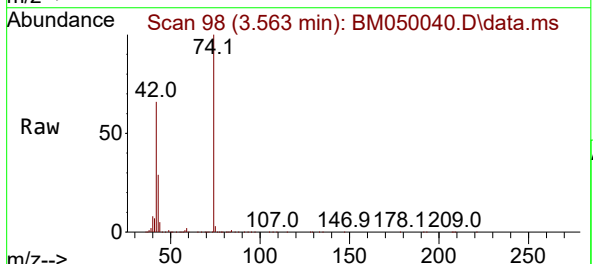
Instrument :
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ClientSampleId :
PB167729BS

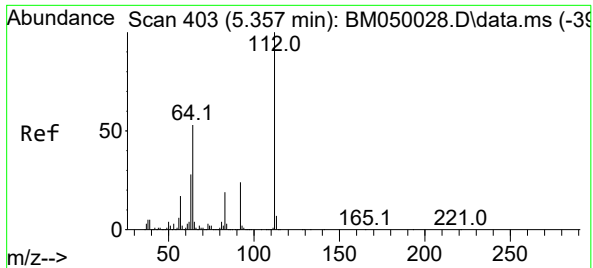
Tgt Ion: 79 Resp: 622472
Ion Ratio Lower Upper
79 100
52 63.4 48.6 72.8
51 31.5 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 40.314 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 42 Resp: 268473
Ion Ratio Lower Upper
42 100
74 151.8 120.2 180.2
44 6.9 6.2 9.2

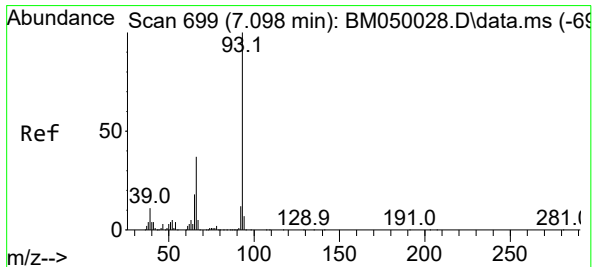
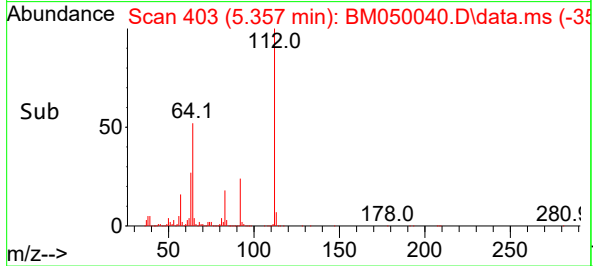
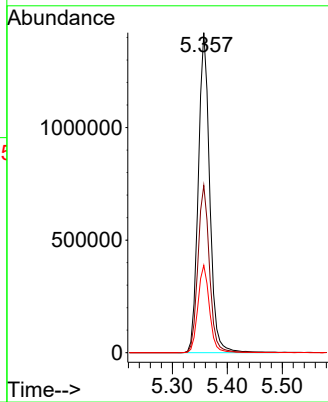
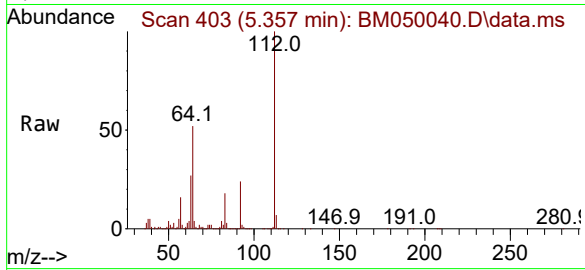




#5
2-Fluorophenol
Concen: 133.289 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

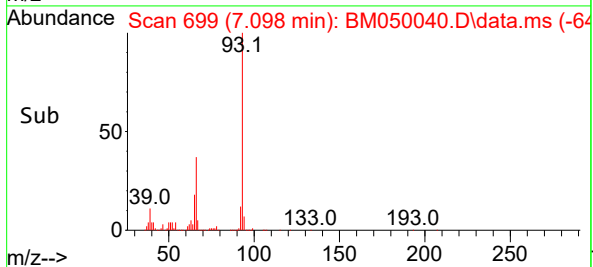
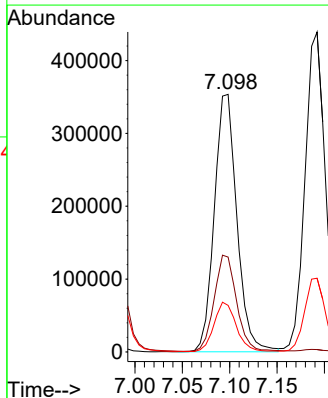
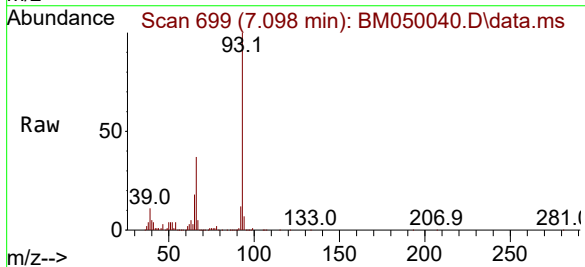
Instrument :
BNA_M
ClientSampleId :
PB167729BS

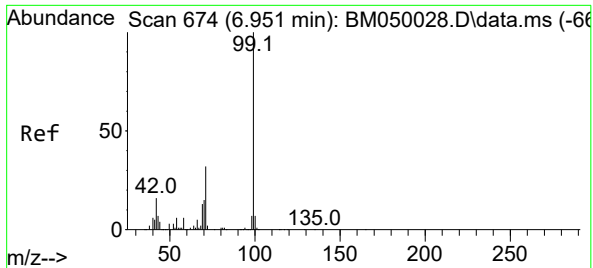
Tgt Ion:112 Resp: 2054378
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.3 22.2 33.4



#6
Aniline
Concen: 24.003 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 93 Resp: 587160
Ion Ratio Lower Upper
93 100
66 36.8 29.9 44.9
65 18.1 14.5 21.7

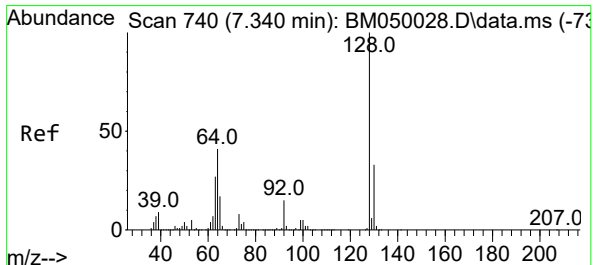
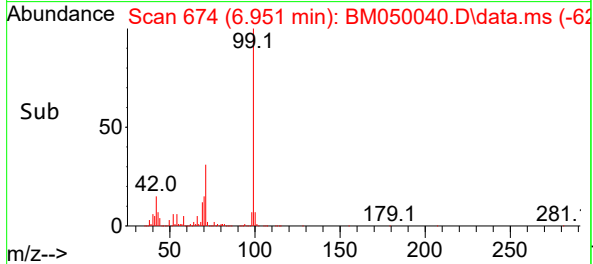
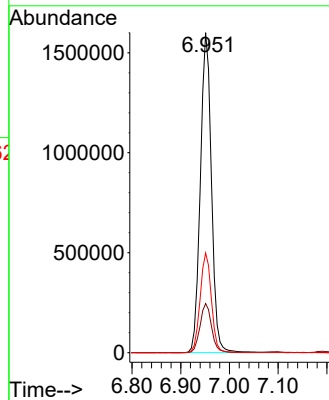
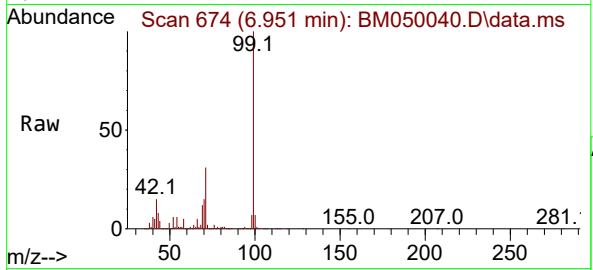




#7
Phenol-d6
Concen: 130.950 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

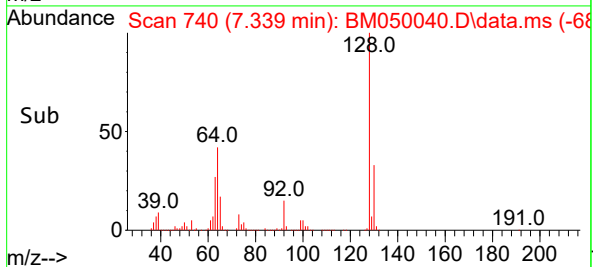
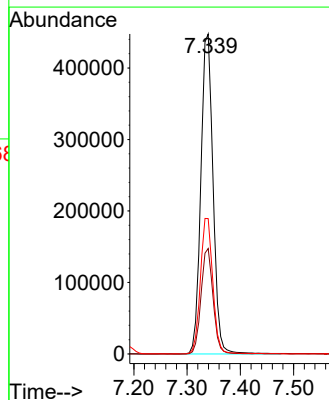
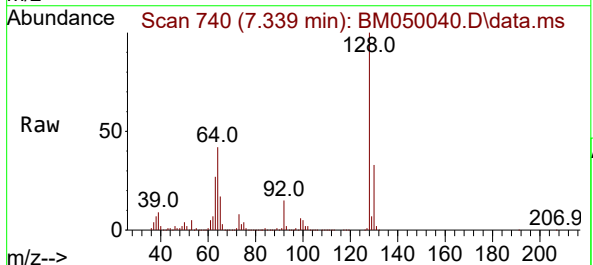
Instrument :
BNA_M
ClientSampleId :
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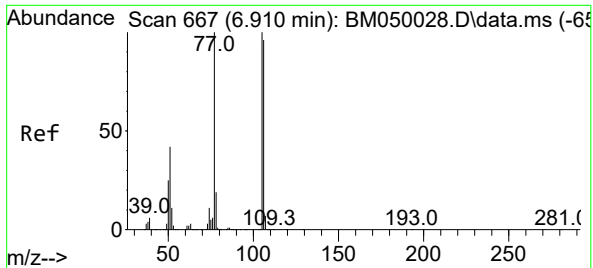
Tgt Ion: 99 Resp: 2536788
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.1 25.6 38.4



#8
2-Chlorophenol
Concen: 42.751 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 128 Resp: 712440
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 42.3 21.2 61.2

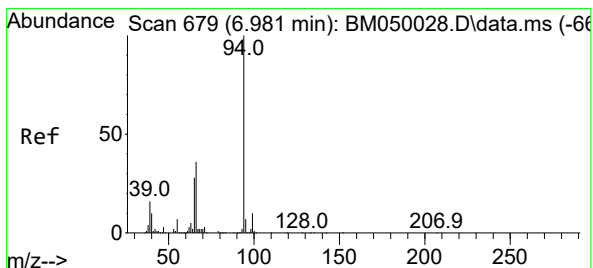
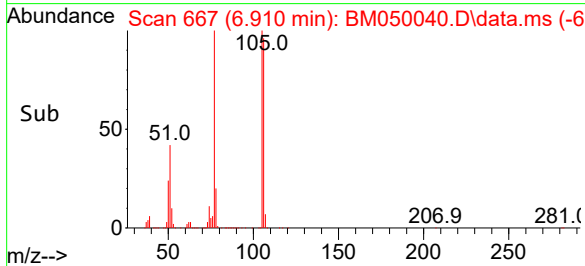
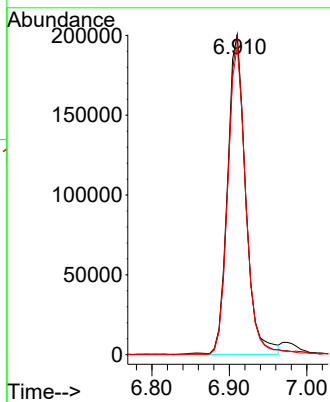
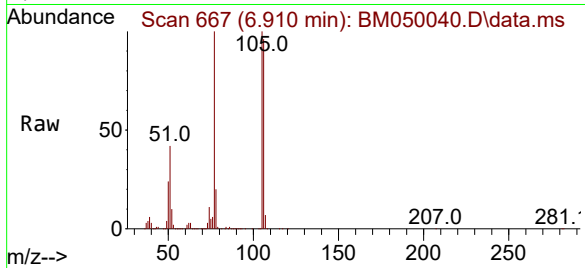




#9
Benzaldehyde
Concen: 25.111 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

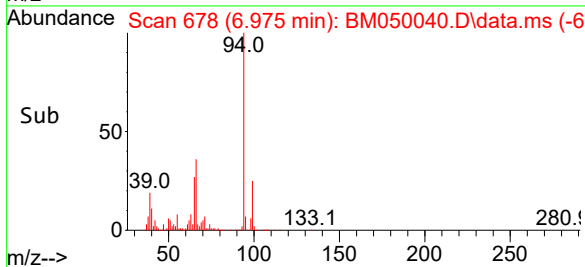
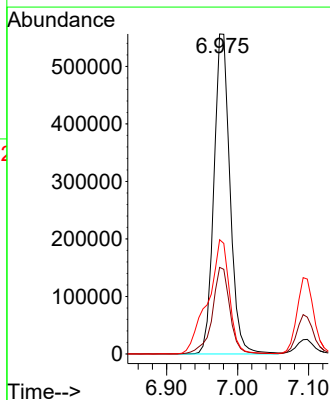
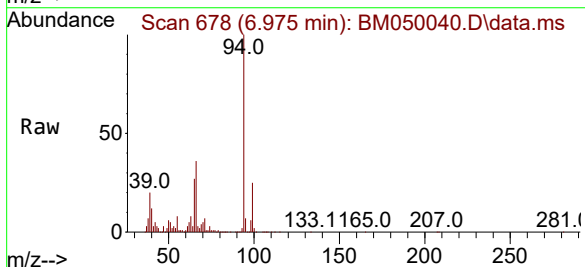
Instrument :
BNA_M
ClientSampleId :
PB167729BS

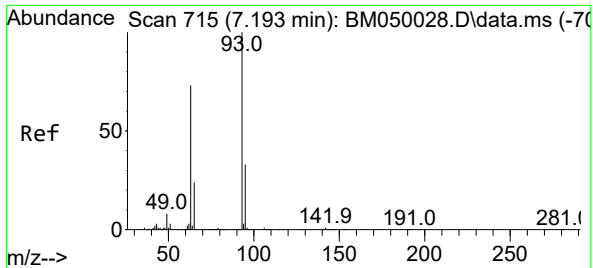
Tgt Ion: 77 Resp: 325538
Ion Ratio Lower Upper
77 100
105 100.0 80.5 120.5
106 96.3 76.1 116.1



#10
Phenol
Concen: 44.547 ng
RT: 6.975 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 94 Resp: 873613
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 35.7 15.8 55.8

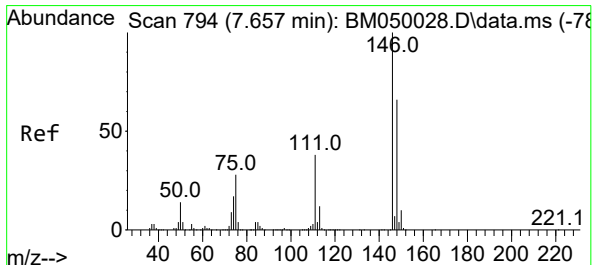
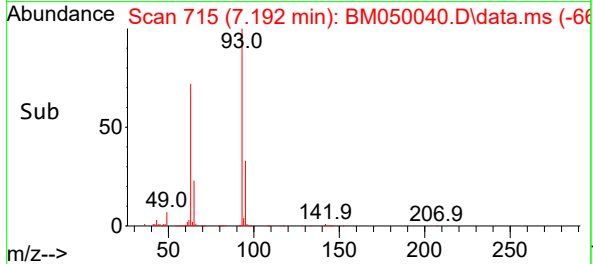
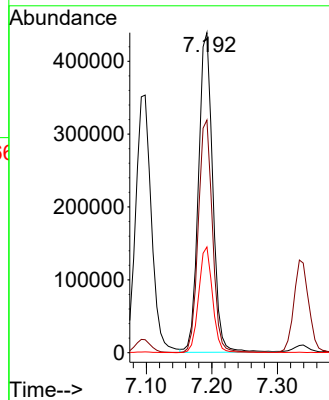
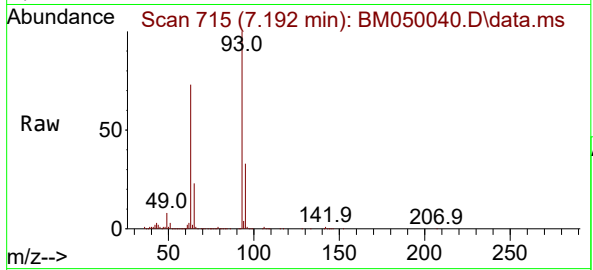




#11
bis(2-Chloroethyl)ether
Concen: 40.556 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

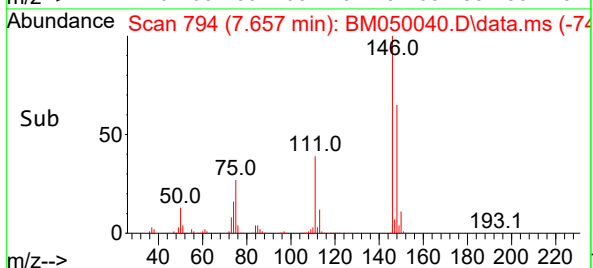
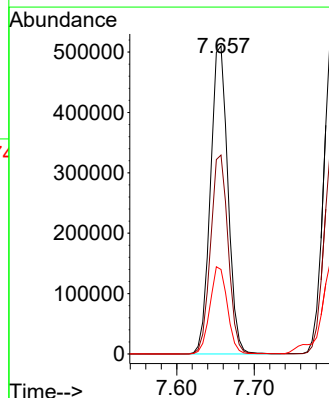
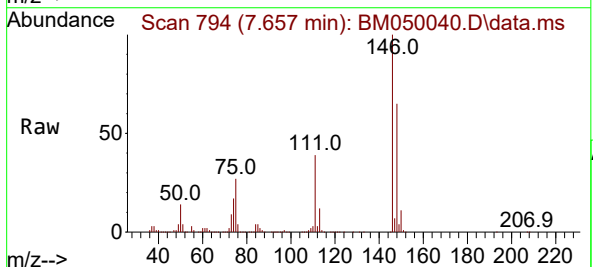
Instrument :
BNA_M
ClientSampleId :
PB167729BS

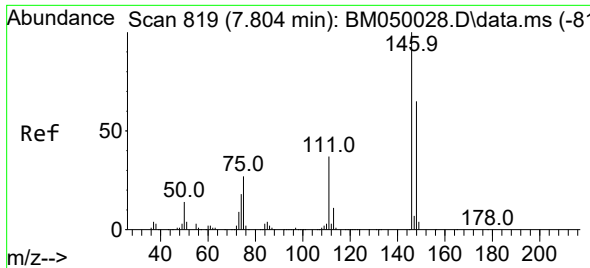
Tgt Ion: 93 Resp: 664141
Ion Ratio Lower Upper
93 100
63 72.7 52.3 92.3
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.727 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:146 Resp: 799721
Ion Ratio Lower Upper
146 100
148 64.5 52.5 78.7
75 27.4 22.6 34.0

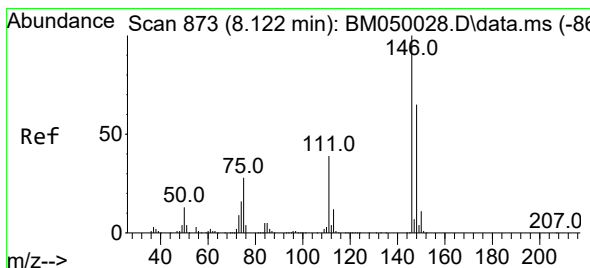
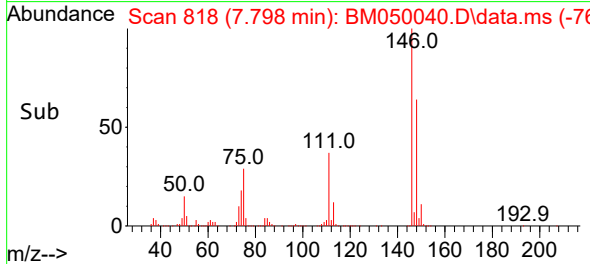
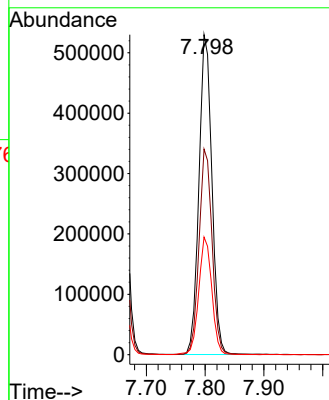
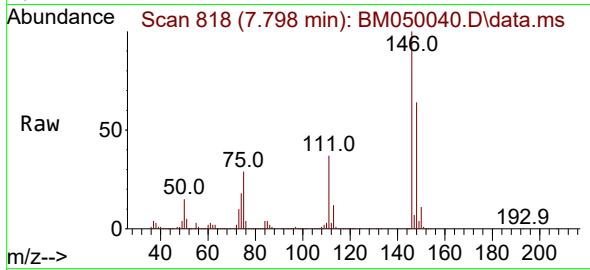




#13
1,4-Dichlorobenzene
Concen: 40.021 ng
RT: 7.798 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

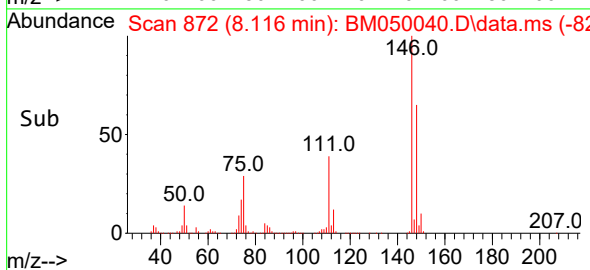
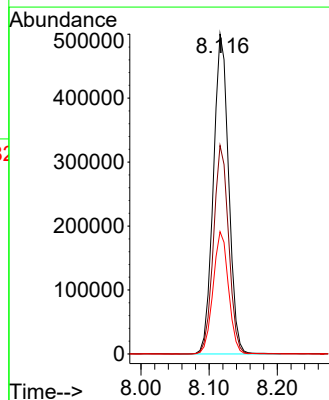
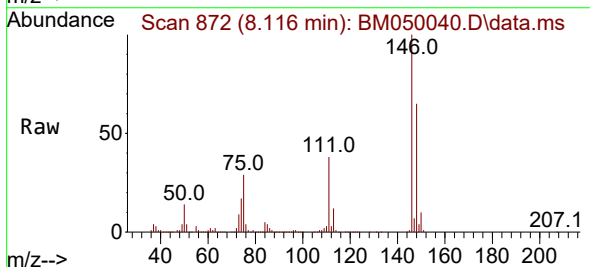
Instrument :
BNA_M
ClientSampleId :
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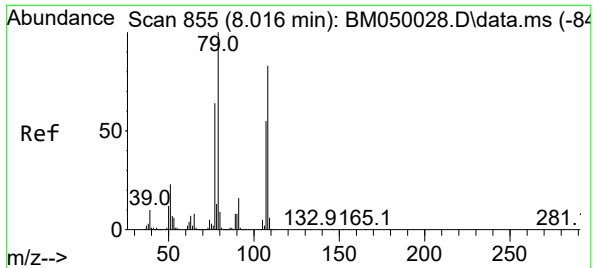
Tgt Ion:146 Resp: 809360
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
111 36.7 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 40.029 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:146 Resp: 781982
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 38.2 31.0 46.6

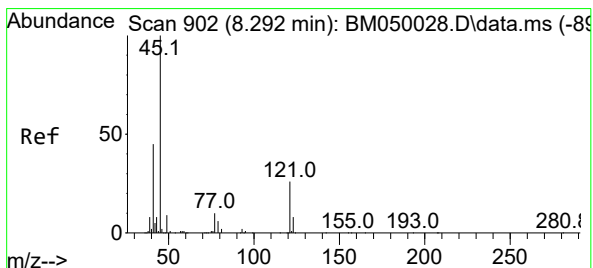
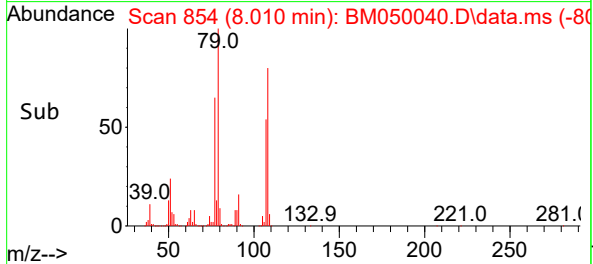
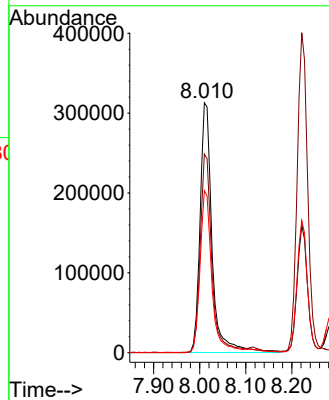
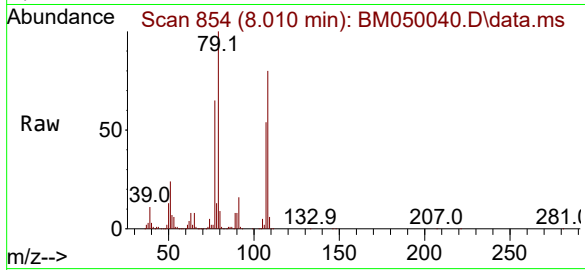




#15
Benzyl Alcohol
Concen: 42.311 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

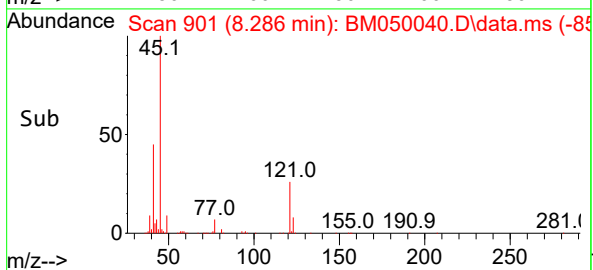
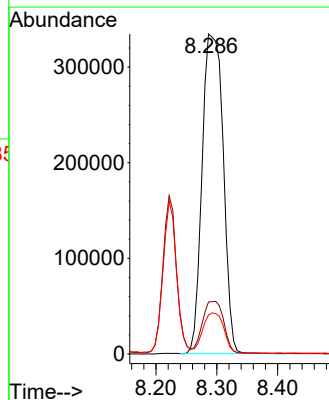
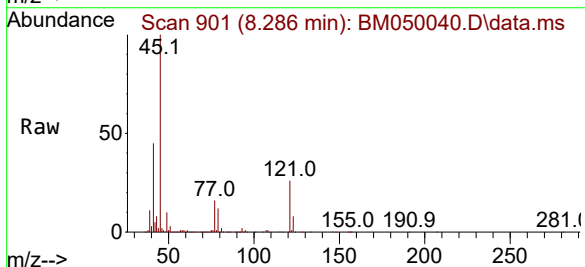
Instrument :
BNA_M
ClientSampleId :
PB167729BS

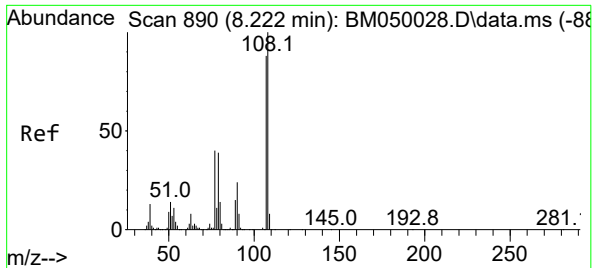
Tgt Ion: 79 Resp: 568432
Ion Ratio Lower Upper
79 100
108 79.5 66.0 99.0
77 64.8 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.442 ng
RT: 8.286 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 45 Resp: 805029
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.4
79 12.2 0.0 32.7





#17

2-Methylphenol

Concen: 43.144 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050040.D

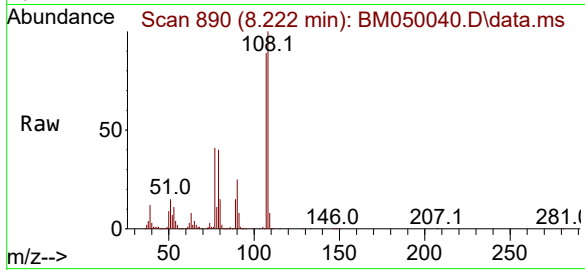
Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

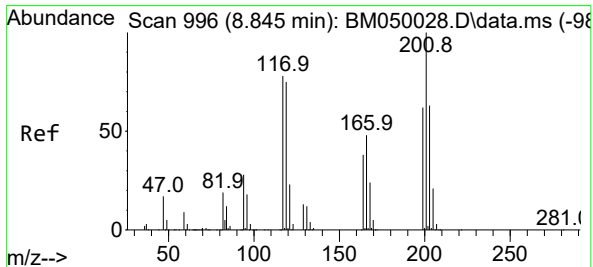
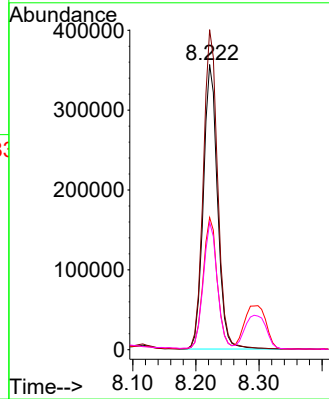
ClientSampleId :

PB167729BS



Tgt Ion:107 Resp: 557394

Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.1	136.7
77	46.3	36.2	54.4
79	44.7	35.8	53.8



#18

Hexachloroethane

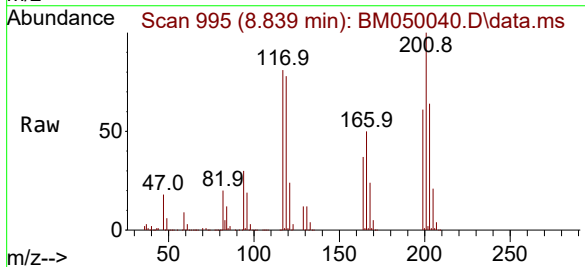
Concen: 39.916 ng

RT: 8.839 min Scan# 995

Delta R.T. -0.006 min

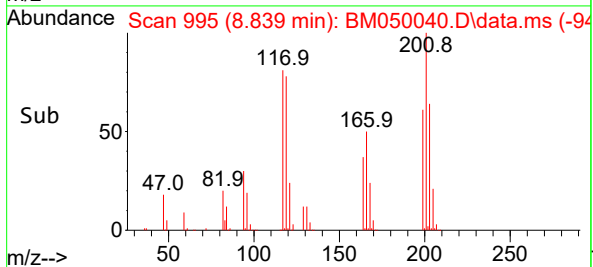
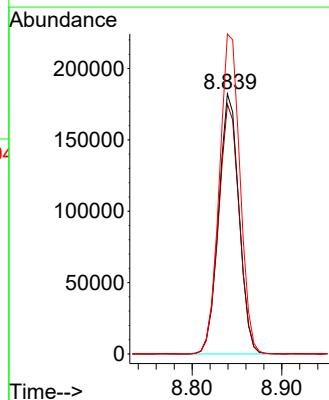
Lab File: BM050040.D

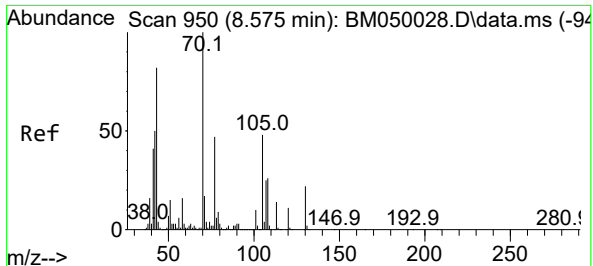
Acq: 29 Apr 2025 12:58



Tgt Ion:117 Resp: 286959

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
201	123.0	102.8	154.2

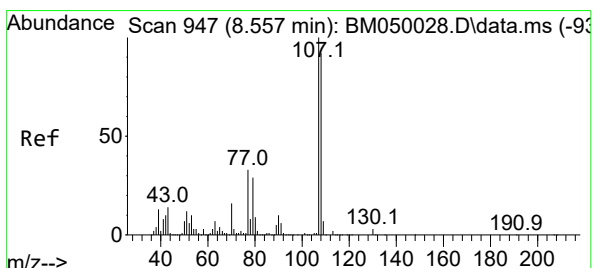
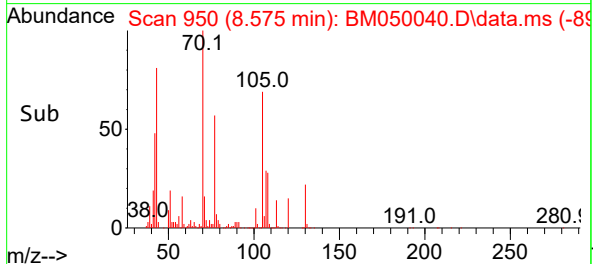
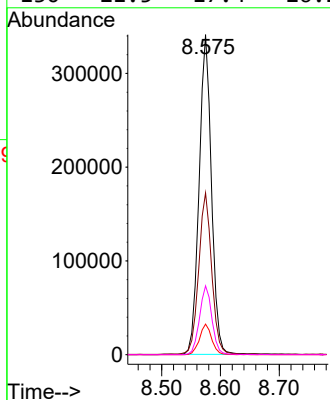
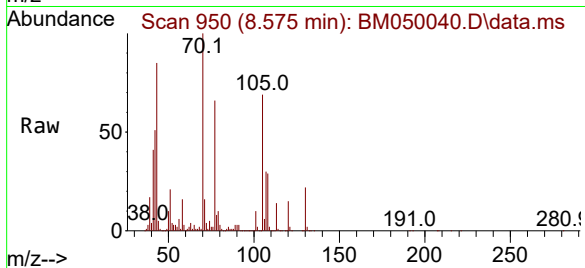




#19
n-Nitroso-di-n-propylamine
Concen: 40.108 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

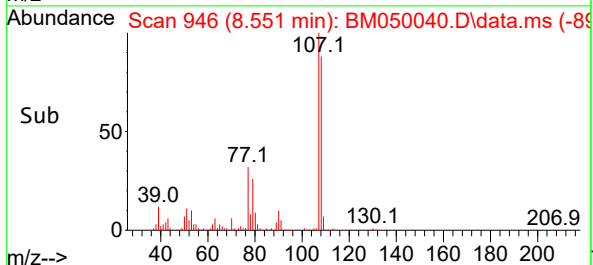
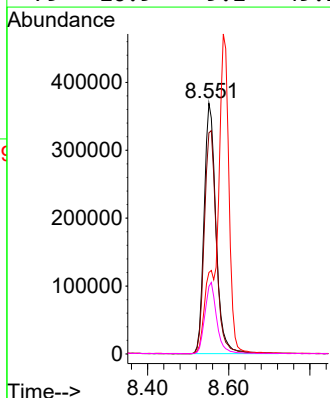
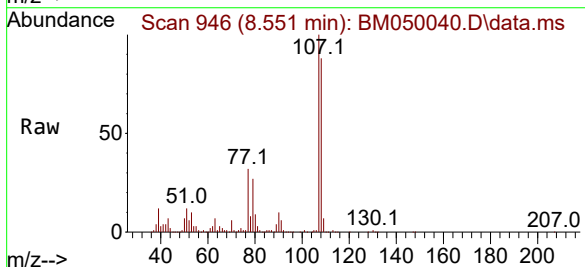
Instrument :
BNA_M
ClientSampleId :
PB167729BS

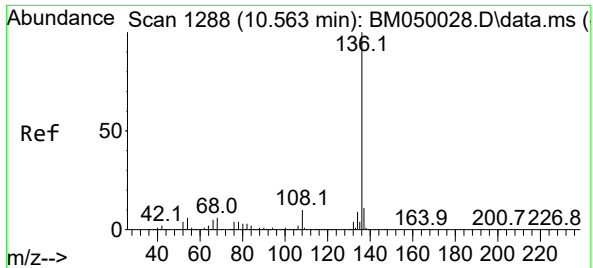
Tgt Ion: 70 Resp: 498325
Ion Ratio Lower Upper
70 100
42 50.6 40.5 60.7
101 9.6 7.8 11.6
130 21.5 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.812 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 107 Resp: 746935
Ion Ratio Lower Upper
107 100
108 88.2 72.4 112.4
77 32.5 13.6 53.6
79 26.9 9.2 49.2

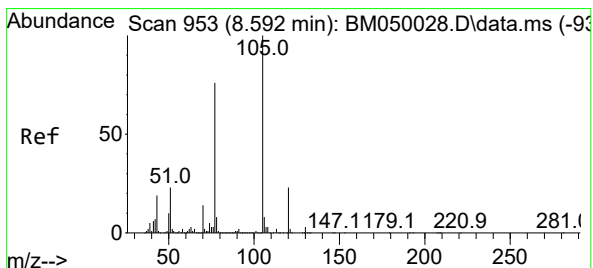
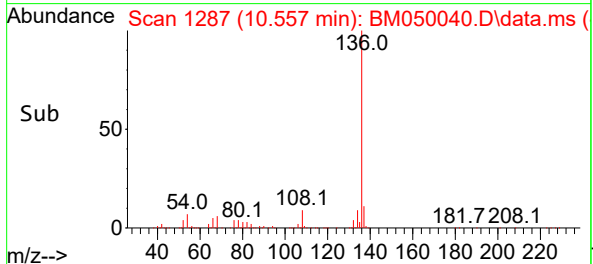
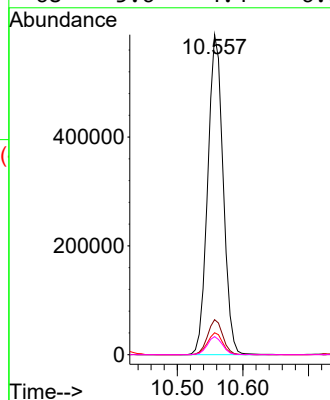
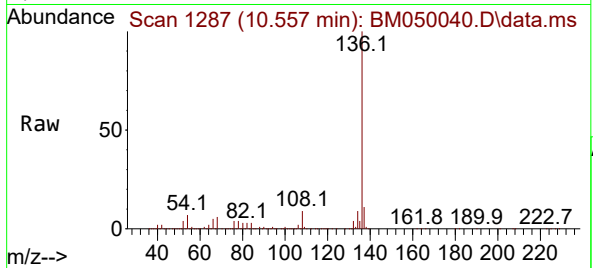




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

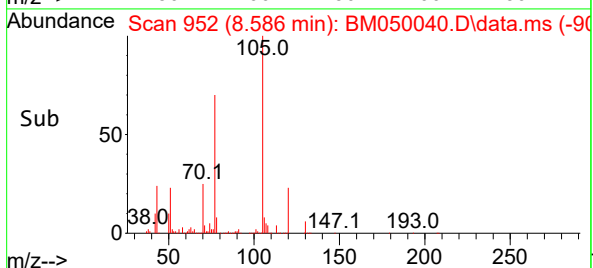
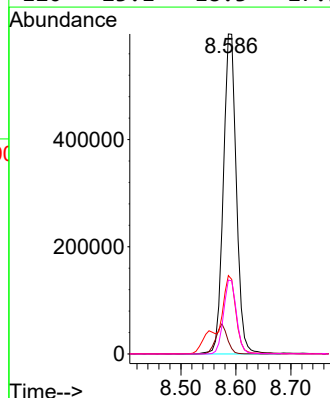
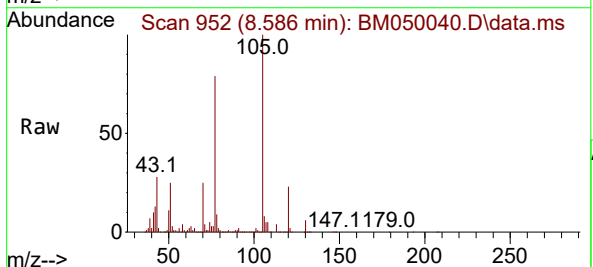
Instrument :
BNA_M
ClientSampleId :
PB167729BS

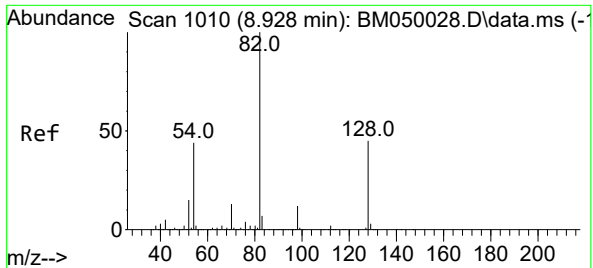
Tgt Ion:136 Resp: 961152
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 5.1 7.7
68 5.6 4.4 6.6



#22
Acetophenone
Concen: 41.029 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:105 Resp: 980431
Ion Ratio Lower Upper
105 100
71 3.9 1.7 2.5#
51 24.5 18.6 27.8
120 23.1 18.3 27.5

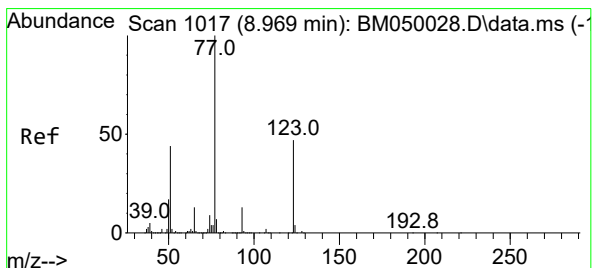
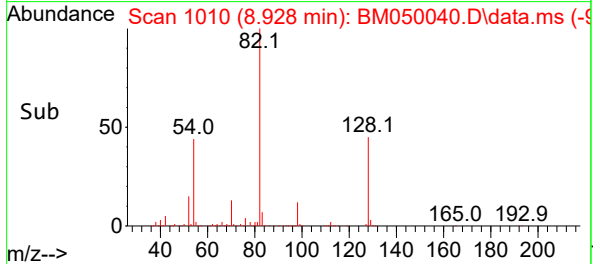
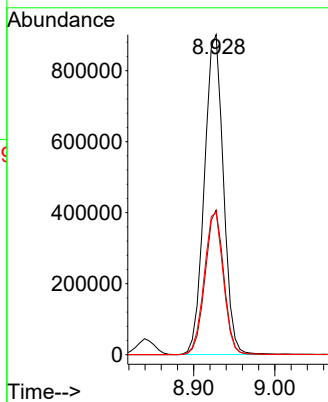
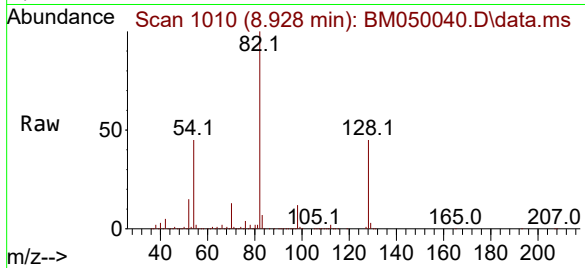




#23
Nitrobenzene-d5
Concen: 75.181 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

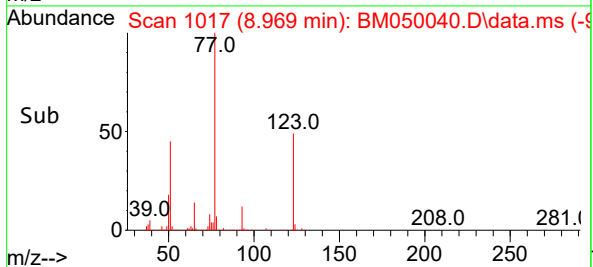
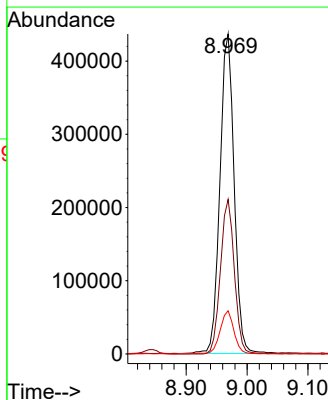
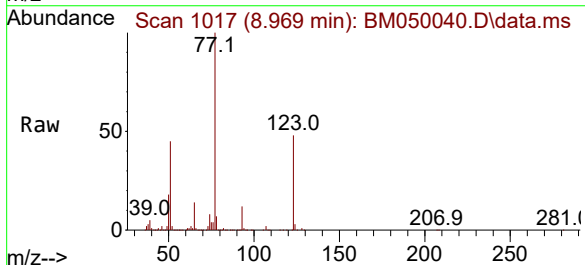
Instrument :
BNA_M
ClientSampleId :
PB167729BS

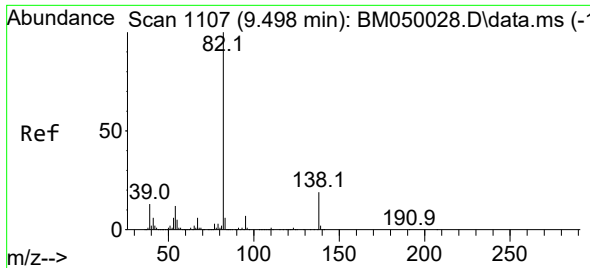
Tgt Ion: 82 Resp: 1466426
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 41.951 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

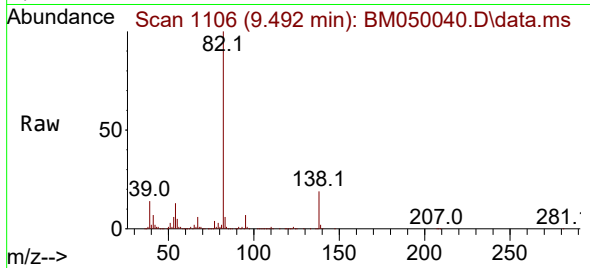
Tgt Ion: 77 Resp: 707532
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.5 10.1 15.1



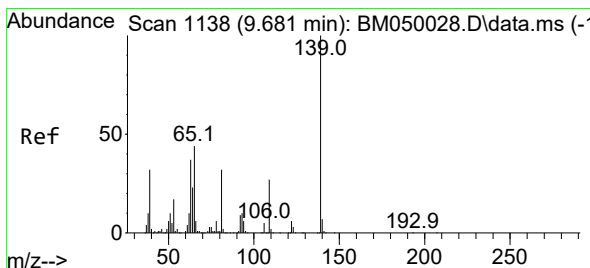
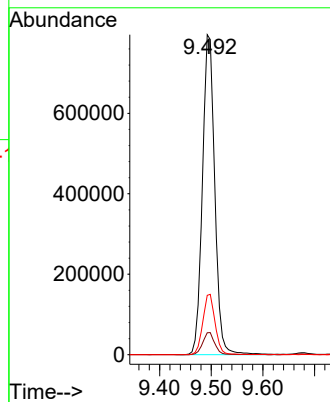
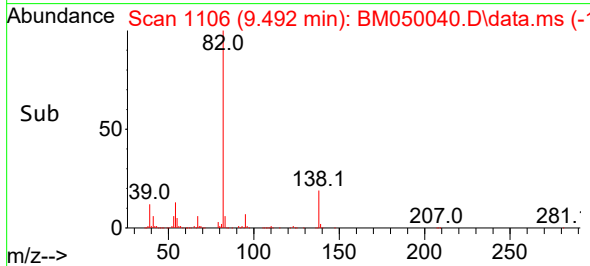


#25
Isophorone
Concen: 39.689 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

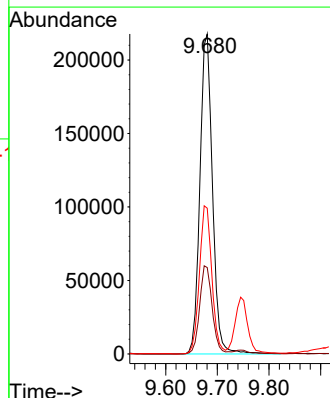
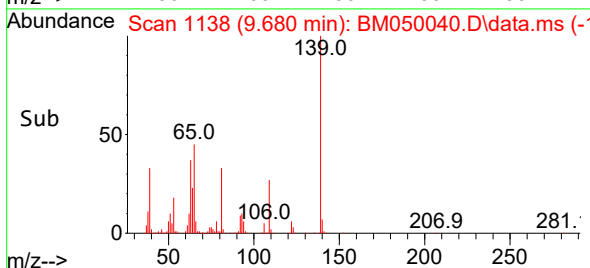
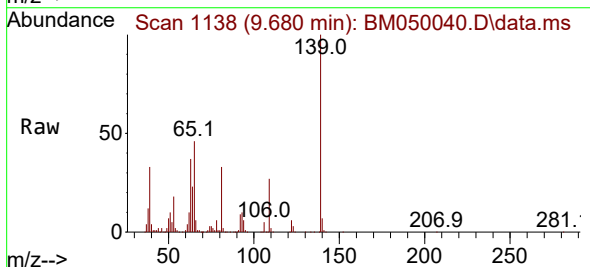


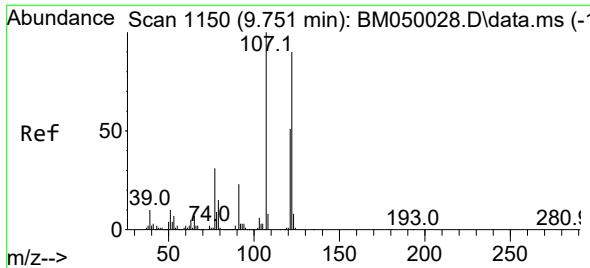
Tgt Ion: 82 Resp: 1319623
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 18.5 15.5 23.3



#26
2-Nitrophenol
Concen: 42.665 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 139 Resp: 367607
Ion Ratio Lower Upper
139 100
109 27.0 21.9 32.9
65 45.6 35.4 53.2

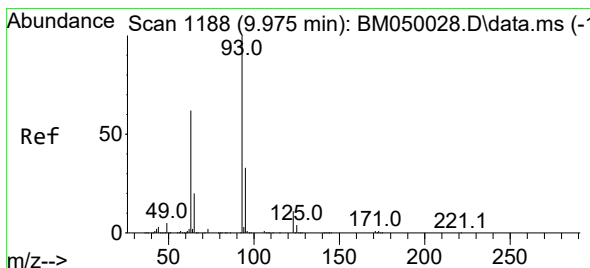
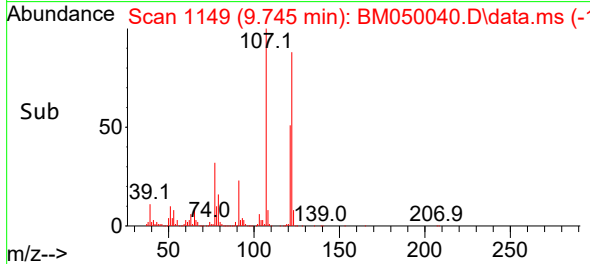
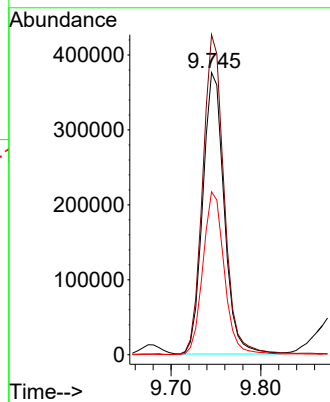
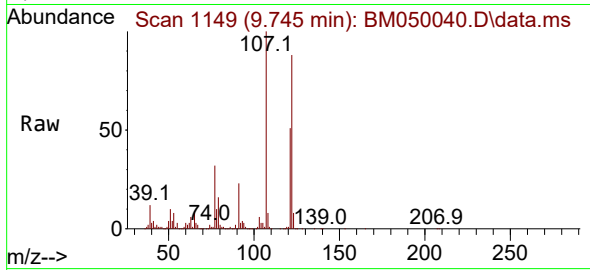




#27
2,4-Dimethylphenol
Concen: 43.529 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

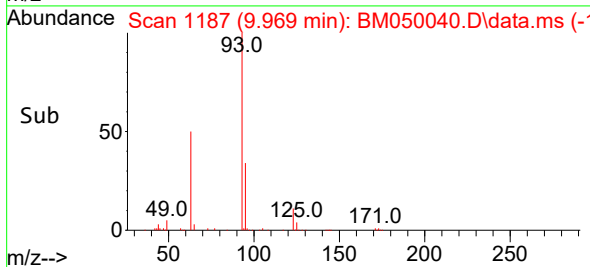
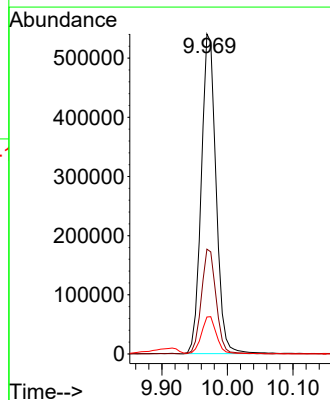
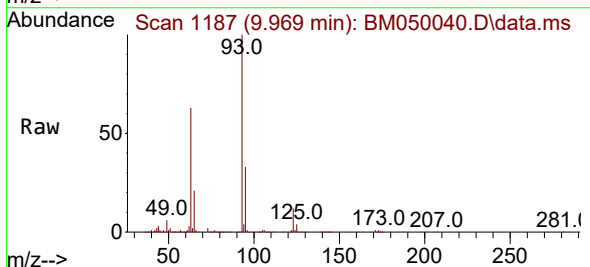
Instrument :
BNA_M
ClientSampleId :
PB167729BS

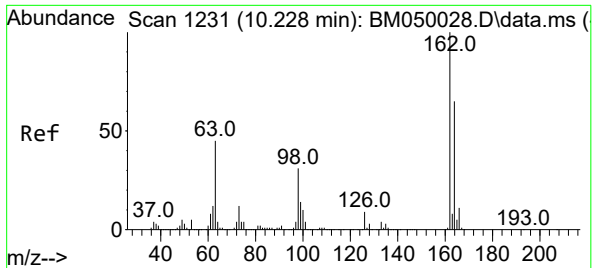
Tgt Ion:122 Resp: 621972
Ion Ratio Lower Upper
122 100
107 113.5 89.0 133.6
121 57.8 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.194 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 93 Resp: 846555
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.323 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

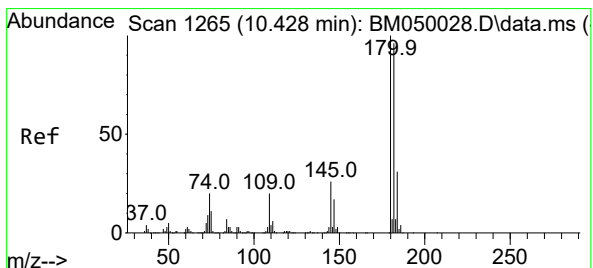
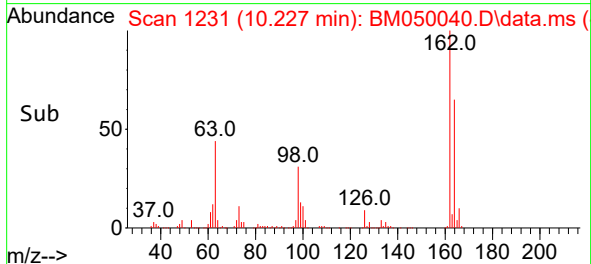
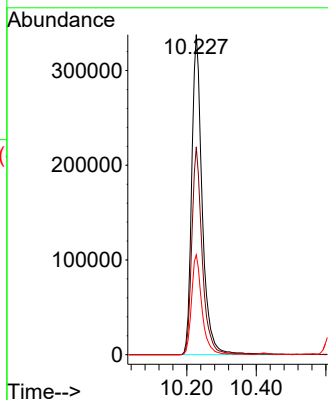
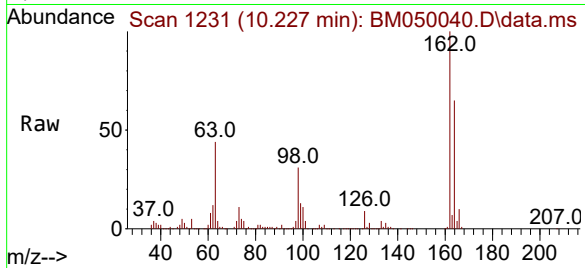
Tgt Ion:162 Resp: 709498

Ion Ratio Lower Upper

162 100

164 65.0 45.4 85.4

98 31.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 40.642 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

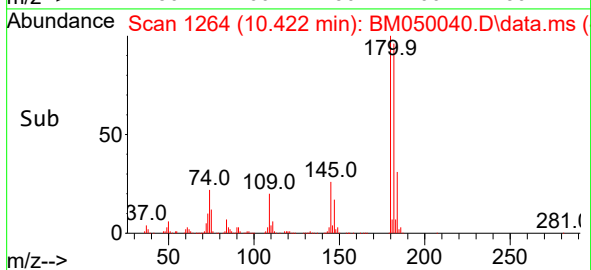
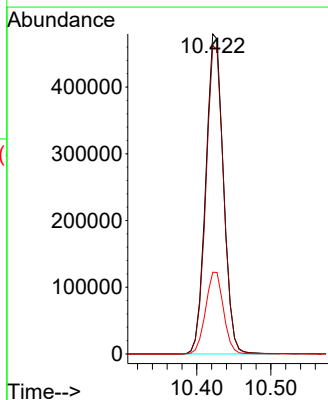
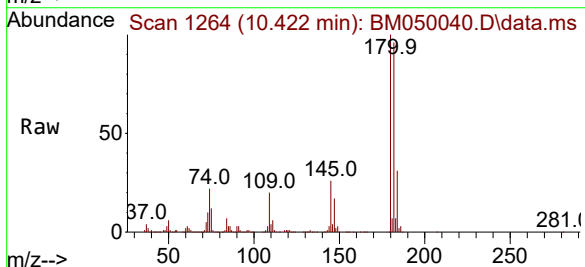
Tgt Ion:180 Resp: 792629

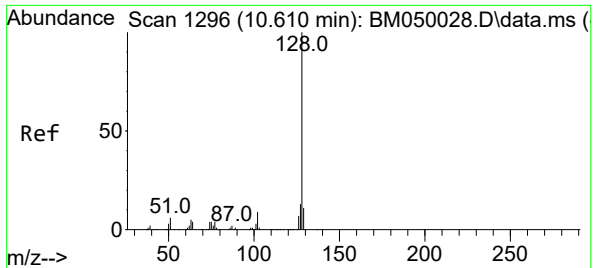
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

145 25.6 20.6 30.8

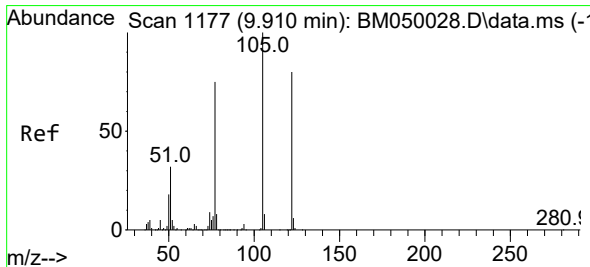
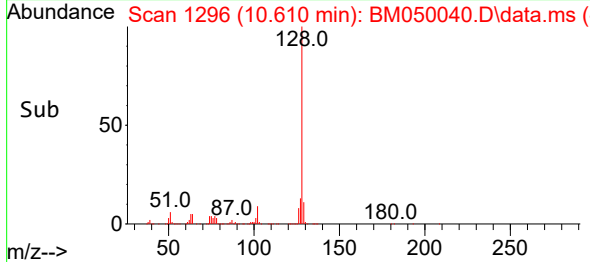
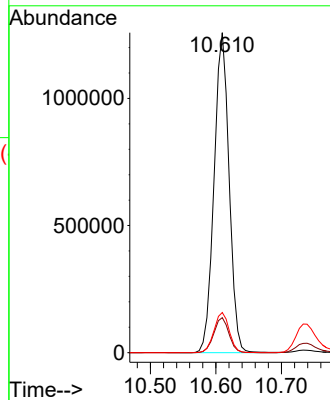
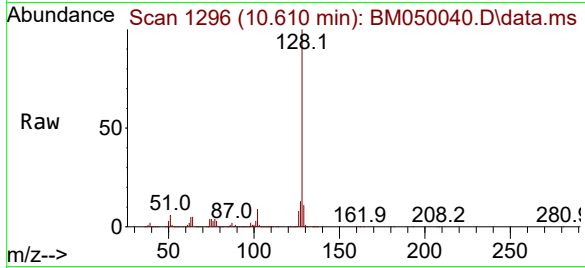




#31
Naphthalene
Concen: 41.080 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

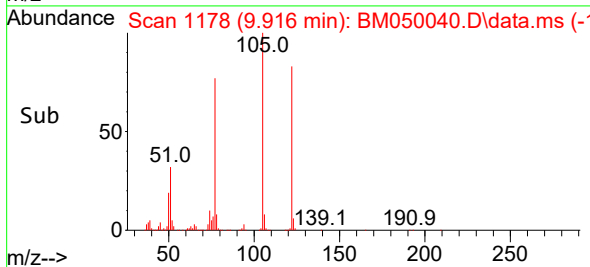
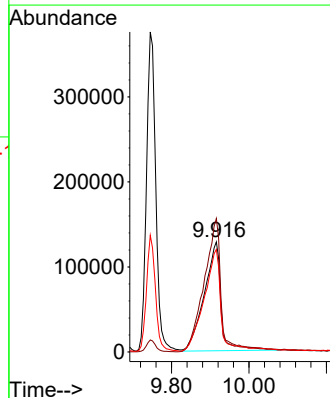
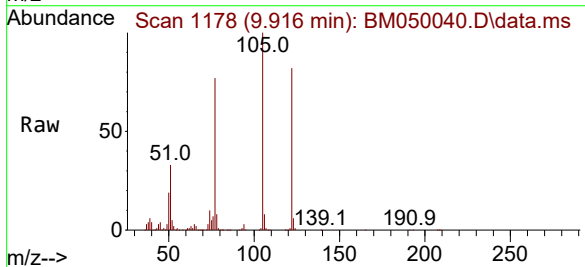
Instrument :
BNA_M
ClientSampleId :
PB167729BS

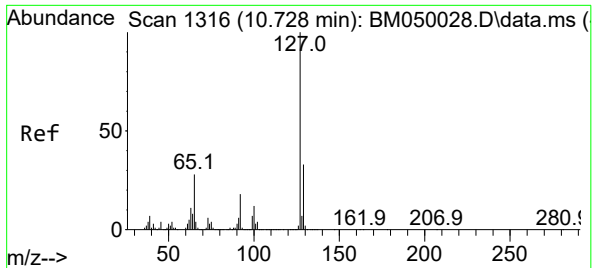
Tgt Ion:128 Resp: 1999582
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.5 10.4 15.6



#32
Benzoic acid
Concen: 42.285 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:122 Resp: 386427
Ion Ratio Lower Upper
122 100
105 121.3 103.6 143.6
77 93.1 73.7 113.7

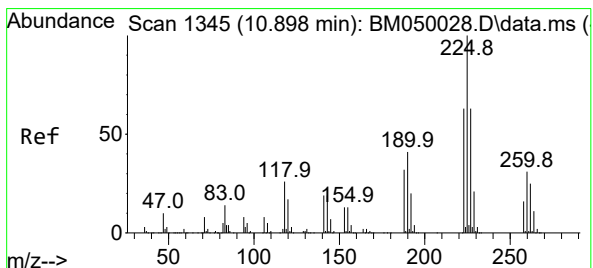
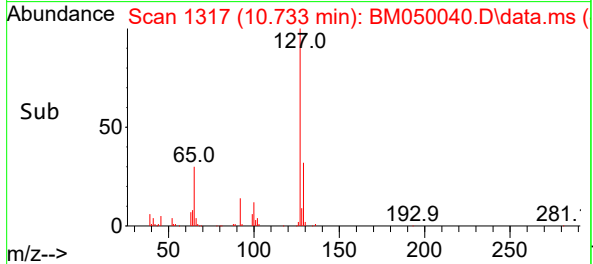
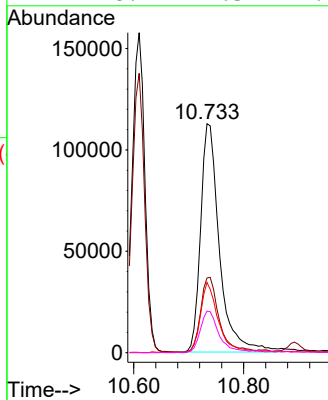
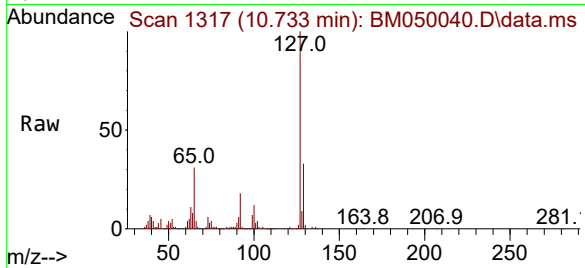




#33
4-Chloroaniline
Concen: 13.446 ng
RT: 10.733 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

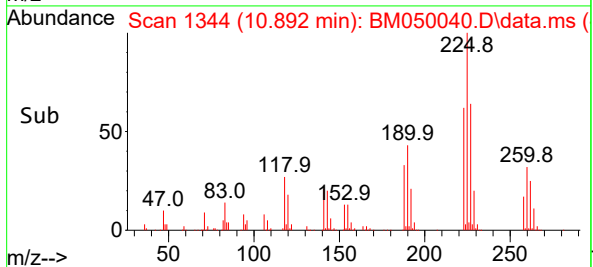
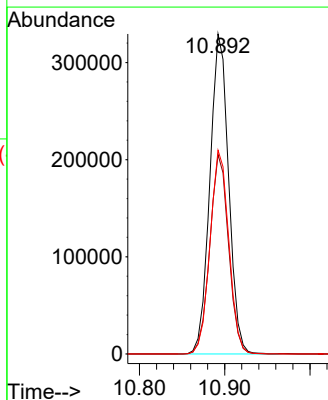
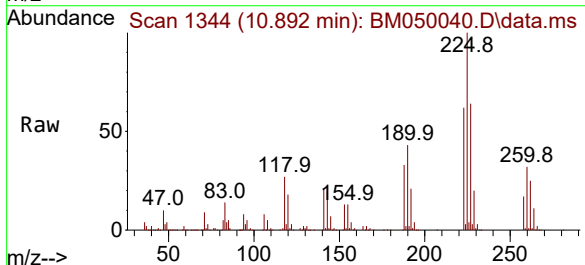
Instrument :
BNA_M
ClientSampleId :
PB167729BS

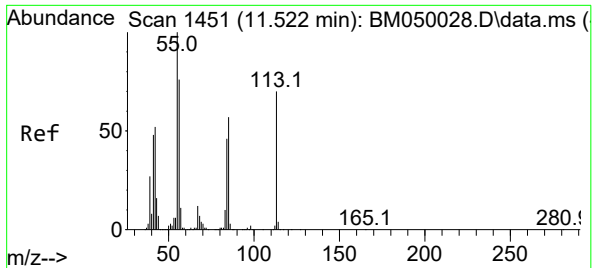
Tgt Ion:	127	Resp:	268271
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	30.7	22.5	33.7
92	18.2	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.569 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:	225	Resp:	502242
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.6	50.6	76.0

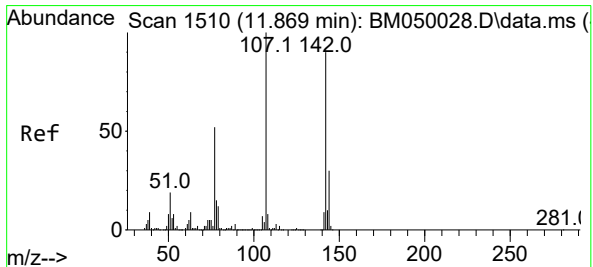
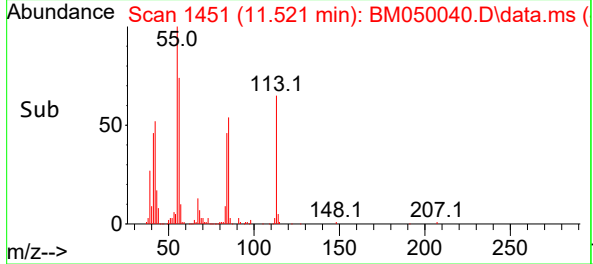
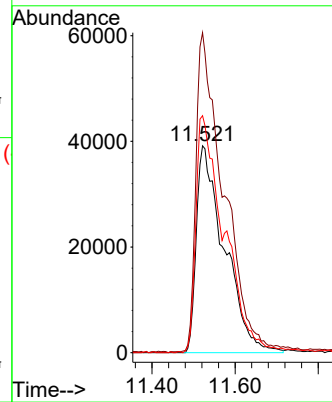
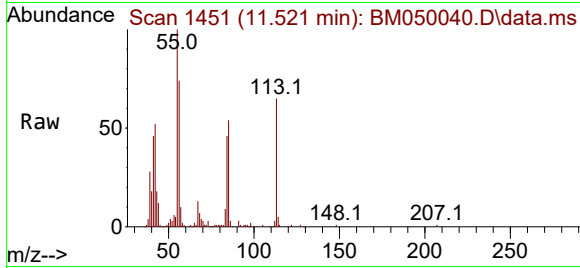




#35
Caprolactam
Concen: 39.083 ng
RT: 11.521 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

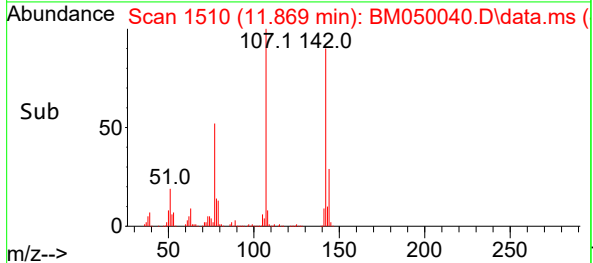
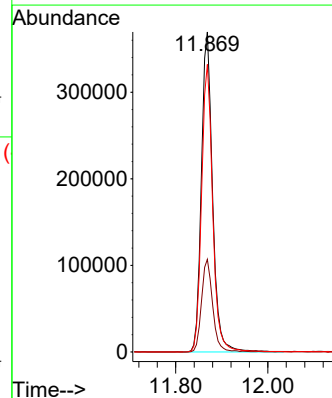
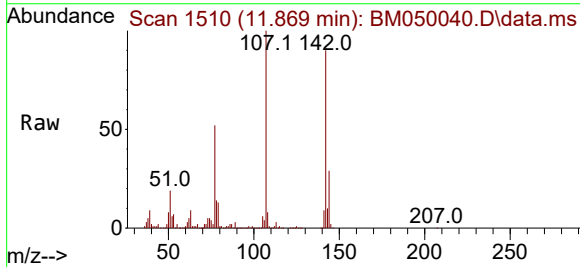
Instrument :
BNA_M
ClientSampleId :
PB167729BS

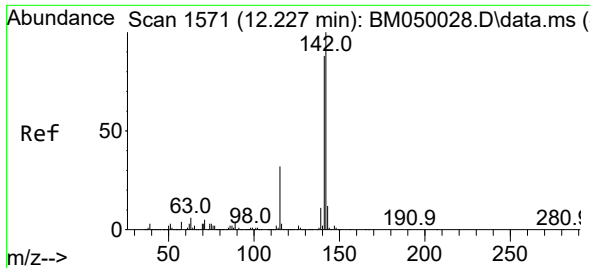
Tgt Ion:113 Resp: 182413
Ion Ratio Lower Upper
113 100
55 154.6 122.9 162.9
56 114.5 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.193 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:107 Resp: 624003
Ion Ratio Lower Upper
107 100
144 29.0 23.8 35.6
142 89.9 71.9 107.9

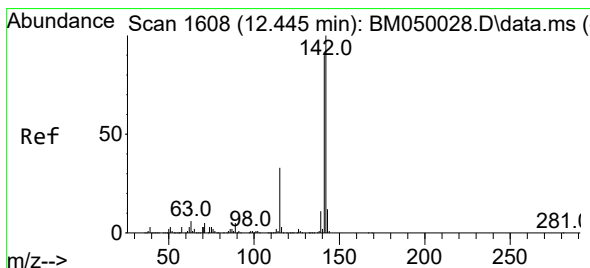
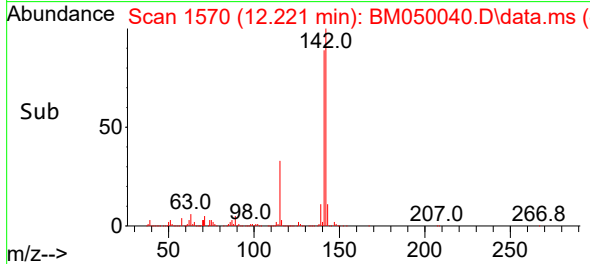
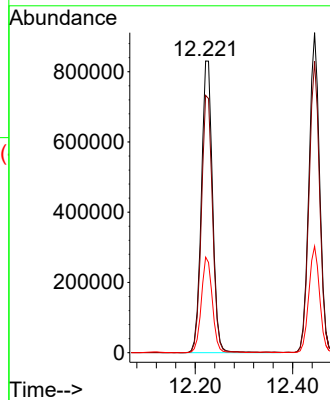
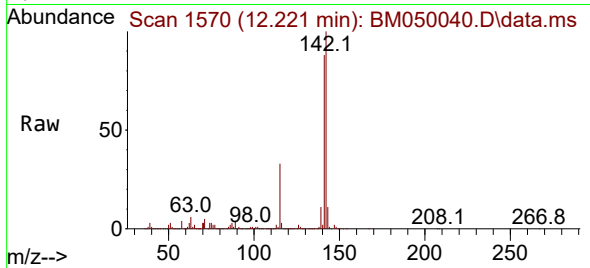




#37
2-Methylnaphthalene
Concen: 40.473 ng
RT: 12.221 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

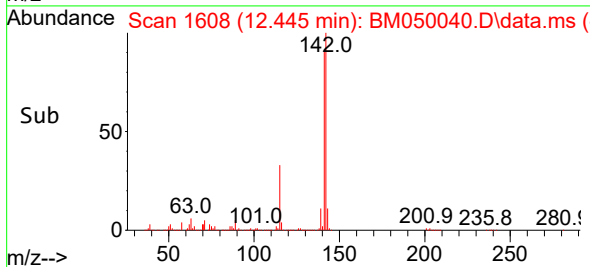
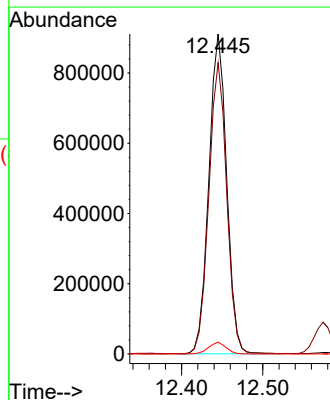
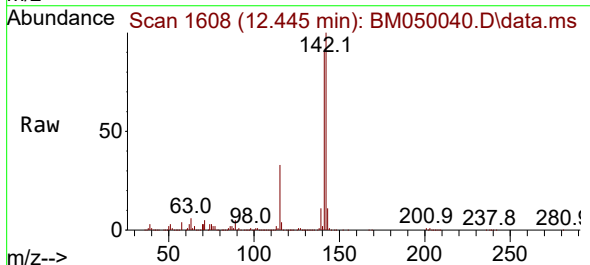
Instrument :
BNA_M
ClientSampleId :
PB167729BS

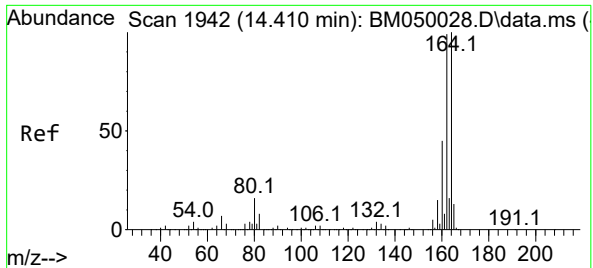
Tgt Ion:142 Resp: 1320802
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 32.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.177 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:142 Resp: 1387555
Ion Ratio Lower Upper
142 100
141 91.0 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

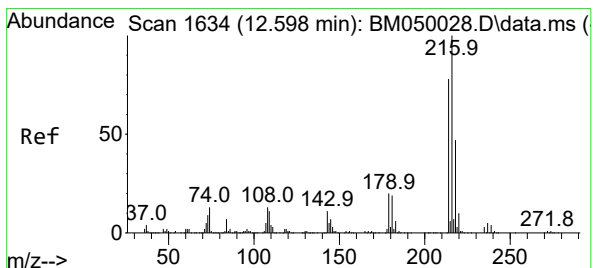
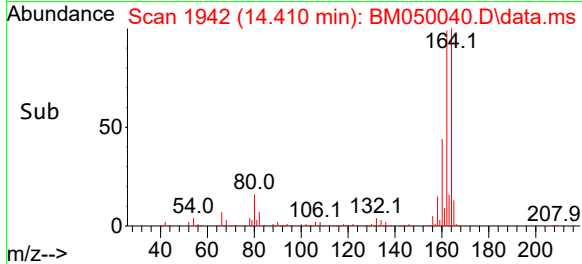
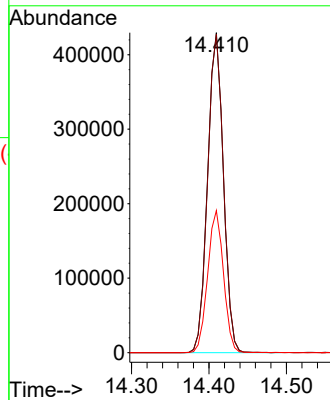
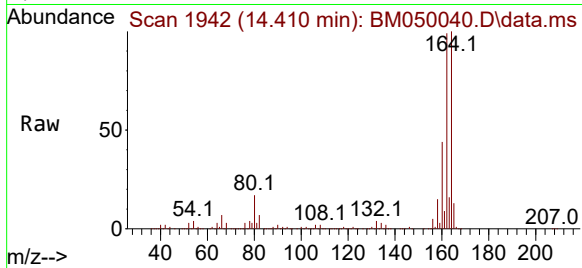
Tgt Ion:164 Resp: 608153

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.549 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:216 Resp: 916829

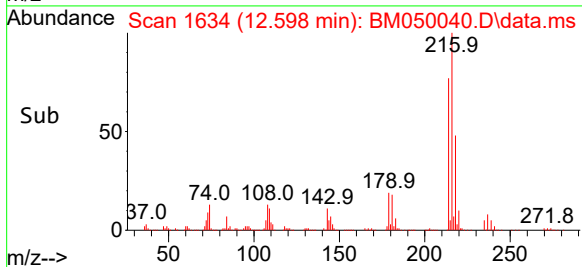
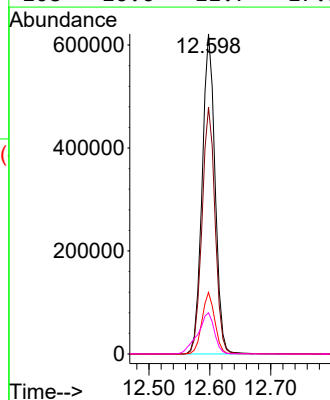
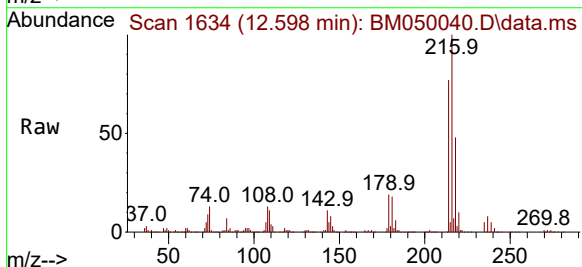
Ion Ratio Lower Upper

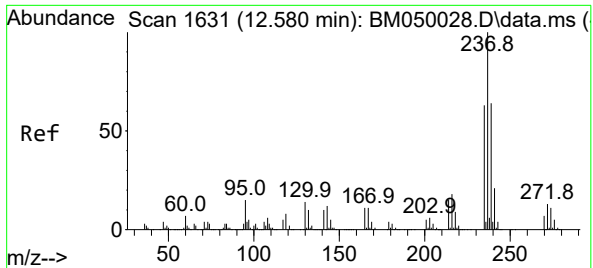
216 100

214 78.0 62.3 93.5

179 19.0 15.4 23.0

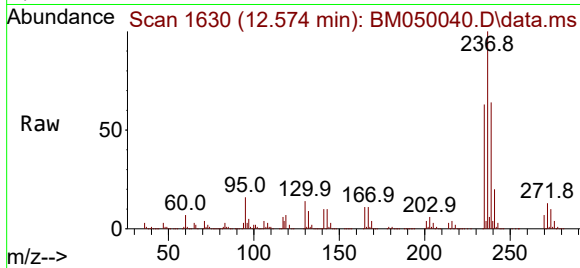
108 16.6 11.7 17.5



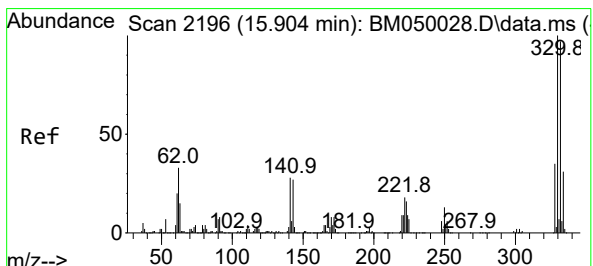
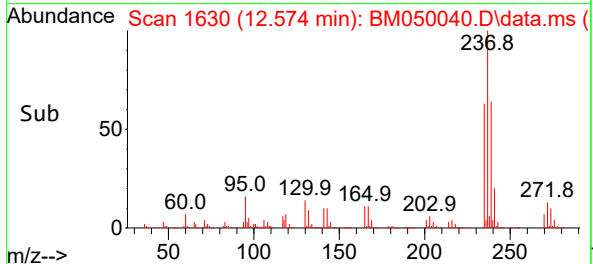
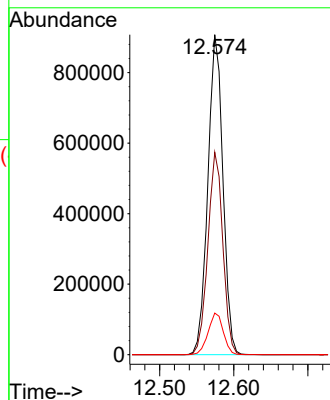


#41
Hexachlorocyclopentadiene
Concen: 99.621 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

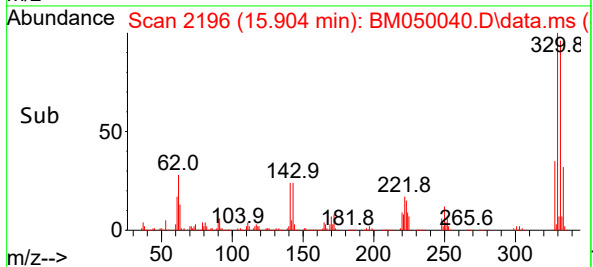
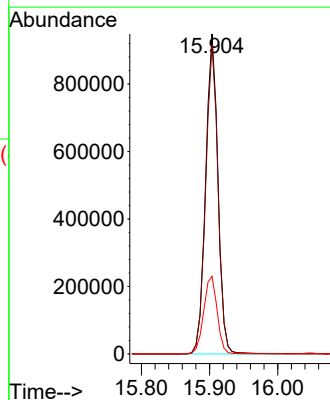
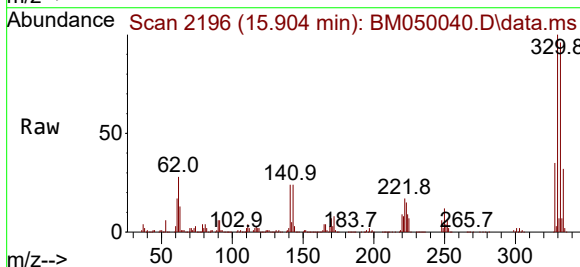


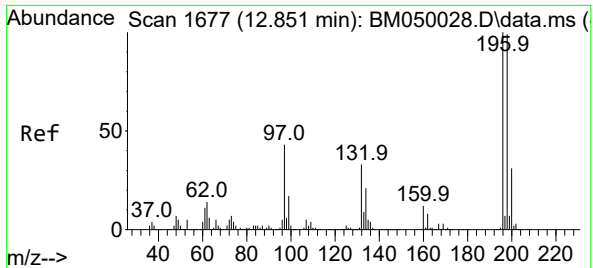
Tgt Ion:237 Resp: 1281695
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 132.987 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:330 Resp: 1195862
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 26.5 22.5 33.7

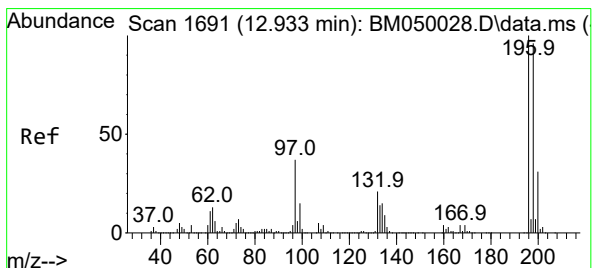
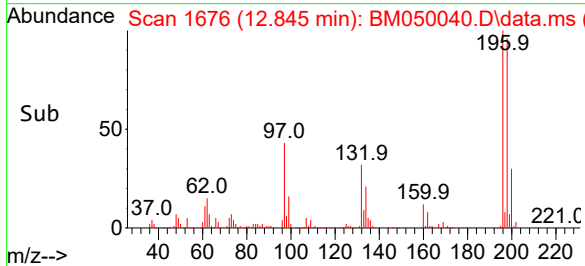
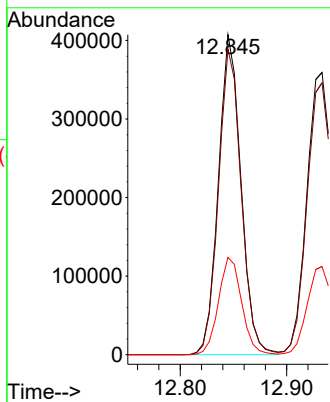
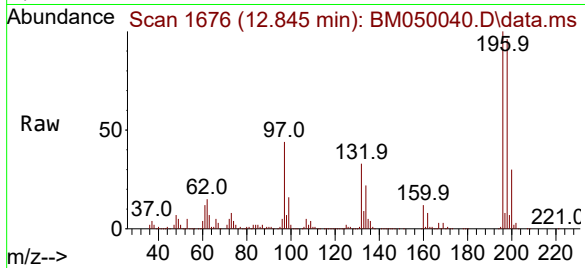




#43
2,4,6-Trichlorophenol
Concen: 44.859 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

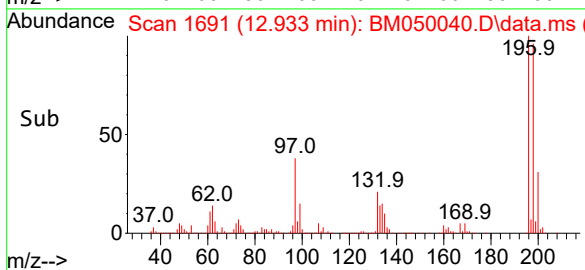
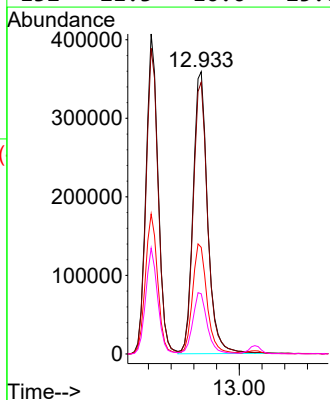
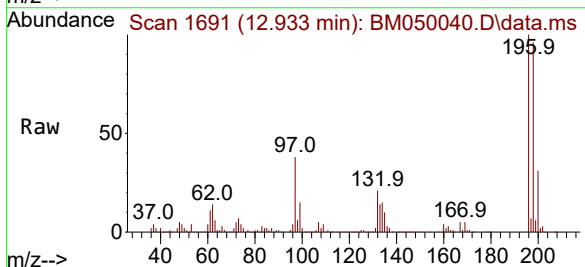
Instrument :
BNA_M
ClientSampleId :
PB167729BS

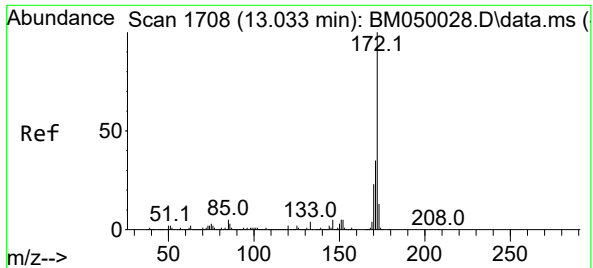
Tgt Ion:196 Resp: 598998
Ion Ratio Lower Upper
196 100
198 95.5 79.0 118.6
200 30.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.403 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:196 Resp: 639370
Ion Ratio Lower Upper
196 100
198 96.3 76.7 115.1
97 37.7 30.1 45.1
132 21.3 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 76.986 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

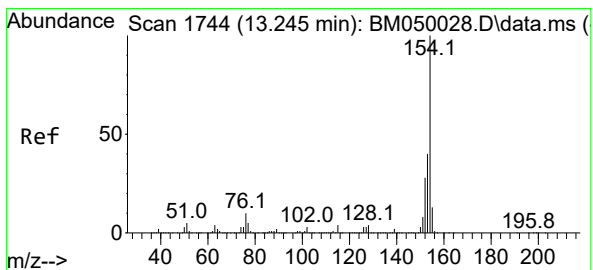
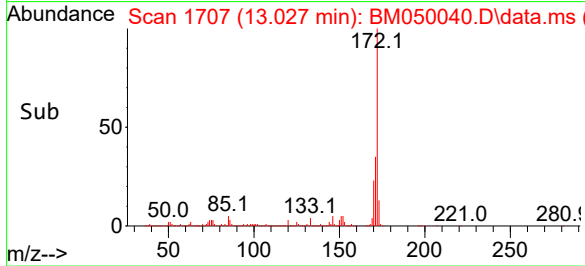
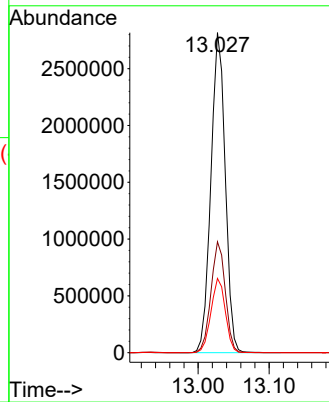
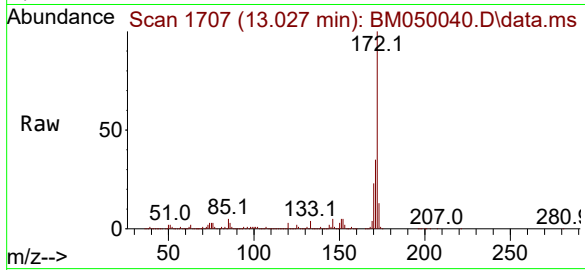
Tgt Ion:172 Resp: 3957723

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.889 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

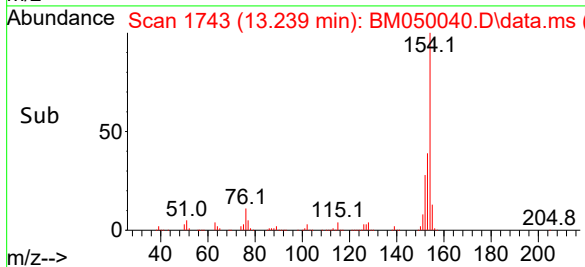
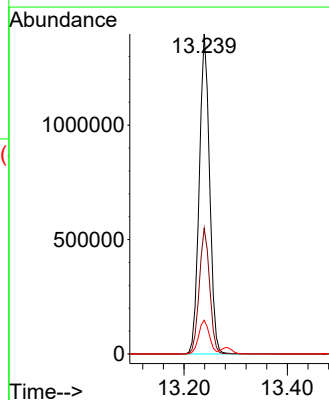
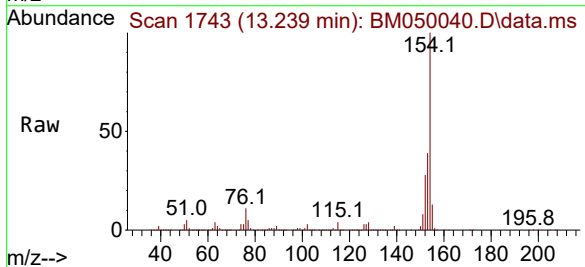
Tgt Ion:154 Resp: 1938887

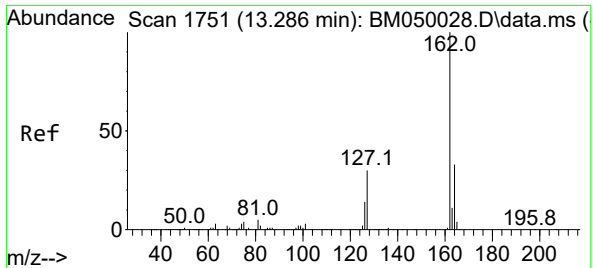
Ion Ratio Lower Upper

154 100

153 39.3 20.0 60.0

76 10.6 0.0 30.3

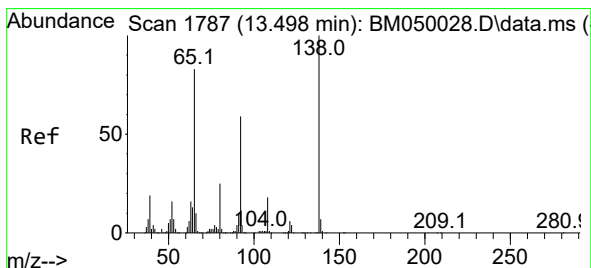
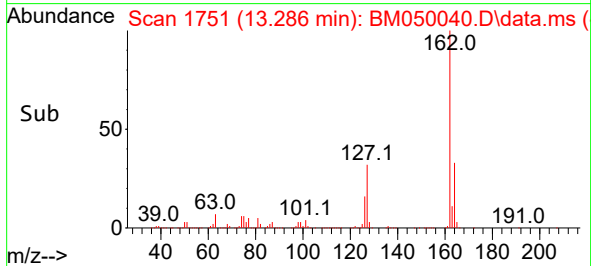
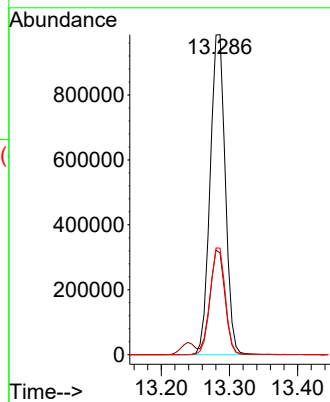
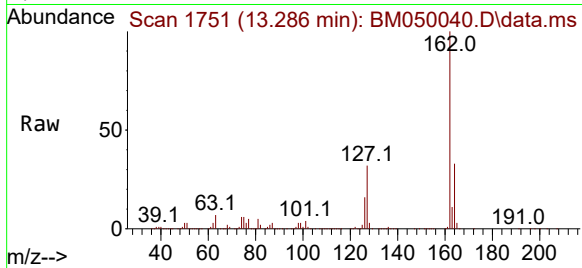




#47
2-Chloronaphthalene
Concen: 42.637 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

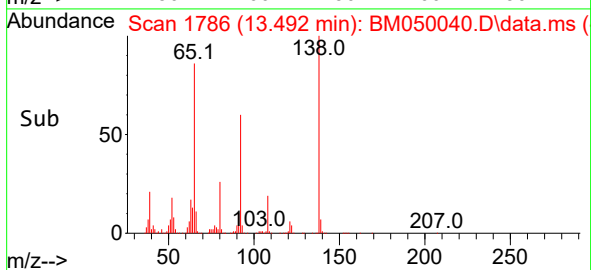
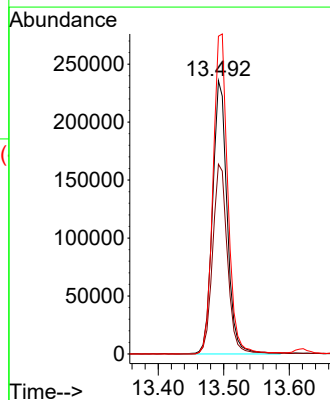
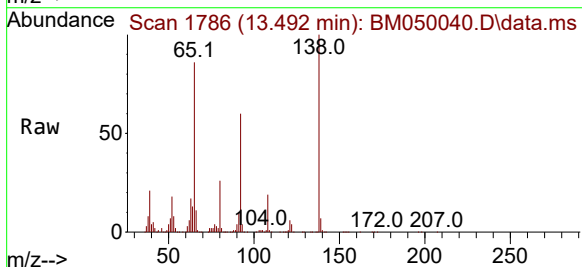
Instrument :
BNA_M
ClientSampleId :
PB167729BS

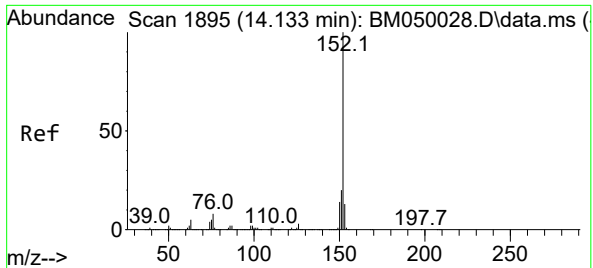
Tgt Ion:162 Resp: 1526561
Ion Ratio Lower Upper
162 100
127 31.8 25.9 38.9
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 43.535 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 65 Resp: 365838
Ion Ratio Lower Upper
65 100
92 69.4 57.1 85.7
138 116.3 97.0 145.4

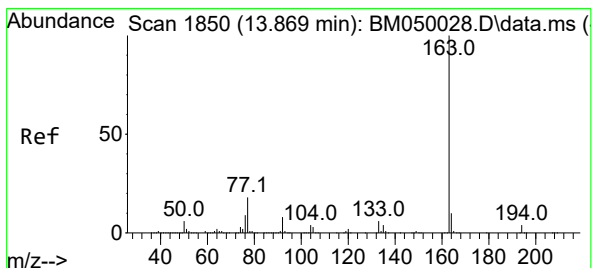
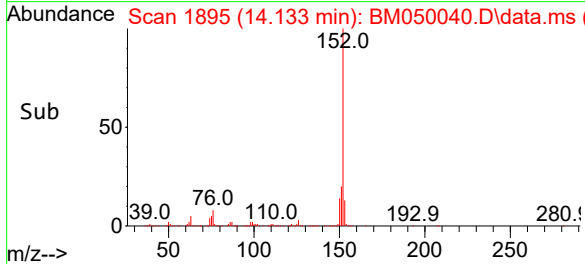
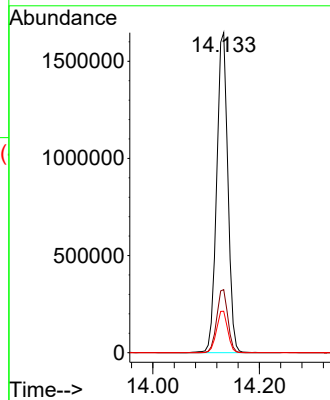
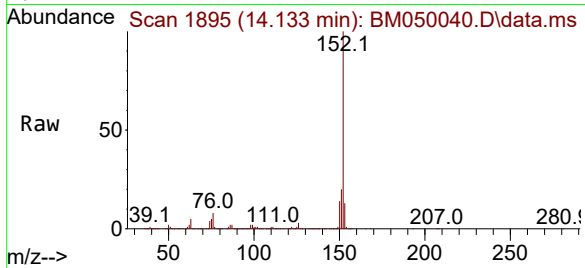




#49
Acenaphthylene
Concen: 42.390 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

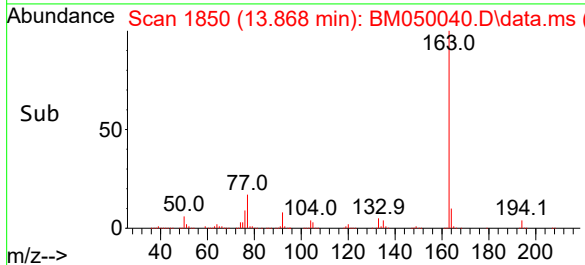
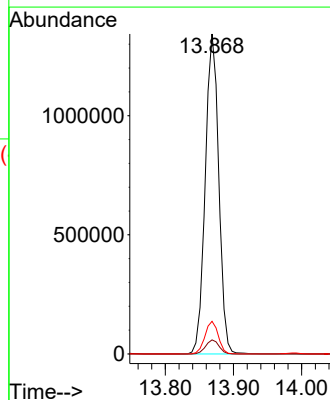
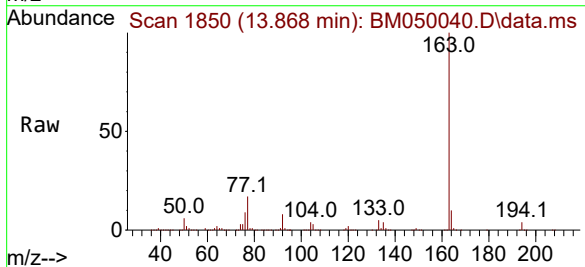
Instrument :
BNA_M
ClientSampleId :
PB167729BS

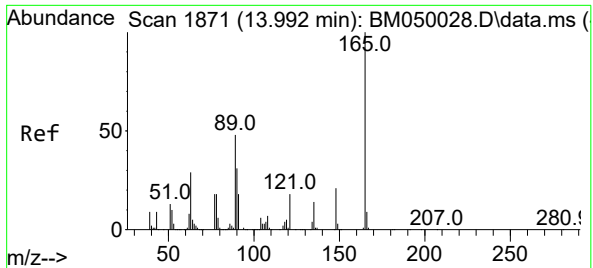
Tgt Ion:152 Resp: 2392982
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 41.627 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:163 Resp: 1850111
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

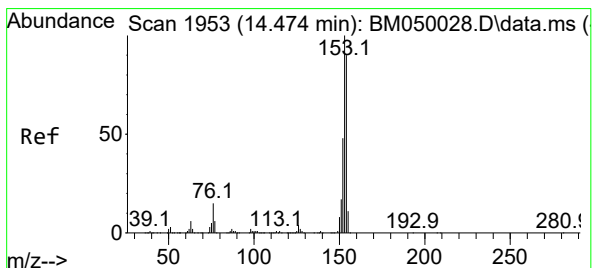
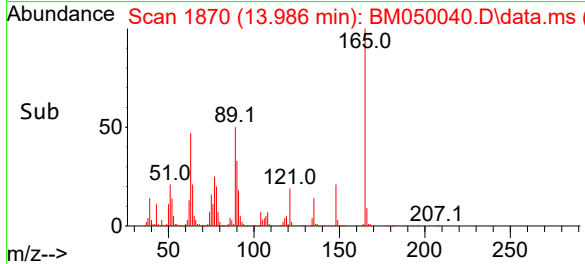
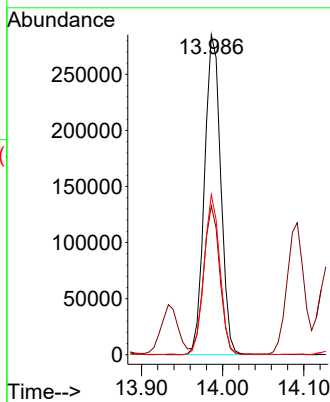
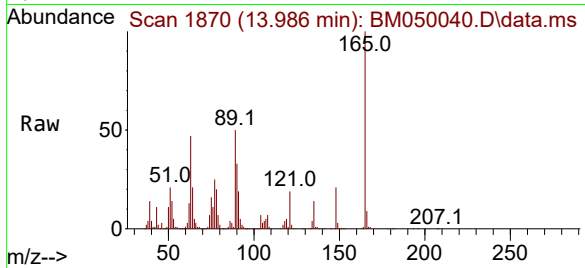




#51
2,6-Dinitrotoluene
Concen: 43.023 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

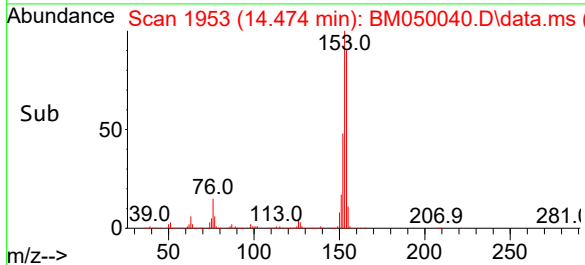
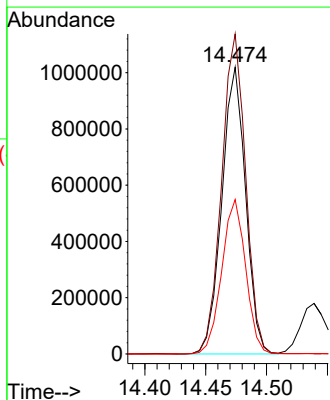
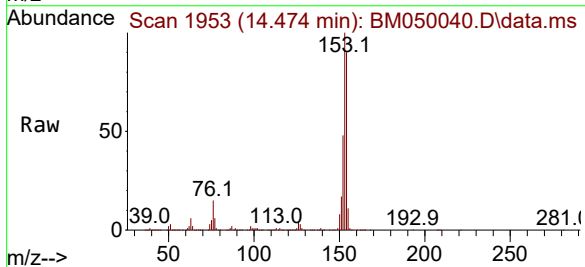
Instrument :
BNA_M
ClientSampleId :
PB167729BS

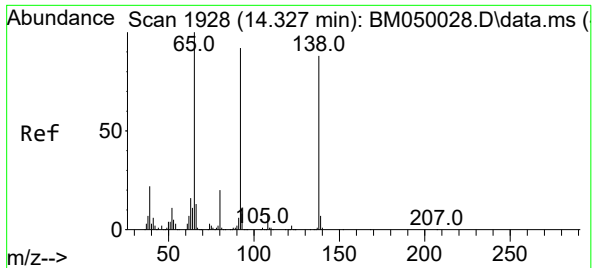
Tgt Ion:165 Resp: 395898
Ion Ratio Lower Upper
165 100
63 46.6 35.1 52.7
89 50.0 38.4 57.6



#52
Acenaphthene
Concen: 42.421 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:154 Resp: 1386169
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.9 43.0 64.6

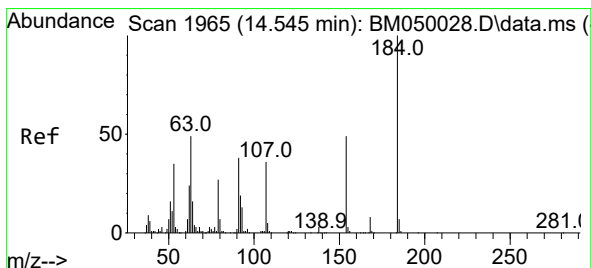
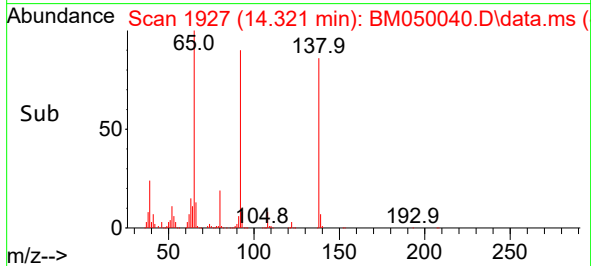
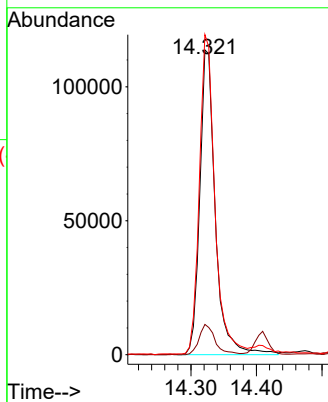
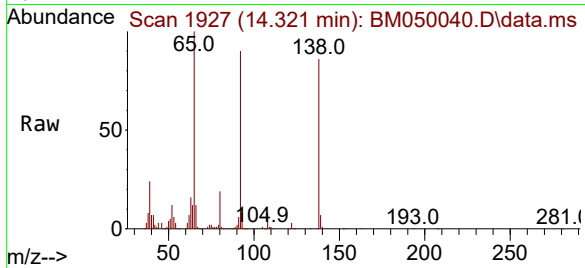




#53
3-Nitroaniline
Concen: 21.411 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

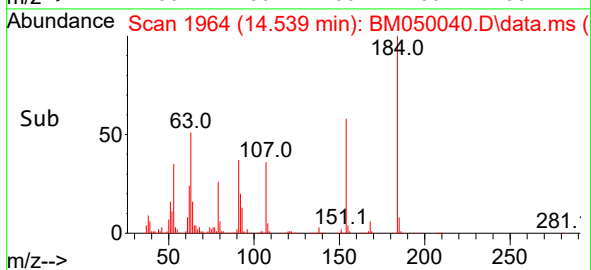
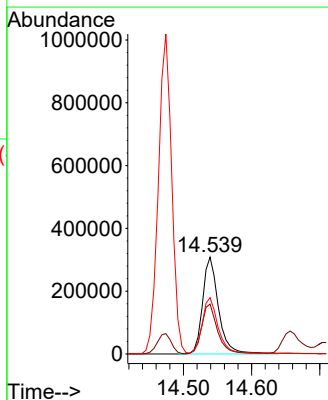
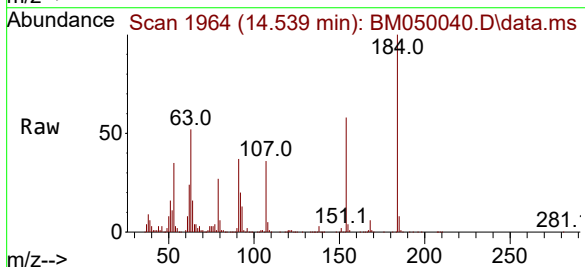
Instrument :
BNA_M
ClientSampleId :
PB167729BS

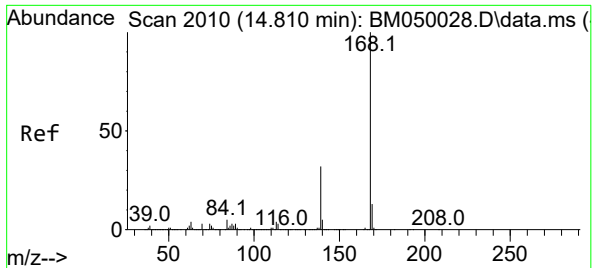
Tgt Ion:138 Resp: 188101
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 105.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 84.598 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

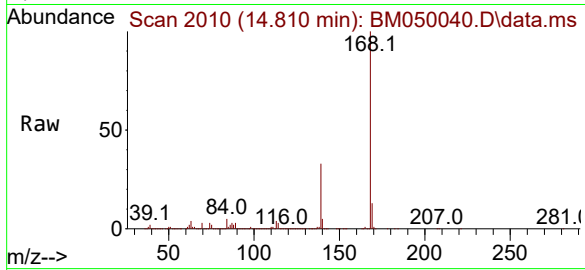
Tgt Ion:184 Resp: 500295
Ion Ratio Lower Upper
184 100
63 51.5 39.8 59.6
154 58.2 46.1 69.1



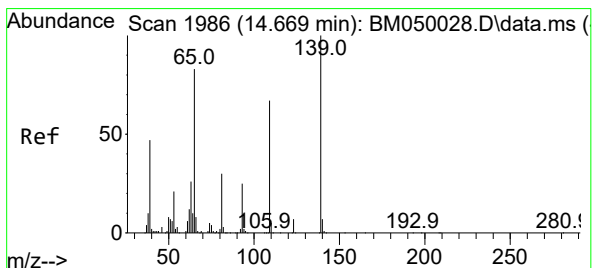
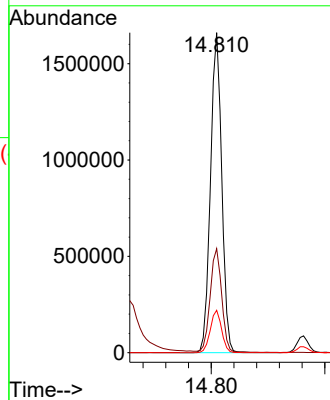


#55
Dibenzofuran
Concen: 41.754 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

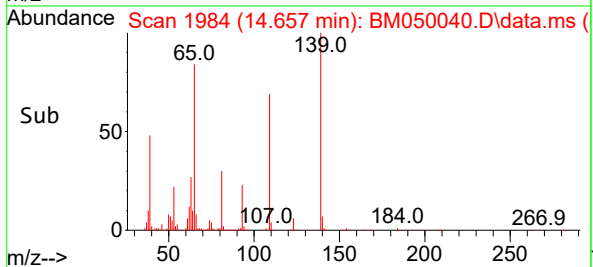
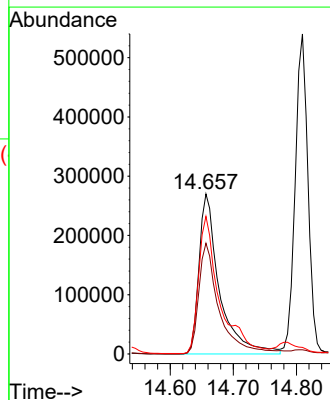
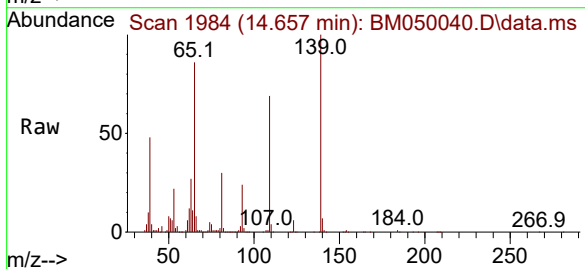


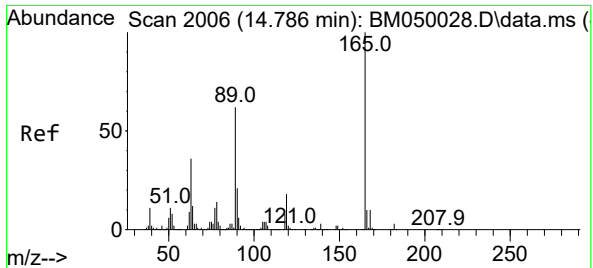
Tgt Ion:168 Resp: 2269999
Ion Ratio Lower Upper
168 100
139 32.5 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 84.586 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

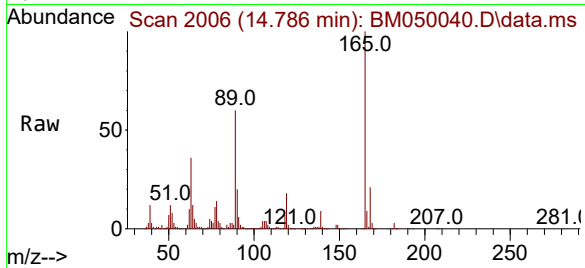
Tgt Ion:139 Resp: 606531
Ion Ratio Lower Upper
139 100
109 69.2 47.0 87.0
65 85.9 64.3 104.3



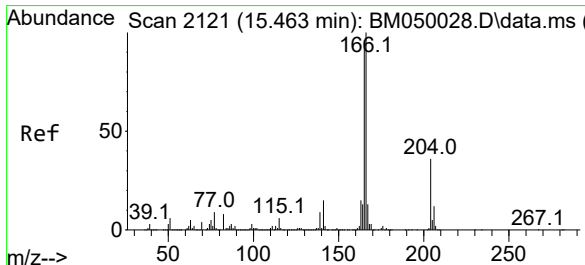
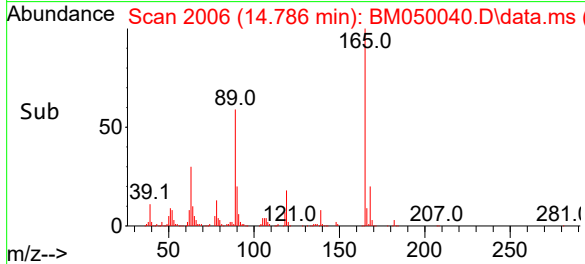
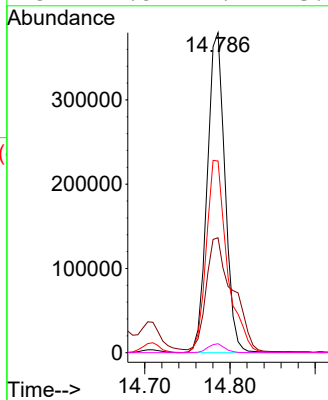


#57
2,4-Dinitrotoluene
Concen: 43.164 ng
RT: 14.786 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Instrument :
BNA_M
ClientSampleId :
PB167729BS

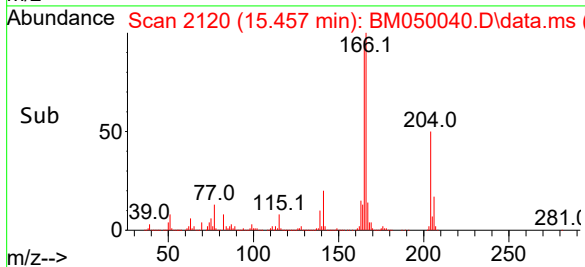
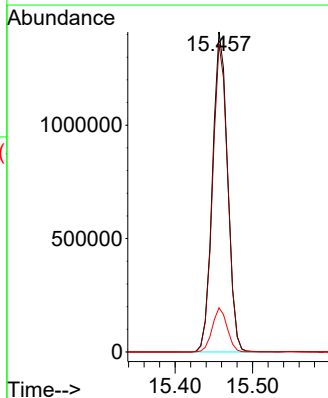
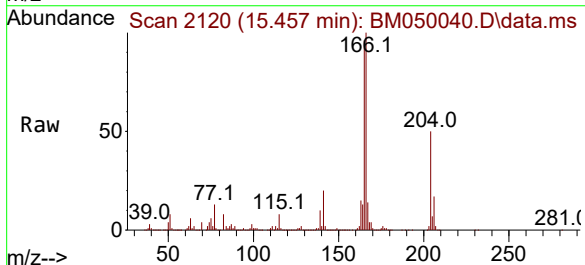


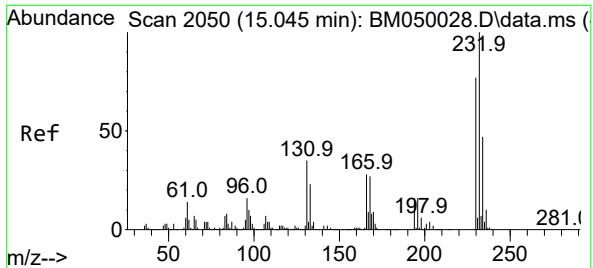
Tgt Ion:165 Resp: 548846
Ion Ratio Lower Upper
165 100
63 35.9 29.0 43.6
89 59.9 49.4 74.2
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.968 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

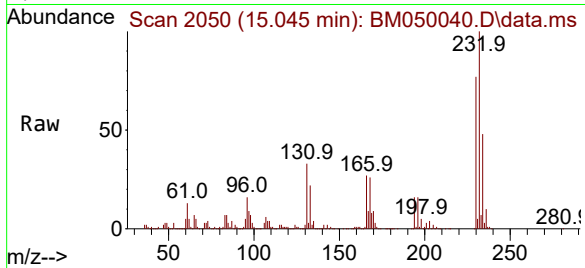
Tgt Ion:166 Resp: 1912078
Ion Ratio Lower Upper
166 100
165 96.2 76.6 115.0
167 13.8 10.6 16.0



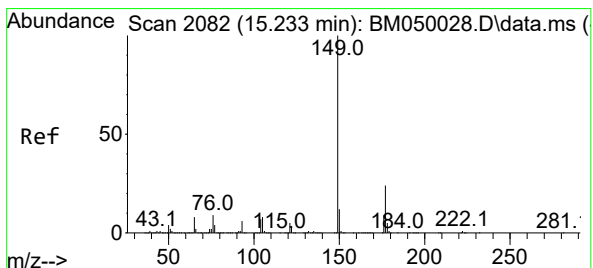
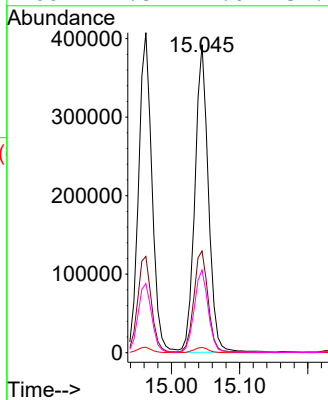
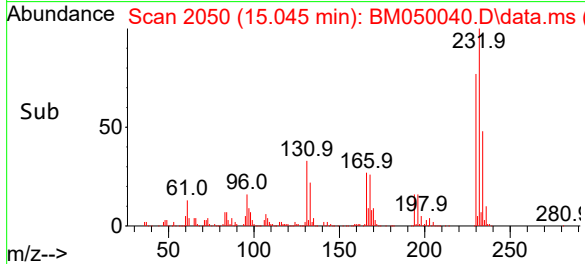


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.011 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

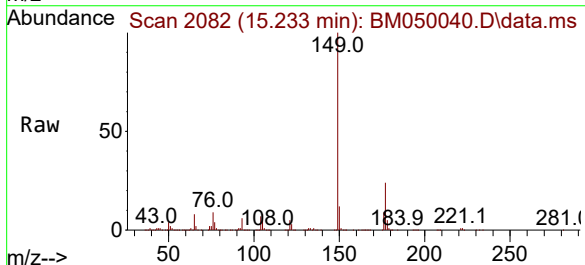
Instrument :
BNA_M
ClientSampleId :
PB167729BS



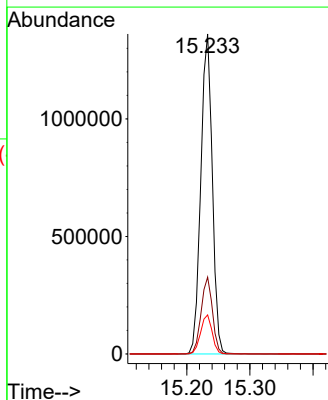
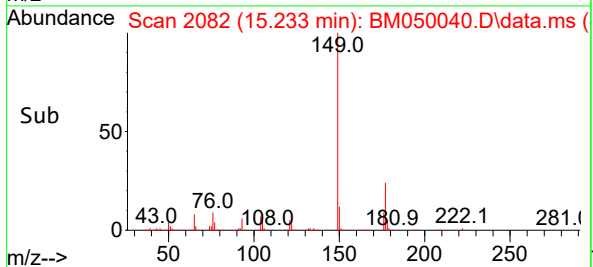
Tgt Ion:232 Resp: 536088
Ion Ratio Lower Upper
232 100
131 35.0 28.2 42.4
130 1.8 1.5 2.3
166 27.8 22.6 34.0

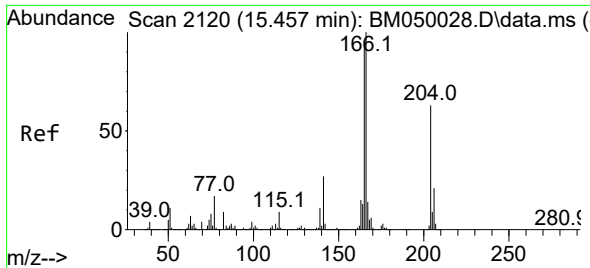


#60
Diethylphthalate
Concen: 41.004 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58



Tgt Ion:149 Resp: 1717203
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.2 9.6 14.4

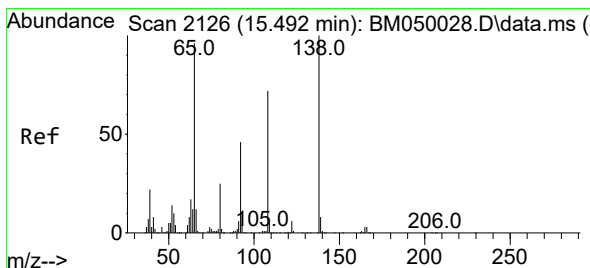
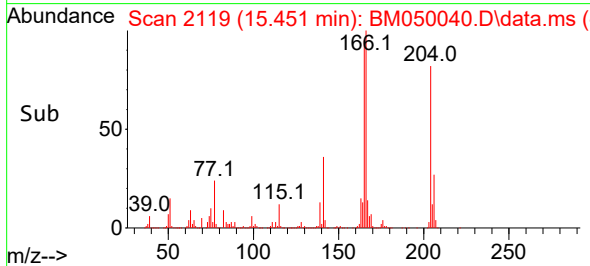
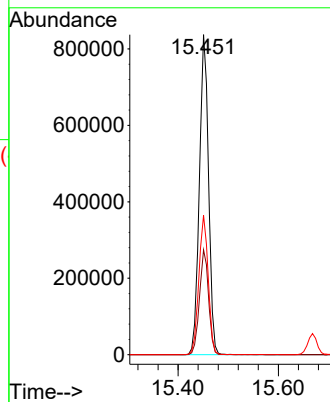
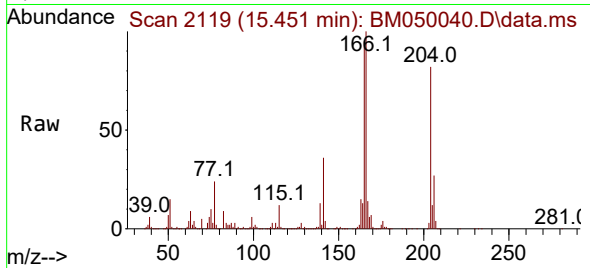




#61
4-Chlorophenyl-phenylether
Concen: 43.287 ng
RT: 15.451 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

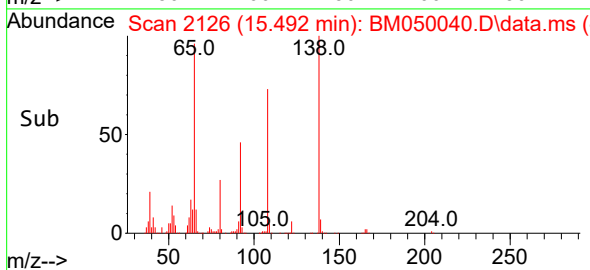
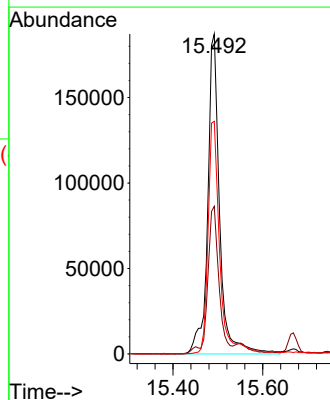
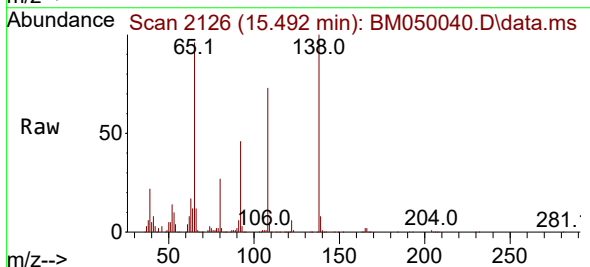
Instrument :
BNA_M
ClientSampleId :
PB167729BS

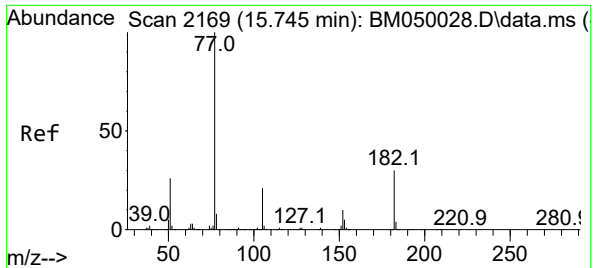
Tgt Ion:204 Resp: 1058040
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 43.5 34.0 51.0



#62
4-Nitroaniline
Concen: 40.852 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:138 Resp: 346266
Ion Ratio Lower Upper
138 100
92 46.2 25.9 65.9
108 72.7 52.4 92.4

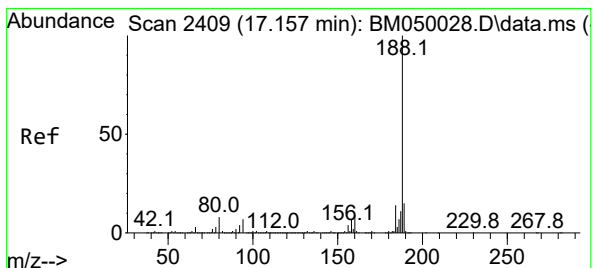
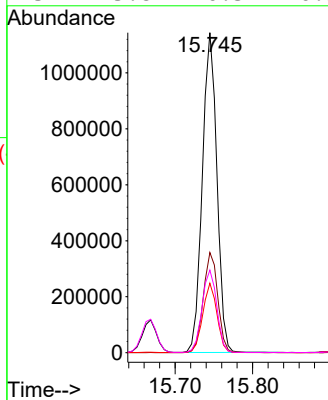
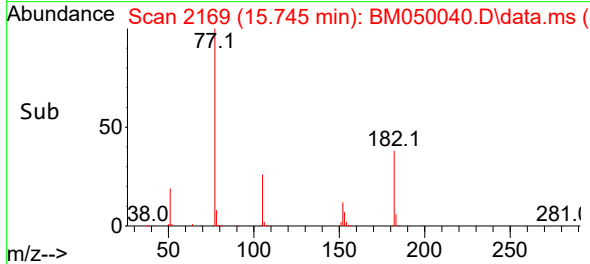
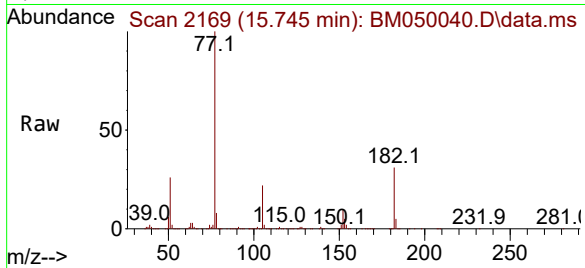




#63
Azobenzene
Concen: 42.399 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

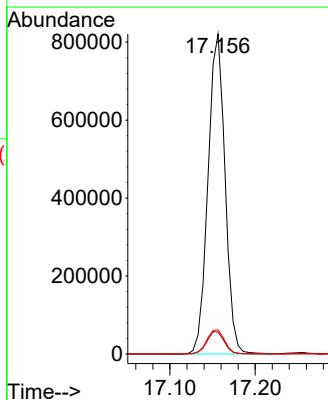
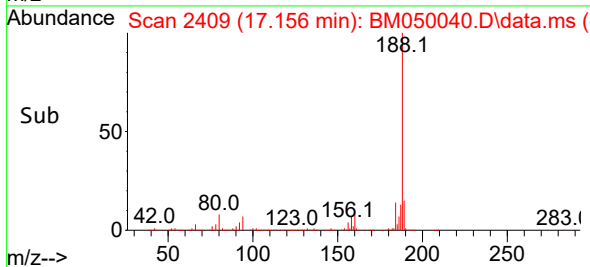
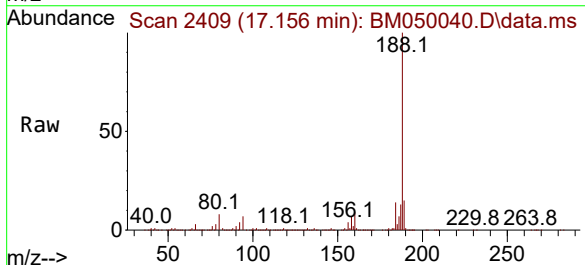
Instrument :
BNA_M
ClientSampleId :
PB167729BS

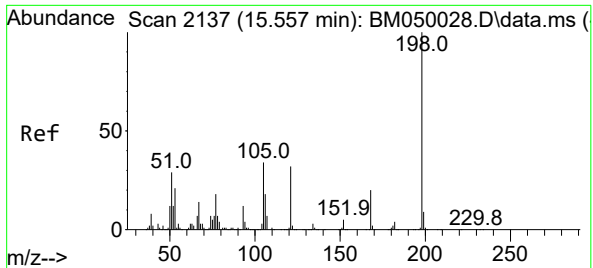
Tgt Ion: 77 Resp: 1488108
Ion Ratio Lower Upper
77 100
182 31.3 10.5 50.5
105 21.7 1.1 41.1
51 25.8 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion: 188 Resp: 1141685
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.6 6.2 9.4

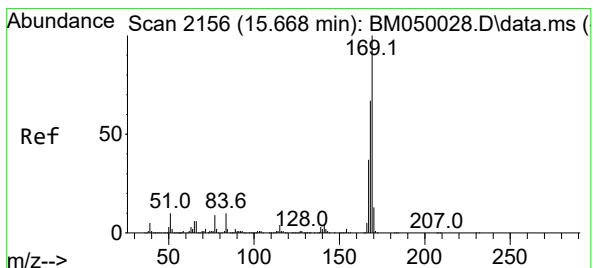
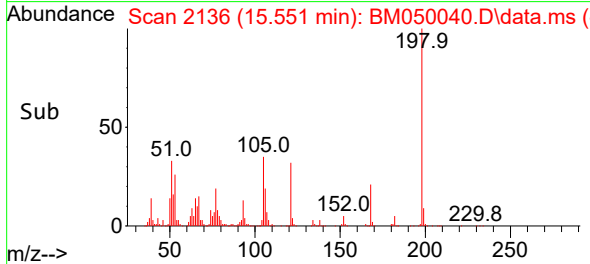
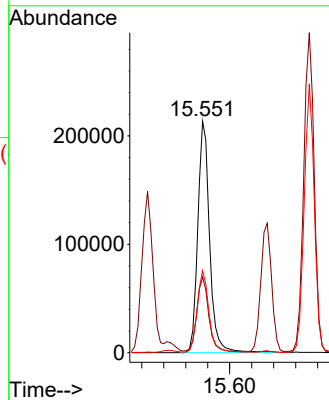
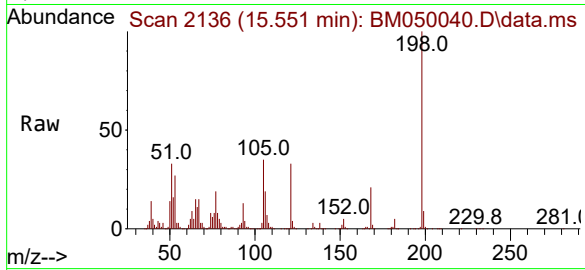




#65
4,6-Dinitro-2-methylphenol
Concen: 44.677 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

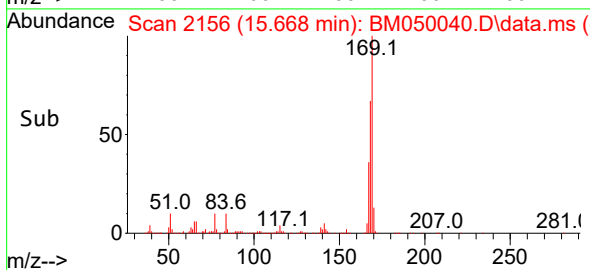
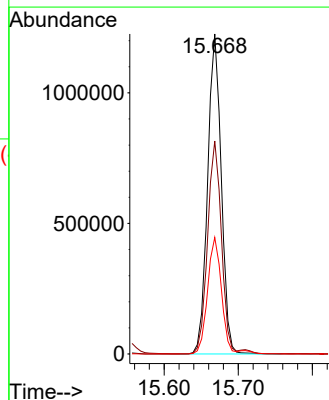
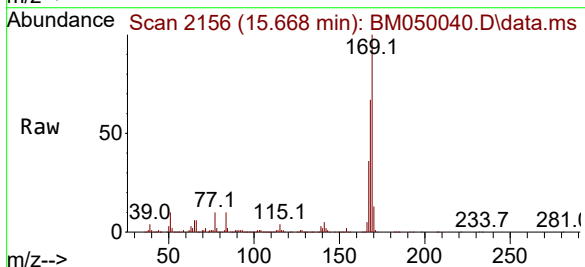
Instrument :
BNA_M
ClientSampleId :
PB167729BS

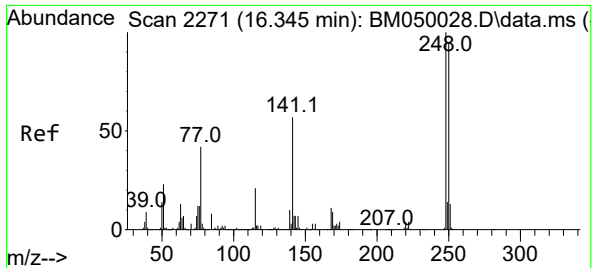
Tgt Ion:198 Resp: 319286
Ion Ratio Lower Upper
198 100
51 32.8 10.4 50.4
105 35.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.726 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:169 Resp: 1567999
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.4 29.4 44.0

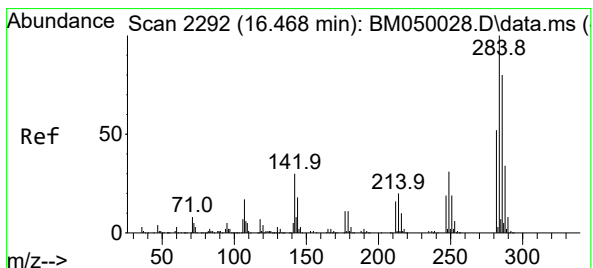
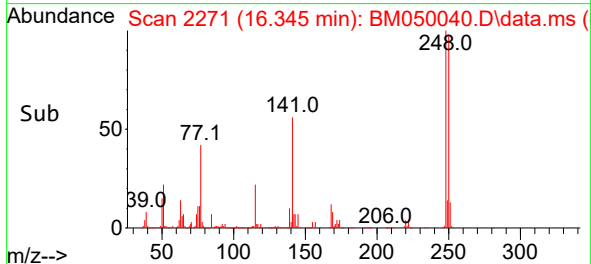
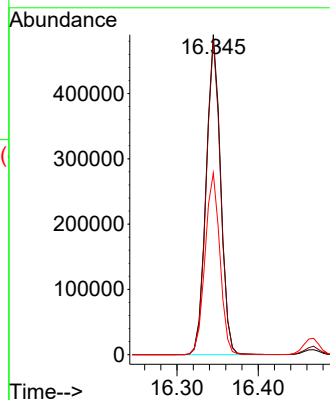
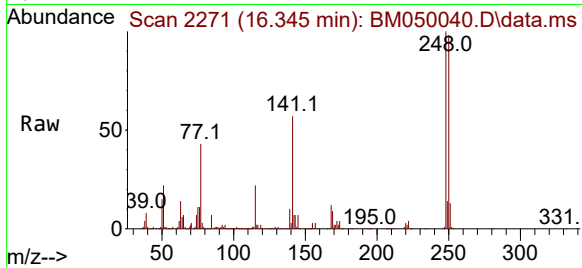




#67
4-Bromophenyl-phenylether
Concen: 43.769 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

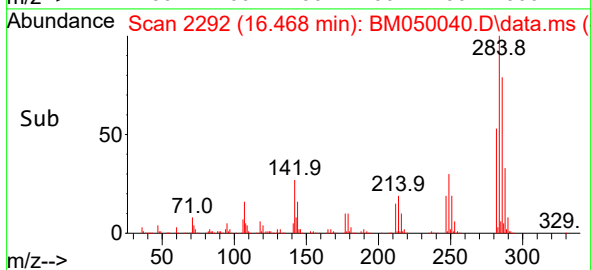
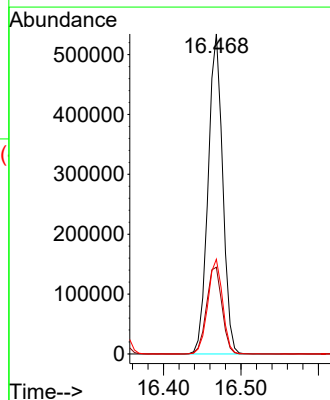
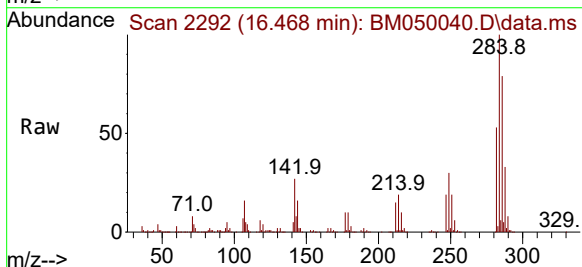
Instrument :
BNA_M
ClientSampleId :
PB167729BS

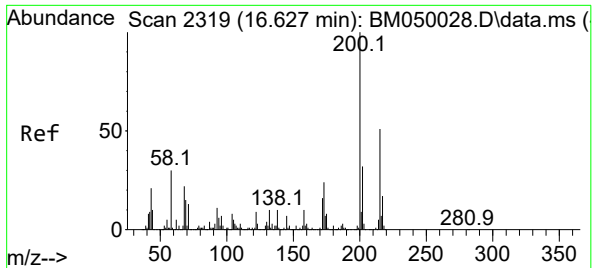
Tgt Ion:248 Resp: 604278
Ion Ratio Lower Upper
248 100
250 98.4 76.2 114.2
141 56.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.801 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:284 Resp: 697068
Ion Ratio Lower Upper
284 100
142 27.1 23.9 35.9
249 29.6 24.5 36.7

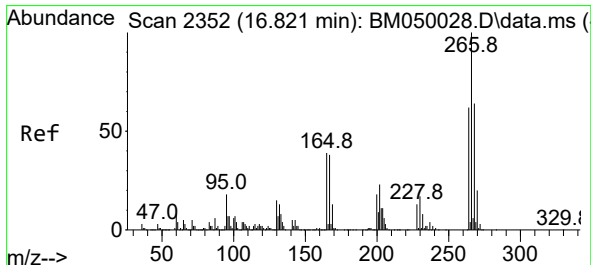
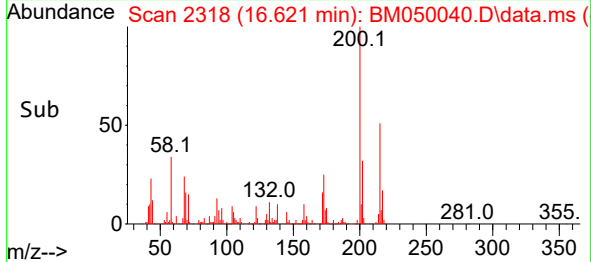
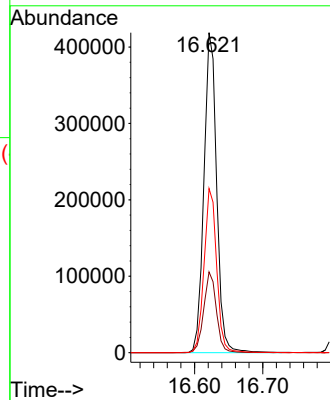
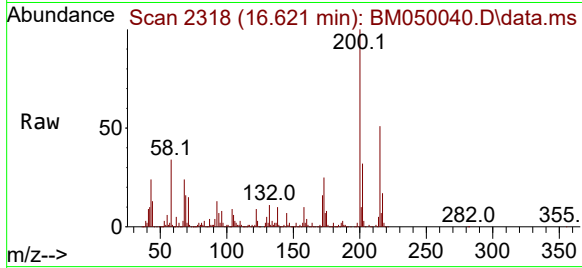




#69
Atrazine
Concen: 43.054 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

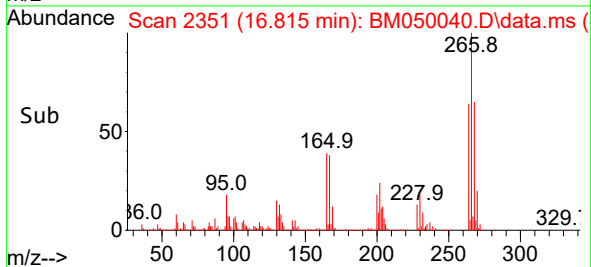
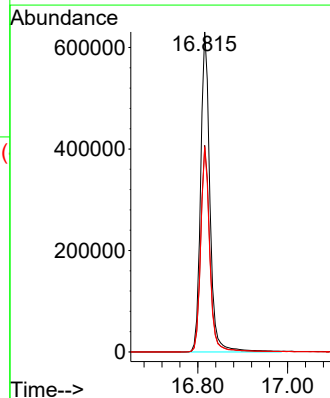
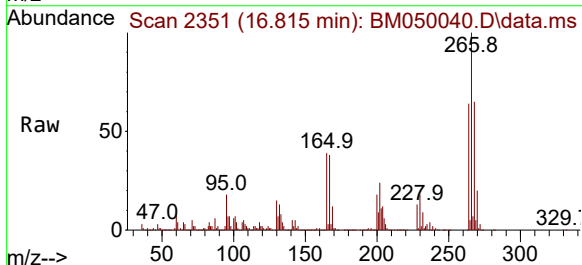
Instrument :
BNA_M
ClientSampleId :
PB167729BS

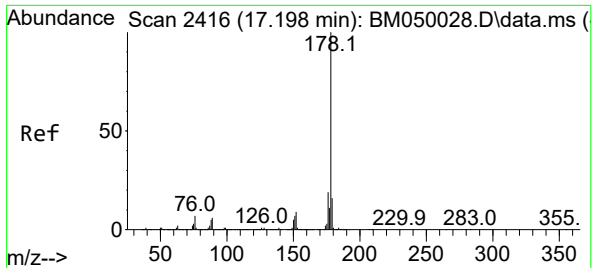
Tgt Ion:	200	Resp:	544460
Ion Ratio	Lower	Upper	
200	100		
173	25.2	4.3	44.3
215	51.3	30.6	70.6



#70
Pentachlorophenol
Concen: 100.762 ng
RT: 16.815 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:	266	Resp:	902632
Ion Ratio	Lower	Upper	
266	100		
268	64.5	51.2	76.8
264	63.9	49.6	74.4

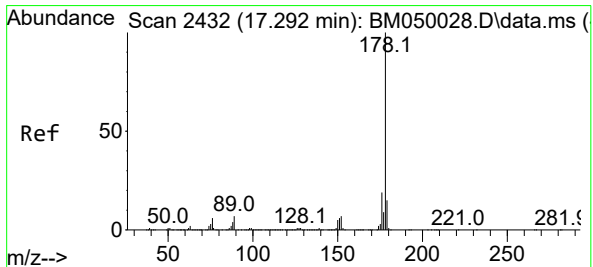
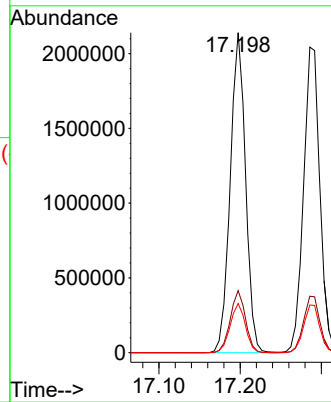
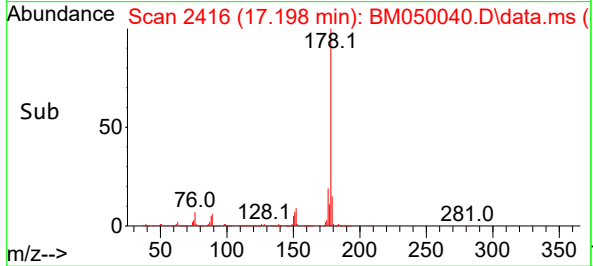
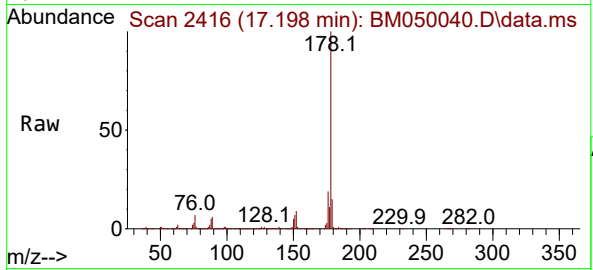




#71
Phenanthrene
Concen: 43.600 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

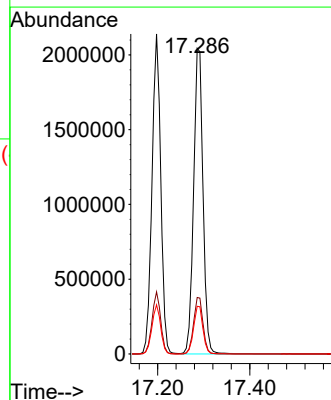
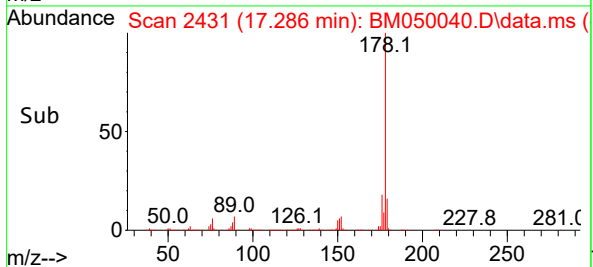
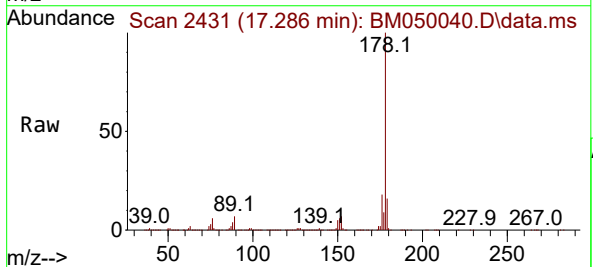
Instrument :
BNA_M
ClientSampleId :
PB167729BS

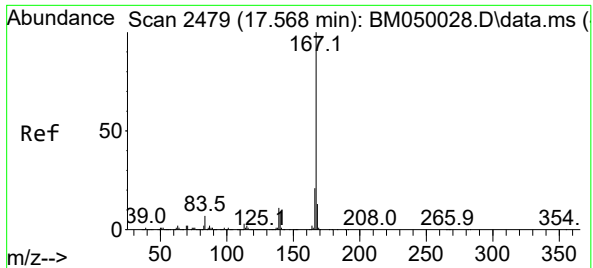
Tgt Ion:178 Resp: 2807497
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.205 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:178 Resp: 2880577
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.2 18.4

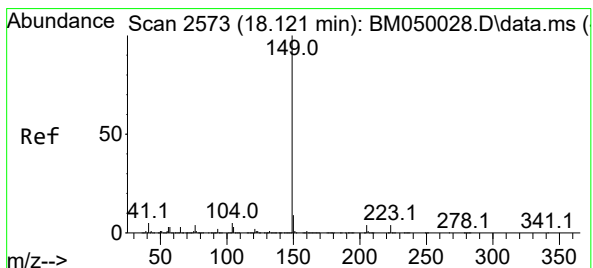
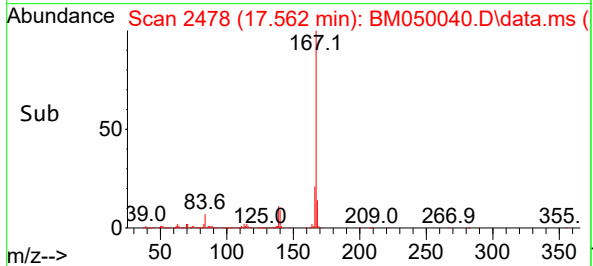
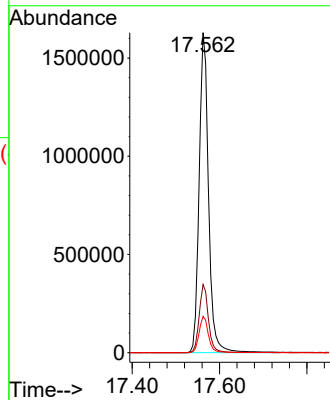
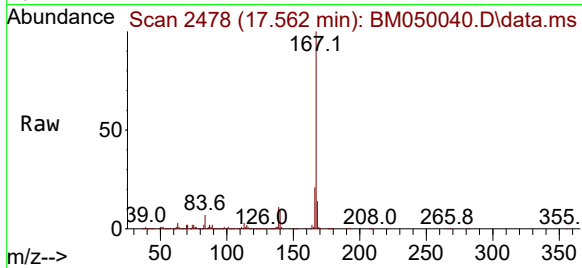




#73
Carbazole
Concen: 43.075 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

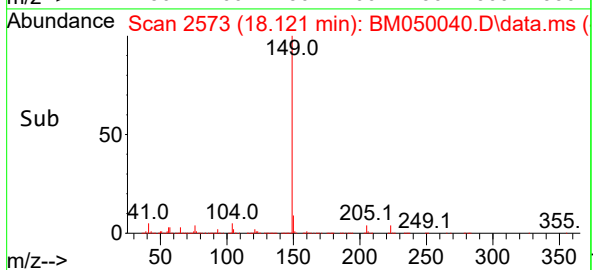
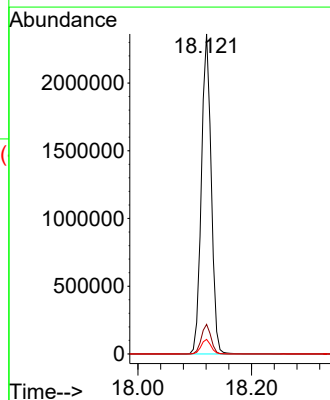
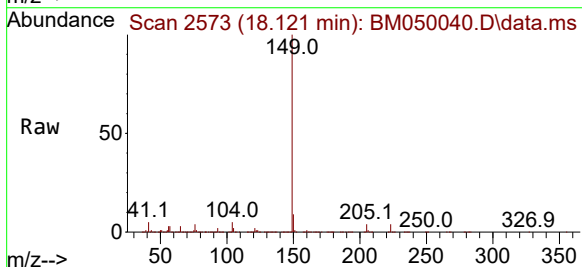
Instrument :
BNA_M
ClientSampleId :
PB167729BS

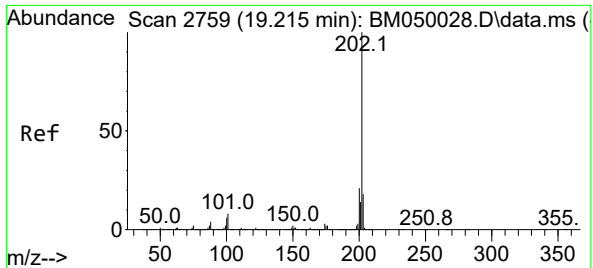
Tgt Ion:167 Resp: 2435722
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.4 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.058 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:149 Resp: 2832214
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6

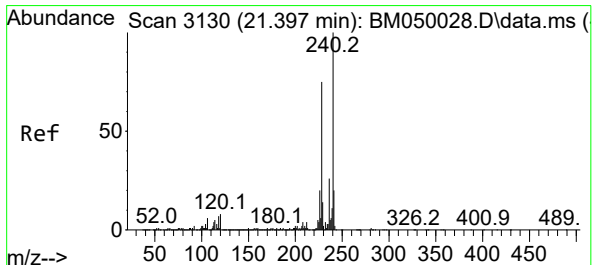
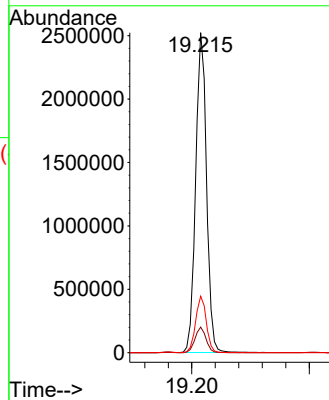
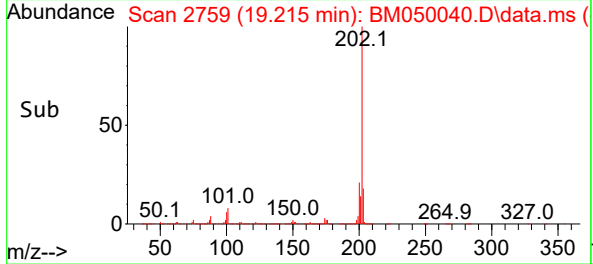
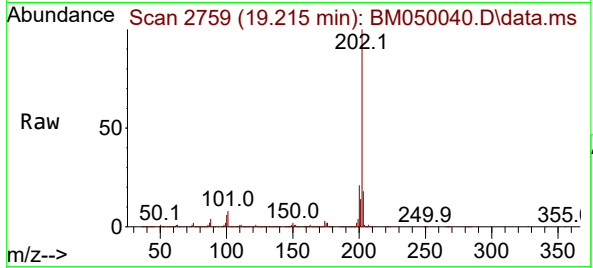




#75
Fluoranthene
Concen: 42.674 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

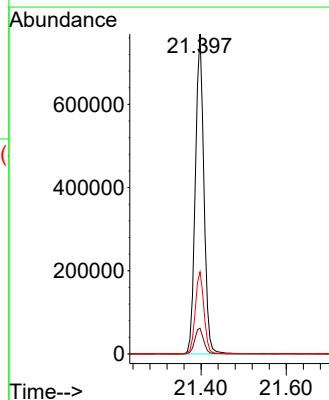
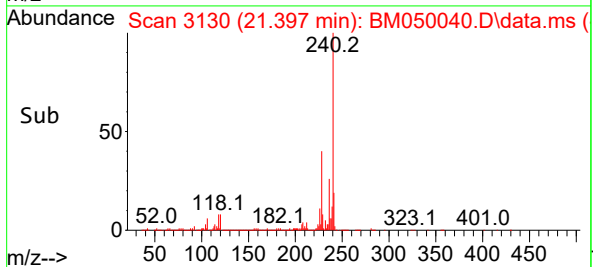
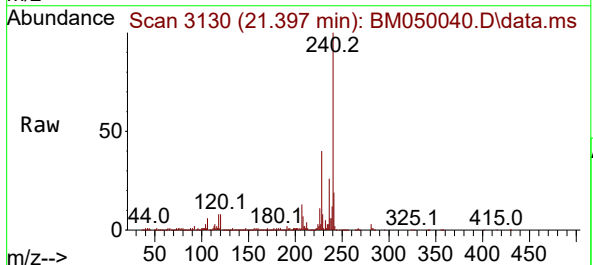
Instrument :
BNA_M
ClientSampleId :
PB167729BS

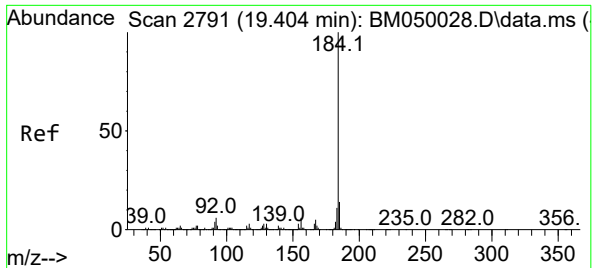
Tgt Ion:202 Resp: 3226174
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:240 Resp: 1074284
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.7 20.9 31.3

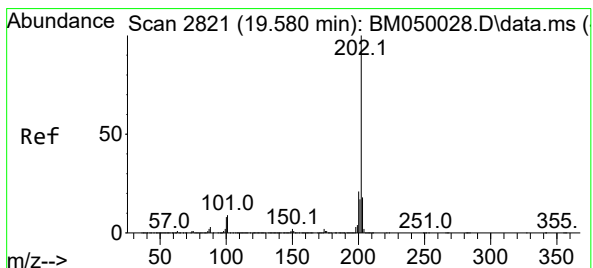
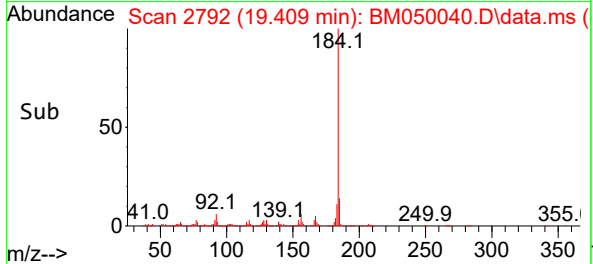
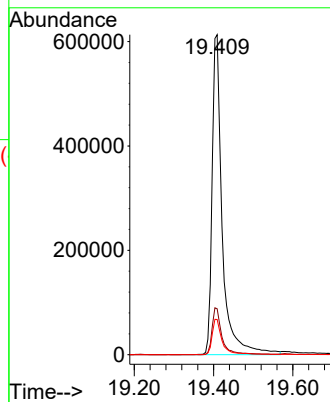
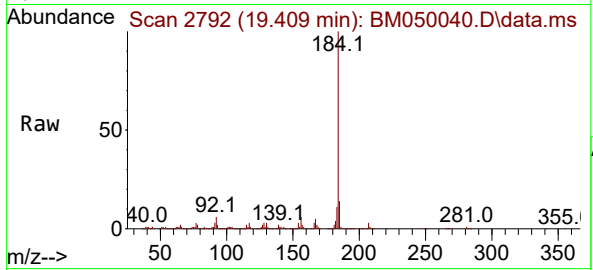




#77
Benzidine
Concen: 28.684 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

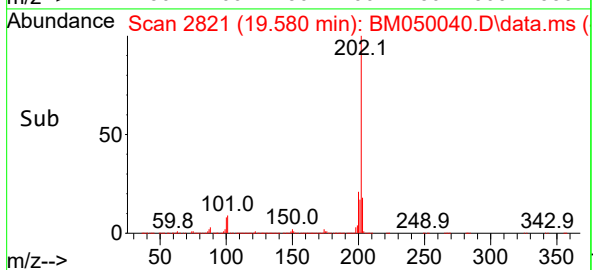
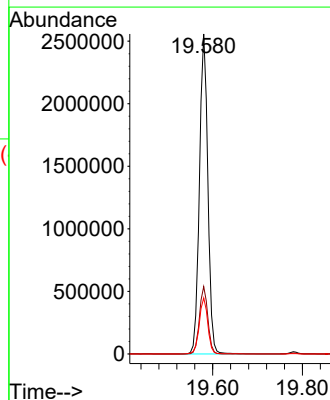
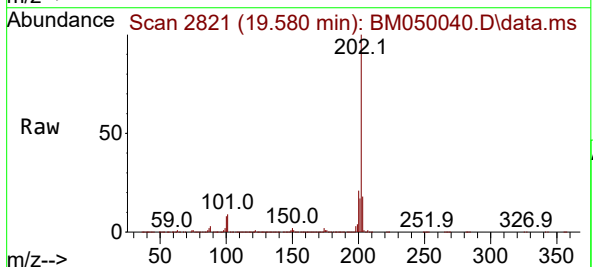
Instrument :
BNA_M
ClientSampleId :
PB167729BS

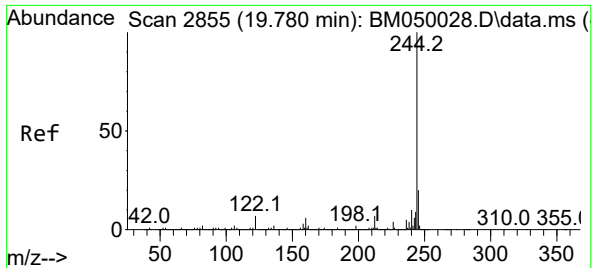
Tgt Ion:184 Resp: 1094565
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.0 8.9 13.3



#78
Pyrene
Concen: 43.987 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:202 Resp: 3318333
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 14.1 21.1

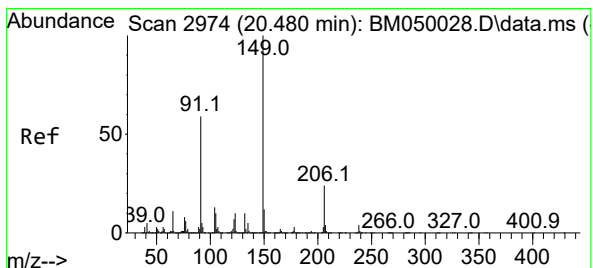
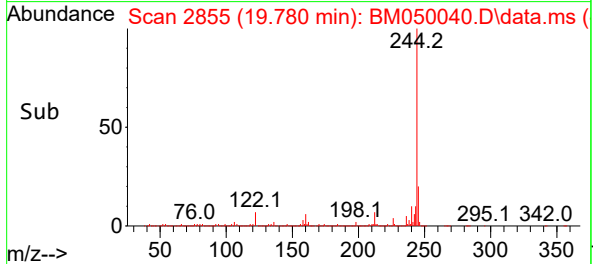
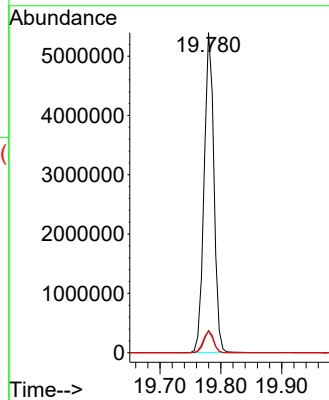
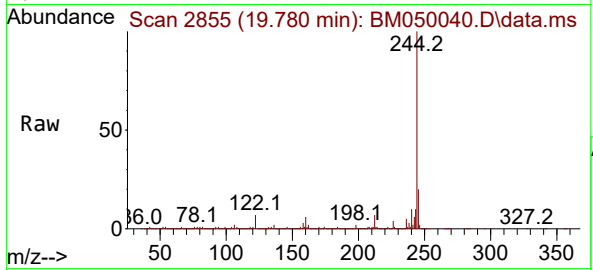




#79
Terphenyl-d14
Concen: 83.043 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

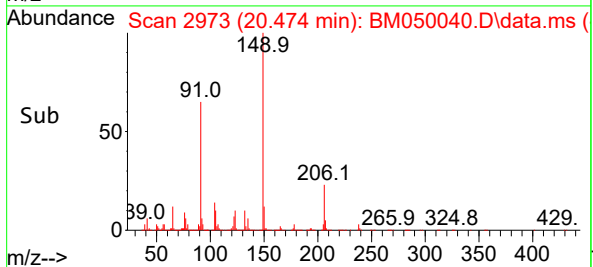
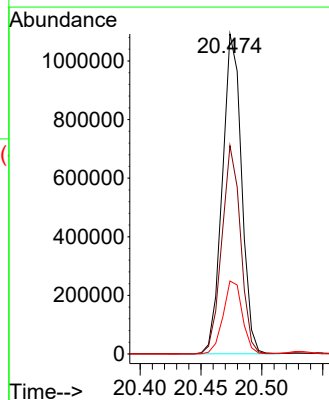
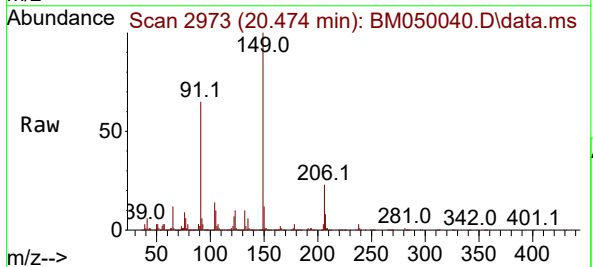
Instrument :
BNA_M
ClientSampleId :
PB167729BS

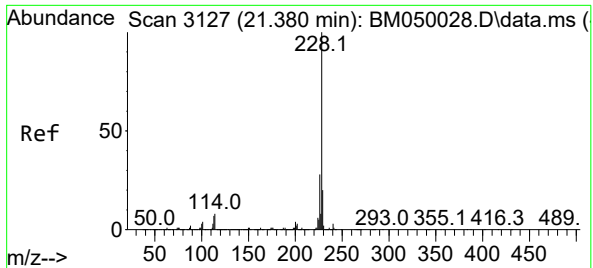
Tgt Ion:244 Resp: 6028843
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.496 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:149 Resp: 1200717
Ion Ratio Lower Upper
149 100
91 65.1 47.4 71.2
206 22.8 19.4 29.0

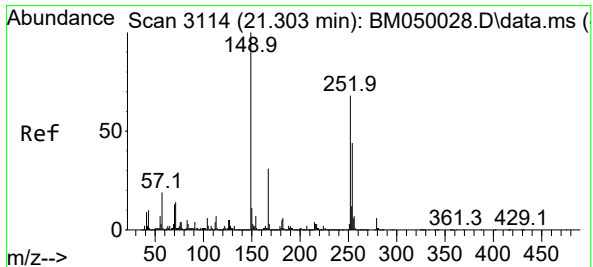
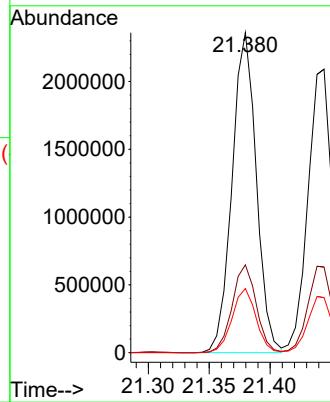
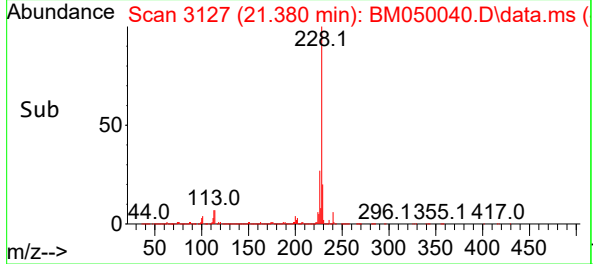
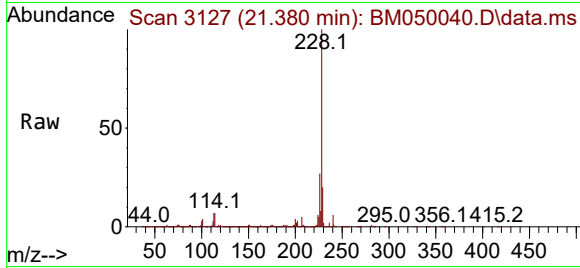




#81
Benzo(a)anthracene
Concen: 44.214 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

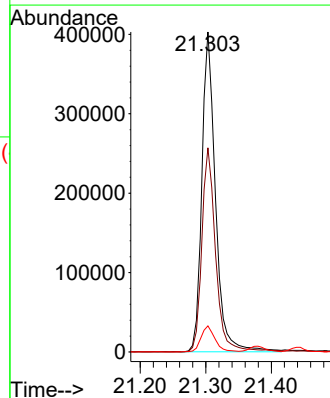
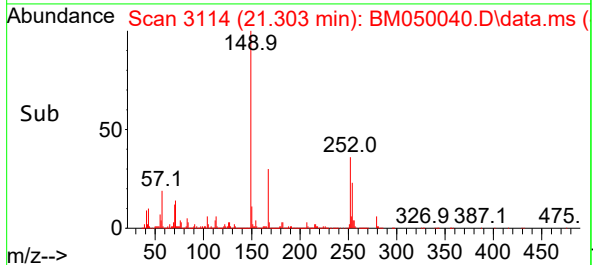
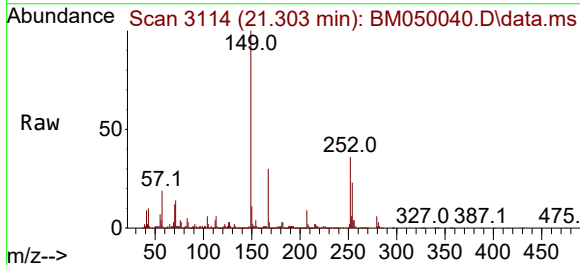
Instrument :
BNA_M
ClientSampleId :
PB167729BS

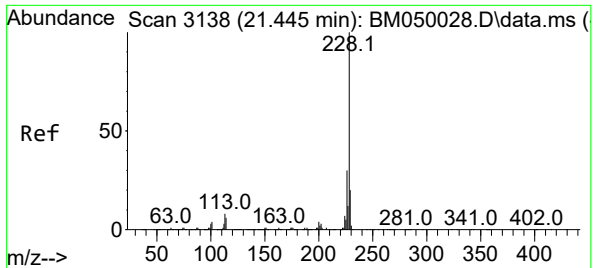
Tgt Ion:228 Resp: 3270859
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.570 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:252 Resp: 582534
Ion Ratio Lower Upper
252 100
254 63.8 51.8 77.6
126 8.2 6.0 9.0

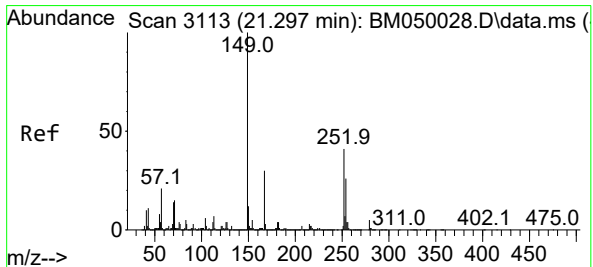
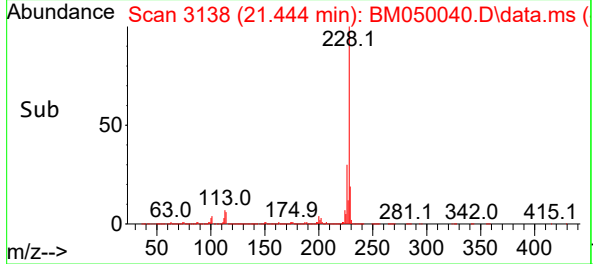
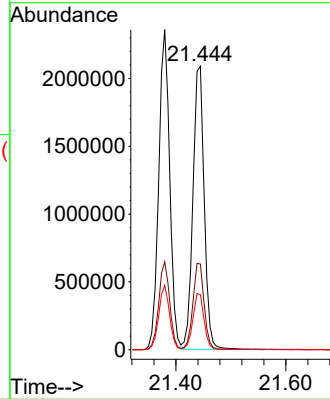
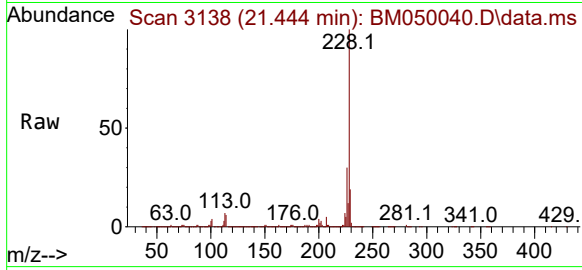




#83
Chrysene
Concen: 43.628 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

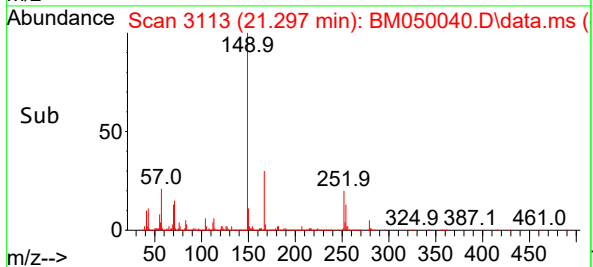
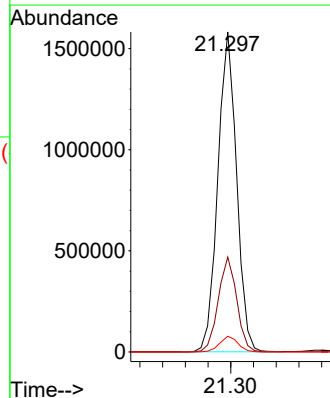
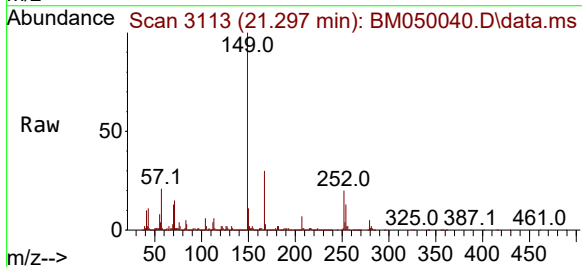
Instrument :
BNA_M
ClientSampleId :
PB167729BS

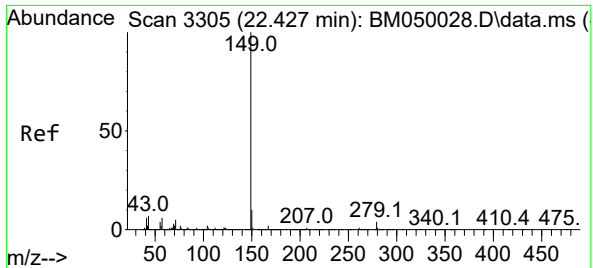
Tgt Ion:228 Resp: 2987144
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.4 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.954 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:149 Resp: 1812796
Ion Ratio Lower Upper
149 100
167 29.6 24.1 36.1
279 4.9 3.9 5.9

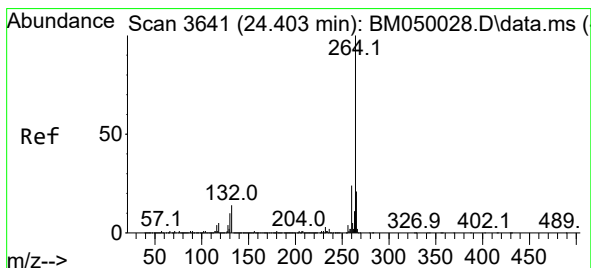
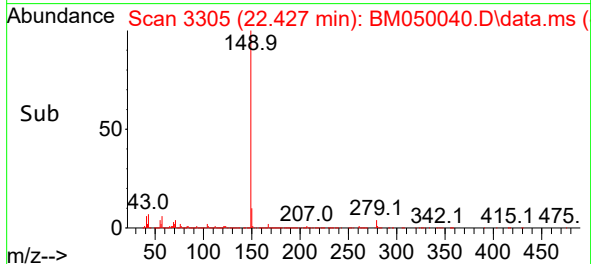
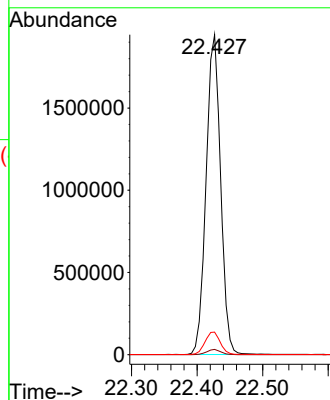
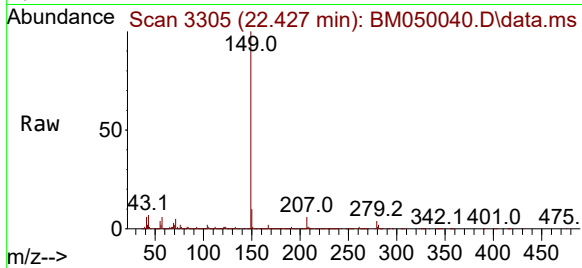




#85
Di-n-octyl phthalate
Concen: 43.017 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

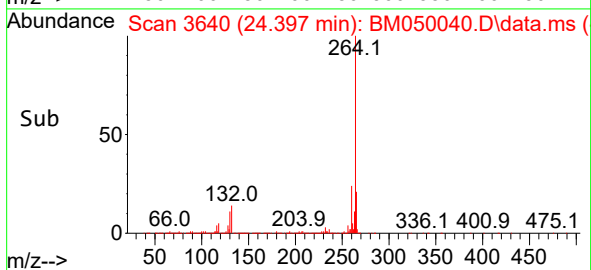
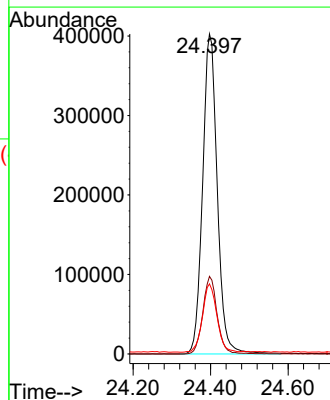
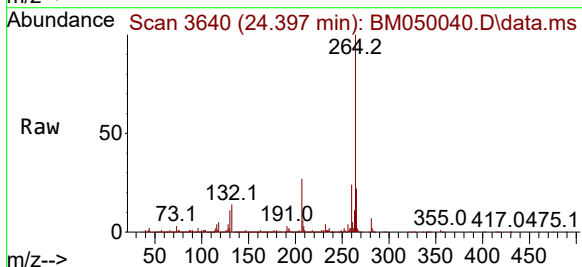
Instrument :
BNA_M
ClientSampleId :
PB167729BS

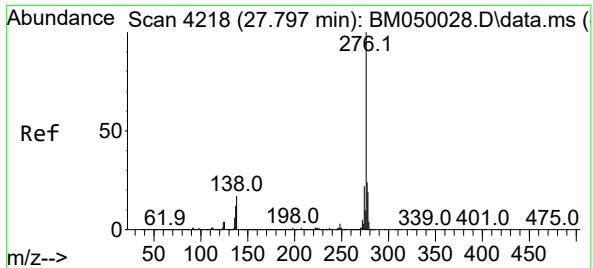
Tgt Ion:149 Resp: 2993996
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:264 Resp: 1054033
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.751 ng

RT: 27.791 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

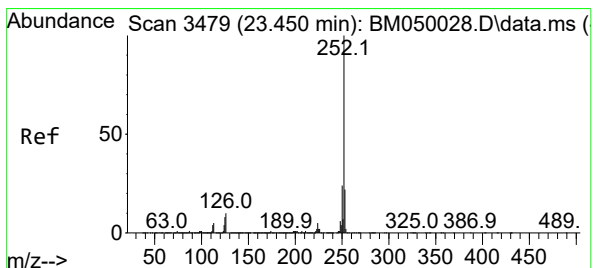
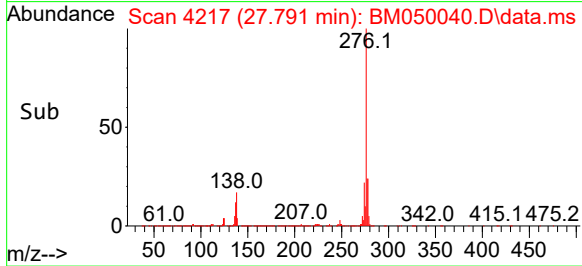
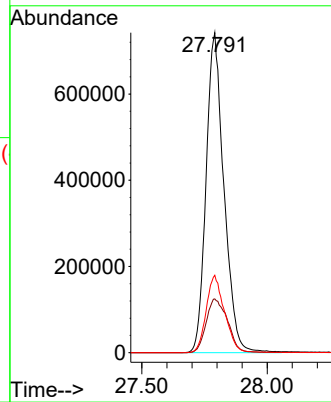
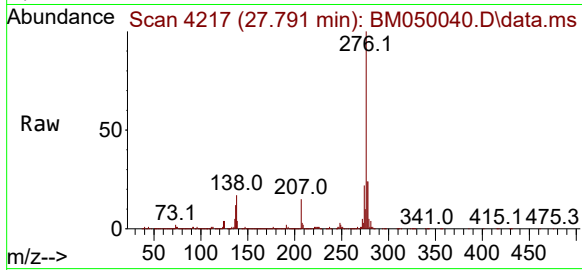
BNA_M

ClientSampleId :

PB167729BS

Tgt Ion:276 Resp: 3671724

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.4	24.6
277	24.9	19.8	29.8



#88

Benzo(b)fluoranthene

Concen: 44.521 ng

RT: 23.450 min Scan# 3479

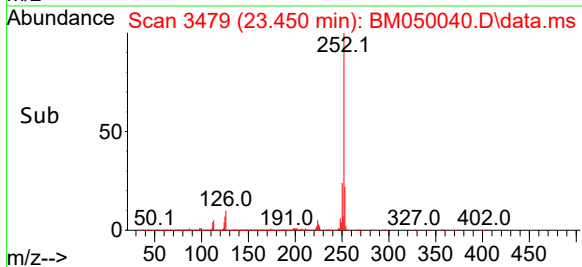
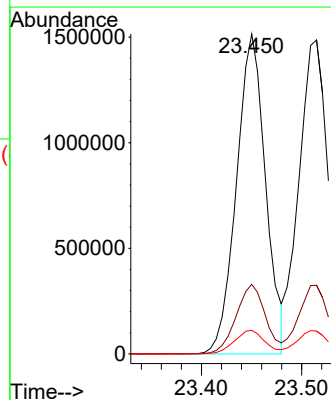
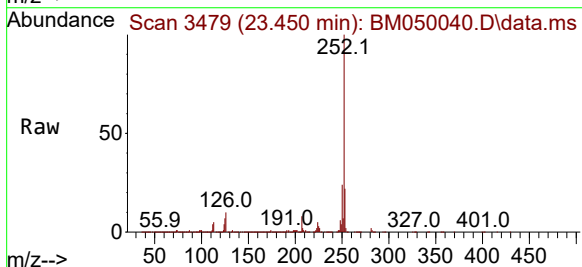
Delta R.T. -0.000 min

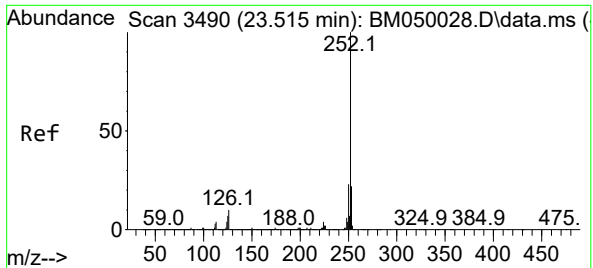
Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Tgt Ion:252 Resp: 3051800

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.4	6.1	9.1





#89

Benzo(k)fluoranthene

Concen: 44.305 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

Instrument :

BNA_M

ClientSampleId :

PB167729BS

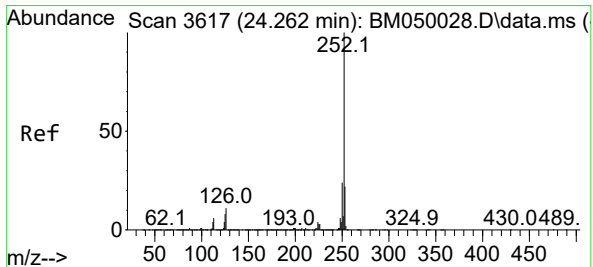
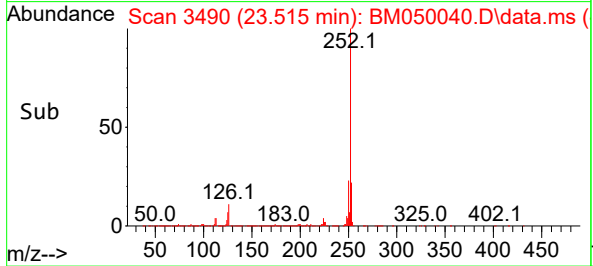
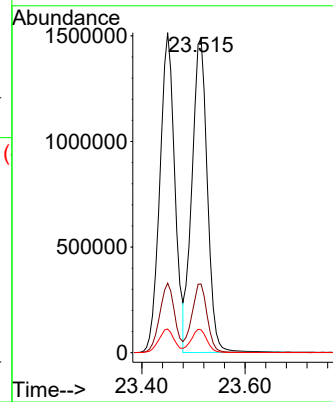
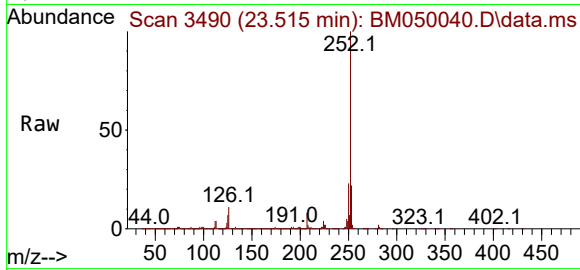
Tgt Ion:252 Resp: 3072007

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 44.562 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.006 min

Lab File: BM050040.D

Acq: 29 Apr 2025 12:58

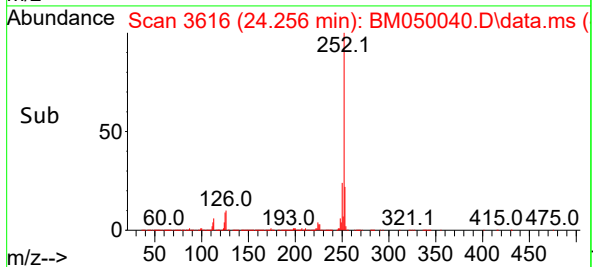
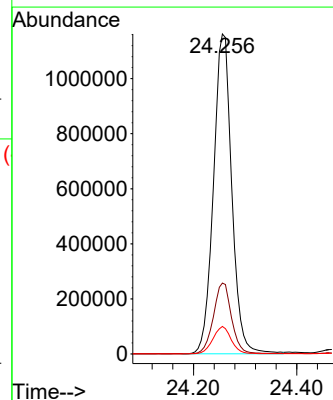
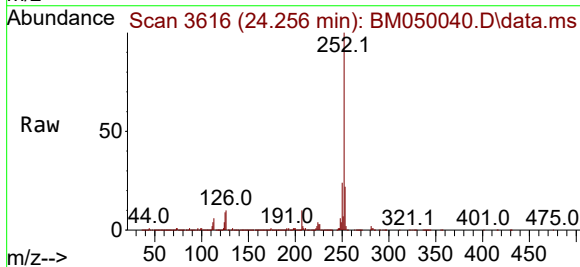
Tgt Ion:252 Resp: 2860922

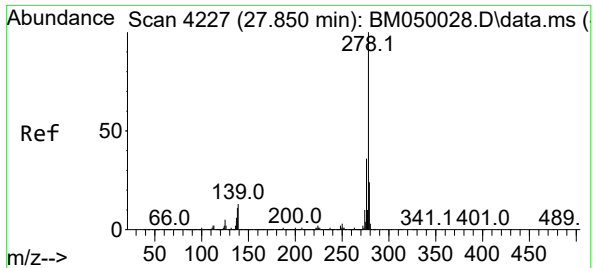
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.6 6.6 9.8

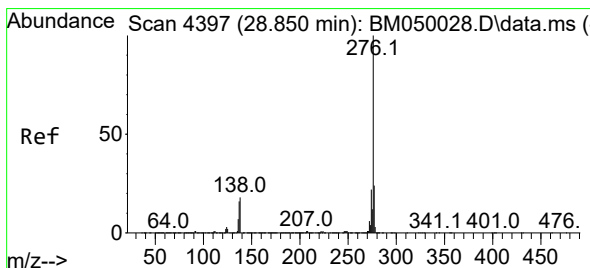
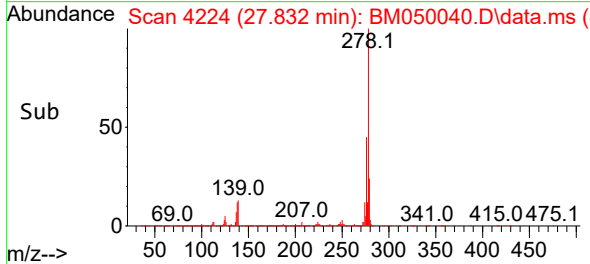
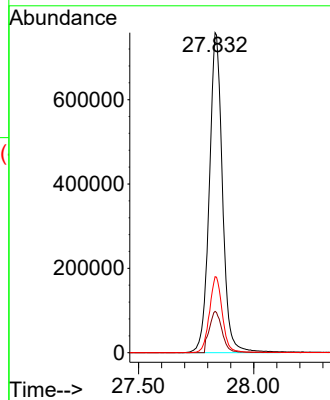
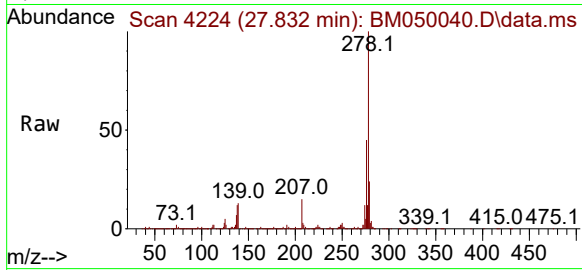




#91
Dibenzo(a,h)anthracene
Concen: 47.076 ng
RT: 27.832 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

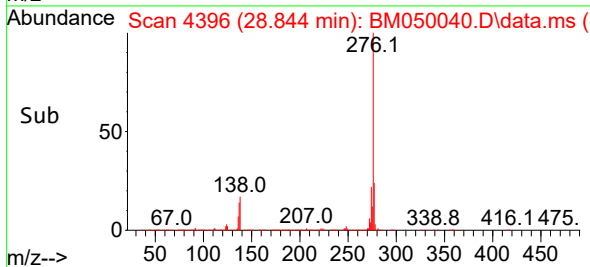
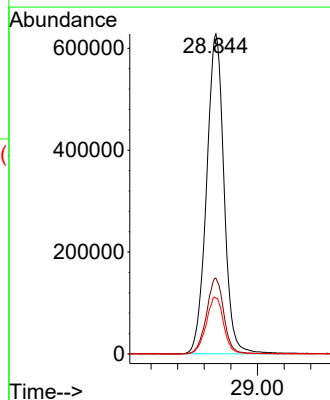
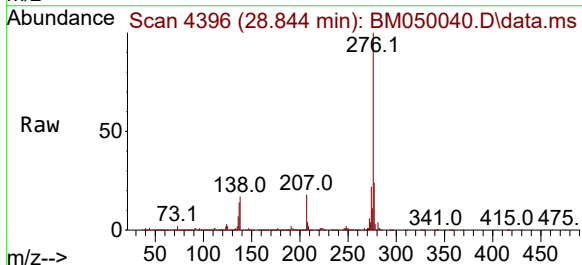
Instrument :
BNA_M
ClientSampleId :
PB167729BS

Tgt Ion:278 Resp: 3013923
Ion Ratio Lower Upper
278 100
139 12.9 10.5 15.7
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 46.543 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.006 min
Lab File: BM050040.D
Acq: 29 Apr 2025 12:58

Tgt Ion:276 Resp: 2852758
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.4 14.3 21.5



Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BM042925

Instrument

BNA_m

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM042925

Review By	Rahul	Review On	4/30/2025 11:38:15 AM		
Supervise By	Jagrut	Supervise On	4/30/2025 12:40:09 PM		
SubDirectory	BM042925	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050034.D	29 Apr 2025 08:34	RC/JU	Ok
2	SSTDCCC040	BM050035.D	29 Apr 2025 09:13	RC/JU	Ok
3	PB167729BL	BM050036.D	29 Apr 2025 09:52	RC/JU	Ok
4	Q1502-06DL	BM050037.D	29 Apr 2025 11:00	RC/JU	Ok
5	Q1870-03	BM050038.D	29 Apr 2025 11:39	RC/JU	Ok
6	Q1870-03DL	BM050039.D	29 Apr 2025 12:19	RC/JU	Not Ok
7	PB167729BS	BM050040.D	29 Apr 2025 12:58	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM
SubDirectory	BM042825	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-7 7 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM042925

Review By	Rahul	Review On	4/30/2025 11:38:15 AM
Supervise By	Jagrut	Supervise On	4/30/2025 12:40:09 PM
SubDirectory	BM042925	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050034.D	29 Apr 2025 08:34		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050035.D	29 Apr 2025 09:13		RC/JU	Ok
3	PB167729BL	PB167729BL	BM050036.D	29 Apr 2025 09:52		RC/JU	Ok
4	Q1502-06DL	PT-ACIDS-WPDL	BM050037.D	29 Apr 2025 11:00		RC/JU	Ok
5	Q1870-03	38073-100124	BM050038.D	29 Apr 2025 11:39	PT Sample	RC/JU	Ok
6	Q1870-03DL	38073-100124DL	BM050039.D	29 Apr 2025 12:19	Not Required (As 2,4-Dimethylphenol only is to be reported)	RC/JU	Not Ok
7	PB167729BS	PB167729BS	BM050040.D	29 Apr 2025 12:58		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A **Extraction Start Date :** 04/24/2025

Matrix : Water **Extraction Start Time :** 12:05

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 04/24/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 17:00

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
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	E3926
Baked Na2SO4	N/A	EP2604
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
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
4/24/25	RS (EX-Lab)	JY SVOC
17:05	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167729BL	SBLK729	SVOCMS Group2	1000	6	RUPESH	ritesh	1			SEP-4
PB167729BS	SLCS729	SVOCMS Group2	1000	6	RUPESH	ritesh	1			5
Q1870-03	38073-100124	SVOCMS Group2	1000	6	RUPESH	ritesh	1			6

[Large handwritten signature]

RS
4/24

169827 62
12:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1870 WorkList ID : 189128 Department : Extraction Date : 04-24-2025 12:02:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1870-01	38072-010925	Water	SVOCMS Group5	Cool 4 deg C	ALLI03	QA OI	04/21/2025	8270-Modified
Q1870-03	38073-100124	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA OI	04/22/2025	8270E

Date/Time 4/24/25 12:03
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: SJ (QA)

Date/Time NA
Raw Sample Received by: N/A
Raw Sample Relinquished by: N/A

Prep Standard - Chemical Standard Summary

Order ID : Q1870
Test : SVOCMS Group2
Prepbatch ID : PB167729,
Sequence ID/Qc Batch ID: BM042925,

Standard ID :
EP2559,EP2604,EP2865,SP6721,SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729,SP6752,SP6754,SP6757,SP6769,SP6770,

Chemical ID :
10ul/1000ul
sample,E3551,E3657,E3874,E3876,E3902,E3904,E3926,S10104,S10397,S10584,S11087,S11143,S11161,S11487,S11495,S11650,S11785,S11786,S11787,S11788,S12114,S12190,S12191,S12192,S12193,S12194,S12195,S12209,S12210,S12211,S12212,S12213,S12214,S12215,S12216,S12270,S12276,S12478,S12479,S12480,S12481,S12482,S12483,S12484,S12485,S12486,S12525,S12526,S12527,S12528,S12529,S12530,S12531,S12532,S12533,S12534,S12577,S12649,S12658,S12661,S12791,S12966,S12967,S12968,S12969,S12970,S12971,S12972,S12973,S12974,W 3112,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1874	10 N SODIUM HYDROXIDE SOLN	EP2559	11/14/2024	05/14/2025	Rajesh Parikh	Extraction_SC ALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 11/14/2024
<u>FROM</u>	1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2604	04/16/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/16/2025
<u>FROM</u> 4000.00000gram of E3551 = Final Quantity: 4000.000 gram								

[illegible]

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
413	80 ng BNA ICC, 80 PPM	SP6722	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel 02/07/2025
<u>FROM</u>	0.01000ml of S12649 + 0.20000ml of E3874 + 0.80000ml of SP6721 = Final Quantity: 1.010 ml							

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
412	60 ng BNA ICC, 60 PPM	SP6723	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.40000ml of E3874 + 0.60000ml of SP6721 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
411	50 ng BNA ICC, 50 PPM	SP6724	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6721 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
410	40 ng BNA ICC, 40 PPM	SP6725	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.60000ml of E3874 + 0.40000ml of SP6721 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3678	20 ng BNA ICC, 20 PPM	SP6726	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.80000ml of E3874 + 0.20000ml of SP6721 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
408	10 ng BNA ICC, 10 PPM	SP6727	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.90000ml of E3874 + 0.10000ml of SP6721 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
407	5 ng BNA ICC, 5 PPM	SP6728	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.95000ml of E3874 + 0.05000ml of SP6721 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
175	2.5 ng BNA ICC, 2.5 PPM	SP6729	01/30/2025	05/12/2025	Jagrut Upadhyay	None	None	Shreena Patel
								02/07/2025

FROM 0.01000ml of S12649 + 0.50000ml of E3874 + 0.50000ml of SP6728 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6752	03/10/2025	05/31/2025	Rahul Chavli	None	None	Jagrut Upadhyay
								04/03/2025

FROM 0.10000ml of S12478 + 0.30000ml of S12525 + 0.40000ml of S10397 + 0.40000ml of S10584 + 0.40000ml of S11143 + 0.40000ml of S11487 + 0.40000ml of S11650 + 0.40000ml of S12533 + 0.40000ml of S12974 + 0.60000ml of S12486 + 0.80000ml of S12966 + 1.10000ml of S11788 + 1.20000ml of S11785 + 1.20000ml of S12483 + 1.20000ml of S12526 + 1.20000ml of S12967 + 1.20000ml of S12968 + 1.20000ml of S12970 + 1.20000ml of S12972 + 1.30000ml of S11786 + 1.30000ml of S12481 + 1.30000ml of S12482 + 1.30000ml of S12484 + 1.30000ml of S12528 + 1.30000ml of S12529 + 1.30000ml of S12531 + 1.30000ml of S12969 + 1.30000ml of S12973 + 1.40000ml of S11787 + 1.40000ml of S12479 + 1.40000ml of S12480 + 1.40000ml of S12485 + 1.40000ml of S12527 + 1.40000ml of S12530 + 1.40000ml of S12532 + 1.40000ml of S12971 + 163.00000ml of E3876 = Final Quantity: 200.000 ml



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

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Fax : 908 789 8922

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



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
18	Second Source Calibration Stock Standard, 100 PPM,	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani
(8270/625/CLP) 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025
<u>FROM</u>	0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = Final Quantity: 1.010 ml							

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	07/30/2025	01/30/2025 / Rajesh	01/20/2025 / Rajesh	E3874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 / Rajesh	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 / RUPESH	12/27/2024 / RUPESH	E3904

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0185300	05/31/2025	01/29/2025 / anahy	05/18/2022 / Christian	S10397

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	07/30/2025	01/30/2025 / anahy	02/07/2023 / Christian	S11087

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0194702	07/29/2025	01/29/2025 / anahy	02/20/2023 / Christian	S11143

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	01/30/2025 / anahy	03/06/2023 / Christian	S11161

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	05/12/2025	11/12/2024 / Jagrut	08/11/2023 / Yogesh	S11495

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11785

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11786

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11787

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	05/12/2025	11/12/2024 / Jagrut	03/08/2024 / Rahul	S12114

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml, methanol, 5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12190

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml, methanol, 5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12191

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml, methanol, 5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12192

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12193

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12194

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12210

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12211

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12212

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12213

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12215

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	07/30/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12270

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90	495833	05/12/2025	11/12/2024 / Jagrut	05/24/2024 / Rahul	S12276

Days)

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12478

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12479

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12480

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12481

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12482

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12483

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12484

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12485

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12525

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12526

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12527

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12528

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12529

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12530

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12531

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12532

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12533

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH ₂ Cl ₂ , 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0212266	07/21/2025	01/21/2025 / anahy	09/20/2024 / anahy	S12649

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0212266	10/25/2025	04/25/2025 / Rahul	09/20/2024 / anahy	S12661

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	01/30/2025 / anahy	05/24/2024 / Rahul	S12791

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12966

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12967

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12968

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12969

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12970

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

Received on
02/07/23
by
CG
S11084
to
S11088

*Not a certified value

Certified By: _____

Jacob Mulloy
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____

Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.: Lot No.: **Storage:** **Solvent:** **Exp. Date:** **Description:**
Z-112090 440246 $\leq -10^{\circ}\text{C}$ Methylene Chloride 2/16/2026 CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL
-04

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d ₄	93951-73-6	99.3	248.12.7P	7487 $\pm$ 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 $\pm$ 17.26
phenol-d ₆	13127-88-3	99.9	949.120.8P	7481 $\pm$ 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 $\pm$ 17.17

Received on

02/25/21

by
CG

S9236
to

S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Erica Castiglione

Certified By:

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Gravimetric Certificate



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 Lot No.: A0185300
Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : May 31, 2025 Storage: 10°C or colder
Ship: Ambient

Received by
CG on
05/18/22
S10393
+0
S10402

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	4-Nitrophenol	25,060.0 µg/mL	+/- 231.9100 µg/mL Gravimetric
	CAS # 100-02-7		+/- 753.2622 µg/mL Unstressed
	Purity 99%		+/- 905.6020 µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinnis - Operations Tech I

Date Mixed: 16-May-2022 Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Gravimetric Certificate



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by
CG
on
07/05/22
S 10583
to
S 10592

Catalog No.: 555868 Lot No.: A0186373
Description: Custom Benzidine Standard
Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: June 30, 2025 Storage: 10°C or colder
Handling: Contains carcinogen/reproductive toxin. Ship: Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL Unstressed
	Purity 99%		+/- 512.6054 µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckal - Mix Technician

Date Mixed: 16-Jun-2022 Balance: 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0194702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Dan F. Brown

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023

Balance: B442140311

Manufactured under Restek
Registered Quality
Certificate #FM1

ified Reference Material Notes

es:

n date valid for unopened ampul stored in compliance with the recommended conditions.
ty, concentration, and expiration of the CRM are based on the unopened product being stored according to the
ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD,
LC/MS, RI, and/or melting point.
nds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A
n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the
mpound in solution.
isomeric compounds is reported as the sum of the isomers.
ues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded
ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability
ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

age factor of 2, which gives a level of confidence of approximately 95%.
ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure
nimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily
traceable weights, and/or dilutions with Class A glassware.

;
the unopened product, when stored in compliance with the recommended conditions, is guaranteed through
ion displayed on the product label and certificate. Contact Restek for additional opened product stability
i, with the knowledge/understanding that open product stability is subject to the specific handling and
ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with
ards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom
m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861,
des complete instructions.
solved material is visible inside the ampul, sonicate the unopened ampul until the material is completely



**PRODUCTOS
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www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3



Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

Pellets

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	$\leq 0.005 \%$	$< 0.005 \%$	PASS
Chloride	$\leq 0.005 \%$	0.002 %	PASS
Heavy Metals	$\leq 0.002 \%$	$< 0.002 \%$	PASS
Iron	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Magnesium	$\leq 0.002 \%$	$< 0.002 \%$	PASS
Mercury	$\leq 0.1 \text{ ppm}$	$< 0.1 \text{ ppm}$	PASS
Nickel	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Nitrogen Compounds	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Phosphate	$\leq 0.001 \%$	$< 0.001 \%$	PASS
Potassium	$\leq 0.02 \%$	$< 0.02 \%$	PASS
Purity	$\geq 97.0 \%$	99.2 %	PASS
Sodium Carbonate	$\leq 1.0 \%$	0.5 %	PASS
Sulfate	$\leq 0.003 \%$	$< 0.003 \%$	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

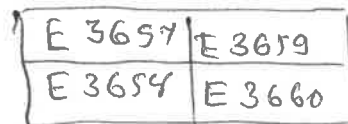
This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.



Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date: 2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	99.9%
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.8 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3874

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3902

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor



Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date: 2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	99.9%
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.8 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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110 Benner Circle
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard
Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

51148h
↓
511493
Y.P.
08/10/28

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%


Tom Suckal - Mix Technician

Date Mixed: 02-Aug-2023

Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d ₄	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 } Y.P.
↓
511498 } 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0201728

Description : Custom Pentachlorophenol Standard
Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2026 **Storage:** 10°C or colder

Ship: Ambient

511649
↓
511658 } Y.P.
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023

Balance: B251644995

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749
↓
S11794 } RC / 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

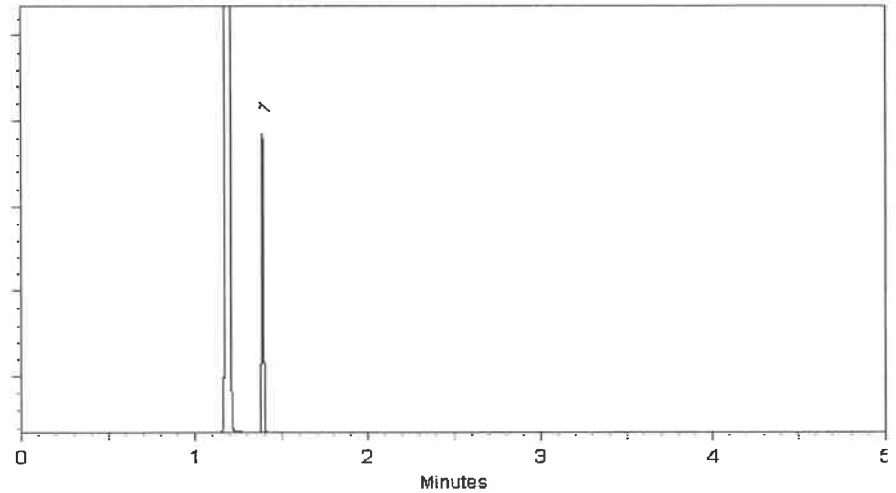
FID

Split Vent:

100 mL/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓ } 03/18/24
512206 }

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

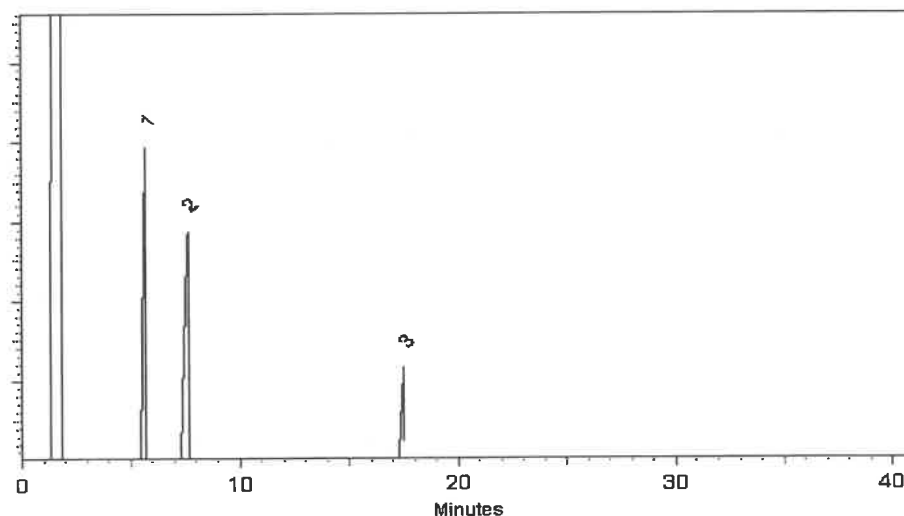
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope S. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : December 31, 2029 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

S12207 } RC/
↓
S12221 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-S (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

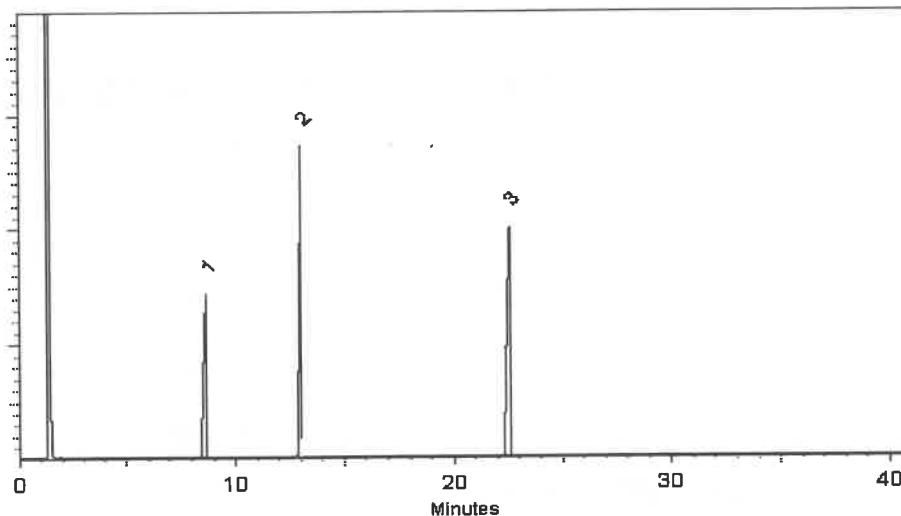
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 4

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

*Not a certified value

512270 } RC/
↓
512274 } 05/24/24

Kerry Kane

Certified By: _____

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.

Certificate of Analysis

Page 2 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Kerry Kane

Certified By:

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

Certificate of Analysis

Page 3 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Kerry Kane

Certified By:

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

Certificate of Analysis

Page 4 of 4

Catalog No.: Z-110381-01

Lot No.: 520963

Expiration Date: 10/10/2028

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value



Certified By: _____

Kerry Kane
Chemist

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Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



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Santa Rosa, CA 95403

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Date Received: _____

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Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

512275 } RC/
↓
512279 } 05/24/24

*Not a certified value

Certified By: _____

S. Hunter

Scott Hunter
Chemist

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Concentration (correct for purity) and uncertainty (95% confidence) values
listed are determined gravimetrically.



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Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
↓
S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024

Balance: 1128353505

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24


Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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chromatographic plus



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645
↓
S12674 } AC
10/1/24



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Date Received: _____

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Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

~~512280~~ } RCL
↓
~~512284~~ } 05/24/24

New Numbers Generated.

512790 } RCL
↓
512794 } 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____

Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



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chromatographic plus



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963
↓
S12992 } AC
12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCKK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCKK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCKK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



SHIPPING DOCUMENTS

SHIP TO:

Attn: **Sohil Jodhani**
Alliance Technical Group NJ
284 Sheffield St.

Mountainside, NJ 07092 -

Purchase Order # .
Packing Order #: 246634

Received by: SJ

4/23/25

12:00

Order #: **246634**

Order Date: 4/21/2025

Order Time: 9:46:18 AM

Your Account #: **3552**

Sales Person: Chris Dippold

Inspected By: **Chris Dippold**

<u>PART #</u>	<u>LOT #</u>	<u>DESCRIPTION</u>	<u>Unit Size</u>	<u>QTY</u>
		Quick Turn Around		
38072	010925	PT Semi-Volatiles in Non-Potable Water - CLP - FEDEX# 2356-9742-4	2 mL	1

Ship Via: Ground Collect

THIS IS NOT AN INVOICE, TERMS: NET 30 DAYS, FOB HAMDEN, CT



ISO 9001 Registered • ANAB Accredited



SHIP TO:

Attn: **Sohil Jodhani**Alliance Technical Group NJ
284 Sheffield St.

Mountainside, NJ 07092 -

Purchase Order # **PO2-2004**

Packing Order #: 246699

Order #: **246699**

Order Date: 4/22/2025

Order Time: 2:38:14 PM

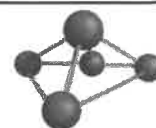
Your Account #: **3552**Sales Person: **Chris Dippold**Inspected By: **Chris Dippold***Received by SJ
4/24/25
12:00*

<u>PART #</u>	<u>LOT #</u>	<u>DESCRIPTION</u>	<u>Unit Size</u>	<u>QTY</u>
		Quick Turn Around		
38073	100124	PT Semi-Volatiles in Non-Potable Water - CLP - FEDEX# 2356-9742-4	2 mL	1

Ship Via: Ground Collect

THIS IS NOT AN INVOICE, TERMS: NET 30 DAYS, FOB HAMDEN, CT

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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