

Cover Page

Order ID : Q2579

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

Client : ENTACT

Lab Sample Number

Q2579-01
Q2579-02
Q2579-03
Q2579-04
Q2579-05
Q2579-06
Q2579-07
Q2579-08

Client Sample Number

WC-A2-13-G
WC-A2-13-C
WC-A2-13-C
WC-A2-13-C
WC-A2-14-G
WC-A2-14-C
WC-A2-14-C
WC-A2-14-C

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: 7/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2579

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 Castody

✓

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: KETAN PATEL

Date: 07/18/2025

LAB CHRONICLE

OrderID:	Q2579	OrderDate:	7/10/2025 3:31:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2579-03	WC-A2-13-C	TCLP	TCLP BNA	8270E	07/10/25	07/14/25	07/15/25	07/10/25
Q2579-07	WC-A2-14-C	TCLP	TCLP BNA	8270E	07/10/25	07/14/25	07/15/25	07/10/25



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Hit Summary Sheet
SW-846

SDG No.: Q2579
Client: ENTACT

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2579

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168803TB	PB168803TB	2-Fluorophenol	150	130	87		15 (23)	110 (138)
		Phenol-d6	150	127	85		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.7	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	79.5	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	149	99		15 (44)	110 (137)
		Terphenyl-d14	100	85.8	86		30 (42)	130 (152)
PB168845BL	PB168845BL	2-Fluorophenol	150	130	87		15 (23)	110 (138)
		Phenol-d6	150	126	84		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.4	78		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.7	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	141	94		15 (44)	110 (137)
		Terphenyl-d14	100	85.4	85		30 (42)	130 (152)
PB168845BS	PB168845BS	2-Fluorophenol	150	130	87		15 (23)	110 (138)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.6	78		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.1	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	149	99		15 (44)	110 (137)
		Terphenyl-d14	100	80.3	80		30 (42)	130 (152)
Q2571-04MS	TP-18MS	2-Fluorophenol	150	106	71		15 (23)	110 (138)
		Phenol-d6	150	102	68		15 (10)	110 (134)
		Nitrobenzene-d5	100	68.5	68		30 (67)	130 (132)
		2-Fluorobiphenyl	100	65.8	66		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	140	93		15 (44)	110 (137)
		Terphenyl-d14	100	71.5	72		30 (42)	130 (152)
Q2571-04MSD	TP-18MSD	2-Fluorophenol	150	110	73		15 (23)	110 (138)
		Phenol-d6	150	106	70		15 (10)	110 (134)
		Nitrobenzene-d5	100	70.1	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	66.6	67		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	142	95		15 (44)	110 (137)
		Terphenyl-d14	100	72.9	73		30 (42)	130 (152)
Q2579-03	WC-A2-13-C	2-Fluorophenol	150	129	86		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	85.6	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	82.3	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	104		15 (44)	110 (137)
		Terphenyl-d14	100	87.0	87		30 (42)	130 (152)
Q2579-07	WC-A2-14-C	2-Fluorophenol	150	134	89		15 (23)	110 (138)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.2	88		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.8	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	168	112	*	15 (44)	110 (137)
		Terphenyl-d14	100	91.2	91		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2579

Analytical Method: SW8270E

Client: ENTACT

DataFile: BM050455.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2571-04MS		Client Sample ID: TP-18MS									
Pyridine	500	0	280	ug/L	56				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	330	ug/L	66	*			70 (55)	130 (125)	
2-Methylphenol	500	0	390	ug/L	78				70 (60)	130 (131)	
3+4-Methylphenols	500	0	400	ug/L	80				20 (54)	160 (136)	
Hexachloroethane	500	0	320	ug/L	64				20 (19)	160 (146)	
Nitrobenzene	500	0	370	ug/L	74				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	370	ug/L	74				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	460	ug/L	92				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	460	ug/L	92				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	440	ug/L	88				70 (74)	130 (137)	
Hexachlorobenzene	500	0	430	ug/L	86				70 (72)	130 (115)	
Pentachlorophenol	1000	0	980	ug/L	98				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2579

Analytical Method: SW8270E

Client: ENTACT

DataFile: BM050456.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2571-04MSD	Client Sample ID:	TP-18MSD								
Pyridine	500	0	290	ug/L	58		4		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	340	ug/L	68	*	3		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	410	ug/L	82		5		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	420	ug/L	84		5		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	330	ug/L	66		3		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	380	ug/L	76		3		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	370	ug/L	74		0		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	460	ug/L	92		0		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	470	ug/L	94		2		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	450	ug/L	90		2		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	440	ug/L	88		2		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1000	ug/L	100		2		20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q2579</u>	Analytical Method: <u>8270E</u>
Client: <u>ENTACT</u>	DataFile: <u>BM050449.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168845BS	Pyridine	50	38.9	ug/L	78				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	42.5	ug/L	85				70 (76)	130 (103)	
	2-Methylphenol	50	45.2	ug/L	90				70 (69)	130 (109)	
	3+4-Methylphenols	50	44.9	ug/L	90				20 (67)	160 (106)	
	Hexachloroethane	50	42.4	ug/L	85				20 (76)	160 (118)	
	Nitrobenzene	50	44.3	ug/L	89				70 (58)	130 (106)	
	Hexachlorobutadiene	50	44.1	ug/L	88				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	48.9	ug/L	98				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	49.1	ug/L	98				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	46.3	ug/L	93				70 (60)	130 (115)	
	Hexachlorobenzene	50	47.4	ug/L	95				70 (73)	130 (106)	
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168845BL

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG NO.: Q2579

Lab File ID: BM050448.D

Lab Sample ID: PB168845BL

Instrument ID: BNA_M

Date Extracted: 07/14/2025

Matrix: (soil/water) water

Date Analyzed: 07/15/2025

Level: (low/med) LOW

Time Analyzed: 10:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168845BS	PB168845BS	BM050449.D	07/15/2025
TP-18MS	Q2571-04MS	BM050455.D	07/15/2025
TP-18MSD	Q2571-04MSD	BM050456.D	07/15/2025
WC-A2-13-C	Q2579-03	BM050461.D	07/15/2025
WC-A2-14-C	Q2579-07	BM050462.D	07/15/2025
PB168803TB	PB168803TB	BM050450.D	07/15/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BM050376.D
Instrument ID: BNA_M

Contract: ENTA05
SDG NO.: Q2579
DFTPP Injection Date: 07/08/2025
DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	12.9 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050377.D	07/08/2025	12:39
SSTDICC005	SSTDICC005	BM050378.D	07/08/2025	13:19
SSTDICC010	SSTDICC010	BM050379.D	07/08/2025	14:00
SSTDICC020	SSTDICC020	BM050380.D	07/08/2025	14:40
SSTDICCC040	SSTDICCC040	BM050381.D	07/08/2025	15:20
SSTDICC050	SSTDICC050	BM050382.D	07/08/2025	16:01
SSTDICC060	SSTDICC060	BM050383.D	07/08/2025	16:41
SSTDICC080	SSTDICC080	BM050384.D	07/08/2025	17:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BM050446.D
Instrument ID: BNA_M

Contract: ENTA05
SDG NO.: Q2579
DFTPP Injection Date: 07/15/2025
DFTPP Injection Time: 08:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	79.5
443	15.0 - 24.0% of mass 442	15.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050447.D	07/15/2025	09:30
PB168845BL	PB168845BL	BM050448.D	07/15/2025	10:10
PB168845BS	PB168845BS	BM050449.D	07/15/2025	10:50
PB168803TB	PB168803TB	BM050450.D	07/15/2025	11:30
TP-18MS	Q2571-04MS	BM050455.D	07/15/2025	14:51
TP-18MSD	Q2571-04MSD	BM050456.D	07/15/2025	15:31
WC-A2-13-C	Q2579-03	BM050461.D	07/15/2025	18:51
WC-A2-14-C	Q2579-07	BM050462.D	07/15/2025	19:31

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2579

Client ID : SSTDCCC040

Date Analyzed: 07/15/2025

Lab File ID: BM050447.D

Time Analyzed: 09:30

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	505050	7.857	1936270	10.66	1270220	14.49
UPPER LIMIT	1010100	8.357	3872540	11.157	2540440	14.986
LOWER LIMIT	252525	7.357	968135	10.157	635110	13.986
EPA SAMPLE NO.						
01 PB168845BL	523100	7.86	1859190	10.65	1153910	14.48
02 PB168845BS	519871	7.86	1924110	10.65	1201060	14.49
03 PB168803TB	501643	7.86	1780220	10.65	1111820	14.48
04 TP-18MS	572400	7.86	2135170	10.65	1406720	14.49
05 TP-18MSD	557347	7.86	2114220	10.65	1418620	14.49
06 WC-A2-13-C	509697	7.86	1822440	10.65	1185090	14.48
07 WC-A2-14-C	490534	7.86	1731970	10.65	1104770	14.48

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: Alliance

Lab Code: ACE

SDG NO.: Q2579

Client ID: SSTDCCC040

Date Analyzed: 07/15/2025

Lab File ID: BM050447.D

Time Analyzed: 09:30

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	2544950	17.216	2847960	21.439	2980890	24.462
UPPER LIMIT	5089900	17.716	5695920	21.939	5961780	24.962
LOWER LIMIT	1272480	16.716	1423980	20.939	1490450	23.962
EPA SAMPLE NO.						
01 PB168845BL	2194020	17.22	2232960	21.43	2515740	24.47
02 PB168845BS	2288990	17.22	2517970	21.44	2659540	24.47
03 PB168803TB	2247050	17.22	2361650	21.44	2470160	24.46
04 TP-18MS	2803610	17.22	2966390	21.44	3224440	24.47
05 TP-18MSD	2807650	17.22	3021880	21.44	3215710	24.47
06 WC-A2-13-C	2353650	17.22	2415690	21.43	2549310	24.46
07 WC-A2-14-C	2272080	17.22	2341410	21.43	2438840	24.46

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	07/14/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/14/25	
Client Sample ID:	PB168803TB		SDG No.:	Q2579	
Lab Sample ID:	PB168803TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050450.D	1	07/14/25 10:40	07/15/25 11:30	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	127		15 (10) - 110 (134)	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.7		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	99%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	502000	7.857			
1146-65-2	Naphthalene-d8	1780000	10.651			
15067-26-2	Acenaphthene-d10	1110000	14.48			
1517-22-2	Phenanthrene-d10	2250000	17.215			
1719-03-5	Chrysene-d12	2360000	21.439			
1520-96-3	Perylene-d12	2470000	24.462			

Report of Analysis

Client:	ENTACT		Date Collected:	07/14/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/14/25	
Client Sample ID:	PB168803TB		SDG No.:	Q2579	
Lab Sample ID:	PB168803TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050450.D	1	07/14/25 10:40	07/15/25 11:30	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050450.D
Acq On : 15 Jul 2025 11:30
Operator : RC/JU
Sample : PB168803TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Quant Time: Jul 15 12:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	501643	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1780218	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1111817	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2247046	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2361654	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2470157	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3793999	130.186	ng	0.00
7) Phenol-d6	7.022	99	4664219	126.959	ng	0.00
23) Nitrobenzene-d5	9.010	82	2747456	78.738	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	2007845	148.634	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7159065	79.518	ng	-0.01
79) Terphenyl-d14	19.827	244	11514653	85.785	ng	-0.02

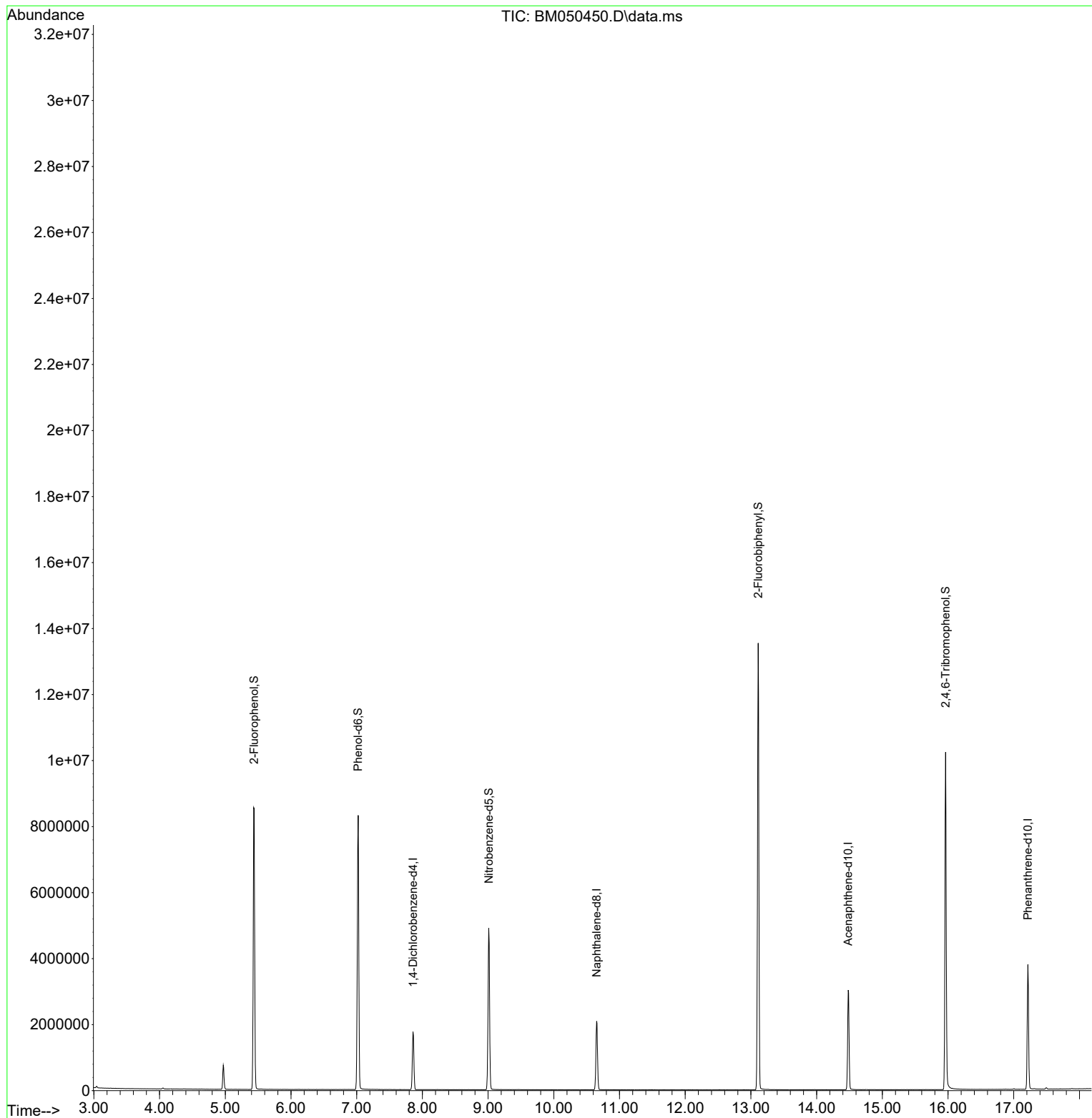
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050450.D
Acq On : 15 Jul 2025 11:30
Operator : RC/JU
Sample : PB168803TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168803TB

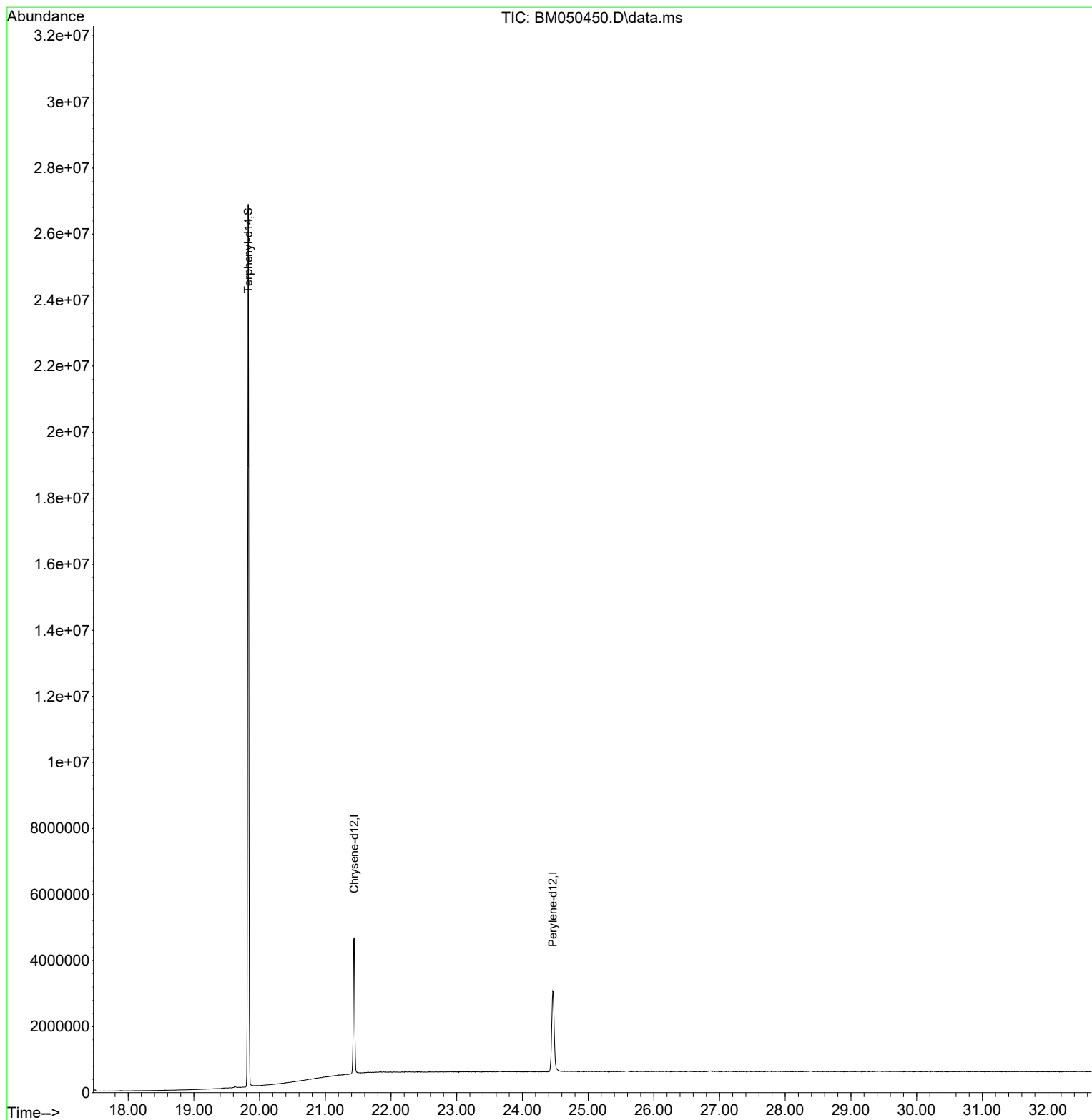
Quant Time: Jul 15 12:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

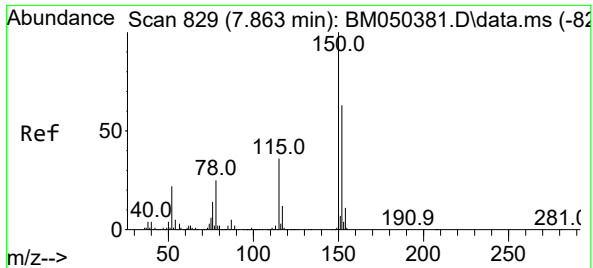


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050450.D
Acq On : 15 Jul 2025 11:30
Operator : RC/JU
Sample : PB168803TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168803TB

Quant Time: Jul 15 12:21:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

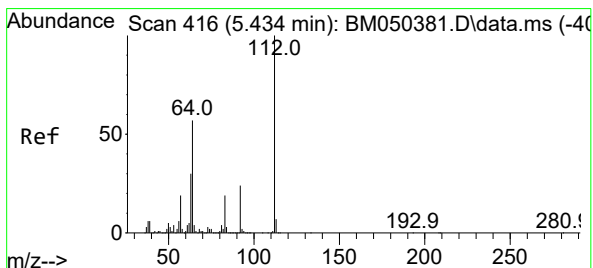
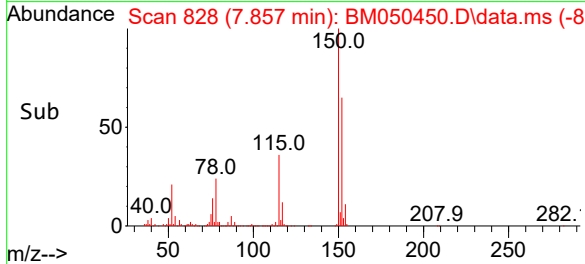
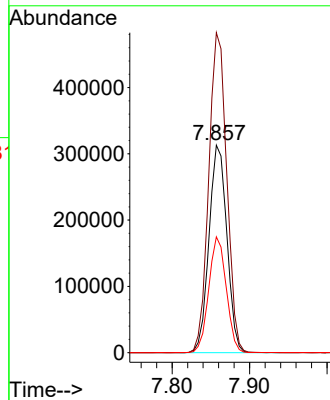
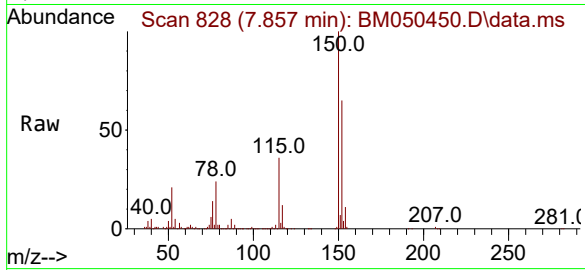




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

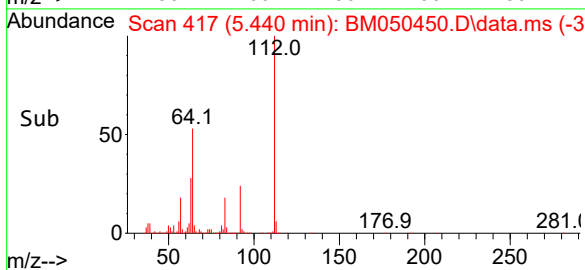
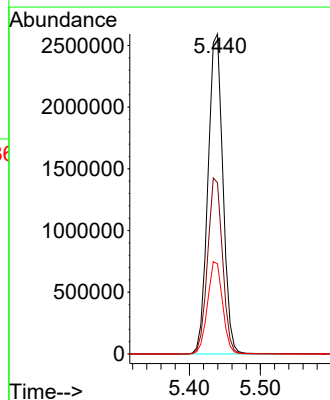
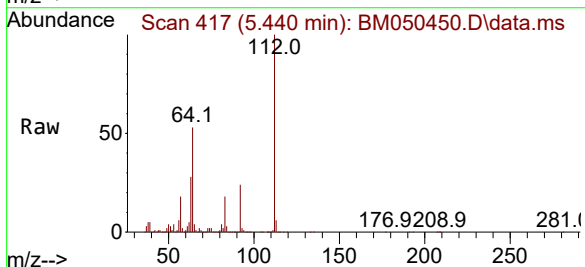
Instrument :
BNA_M
ClientSampleId :
PB168803TB

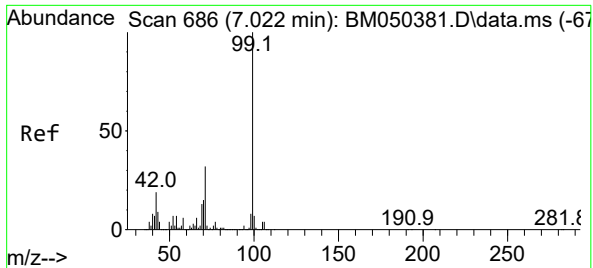
Tgt Ion:152 Resp: 501643
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.4
115 55.8 45.8 68.8



#5
2-Fluorophenol
Concen: 130.186 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:112 Resp: 3793999
Ion Ratio Lower Upper
112 100
64 53.5 45.5 68.3
63 28.2 24.2 36.4

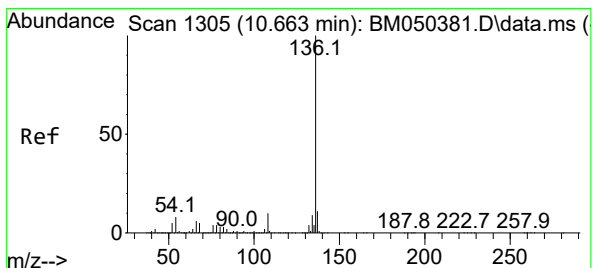
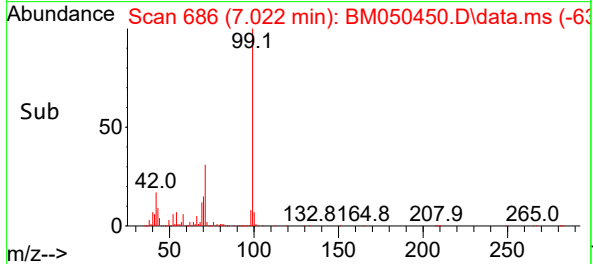
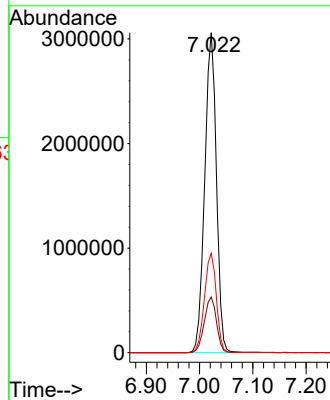
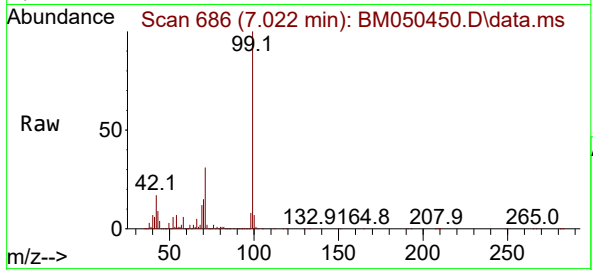




#7
Phenol-d6
Concen: 126.959 ng
RT: 7.022 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

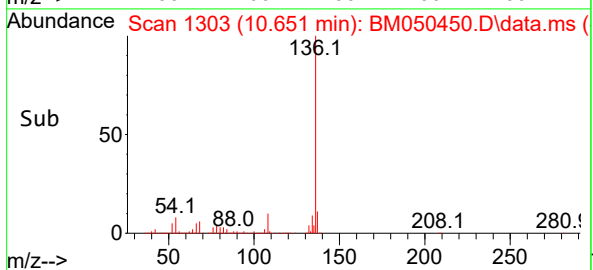
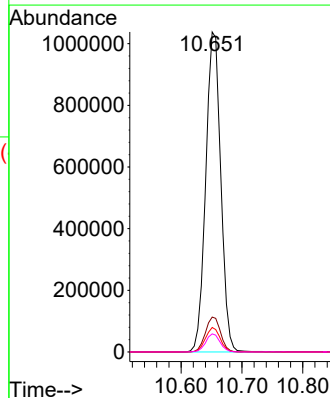
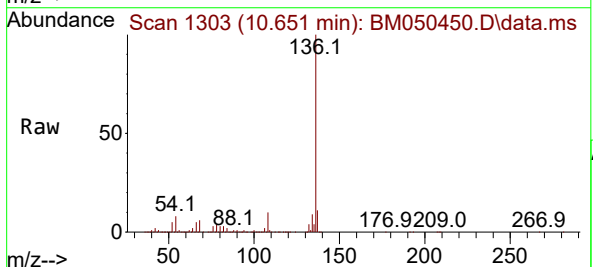
Instrument :
BNA_M
ClientSampleId :
PB168803TB

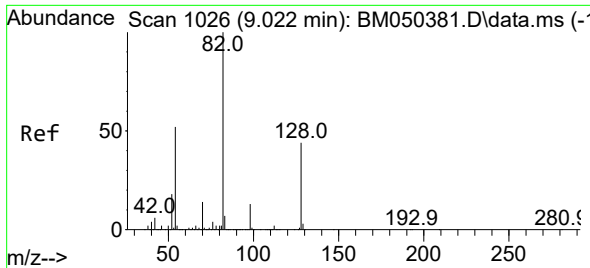
Tgt Ion: 99 Resp: 4664219
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 31.0 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion: 136 Resp: 1780218
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.3 9.5
68 5.7 4.2 6.2

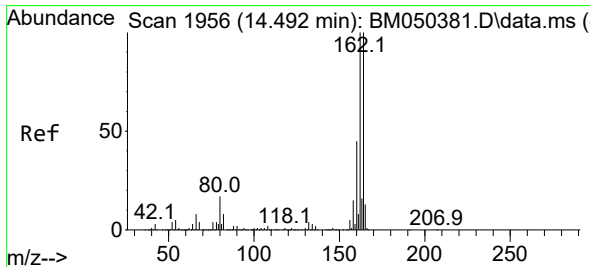
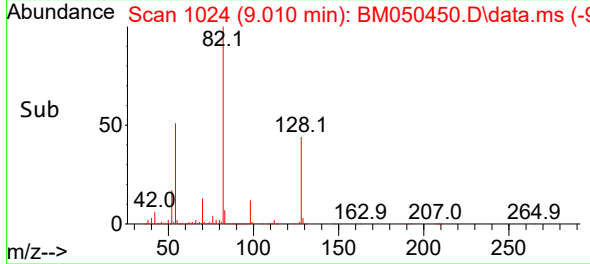
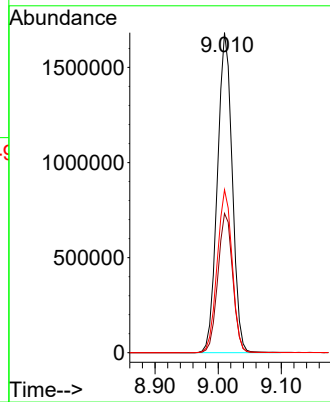
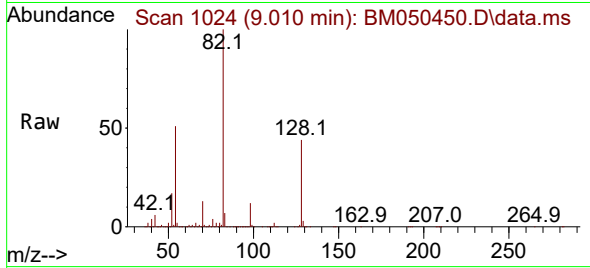




#23
Nitrobenzene-d5
Concen: 78.738 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

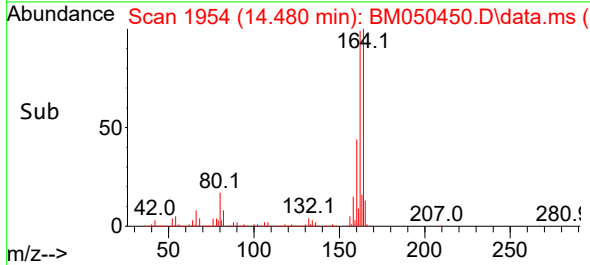
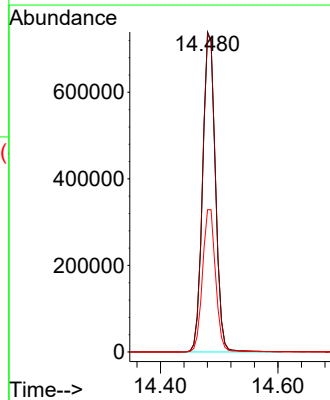
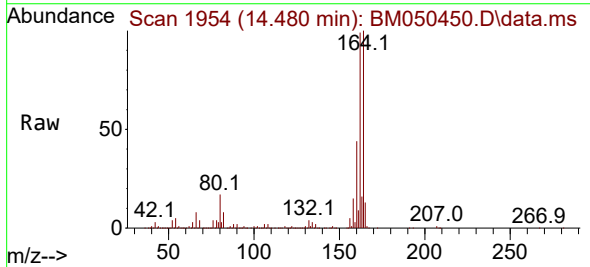
Instrument :
BNA_M
ClientSampleId :
PB168803TB

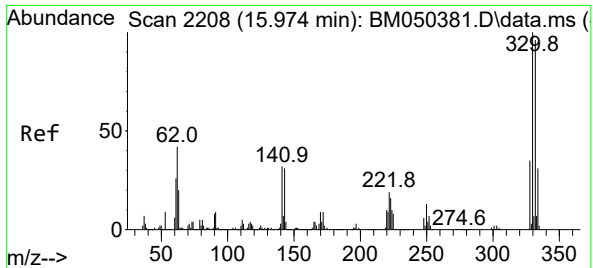
Tgt Ion: 82 Resp: 2747456
Ion Ratio Lower Upper
82 100
128 43.5 35.2 52.8
54 50.9 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion: 164 Resp: 1111817
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.5 36.2 54.4

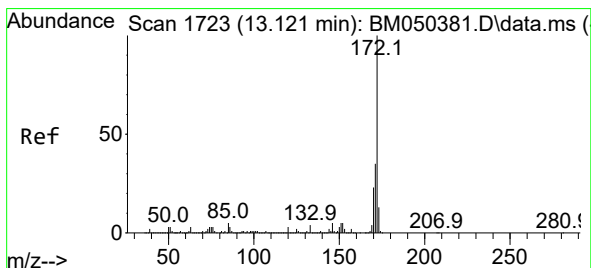
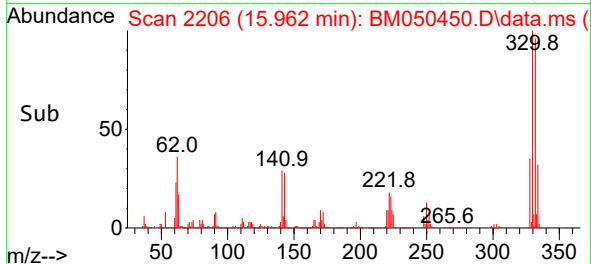
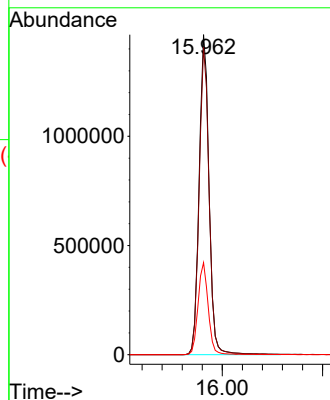
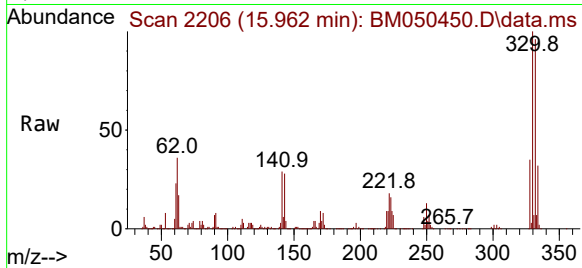




#42
2,4,6-Tribromophenol
Concen: 148.634 ng
RT: 15.962 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

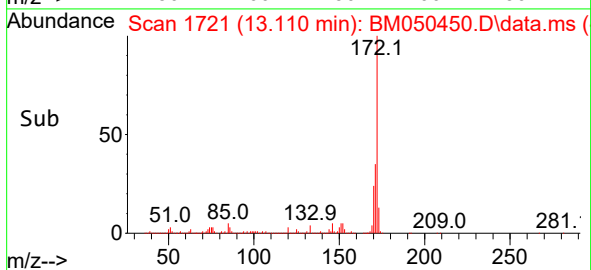
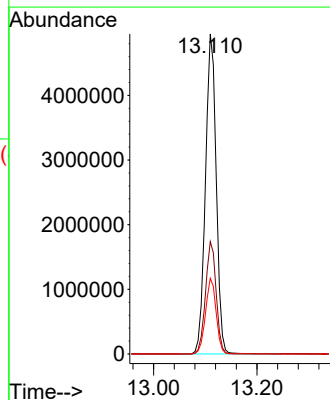
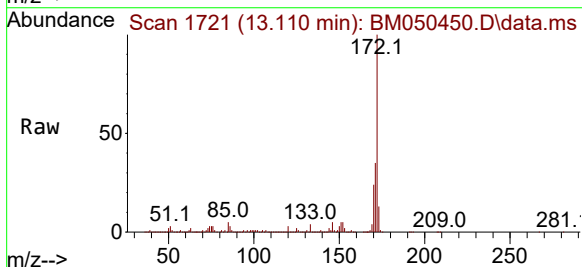
Instrument :
BNA_M
ClientSampleId :
PB168803TB

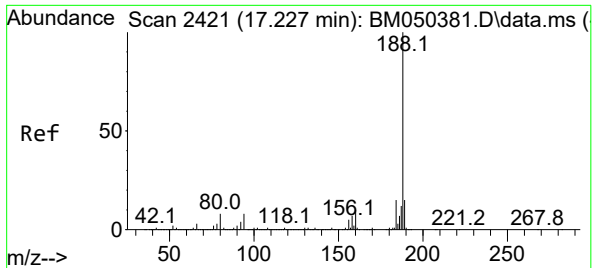
Tgt Ion:330 Resp: 2007845
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 29.4 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 79.518 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:172 Resp: 7159065
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.6 18.8 28.2

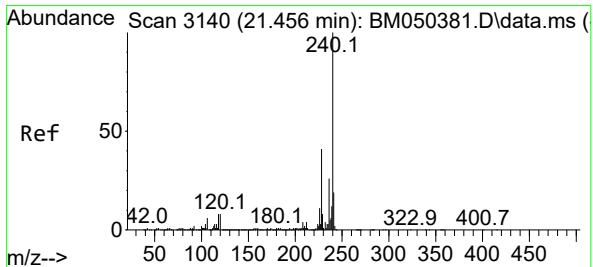
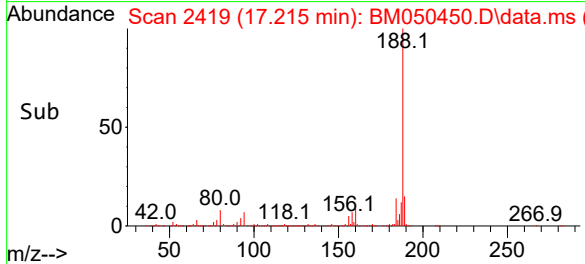
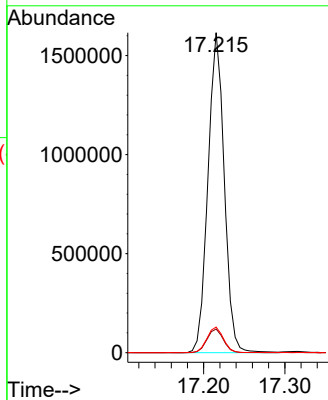
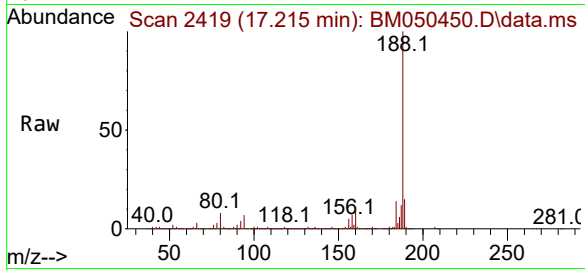




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

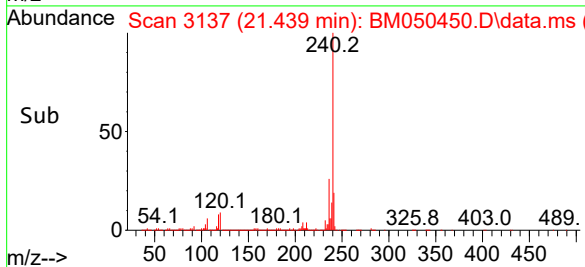
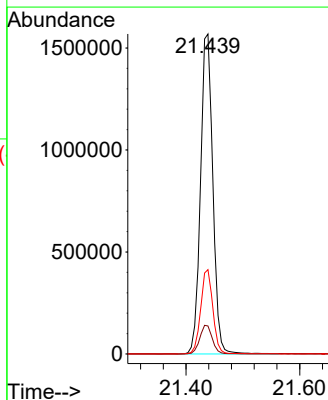
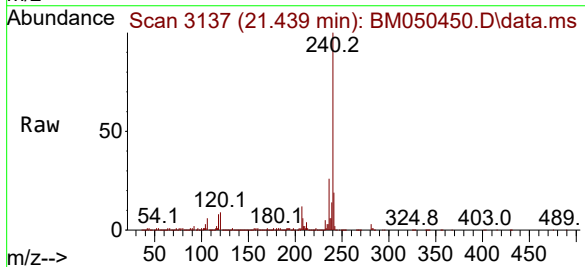
Instrument :
BNA_M
ClientSampleId :
PB168803TB

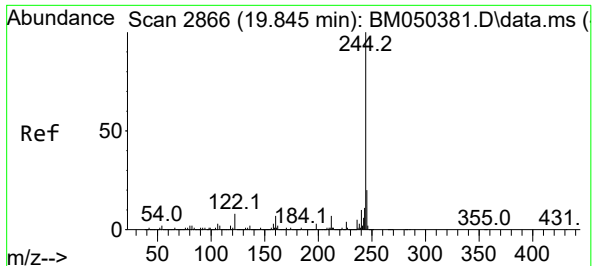
Tgt Ion:188 Resp: 2247046
Ion Ratio Lower Upper
188 100
94 7.4 6.0 9.0
80 8.0 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:240 Resp: 2361654
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.3 20.7 31.1

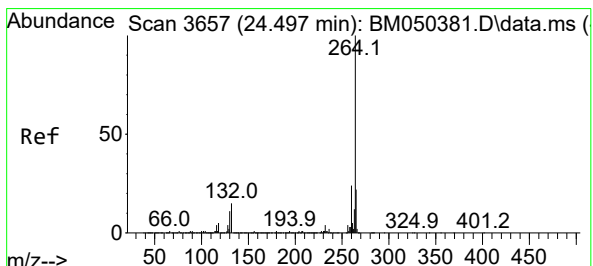
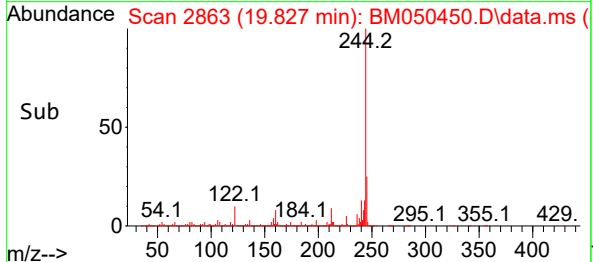
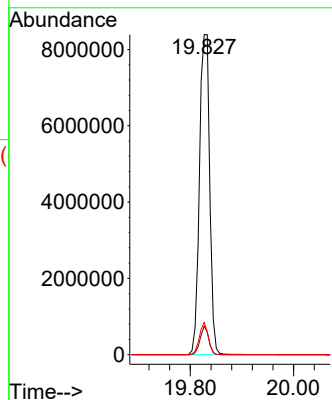
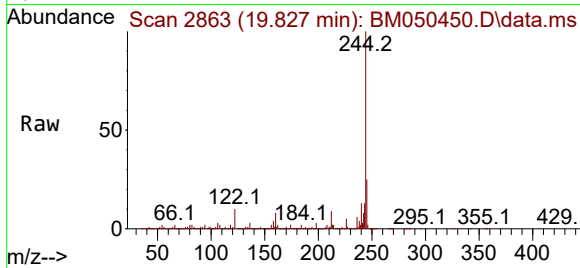




#79
Terphenyl-d14
Concen: 85.785 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

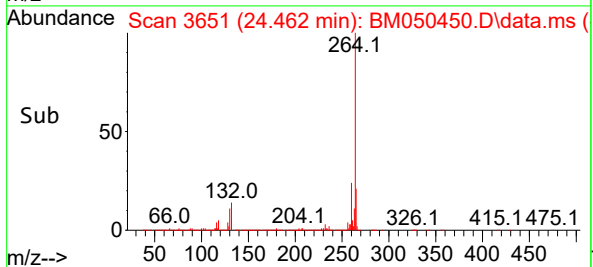
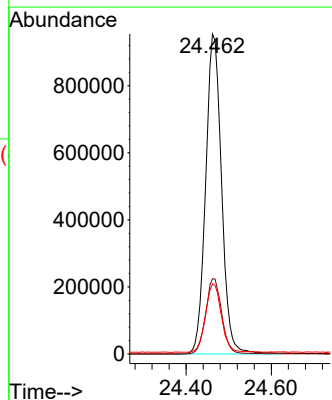
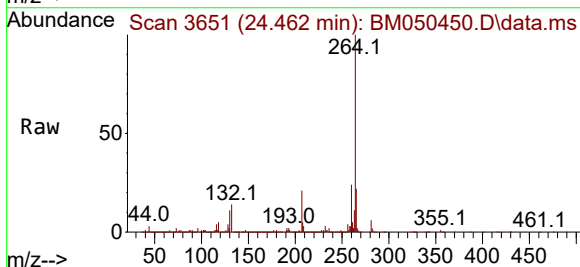
Instrument :
BNA_M
ClientSampleId :
PB168803TB

Tgt Ion:244 Resp:11514653
Ion Ratio Lower Upper
244 100
212 8.9 5.7 8.5#
122 10.0 6.2 9.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.035 min
Lab File: BM050450.D
Acq: 15 Jul 2025 11:30

Tgt Ion:264 Resp: 2470157
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.0 17.8 26.6



Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	WC-A2-13-C		SDG No.:	Q2579	
Lab Sample ID:	Q2579-03		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050461.D	1	07/14/25 10:40	07/15/25 18:51	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (23) - 110 (138)	86%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		30 (67) - 130 (132)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.3		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	87.0		30 (42) - 130 (152)	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	510000	7.857			
1146-65-2	Naphthalene-d8	1820000	10.651			
15067-26-2	Acenaphthene-d10	1190000	14.48			
1517-22-2	Phenanthrene-d10	2350000	17.215			
1719-03-5	Chrysene-d12	2420000	21.433			
1520-96-3	Perylene-d12	2550000	24.462			

Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	WC-A2-13-C		SDG No.:	Q2579	
Lab Sample ID:	Q2579-03		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050461.D	1	07/14/25 10:40	07/15/25 18:51	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050461.D
 Acq On : 15 Jul 2025 18:51
 Operator : RC/JU
 Sample : Q2579-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-A2-13-C

Quant Time: Jul 16 02:01:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

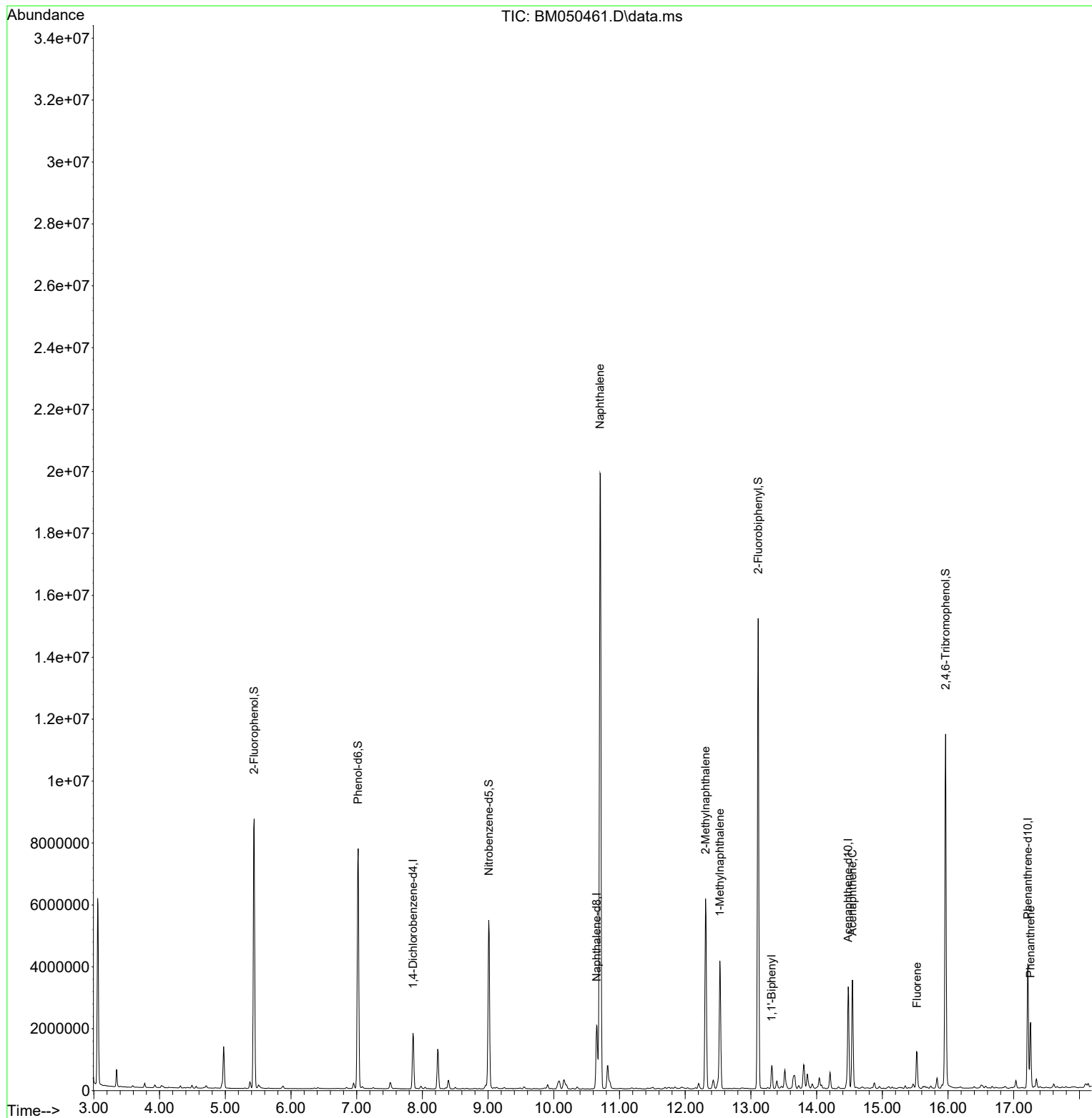
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	509697	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1822441	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1185090	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2353649	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2415694	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2549306	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3816425	128.886	ng	0.00
7) Phenol-d6	7.022	99	4413626	118.240	ng	0.00
23) Nitrobenzene-d5	9.010	82	3058960	85.634	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2256514	156.714	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7894274	82.263	ng	-0.01
79) Terphenyl-d14	19.827	244	11949213	87.031	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	10.704	128	16057452	173.468	ng	# 94
37) 2-Methylnaphthalene	12.310	142	2855800	48.861	ng	98
38) 1-Methylnaphthalene	12.528	142	1925228	31.125	ng	99
46) 1,1'-Biphenyl	13.316	154	393195	4.472	ng	100
52) Acenaphthene	14.545	154	1273137	18.901	ng	99
58) Fluorene	15.527	166	566655	6.629	ng	99
71) Phenanthrene	17.257	178	1298144	9.747	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050461.D
Acq On : 15 Jul 2025 18:51
Operator : RC/JU
Sample : Q2579-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

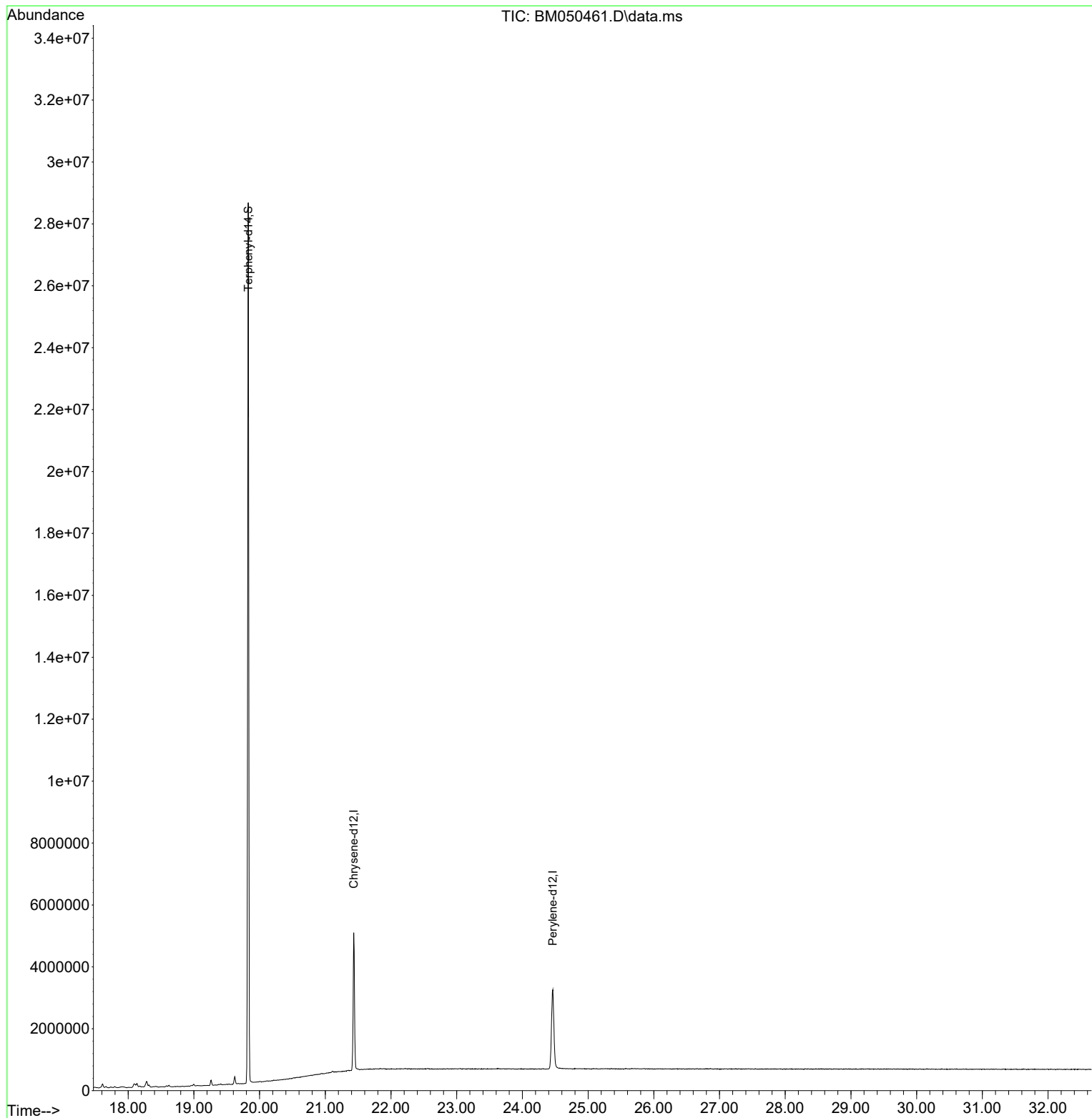
Quant Time: Jul 16 02:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

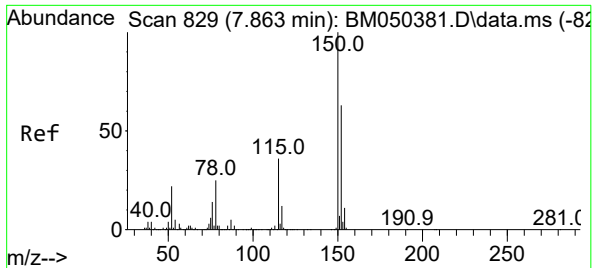


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050461.D
Acq On : 15 Jul 2025 18:51
Operator : RC/JU
Sample : Q2579-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

Quant Time: Jul 16 02:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

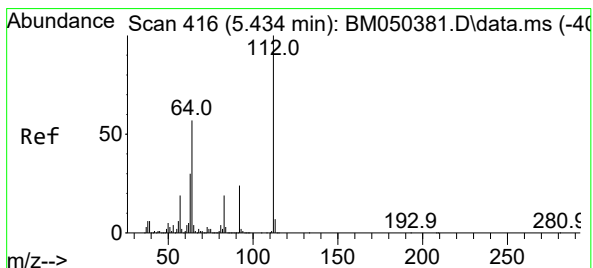
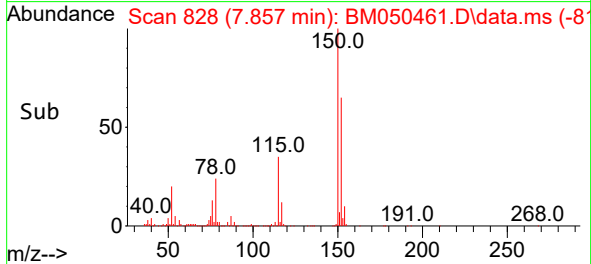
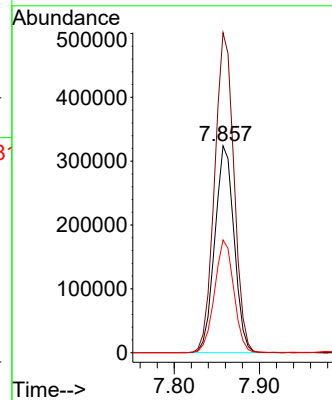
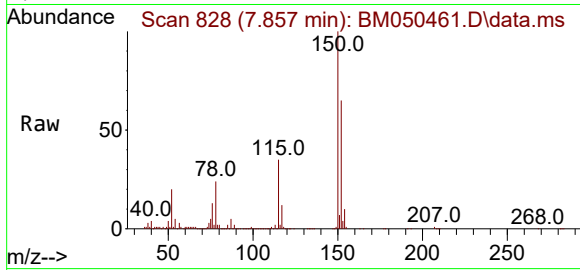




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

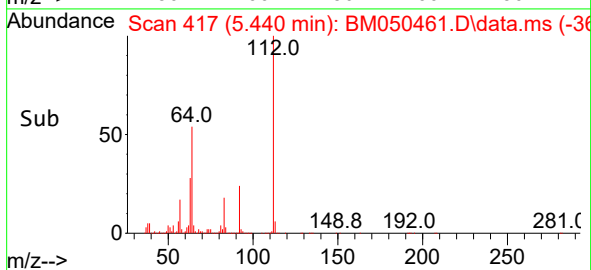
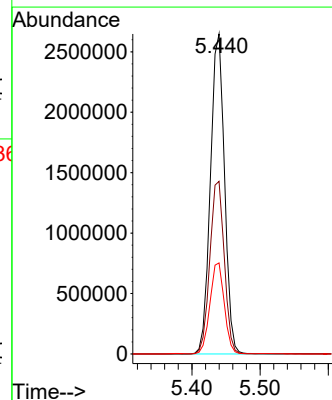
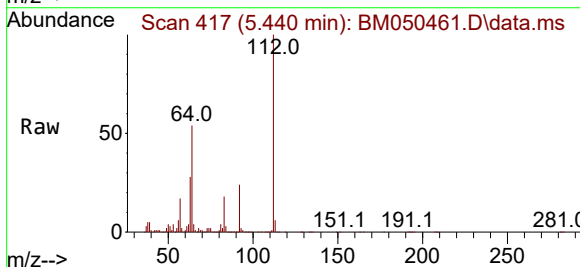
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

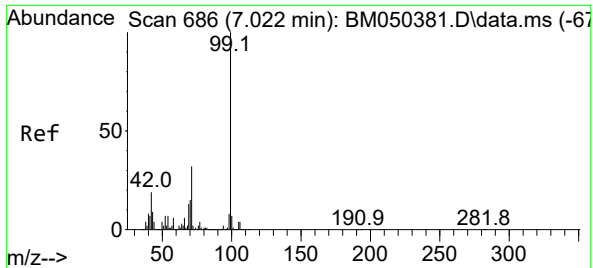
Tgt Ion:152 Resp: 509697
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.4
115 54.6 45.8 68.8



#5
2-Fluorophenol
Concen: 128.886 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion:112 Resp: 3816425
Ion Ratio Lower Upper
112 100
64 53.9 45.5 68.3
63 28.5 24.2 36.4

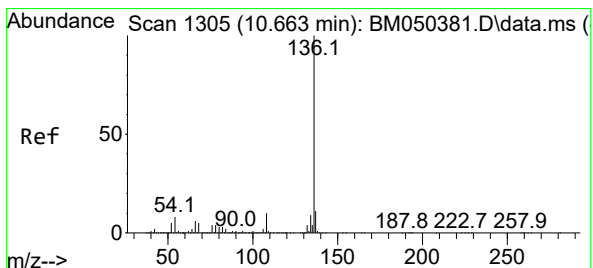
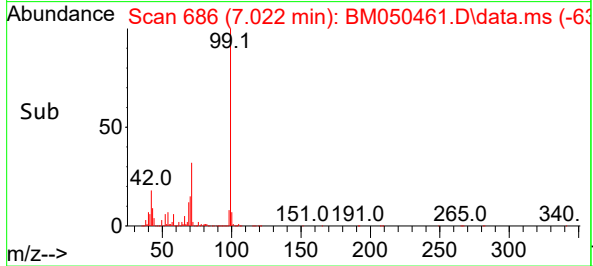
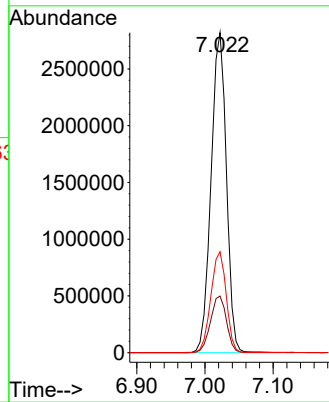
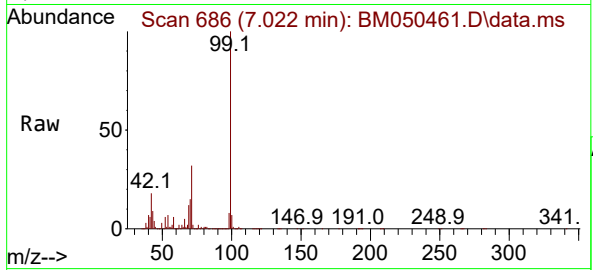




#7
Phenol-d6
Concen: 118.240 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

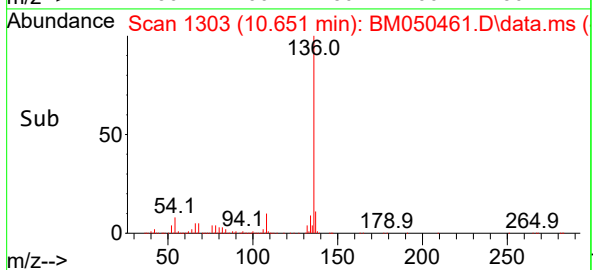
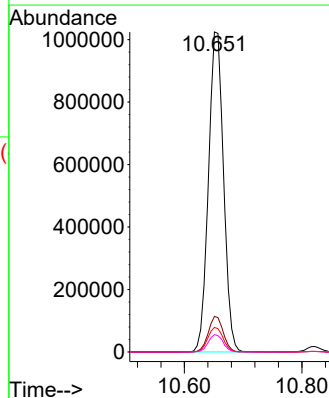
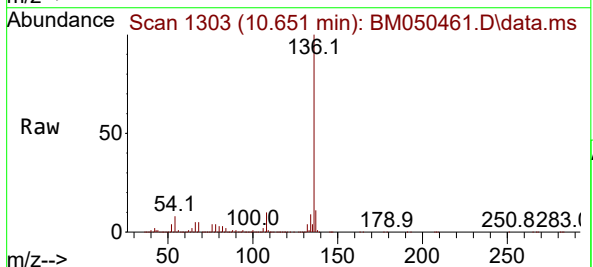
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

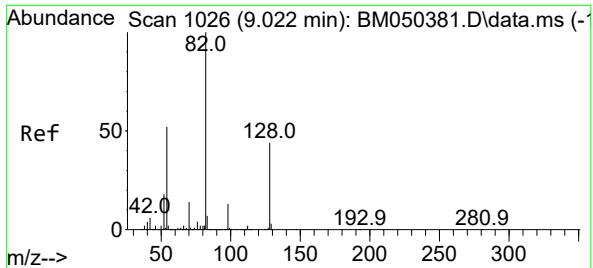
Tgt Ion: 99 Resp: 4413626
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 31.5 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion: 136 Resp: 1822441
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 5.4 4.2 6.2

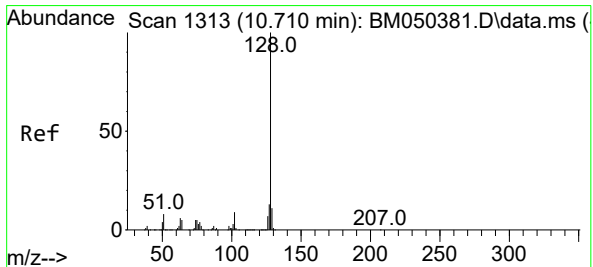
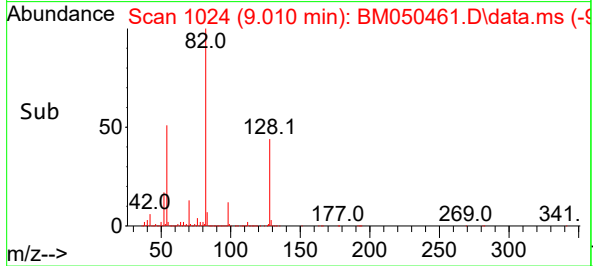
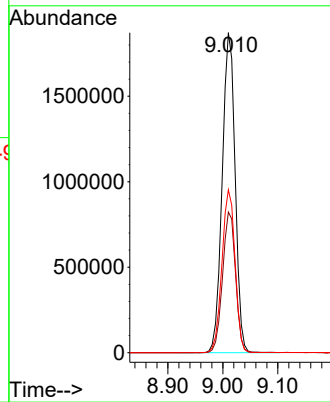
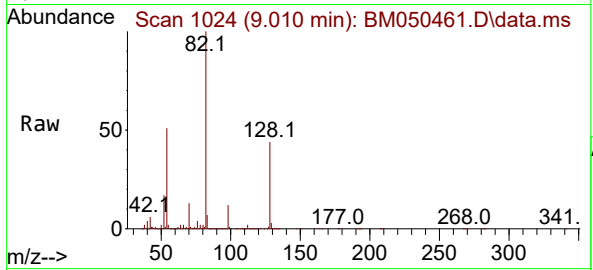




#23
Nitrobenzene-d5
Concen: 85.634 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

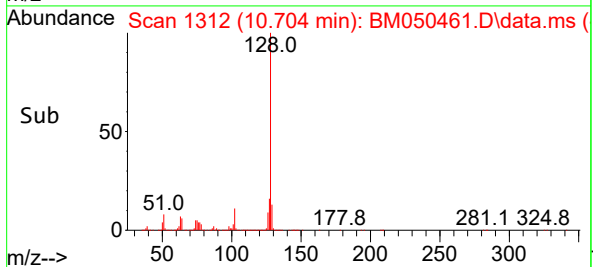
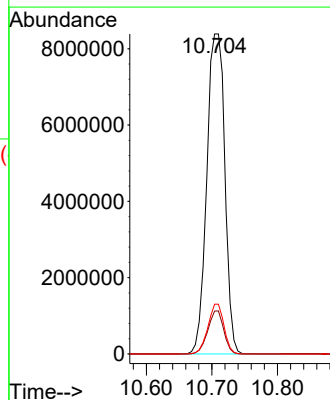
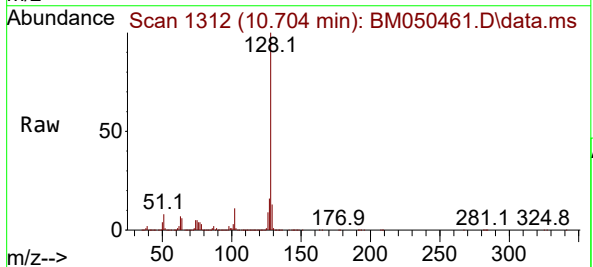
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

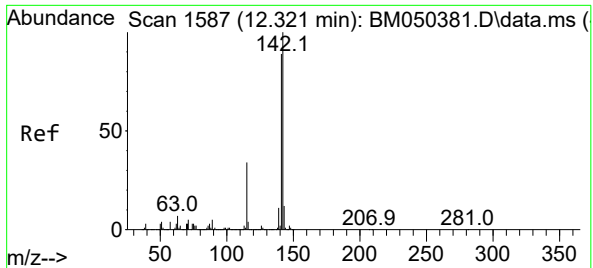
Tgt Ion: 82 Resp: 3058960
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 50.9 41.5 62.3



#31
Naphthalene
Concen: 173.468 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion: 128 Resp: 16057452
Ion Ratio Lower Upper
128 100
129 13.4 8.8 13.2#
127 15.6 10.4 15.6

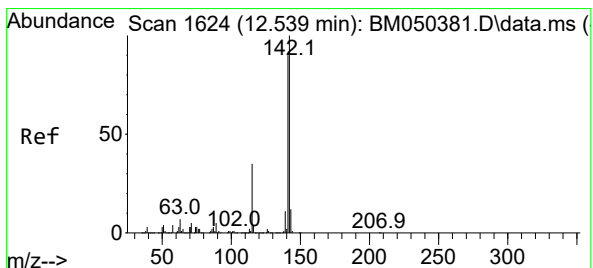
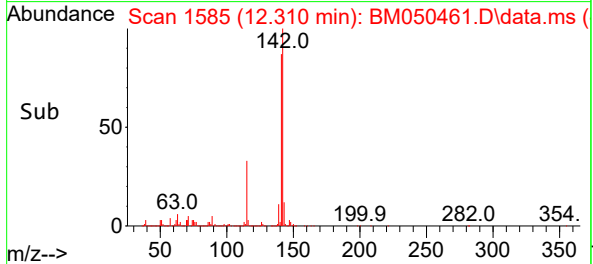
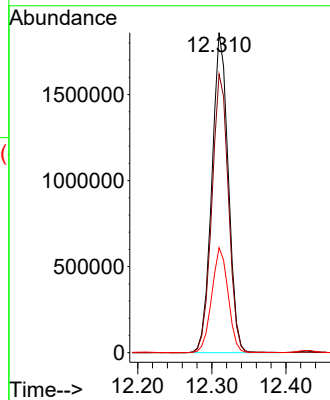
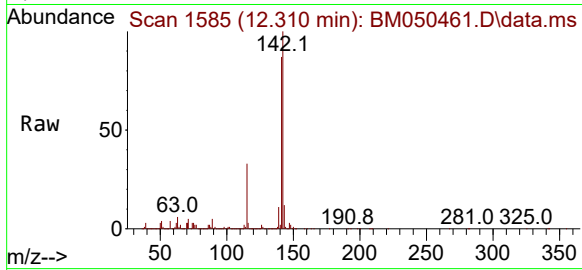




#37
2-Methylnaphthalene
Concen: 48.861 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

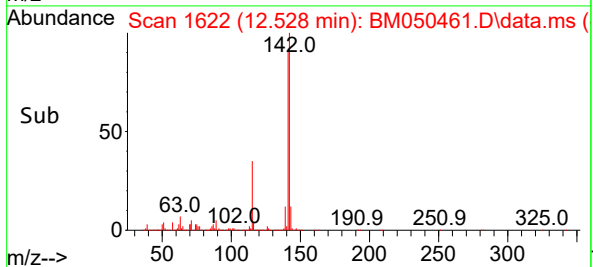
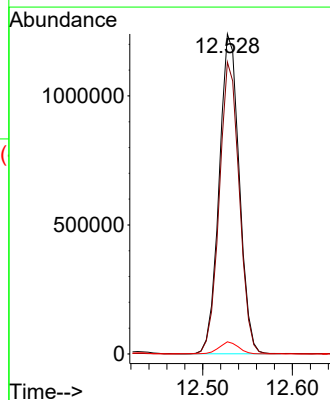
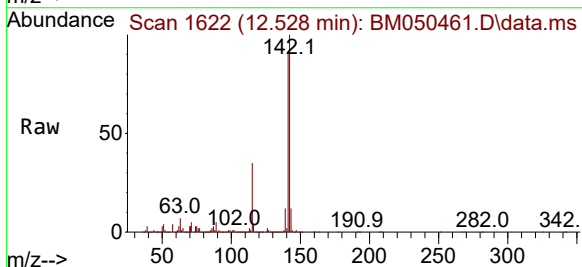
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

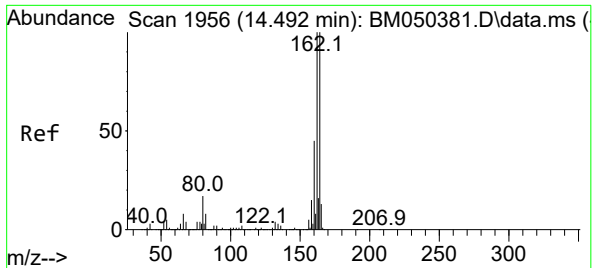
Tgt Ion:142 Resp: 2855800
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
115 32.8 27.0 40.4



#38
1-Methylnaphthalene
Concen: 31.125 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

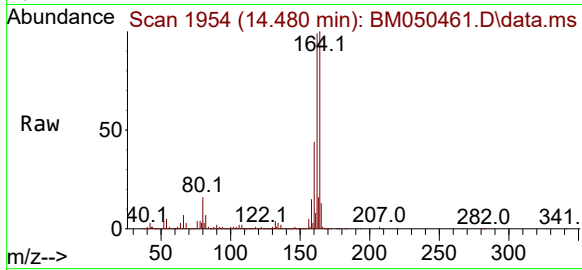
Tgt Ion:142 Resp: 1925228
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
116 3.8 3.0 4.6



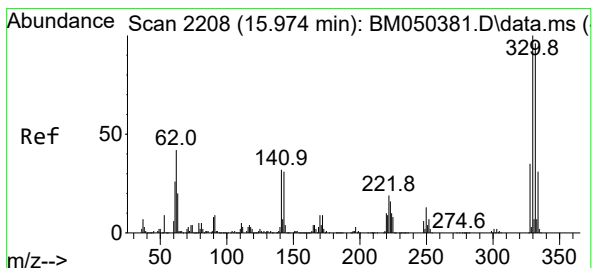
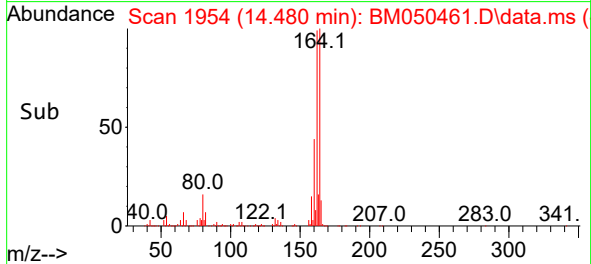
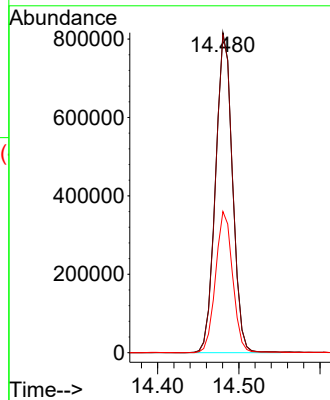


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

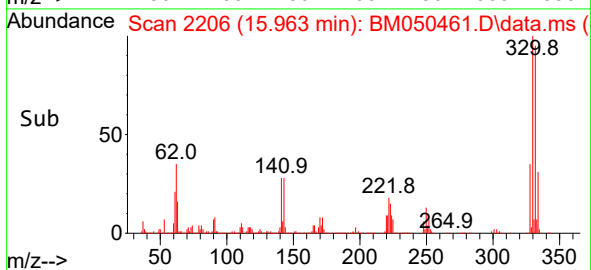
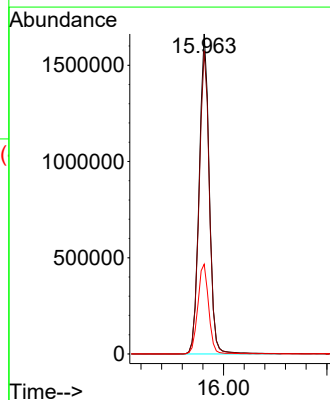
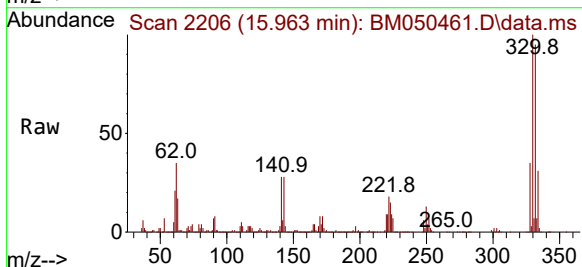


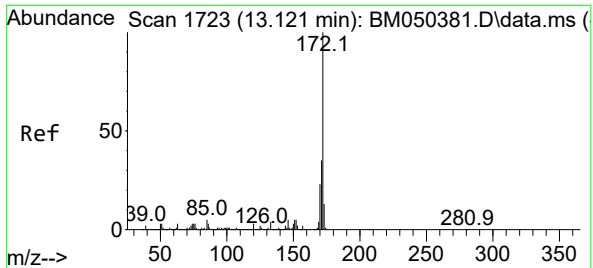
Tgt Ion:164 Resp: 1185090
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 156.714 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion:330 Resp: 2256514
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 30.0 27.4 41.0

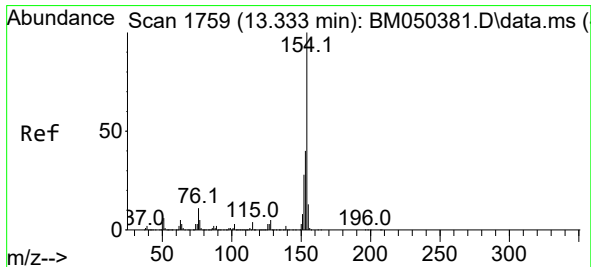
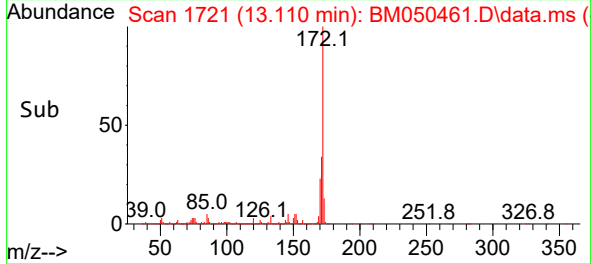
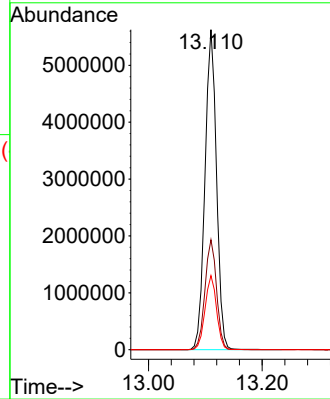
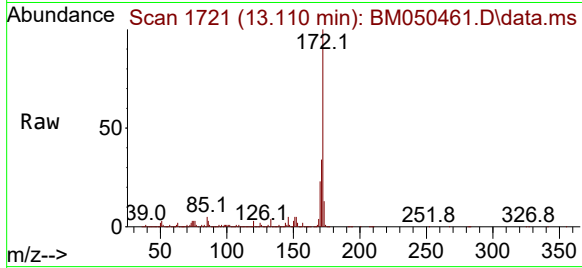




#45
2-Fluorobiphenyl
Concen: 82.263 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

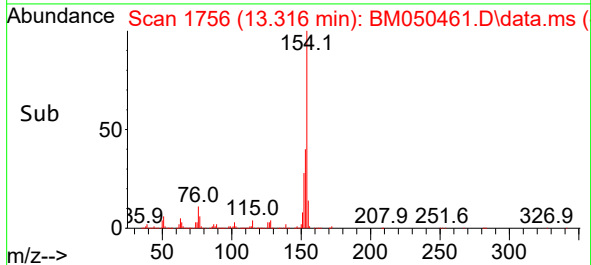
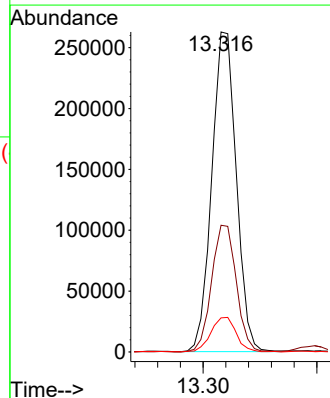
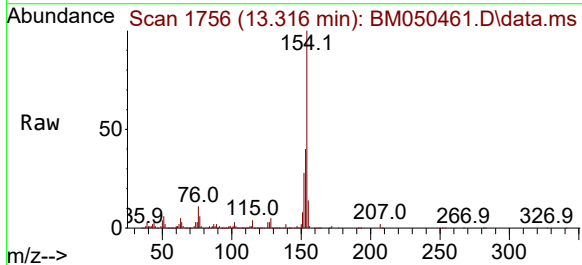
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

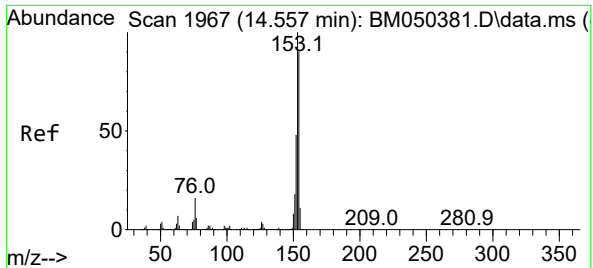
Tgt Ion:172 Resp: 7894274
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.472 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.017 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion:154 Resp: 393195
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 10.6 0.0 30.9

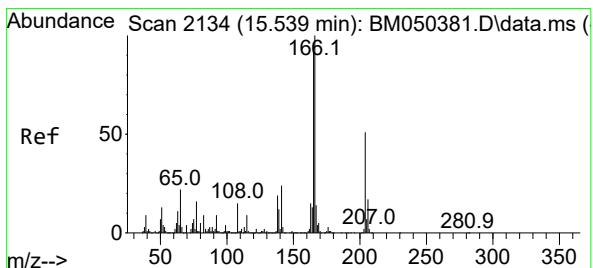
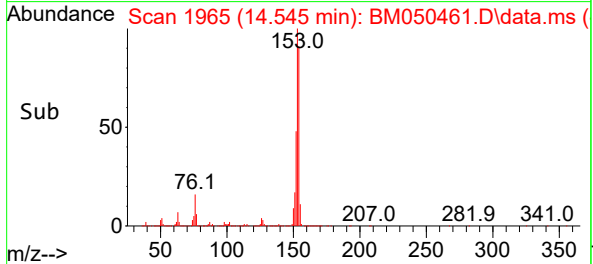
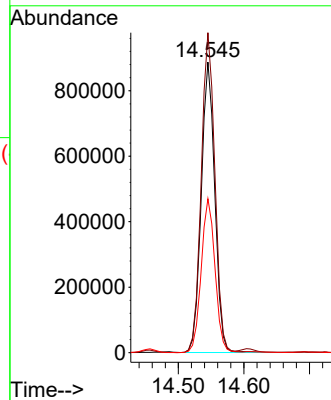
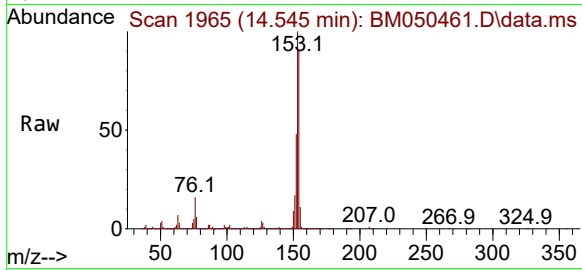




#52
Acenaphthene
Concen: 18.901 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

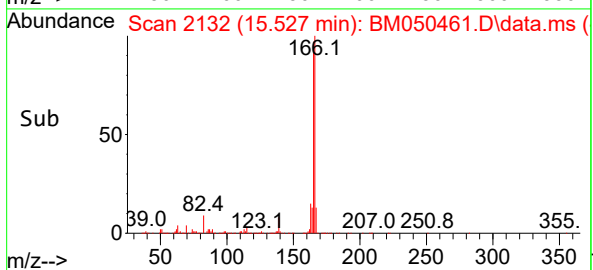
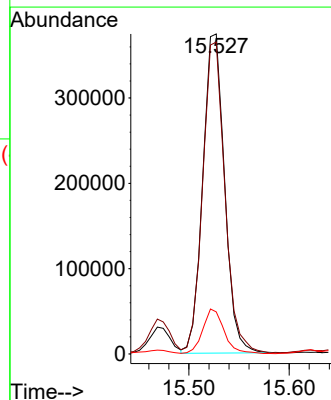
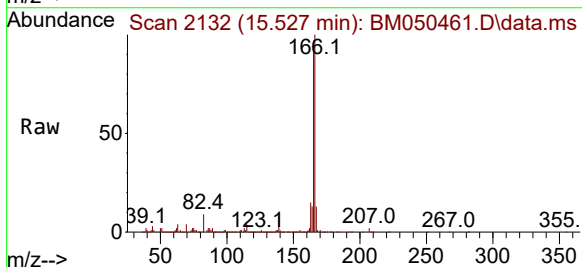
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

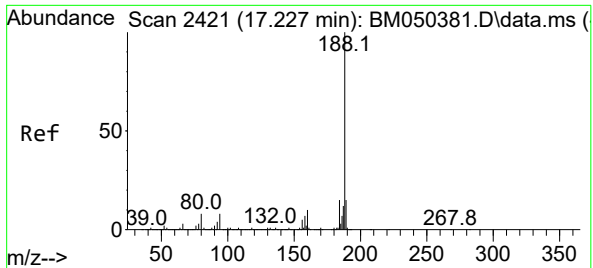
Tgt Ion:154 Resp: 1273137
Ion Ratio Lower Upper
154 100
153 110.2 89.2 133.8
152 53.0 42.6 64.0



#58
Fluorene
Concen: 6.629 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion:166 Resp: 566655
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.6
167 13.2 10.9 16.3

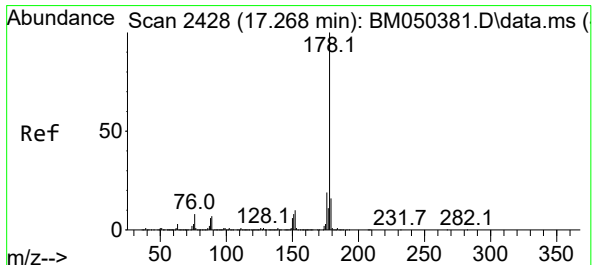
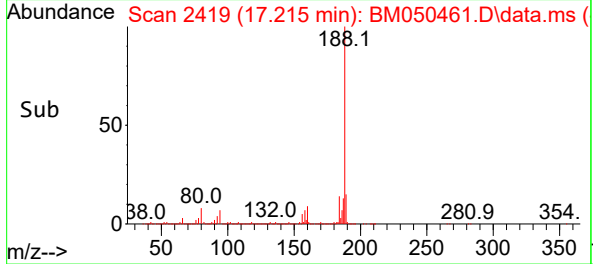
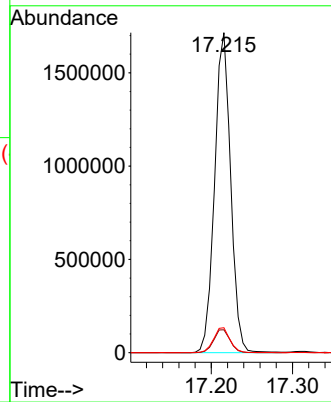
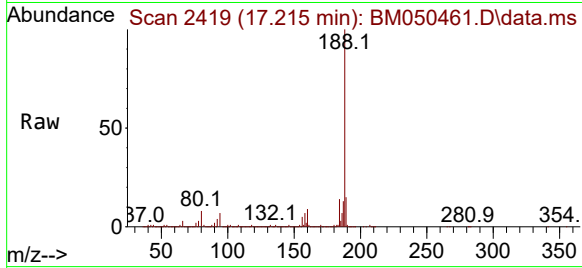




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

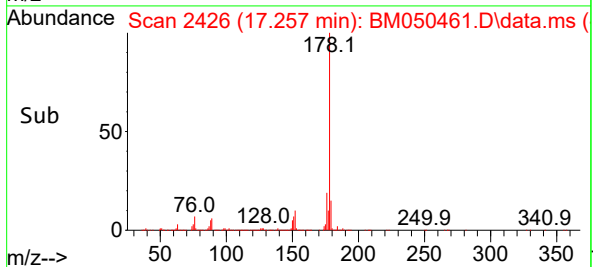
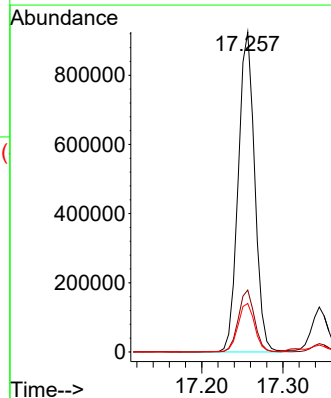
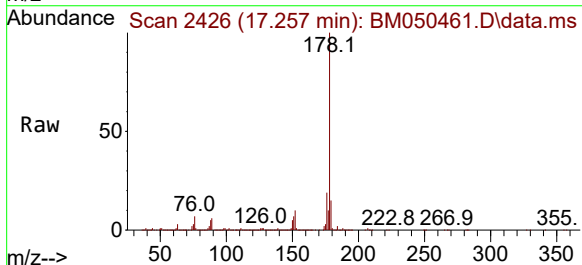
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

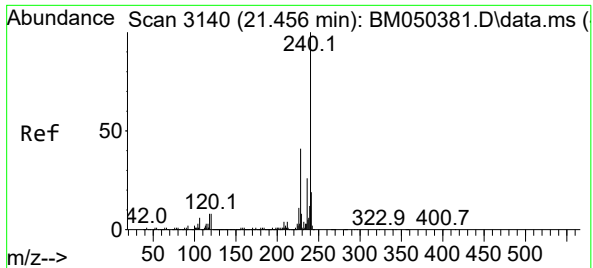
Tgt Ion:188 Resp: 2353649
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.8 6.5 9.7



#71
Phenanthrene
Concen: 9.747 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Tgt Ion:178 Resp: 1298144
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.5 18.7

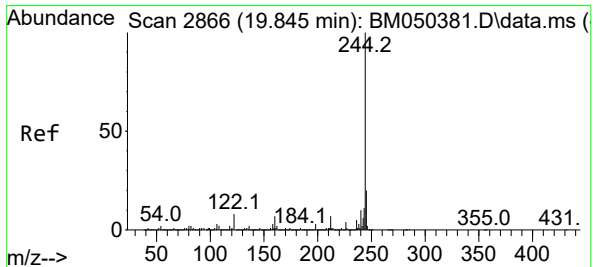
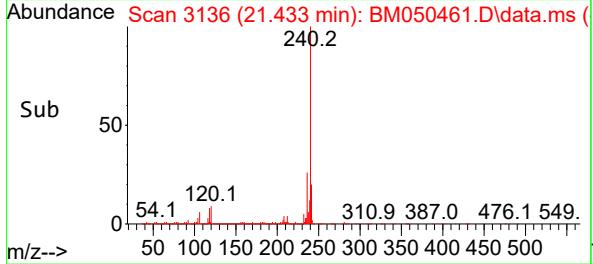
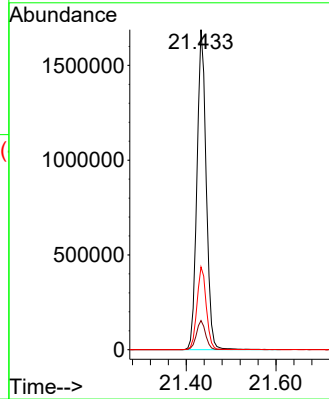
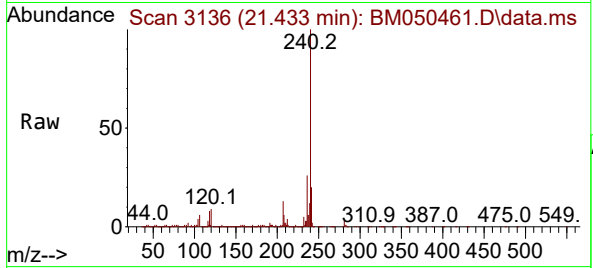




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3140
Delta R.T. -0.023 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

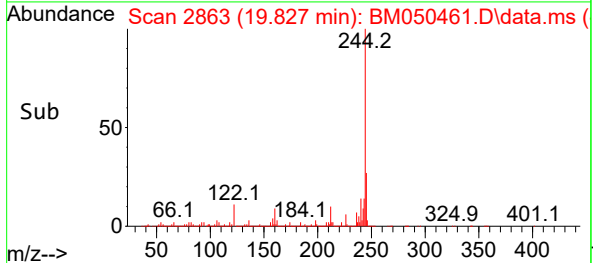
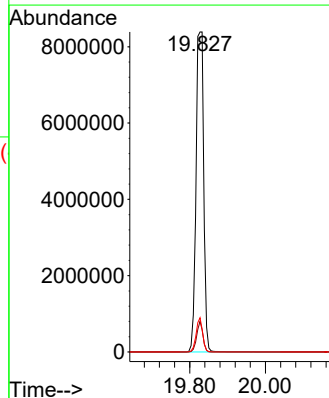
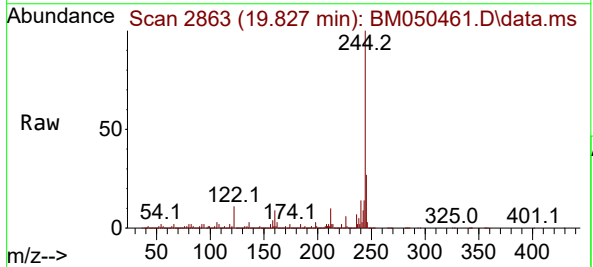
Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C

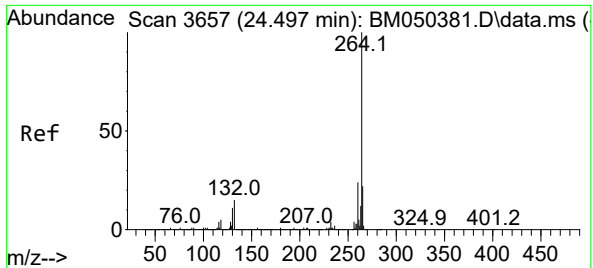
Tgt Ion:240 Resp: 2415694
Ion Ratio Lower Upper
240 100
120 9.1 6.7 10.1
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 87.031 ng
RT: 19.827 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

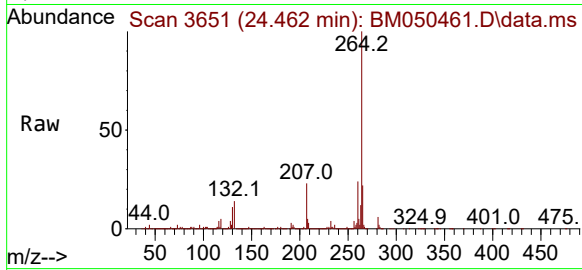
Tgt Ion:244 Resp:11949213
Ion Ratio Lower Upper
244 100
212 9.5 5.7 8.5#
122 10.7 6.2 9.2#



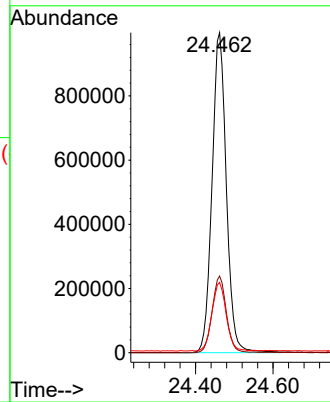
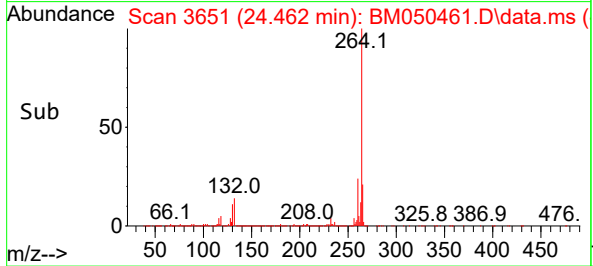


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 30
Delta R.T. -0.035 min
Lab File: BM050461.D
Acq: 15 Jul 2025 18:51

Instrument :
BNA_M
ClientSampleId :
WC-A2-13-C



Tgt Ion:264 Resp: 2549306
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.9 17.8 26.6



Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	WC-A2-14-C		SDG No.:	Q2579	
Lab Sample ID:	Q2579-07		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050462.D	1	07/14/25 10:40	07/15/25 19:31	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (23) - 110 (138)	89%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.2		30 (67) - 130 (132)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		30 (52) - 130 (132)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	168	*	15 (44) - 110 (137)	112%	SPK: 150
1718-51-0	Terphenyl-d14	91.2		30 (42) - 130 (152)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	491000	7.857			
1146-65-2	Naphthalene-d8	1730000	10.651			
15067-26-2	Acenaphthene-d10	1100000	14.48			
1517-22-2	Phenanthrene-d10	2270000	17.215			
1719-03-5	Chrysene-d12	2340000	21.433			
1520-96-3	Perylene-d12	2440000	24.462			

Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	WC-A2-14-C		SDG No.:	Q2579	
Lab Sample ID:	Q2579-07		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050462.D	1	07/14/25 10:40	07/15/25 19:31	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050462.D
 Acq On : 15 Jul 2025 19:31
 Operator : RC/JU
 Sample : Q2579-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-A2-14-C

Quant Time: Jul 16 02:01:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

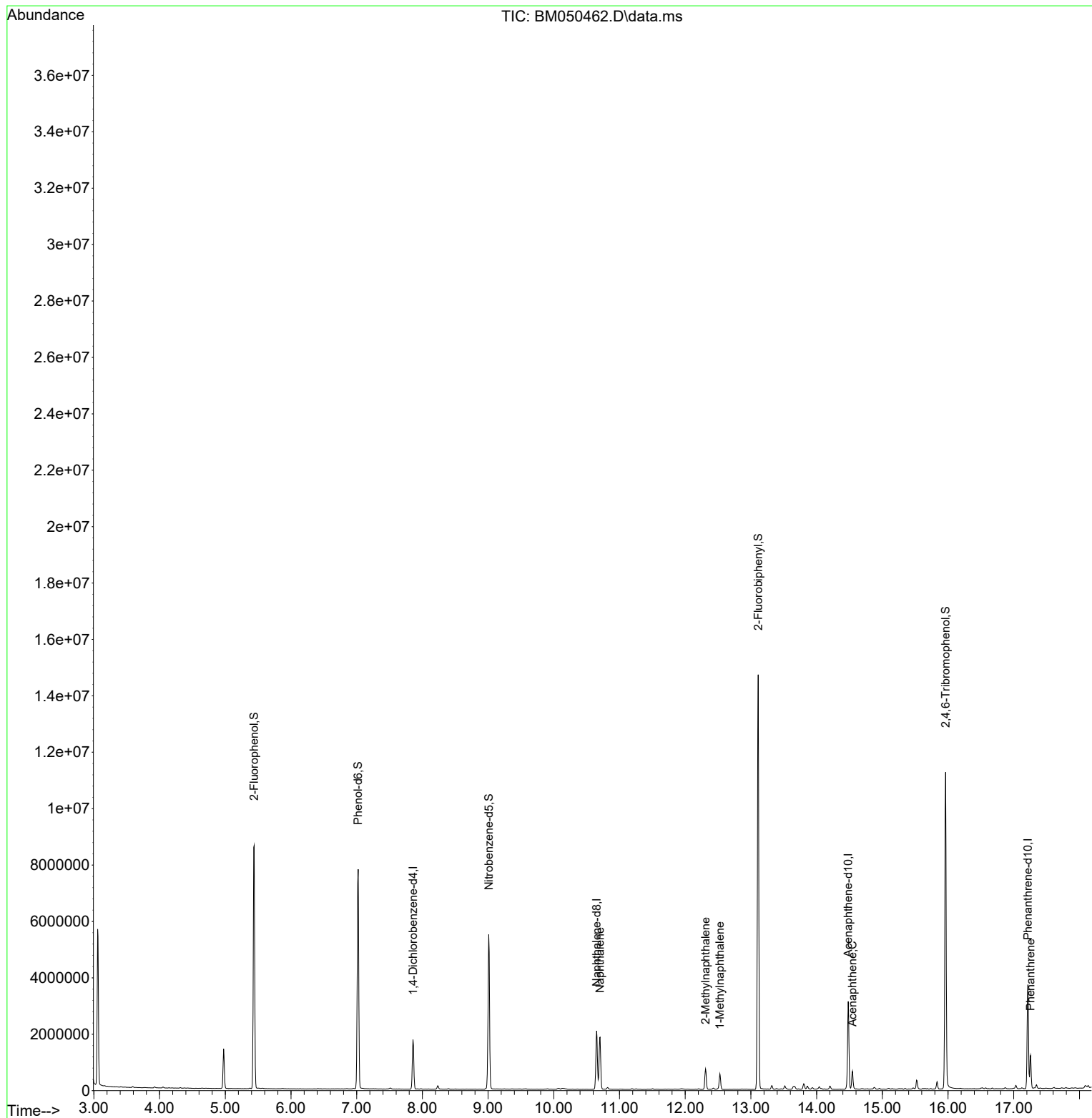
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	490534	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1731974	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1104765	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2272075	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2341414	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2438835	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3818830	134.006	ng	0.00
7) Phenol-d6	7.022	99	4431503	123.357	ng	0.00
23) Nitrobenzene-d5	9.010	82	2993647	88.183	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2248808	167.534	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7678842	85.836	ng	-0.01
79) Terphenyl-d14	19.821	244	12141866	91.240	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	10.704	128	1566713	17.809	ng	100
37) 2-Methylnaphthalene	12.310	142	345027	6.212	ng	97
38) 1-Methylnaphthalene	12.528	142	259006	4.406	ng	98
52) Acenaphthene	14.545	154	225160	3.586	ng	99
71) Phenanthrene	17.257	178	730132	5.679	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050462.D
Acq On : 15 Jul 2025 19:31
Operator : RC/JU
Sample : Q2579-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

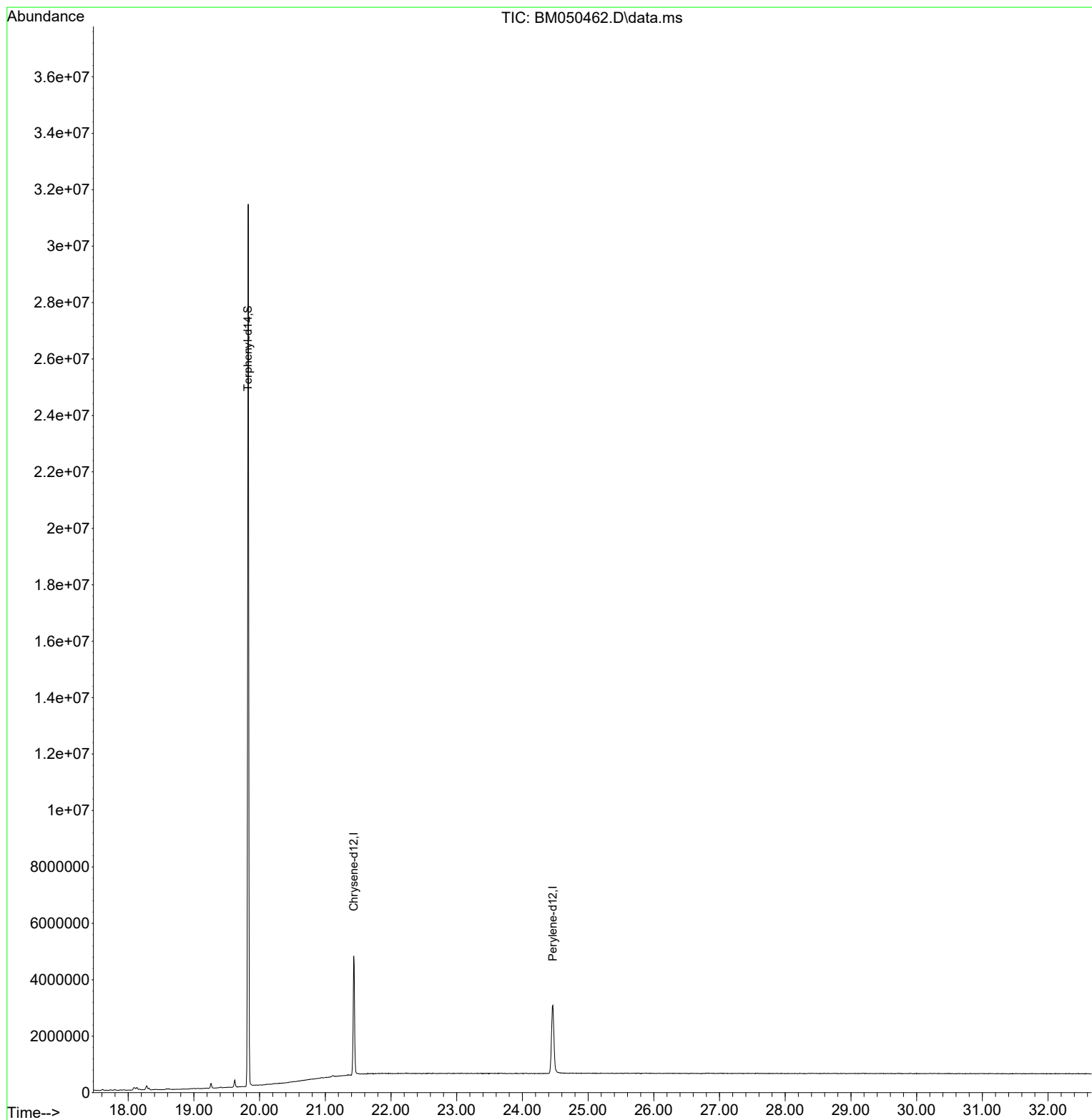
Quant Time: Jul 16 02:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

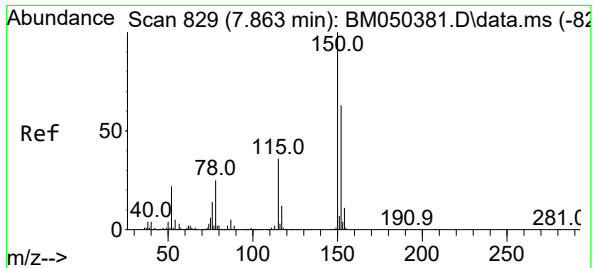


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050462.D
Acq On : 15 Jul 2025 19:31
Operator : RC/JU
Sample : Q2579-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Quant Time: Jul 16 02:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

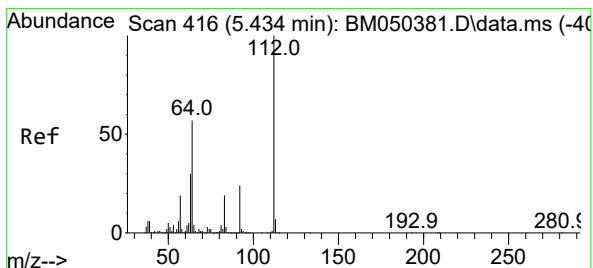
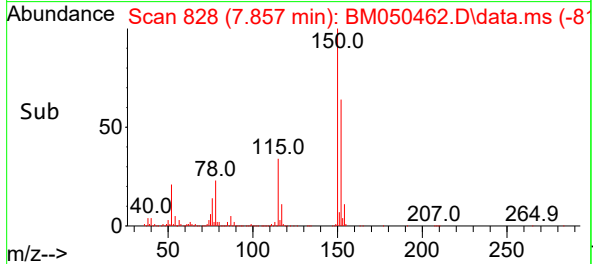
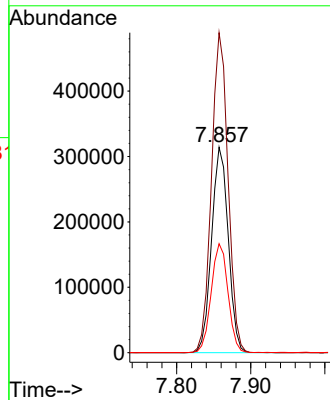
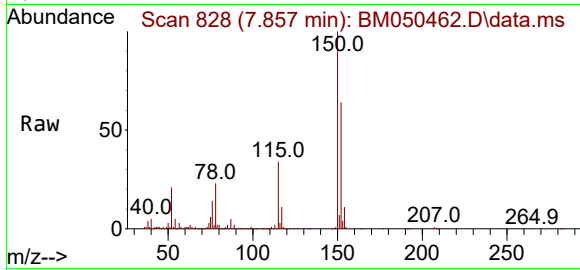




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

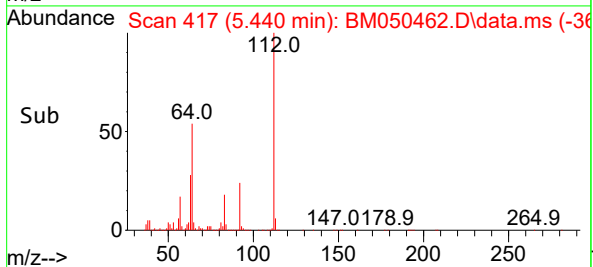
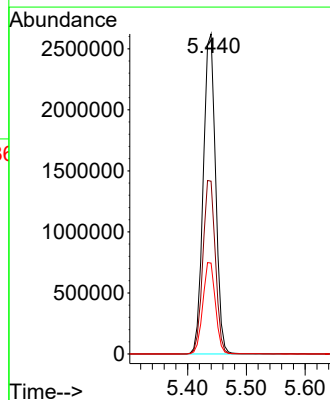
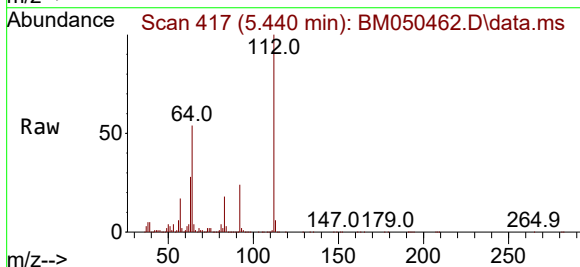
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

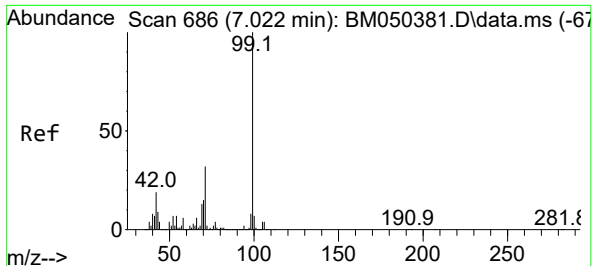
Tgt Ion:152 Resp: 490534
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.4
115 53.1 45.8 68.8



#5
2-Fluorophenol
Concen: 134.006 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:112 Resp: 3818830
Ion Ratio Lower Upper
112 100
64 54.0 45.5 68.3
63 28.4 24.2 36.4

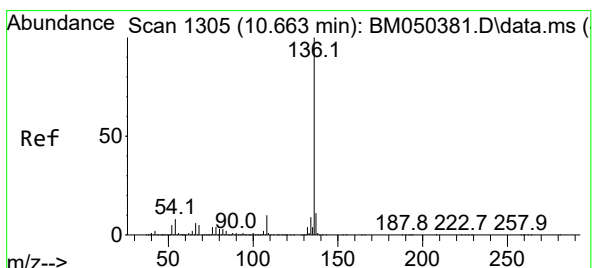
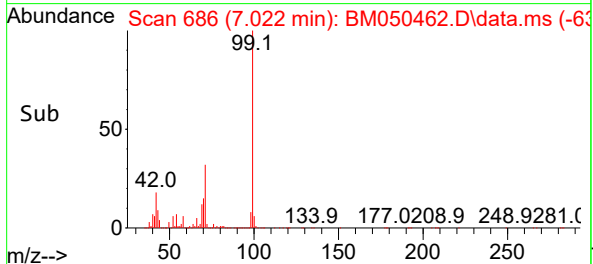
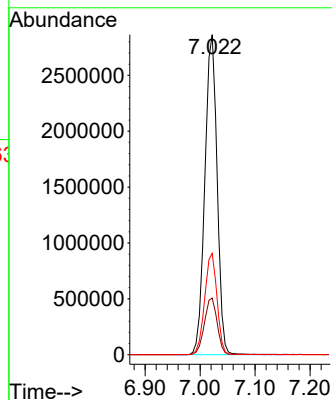
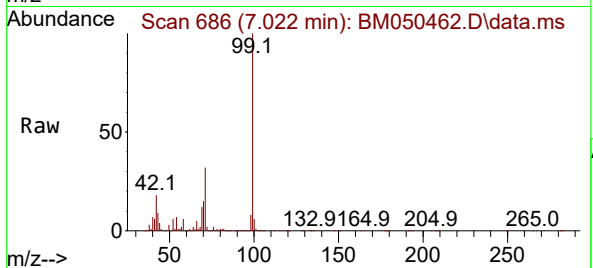




#7
Phenol-d6
Concen: 123.357 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

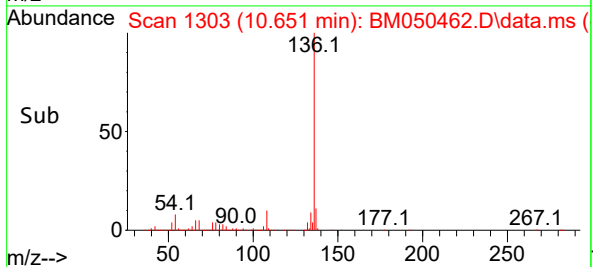
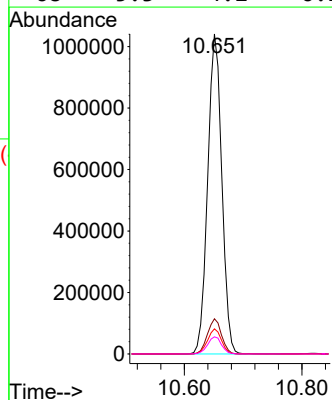
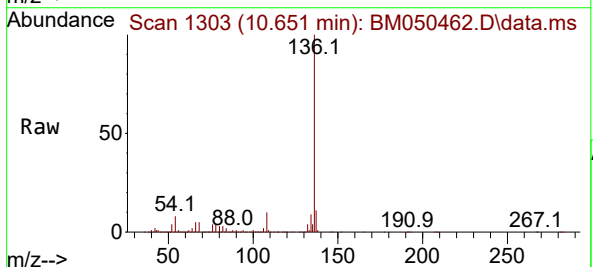
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

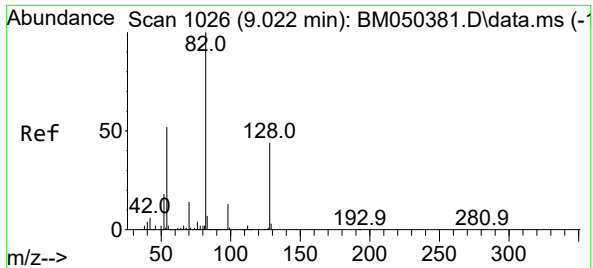
Tgt Ion: 99 Resp: 4431503
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 31.6 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion: 136 Resp: 1731974
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.3 9.5
68 5.3 4.2 6.2

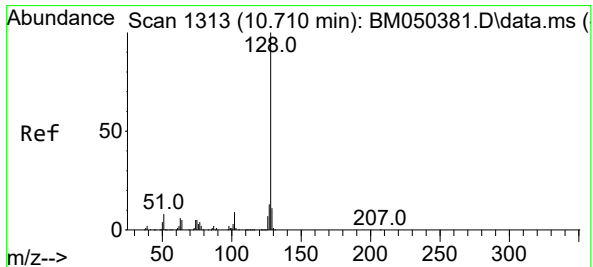
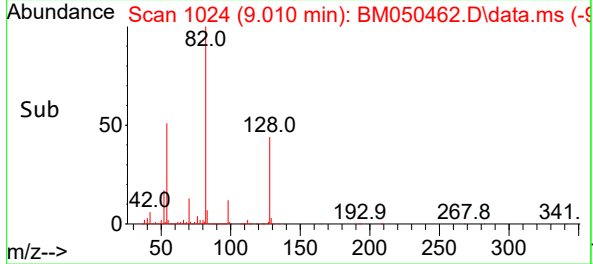
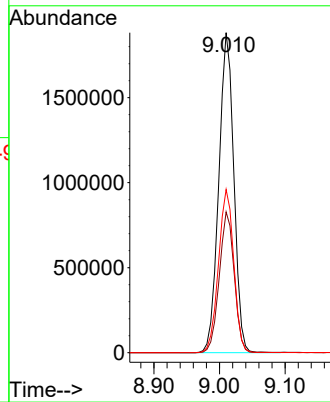
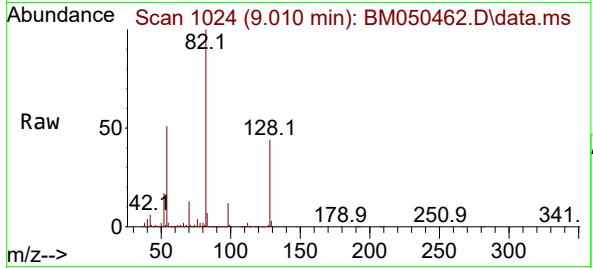




#23
Nitrobenzene-d5
Concen: 88.183 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

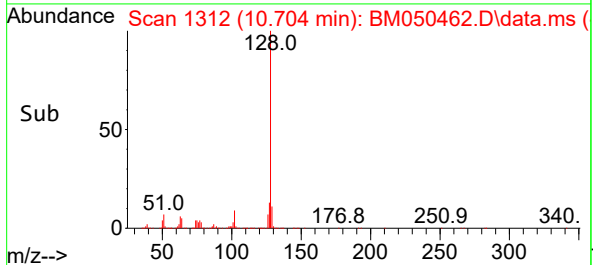
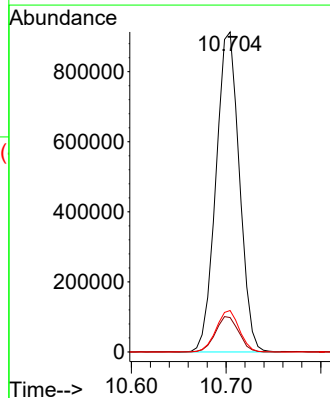
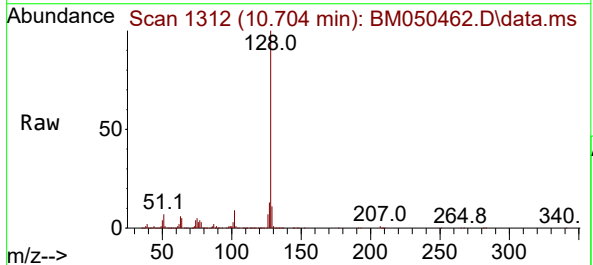
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

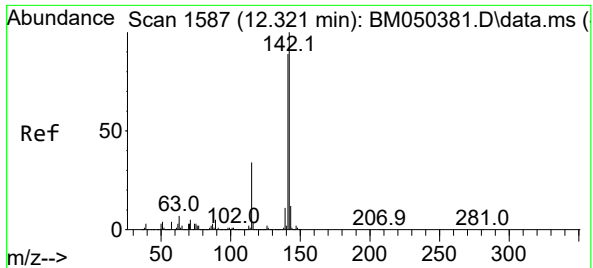
Tgt Ion: 82 Resp: 2993647
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 51.0 41.5 62.3



#31
Naphthalene
Concen: 17.809 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion: 128 Resp: 1566713
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.4 15.6

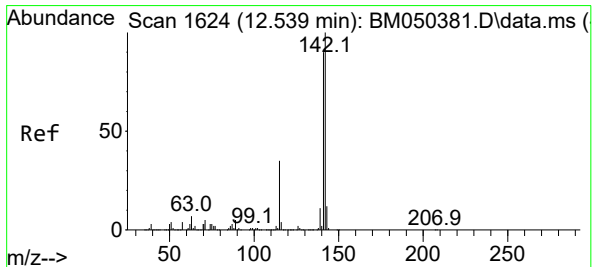
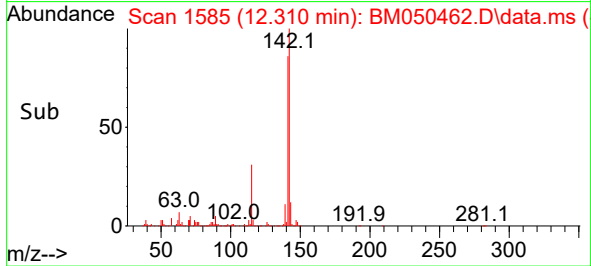
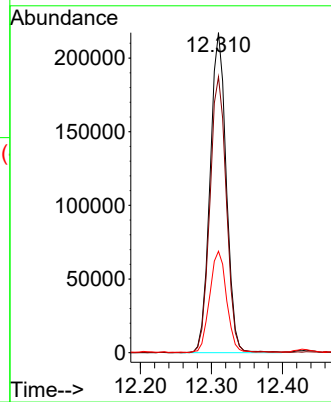
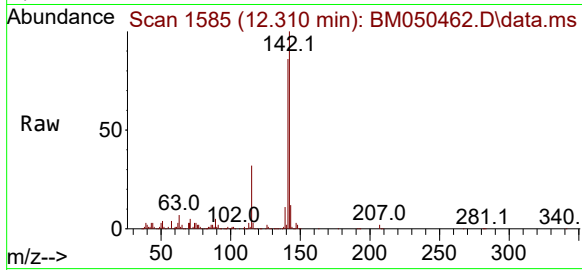




#37
2-Methylnaphthalene
Concen: 6.212 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

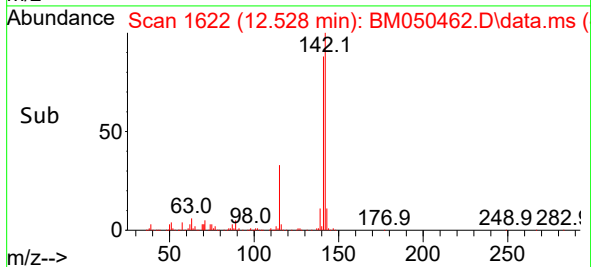
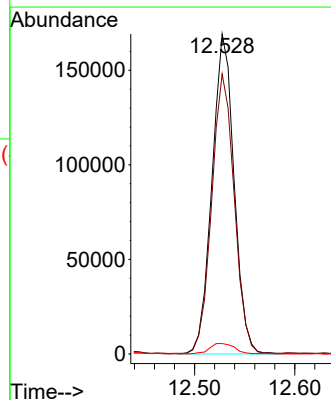
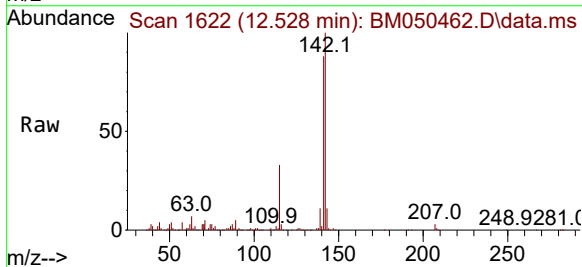
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

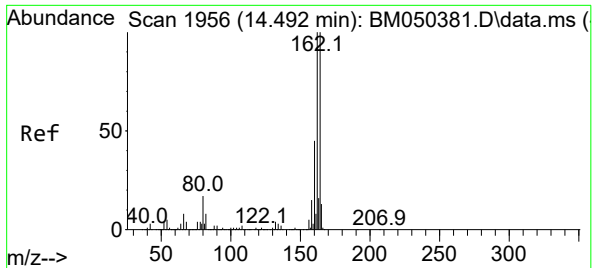
Tgt Ion:142 Resp: 345027
Ion Ratio Lower Upper
142 100
141 86.2 70.8 106.2
115 31.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 4.406 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:142 Resp: 259006
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9
116 3.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BM050462.D

Acq: 15 Jul 2025 19:31

Instrument :

BNA_M

ClientSampleId :

WC-A2-14-C

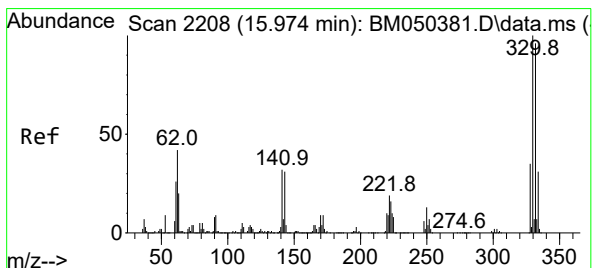
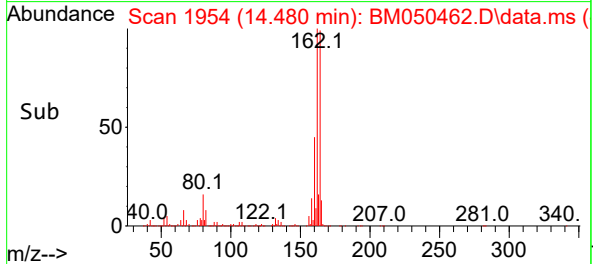
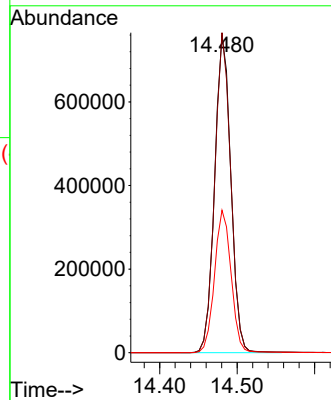
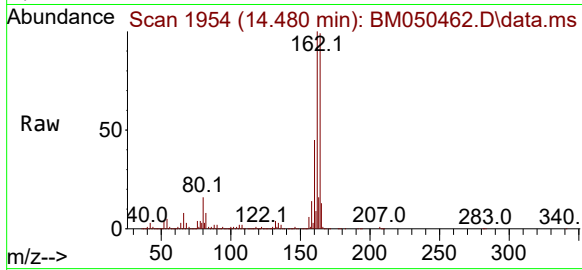
Tgt Ion:164 Resp: 1104765

Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

160 44.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 167.534 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.012 min

Lab File: BM050462.D

Acq: 15 Jul 2025 19:31

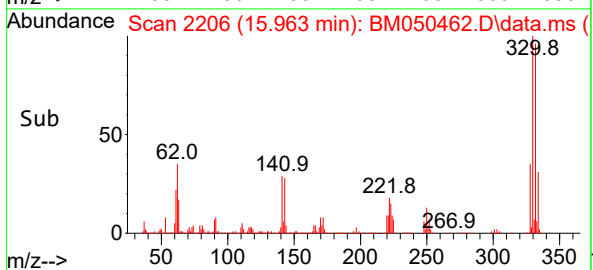
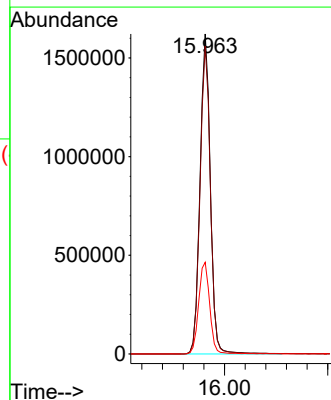
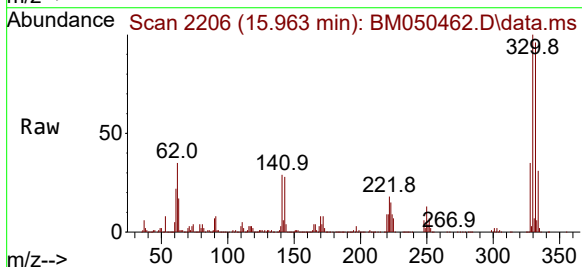
Tgt Ion:330 Resp: 2248808

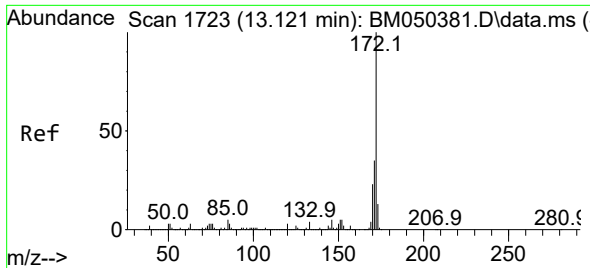
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 30.7 27.4 41.0

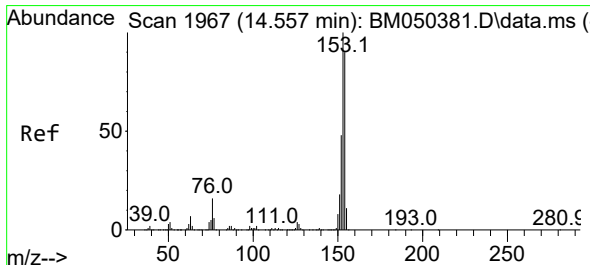
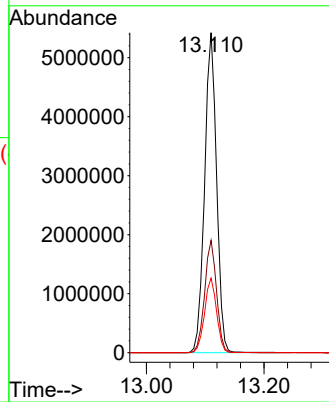
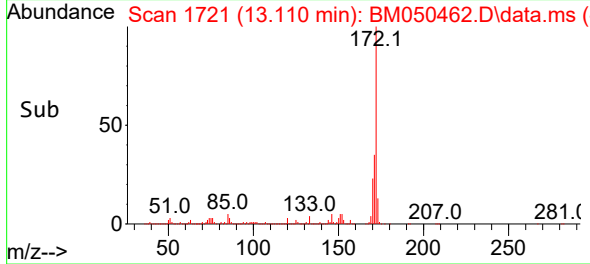
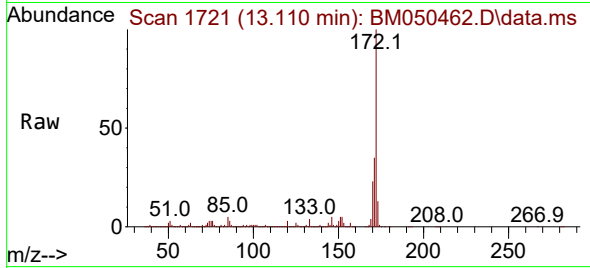




#45
2-Fluorobiphenyl
Concen: 85.836 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

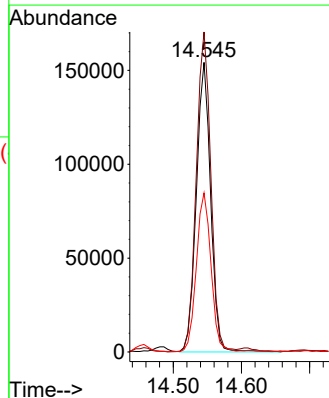
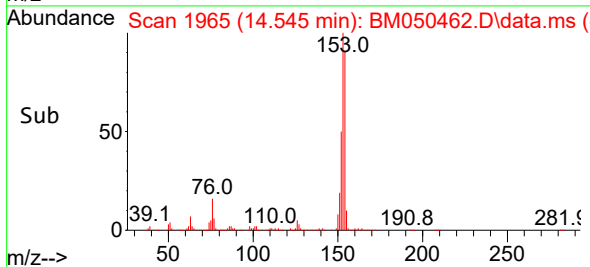
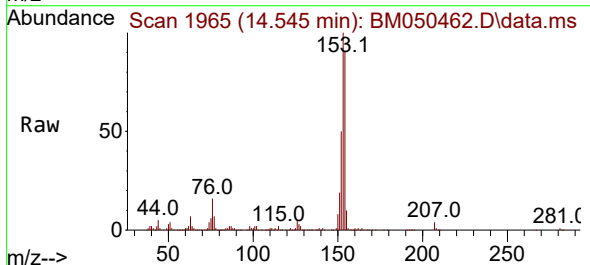
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

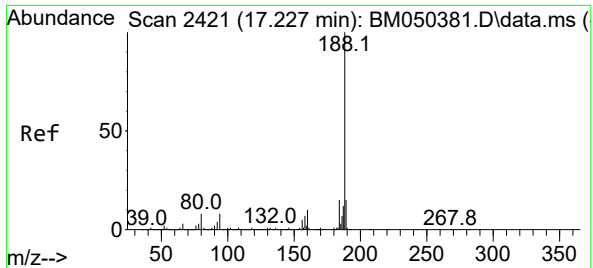
Tgt Ion:172 Resp: 7678842
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.3 18.8 28.2



#52
Acenaphthene
Concen: 3.586 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:154 Resp: 225160
Ion Ratio Lower Upper
154 100
153 110.5 89.2 133.8
152 54.9 42.6 64.0

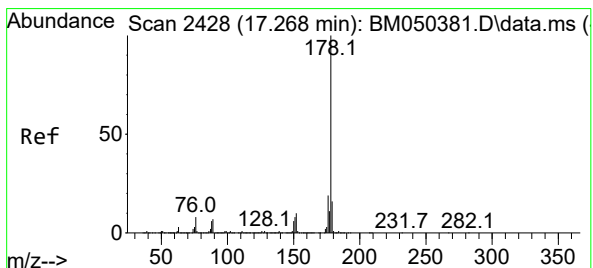
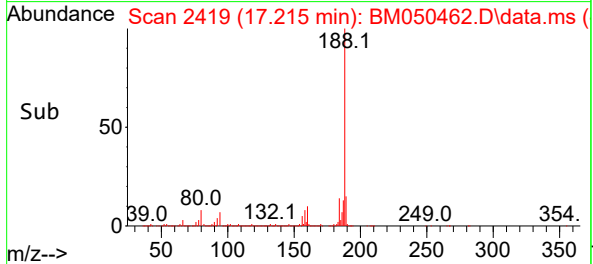
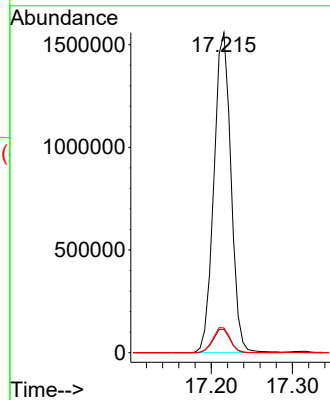
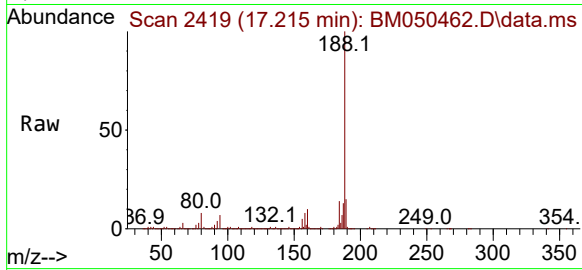




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

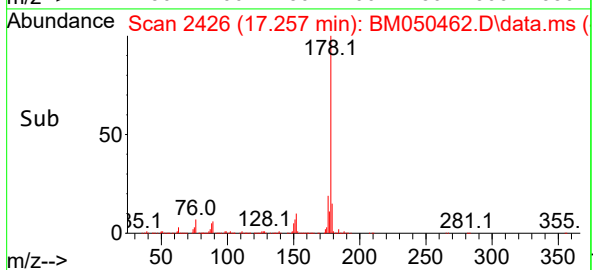
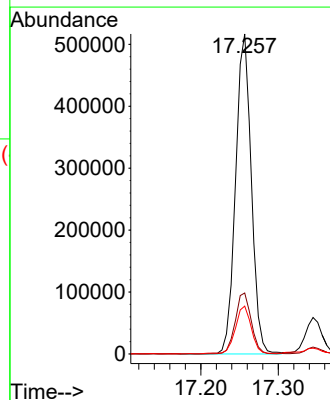
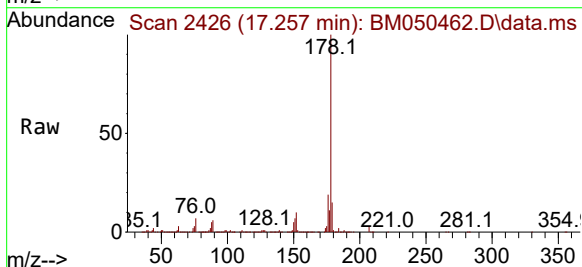
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

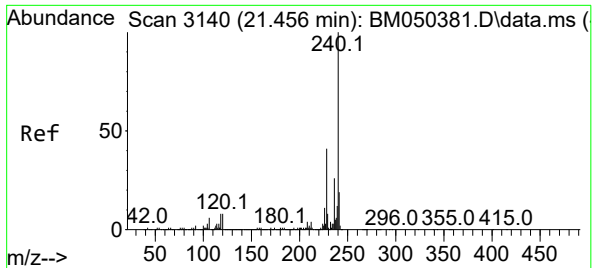
Tgt Ion:188 Resp: 2272075
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.5 9.7



#71
Phenanthrene
Concen: 5.679 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:178 Resp: 730132
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.9 12.5 18.7

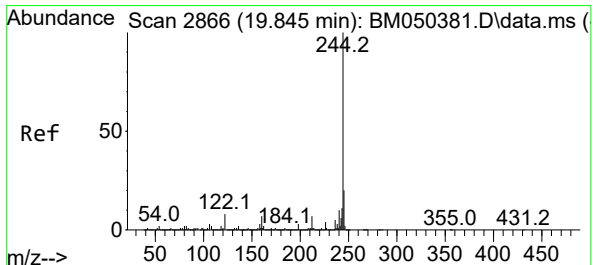
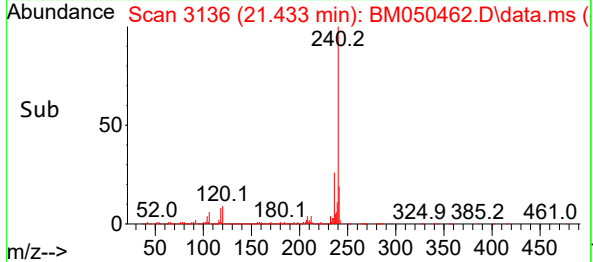
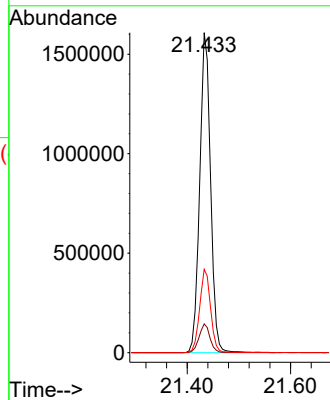
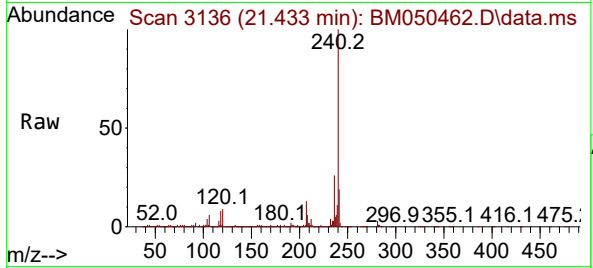




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3140
Delta R.T. -0.023 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

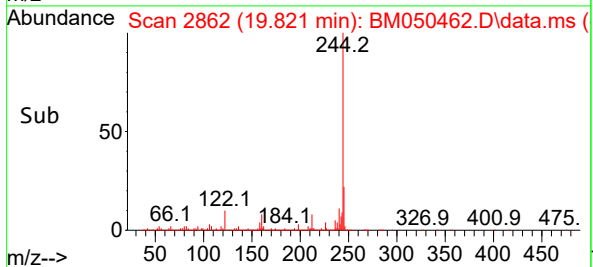
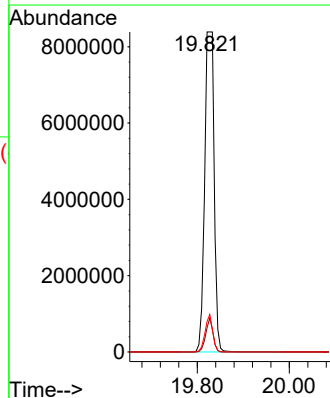
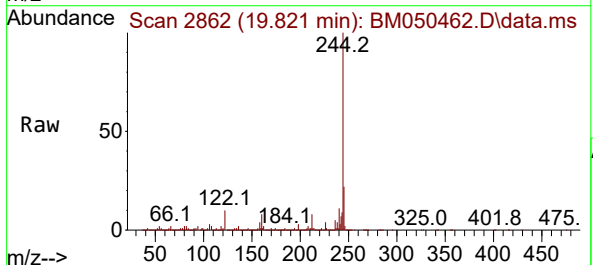
Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

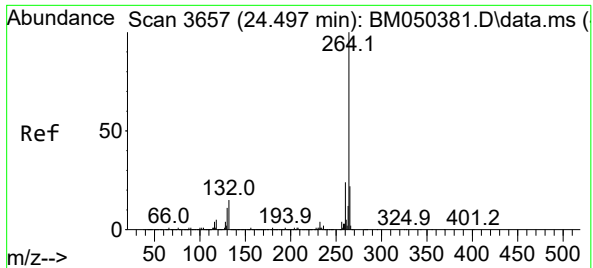
Tgt Ion:240 Resp: 2341414
Ion Ratio Lower Upper
240 100
120 9.0 6.7 10.1
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 91.240 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.023 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Tgt Ion:244 Resp:12141866
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.6 6.2 9.2#

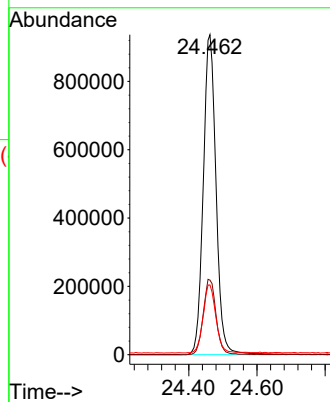
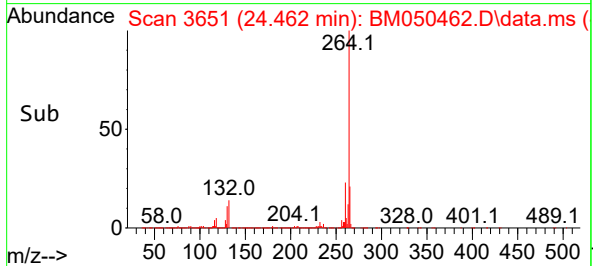
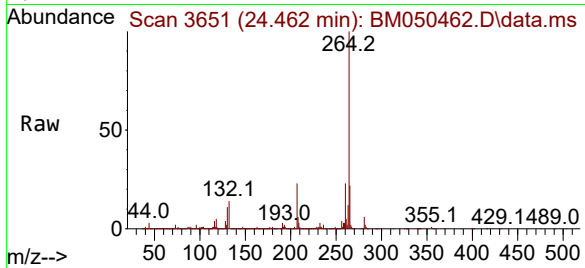




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 30
Delta R.T. -0.035 min
Lab File: BM050462.D
Acq: 15 Jul 2025 19:31

Instrument :
BNA_M
ClientSampleId :
WC-A2-14-C

Tgt Ion:264 Resp: 2438835
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.8 17.8 26.6





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ENTA05Lab Code: ACESDG No.: Q2579Instrument ID: BNA_MCalibration Date(s): 07/08/2025 07/08/2025Calibration Time(s): 12:39 17:22

LAB FILE ID:		RRF2.5 = BM050377.D			RRF005 = BM050378.D		RRF010 = BM050379.D	
		RRF020 = BM050380.D			RRF040 = BM050381.D		RRF050 = BM050382.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.249	1.197	1.256	1.228	1.336	1.254	3.5
2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.162	4.9
Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.465	6.7
1,4-Dichlorobenzene		1.553	1.459	1.536	1.465	1.610	1.521	3.6
2-Methylphenol		0.922	0.898	0.980	0.990	1.089	0.991	6.7
3+4-Methylphenols			1.170	1.296	1.325	1.458	1.330	7.3
Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.392	6.8
Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.535	4.7
Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.350	4.7
Hexachlorobutadiene		0.222	0.209	0.222	0.221	0.244	0.228	5.4
2,4,6-Trichlorophenol		0.330	0.335	0.377	0.394	0.443	0.391	11.8
2-Fluorobiphenyl		1.572	1.538	1.611	1.592	1.753	1.620	4.7
2,4,5-Trichlorophenol		0.359	0.376	0.415	0.430	0.484	0.428	11.1
2,4-Dinitrotoluene		0.234	0.277	0.340	0.371	0.422	0.350	20.3
2,4,6-Tribromophenol		0.182	0.195	0.230	0.248	0.285	0.243	17.4
Hexachlorobenzene		0.239	0.233	0.253	0.256	0.283	0.260	7.8
Pentachlorophenol			0.122	0.145	0.161	0.181	0.162	15.2
Terphenyl-d14		1.095	1.110	1.225	1.258	1.298	1.137	12.4

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-BM070925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jul 08 18:32:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM050384.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.504	0.466	0.482	0.460	0.501	0.474	0.457	0.478		3.99
3)	Pyridine	1.249	1.197	1.256	1.228	1.336	1.279	1.236	1.254		3.52
4)	n-Nitrosodimet...		0.562	0.595	0.572	0.620	0.595	0.565	0.585		3.88
5) S	2-Fluorophenol	1.126	1.079	1.149	1.152	1.258	1.202	1.168	1.162		4.89
6)	Aniline	1.784	1.702	1.844	1.878	2.042	1.987	1.921	1.880		6.20
7) S	Phenol-d6	1.367	1.327	1.441	1.466	1.607	1.547	1.498	1.465		6.67
8)	2-Chlorophenol	1.135	1.105	1.219	1.217	1.341	1.301	1.258	1.225		6.89
9)	Benzaldehyde		0.944	0.985	0.897	0.837	0.694		0.871		13.03
10) C	Phenol	1.460	1.412	1.516	1.508	1.666	1.598	1.535	1.528		5.51
11)	bis(2-Chloroet...	1.202	1.134	1.223	1.196	1.324	1.268	1.218	1.223		4.88
12)	1,3-Dichlorobe...	1.504	1.425	1.496	1.448	1.580	1.511	1.465	1.490		3.40
13) C	1,4-Dichlorobe...	1.553	1.459	1.536	1.465	1.610	1.538	1.487	1.521		3.57
14)	1,2-Dichlorobe...	1.481	1.395	1.454	1.410	1.541	1.485	1.428	1.456		3.48
15)	Benzyl Alcohol		0.907	0.995	1.022	1.125	1.090	1.052	1.032		7.45
16)	2,2'-oxybis(1-...	1.835	1.741	1.818	1.752	1.907	1.821	1.741	1.802		3.41
17)	2-Methylphenol	0.922	0.898	0.980	0.990	1.089	1.048	1.008	0.991		6.71
18)	Hexachloroethane	0.518	0.501	0.532	0.520	0.574	0.556	0.543	0.535		4.66
19) P	n-Nitroso-di-n...	0.790	0.805	0.808	0.888	0.911	1.005	0.968	0.924	0.887	9.01
20)	3+4-Methylphenols		1.170	1.296	1.325	1.458	1.393	1.338	1.330		7.29
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.493	0.479	0.501	0.491	0.534	0.513	0.489	0.500		3.69
23) S	Nitrobenzene-d5	0.362	0.355	0.390	0.392	0.429	0.415	0.400	0.392		6.77
24)	Nitrobenzene	0.333	0.329	0.353	0.345	0.377	0.362	0.349	0.350		4.73
25)	Isophorone	0.571	0.574	0.634	0.640	0.702	0.679	0.652	0.636		7.73
26) C	2-Nitrophenol	0.107	0.112	0.132	0.147	0.167	0.167	0.167	0.143		18.26
27)	2,4-Dimethylph...	0.295	0.275	0.301	0.299	0.329	0.317	0.308	0.303		5.63
28)	bis(2-Chloroet...	0.407	0.395	0.422	0.417	0.454	0.436	0.420	0.422		4.61
29) C	2,4-Dichloroph...	0.277	0.279	0.311	0.312	0.344	0.334	0.325	0.312		8.26
30)	1,2,4-Trichlor...	0.370	0.349	0.369	0.362	0.397	0.385	0.378	0.373		4.21
31)	Naphthalene	1.033	0.975	1.024	0.988	1.071	1.029	0.992	1.016		3.26
32)	Benzoic acid		0.100	0.139	0.164	0.195	0.194	0.199	0.165		23.89
33)	4-Chloroaniline	0.398	0.397	0.427	0.429	0.465	0.453	0.437	0.429		6.00
34) C	Hexachlorobuta...	0.222	0.209	0.222	0.221	0.244	0.239	0.235	0.228		5.37
35)	Caprolactam		0.064	0.081	0.087	0.096	0.093	0.090	0.085		13.87
36) C	4-Chloro-3-met...	0.258	0.256	0.288	0.295	0.326	0.313	0.302	0.291		9.10
37)	2-Methylnaphth...	0.611	0.595	0.638	0.635	0.693	0.671	0.647	0.641		5.19
38)	1-Methylnaphth...	0.651	0.629	0.674	0.673	0.736	0.707	0.681	0.679		5.17

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM070925.M

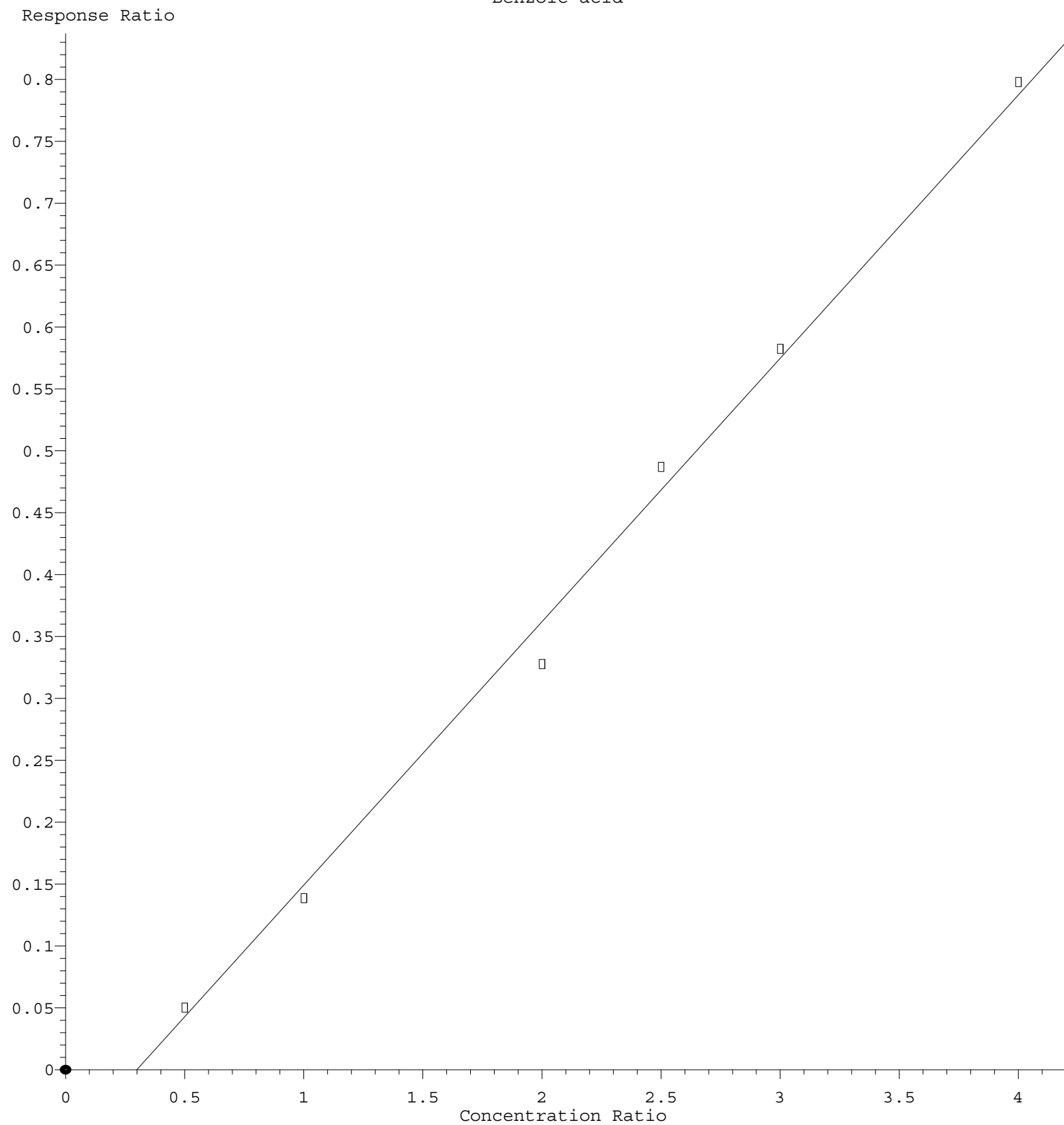
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.590	0.569	0.611	0.622	0.700	0.683	0.677	0.636	7.93
41) P	Hexachlorocycl...	0.320	0.361	0.396	0.450	0.454	0.459	0.407		14.08
42) S	2,4,6-Tribromo...	0.182	0.195	0.230	0.248	0.285	0.280	0.280	0.243	17.40
43) C	2,4,6-Trichlor...	0.330	0.335	0.377	0.394	0.443	0.434	0.427	0.391	11.81
44)	2,4,5-Trichlor...	0.359	0.376	0.415	0.430	0.484	0.470	0.460	0.428	11.13
45) S	2-Fluorobiphenyl	1.572	1.538	1.611	1.592	1.753	1.697	1.575	1.620	4.74
46)	1,1'-Biphenyl	1.464	1.419	1.479	1.441	1.586	1.527	1.471	1.484	3.79
47)	2-Chloronaphth...	1.164	1.126	1.187	1.150	1.267	1.217	1.171	1.183	3.93
48)	2-Nitroaniline	0.197	0.211	0.253	0.278	0.312	0.302	0.295	0.264	17.17
49)	Acenaphthylene	1.645	1.658	1.795	1.775	1.956	1.875	1.811	1.788	6.21
50)	Dimethylphthalate	1.323	1.285	1.368	1.351	1.506	1.432	1.373	1.377	5.29
51)	2,6-Dinitrotol...	0.196	0.224	0.263	0.273	0.308	0.297	0.289	0.264	15.41
52) C	Acenaphthene	1.086	1.050	1.126	1.111	1.231	1.196	1.158	1.137	5.51
53)	3-Nitroaniline	0.204	0.231	0.278	0.294	0.330	0.319	0.311	0.281	16.81
54) P	2,4-Dinitrophenol	0.074	0.097	0.117	0.140	0.147	0.150	0.121		25.40
55)	Dibenzofuran	1.747	1.674	1.756	1.709	1.880	1.784	1.711	1.751	3.84
56) P	4-Nitrophenol	0.182	0.225	0.245	0.276	0.265	0.258	0.242		14.15
57)	2,4-Dinitrotol...	0.234	0.277	0.340	0.371	0.422	0.407	0.401	0.350	20.31
58)	Fluorene	1.348	1.328	1.428	1.419	1.582	1.522	1.470	1.443	6.29
59)	2,3,4,6-Tetrac...	0.299	0.306	0.355	0.365	0.405	0.397	0.392	0.360	11.92
60)	Diethylphthalate	1.217	1.210	1.319	1.309	1.454	1.379	1.320	1.315	6.51
61)	4-Chlorophenyl...	0.687	0.673	0.733	0.747	0.839	0.811	0.790	0.754	8.28
62)	4-Nitroaniline	0.192	0.228	0.284	0.311	0.350	0.331	0.320	0.288	20.10
63)	Azobenzene	1.085	1.116	1.234	1.208	1.335	1.272	1.204	1.208	7.15
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.057	0.077	0.094	0.109	0.113	0.117	0.095		24.90
66) c	n-Nitrosodiphe...	0.572	0.577	0.620	0.623	0.678	0.658	0.654	0.626	6.49
67)	4-Bromophenyl-...	0.196	0.194	0.211	0.218	0.242	0.240	0.241	0.220	9.61
68)	Hexachlorobenzene	0.239	0.233	0.253	0.256	0.283	0.279	0.278	0.260	7.78
69)	Atrazine	0.166	0.175	0.199	0.211	0.232	0.228	0.227	0.206	12.95
70) C	Pentachlorophenol	0.122	0.145	0.161	0.181	0.180	0.183	0.162		15.23
71)	Phenanthrene	1.119	1.070	1.119	1.101	1.206	1.163	1.143	1.132	3.91
72)	Anthracene	1.028	1.017	1.109	1.117	1.233	1.204	1.179	1.127	7.44
73)	Carbazole	0.939	0.944	1.009	1.010	1.108	1.073	1.052	1.019	6.23
74)	Di-n-butylphth...	0.954	0.961	1.091	1.140	1.252	1.216	1.196	1.116	10.76
75) C	Fluoranthene	1.088	1.079	1.182	1.233	1.366	1.339	1.327	1.230	9.67
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.370	0.521	0.553	0.601	0.552	0.464	0.510		16.08
78)	Pyrene	1.198	1.177	1.260	1.260	1.388	1.366	1.316	1.281	6.26
79) S	Terphenyl-d14	1.095	1.110	1.225	1.258	1.298	1.094	0.878	1.137	12.43
80)	Butylbenzylpht...	0.317	0.334	0.401	0.441	0.492	0.491	0.479	0.422	17.39
81)	Benzo(a)anthra...	1.204	1.202	1.282	1.282	1.428	1.379	1.345	1.303	6.57
82)	3,3'-Dichlorob...	0.351	0.406	0.429	0.498	0.487	0.465	0.439		12.66
83)	Chrysene	1.162	1.153	1.200	1.209	1.327	1.303	1.249	1.229	5.45
84)	Bis(2-ethylhex...	0.499	0.546	0.658	0.705	0.780	0.763	0.742	0.670	16.33
85) c	Di-n-octyl pht...	0.742	0.931	1.058	1.193	1.194	1.183	1.050		17.44

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.208	1.238	1.374	1.415	1.603	1.564	1.551	1.422	11.17	
88)	Benzo(b)fluora...	1.090	1.075	1.177	1.230	1.368	1.344	1.327	1.230	9.83	
89)	Benzo(k)fluora...	1.105	1.138	1.247	1.263	1.444	1.387	1.350	1.276	9.86	
90) C	Benzo(a)pyrene	0.962	0.985	1.099	1.156	1.314	1.281	1.264	1.152	12.41	
91)	Dibenzo(a,h)an...	1.022	1.035	1.159	1.193	1.352	1.320	1.301	1.198	11.23	
92)	Benzo(g,h,i)pe...	0.992	1.001	1.097	1.121	1.263	1.232	1.216	1.132	9.73	

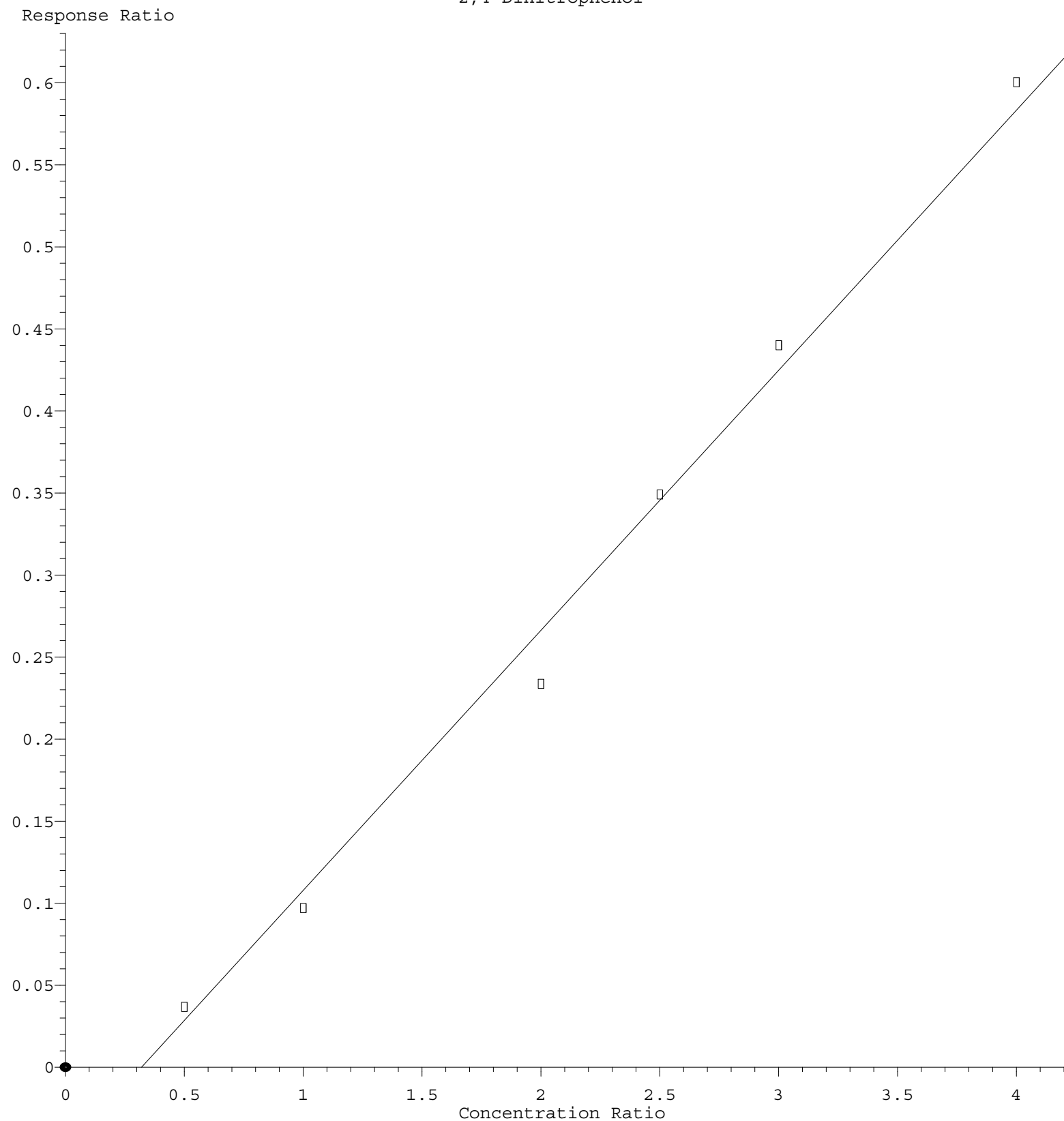
(#) = Out of Range

Benzoic acid



Response = $2.127 \times 10^{-1} \times \text{Amt} - 6.353 \times 10^{-2}$
Coef of Det (r^2) = 0.995611 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

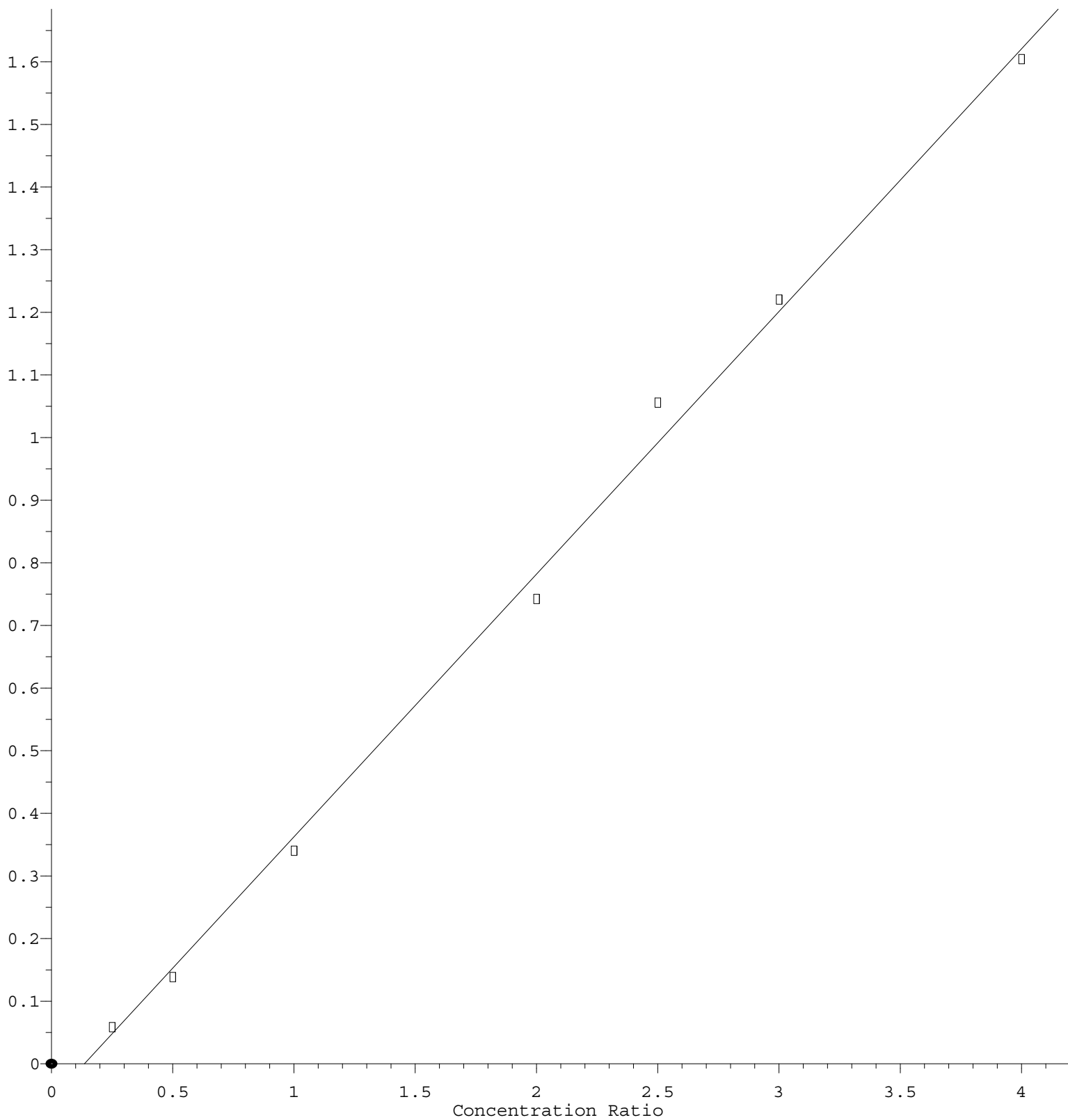
2,4-Dinitrophenol



$\text{Response} = 1.586\text{e-}001 * \text{Amt} - 5.080\text{e-}002$
 Coef of Det (r^2) = 0.992540 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
 Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

2,4-Dinitrotoluene

Response Ratio



$$\text{Response} = 4.196\text{e-}001 * \text{Amt} - 5.715\text{e-}002$$

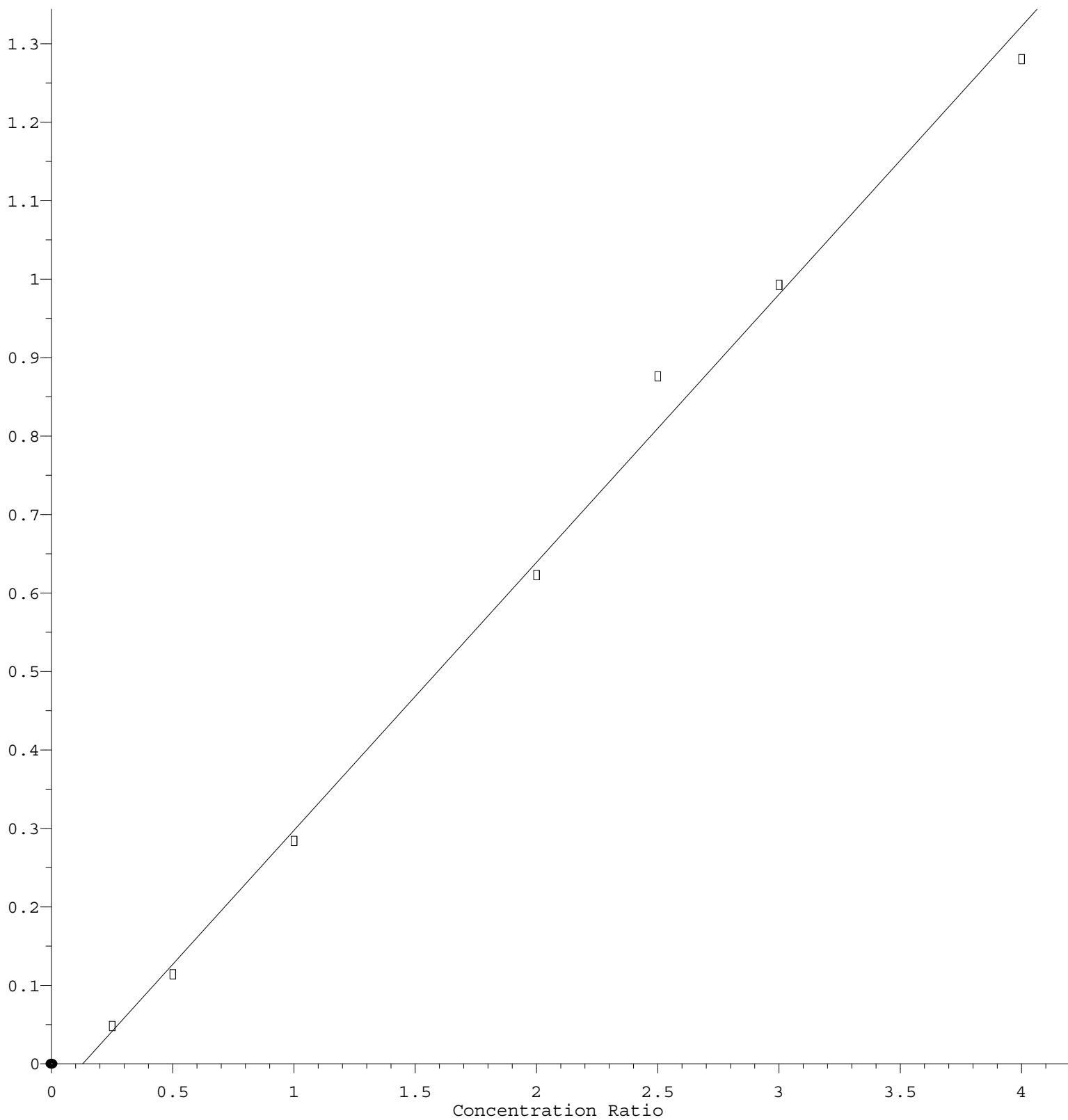
Coef of Det (r^2) = 0.996987 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M

Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

4-Nitroaniline

Response Ratio



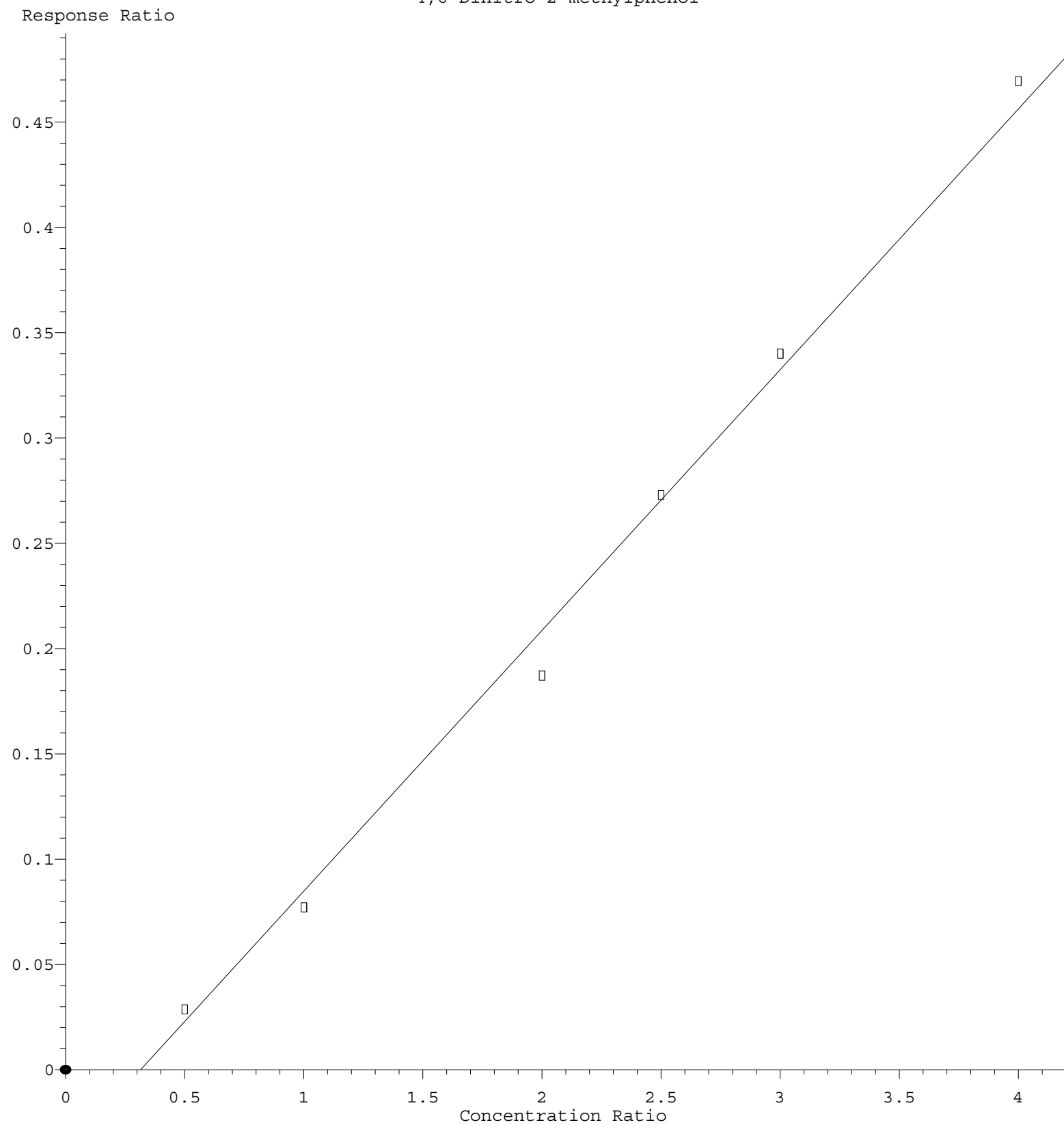
$$\text{Response} = 3.416\text{e-}001 * \text{Amt} - 4.419\text{e-}002$$

Coef of Det (r^2) = 0.996508 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M

Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

4,6-Dinitro-2-methylphenol



Response = $1.238 \times 10^{-1} \times \text{Amt} - 3.901 \times 10^{-2}$
Coef of Det (r^2) = 0.994498 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050377.D
 Acq On : 08 Jul 2025 12:39
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

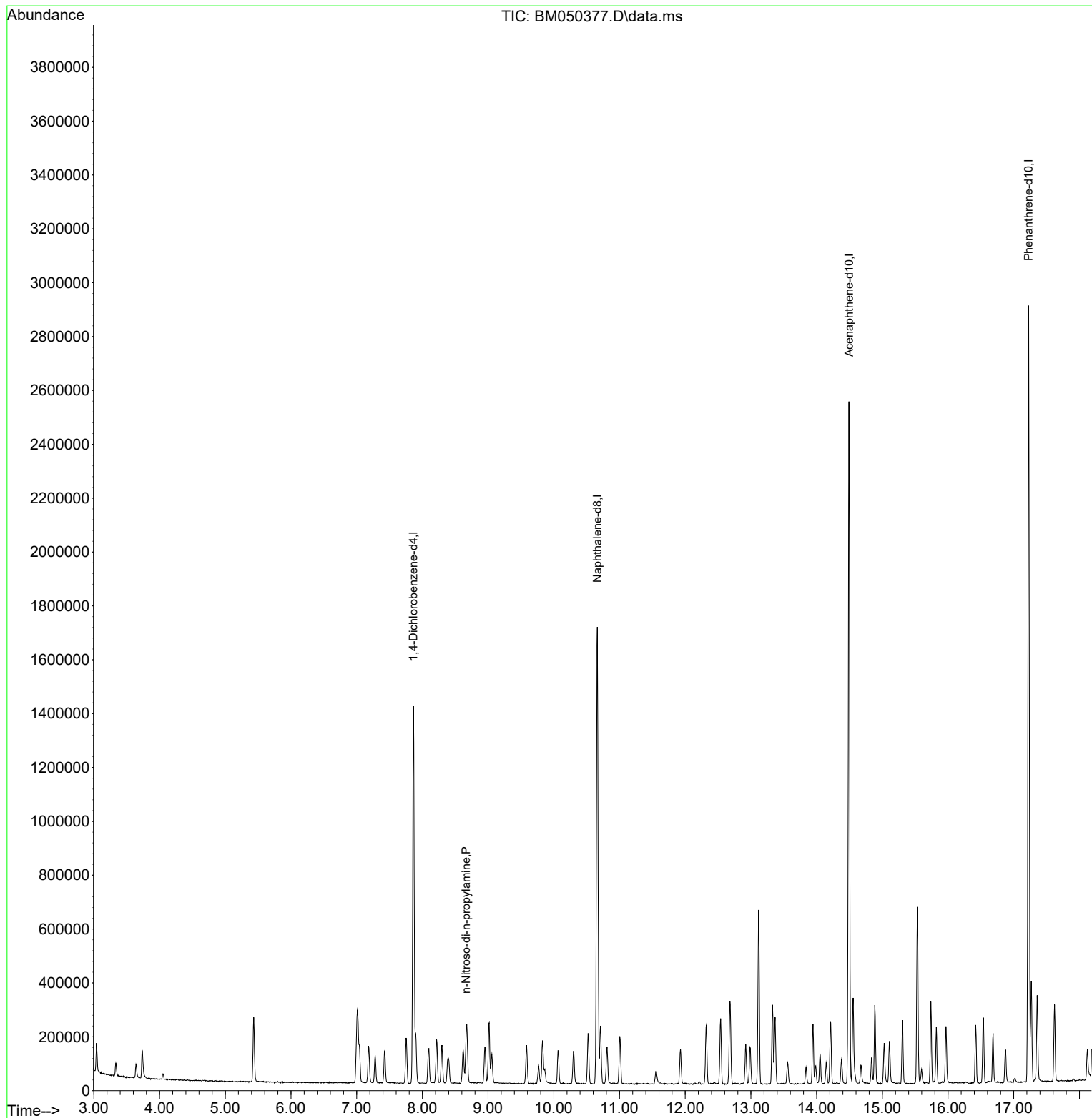
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	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...	8.663	70	37375	2.226	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

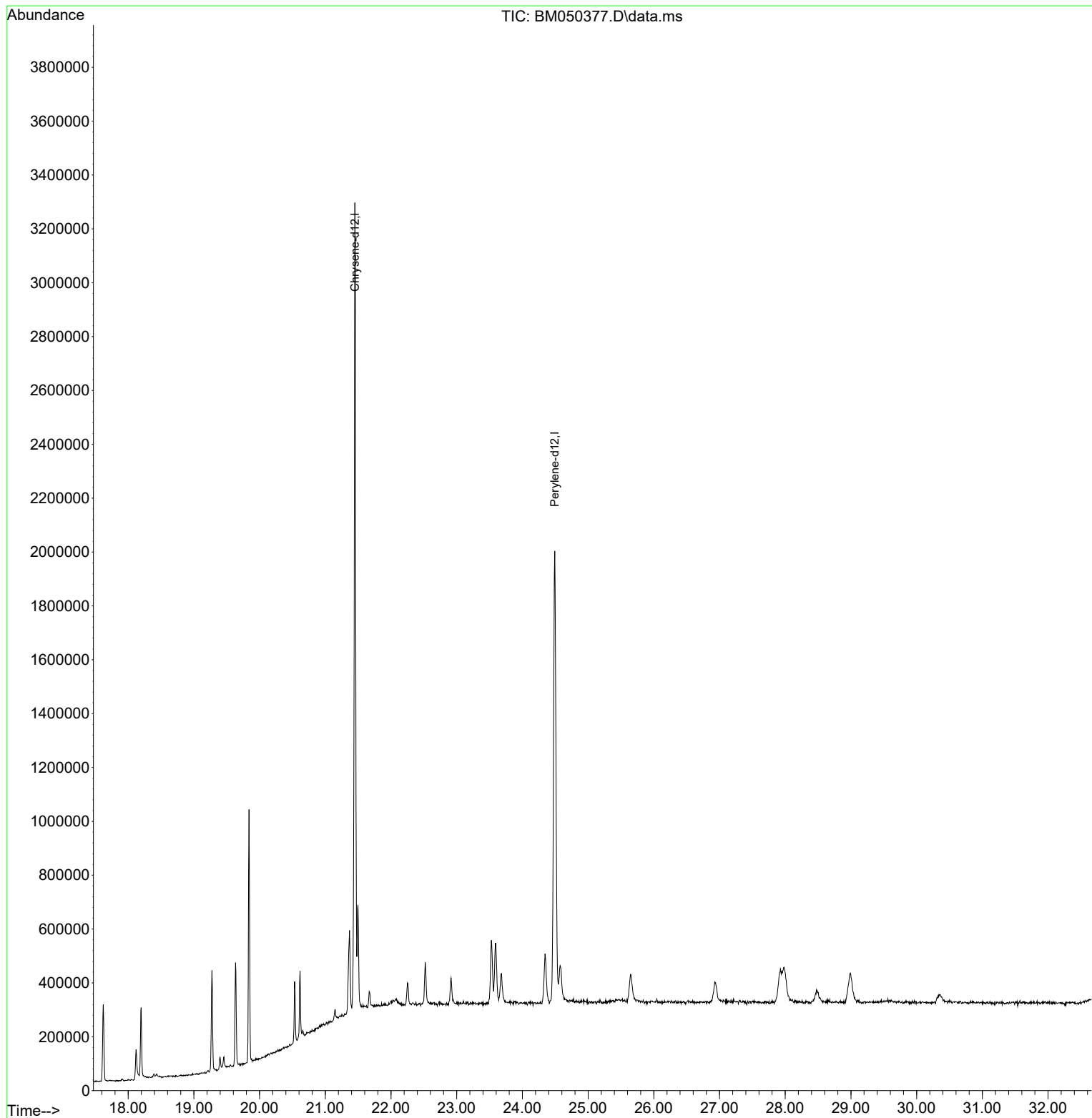
Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

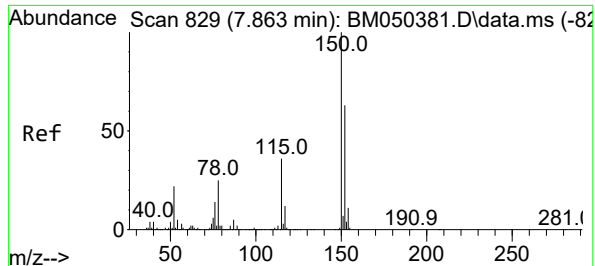


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

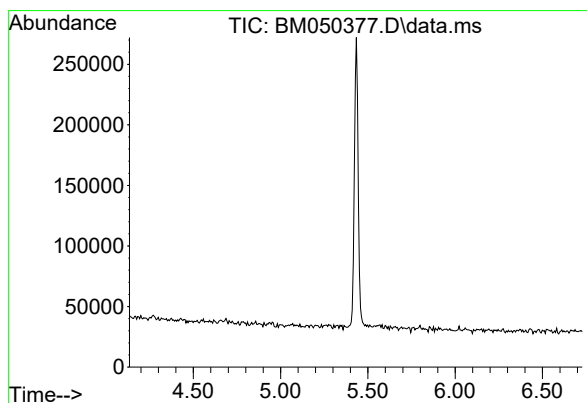
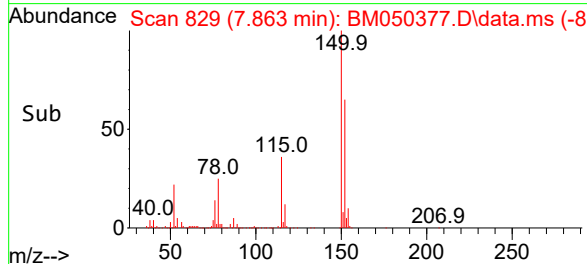
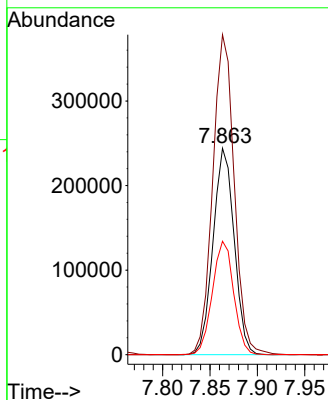
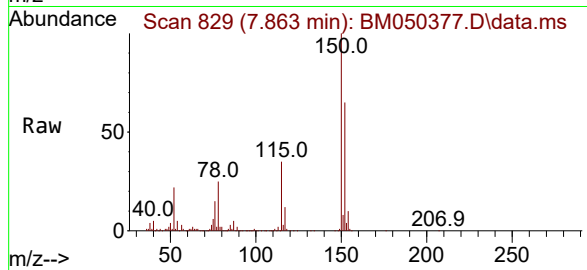




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

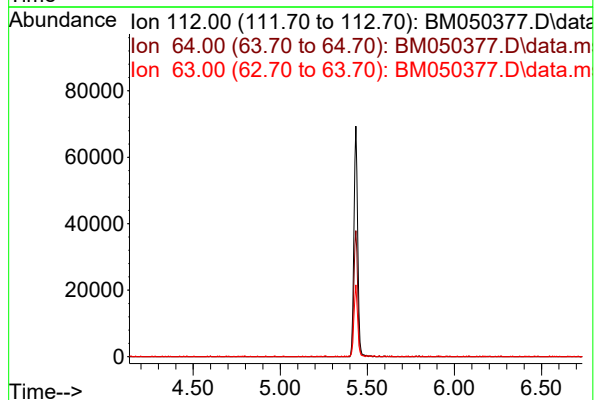
Tgt Ion:152 Resp: 378493
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 55.0 45.8 68.8

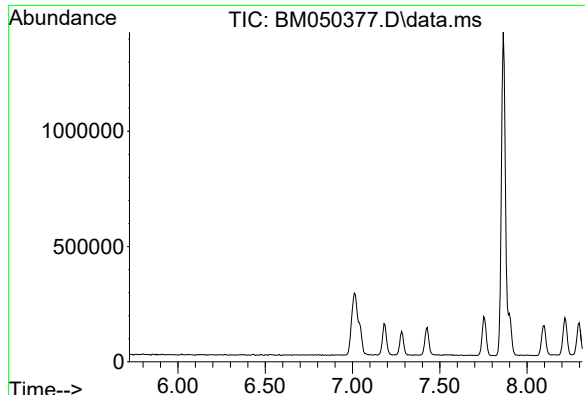


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.9
63 30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.02 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

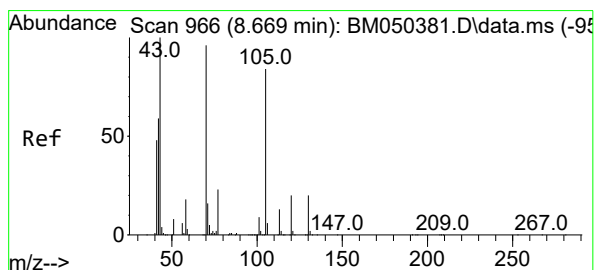
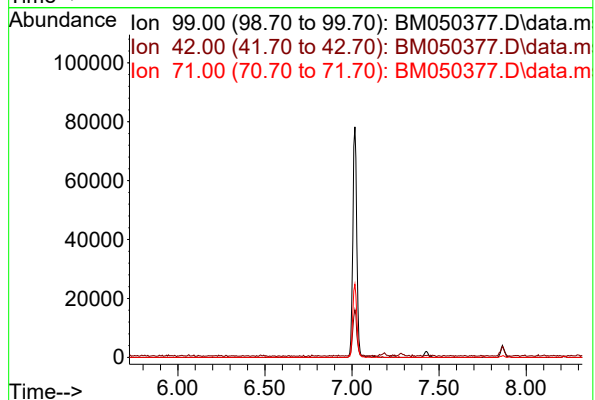
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.8

71 32.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.226 ng

RT: 8.663 min Scan# 965

Delta R.T. -0.006 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

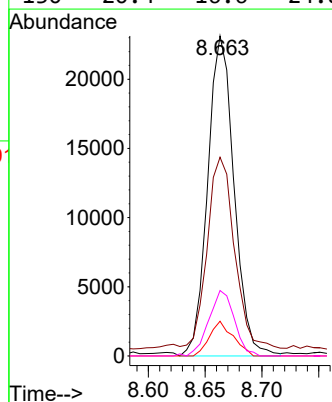
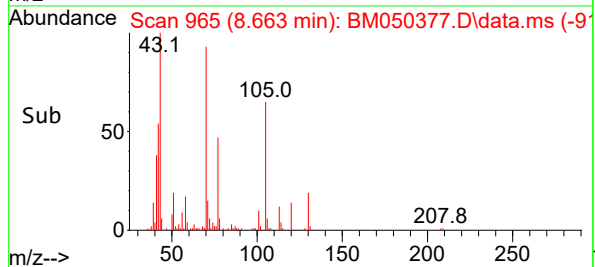
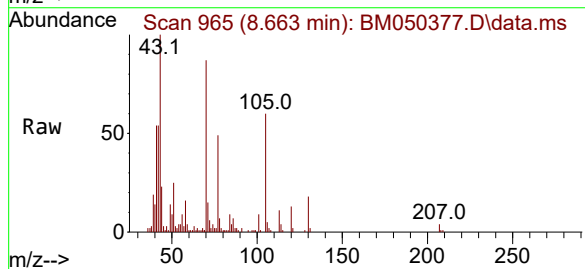
Ion Ratio Lower Upper

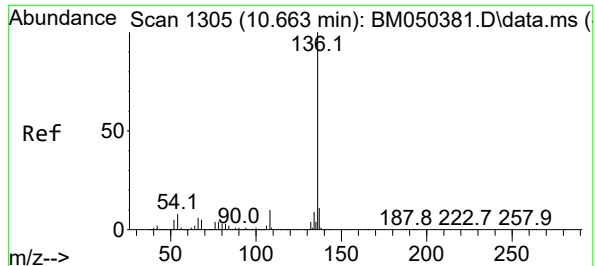
70 100

42 62.1 49.7 74.5

101 10.8 7.7 11.5

130 20.4 16.6 24.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1426576

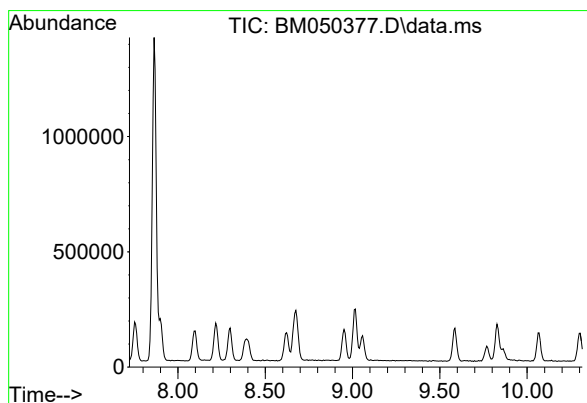
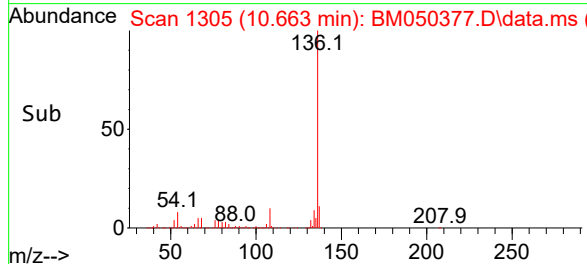
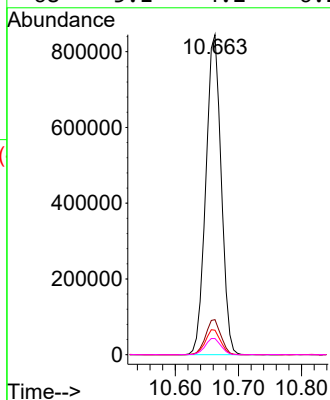
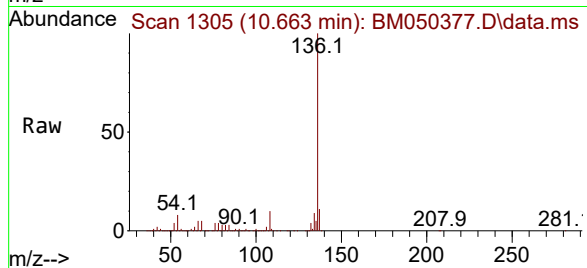
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.3 9.5

68 5.1 4.2 6.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.02 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

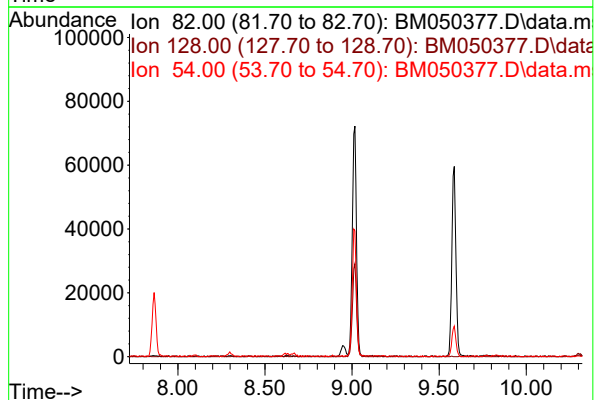
Tgt Ion: 82

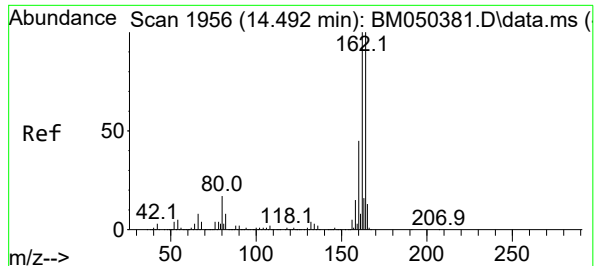
Sig Exp Ratio

82 100

128 44.0

54 51.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050377.D

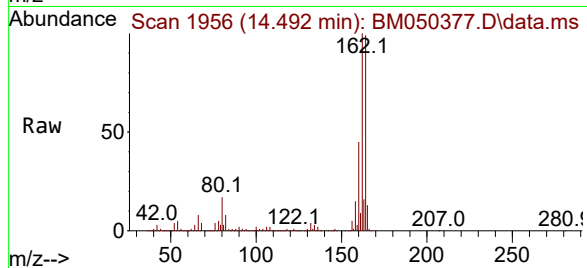
Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



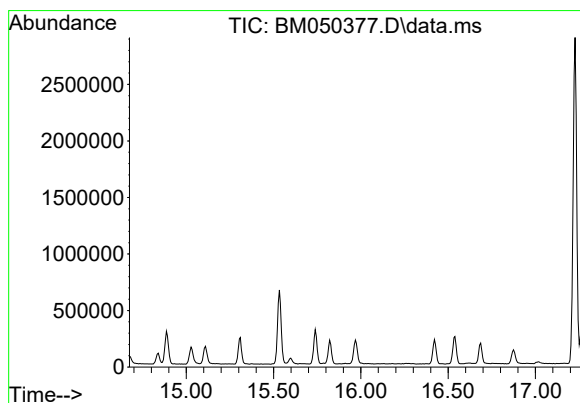
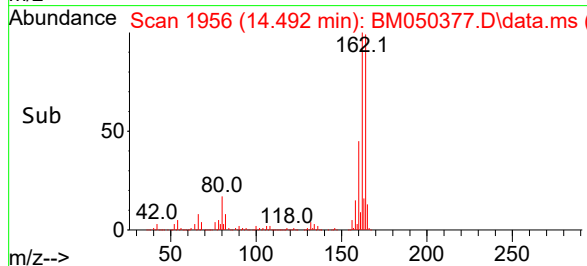
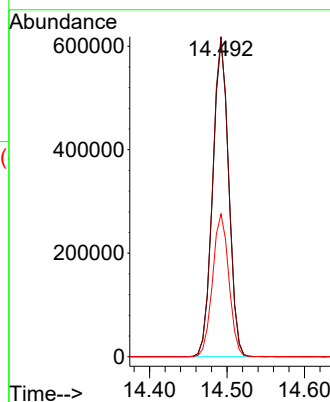
Tgt Ion:164 Resp: 874661

Ion	Ratio	Lower	Upper

164	100		

162	101.5	79.9	119.9

160	45.2	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.97 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

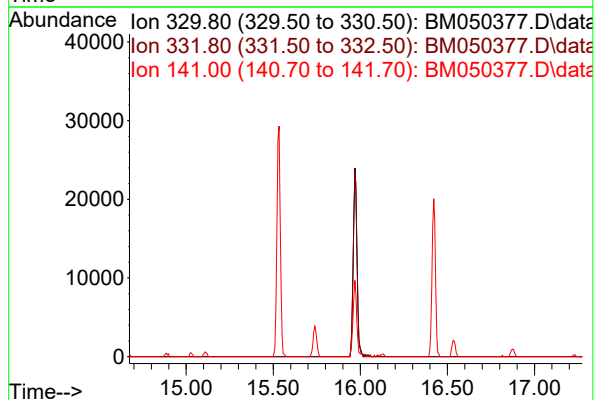
Tgt Ion: 330

Sig	Exp Ratio

330	100

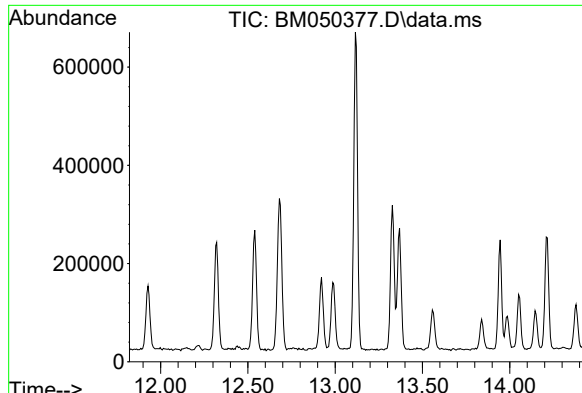
332	96.1

141	34.2



Ion 331.80 (331.50 to 332.50): BM050377.D\data.ms

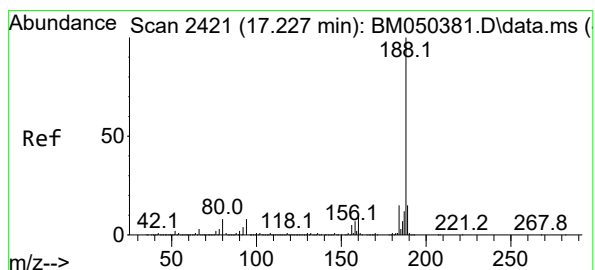
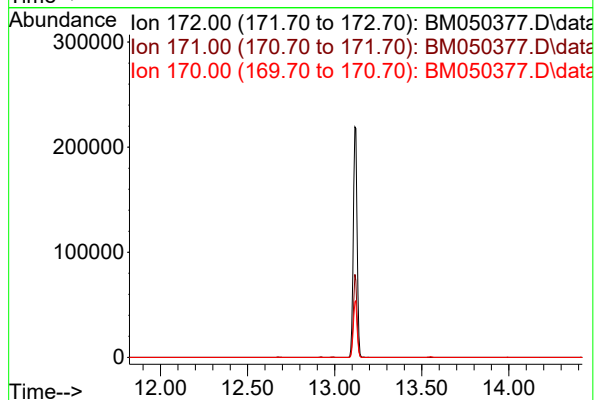
Ion 141.00 (140.70 to 141.70): BM050377.D\data.ms



#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

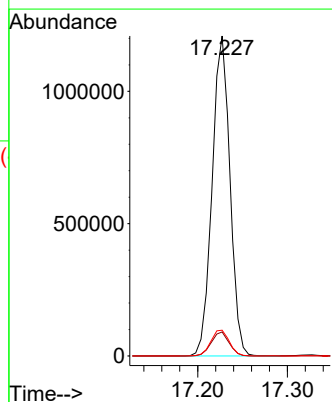
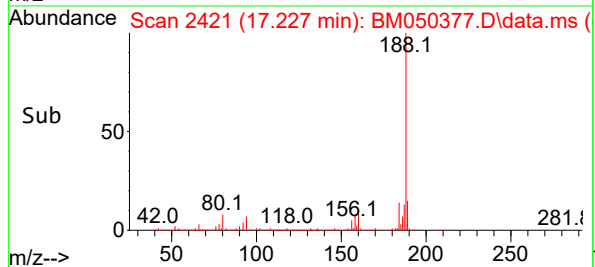
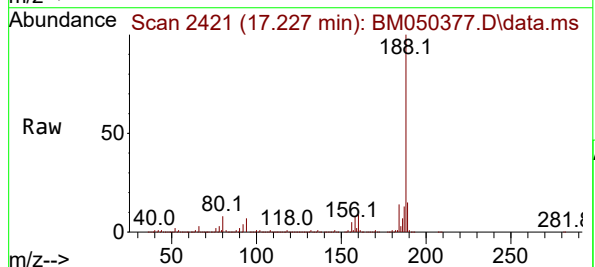
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

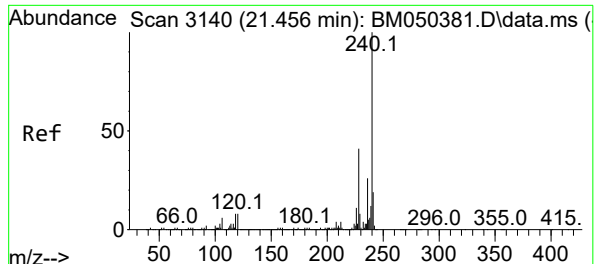
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.6
170 23.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 188 Resp: 1666049
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.0 6.5 9.7

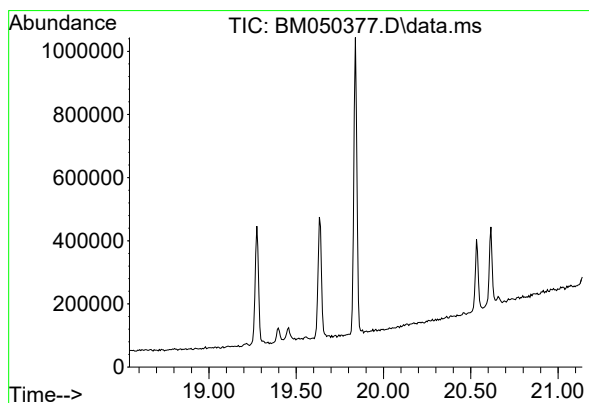
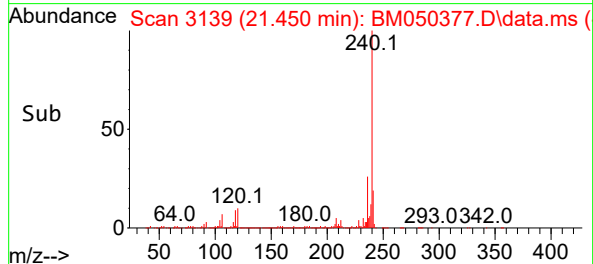
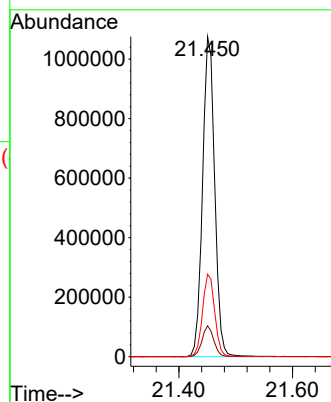
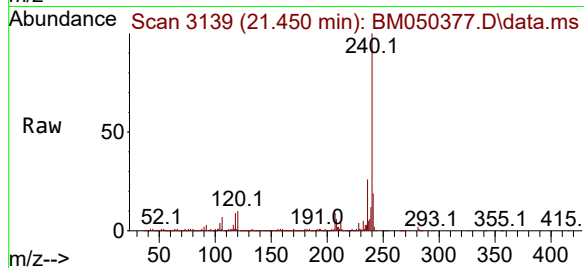




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

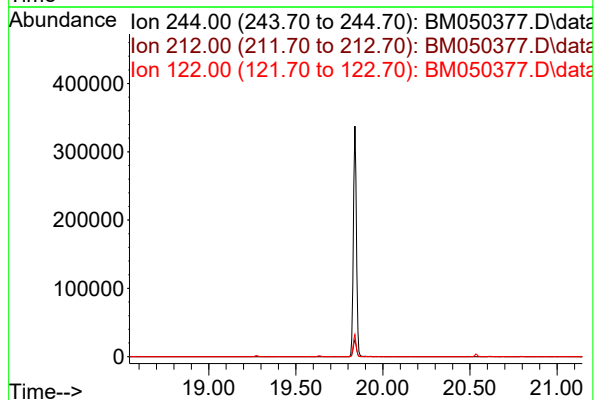
Tgt Ion:240 Resp: 1594000
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.8 20.7 31.1

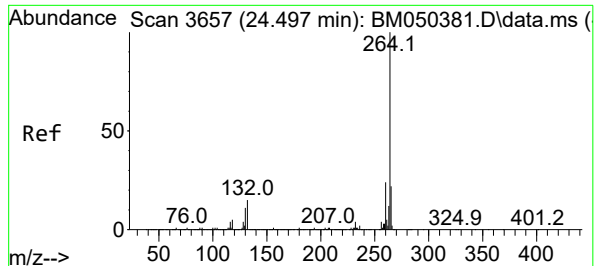


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

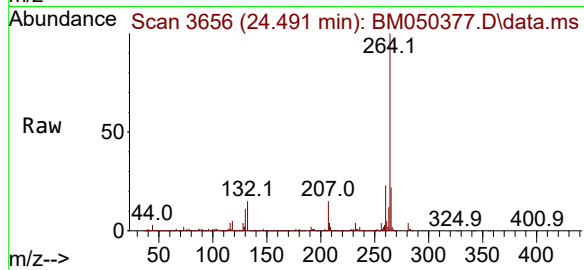
Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.1
122 7.7



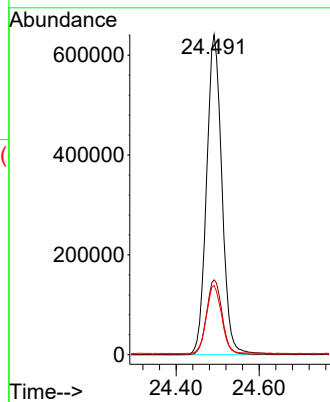
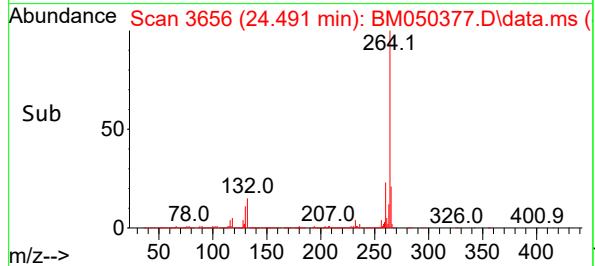


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5



Tgt Ion:264 Resp: 1645810
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050378.D
 Acq On : 08 Jul 2025 13:19
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 08 18:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	332042	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1221582	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	768894	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1453955	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1431554	20.000	ng	0.00
86) Perylene-d12	24.491	264	1410719	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186878	9.688	ng	0.00
7) Phenol-d6	7.016	99	226950	9.333	ng	0.00
23) Nitrobenzene-d5	9.016	82	221107	9.234	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	69925	7.485	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	604282	9.705	ng	0.00
79) Terphenyl-d14	19.839	244	783562	9.630	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.334	88	41862	5.278	ng	99
3) Pyridine	3.734	79	103718	4.981	ng	94
6) Aniline	7.187	93	148080	4.745	ng	99
8) 2-Chlorophenol	7.428	128	94226	4.632	ng	98
10) Phenol	7.045	94	121196	4.778	ng	100
11) bis(2-Chloroethyl)ether	7.281	93	99772	4.912	ng	97
12) 1,3-Dichlorobenzene	7.757	146	124875	5.049	ng	99
13) 1,4-Dichlorobenzene	7.898	146	128887	5.103	ng	98
14) 1,2-Dichlorobenzene	8.216	146	122972	5.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	152357	5.092	ng	99
17) 2-Methylphenol	8.298	107	76571	4.655	ng	97
18) Hexachloroethane	8.951	117	42990	4.840	ng	97
19) n-Nitroso-di-n-propyla...	8.663	70	66842	4.537	ng	96
22) Acetophenone	8.681	105	150473	4.927	ng	# 98
24) Nitrobenzene	9.057	77	101661	4.758	ng	97
25) Isophorone	9.586	82	174388	4.488	ng	99
26) 2-Nitrophenol	9.769	139	32805	3.767	ng	91
27) 2,4-Dimethylphenol	9.828	122	90013	4.858	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	124150	4.822	ng	97
29) 2,4-Dichlorophenol	10.304	162	84485	4.438	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	112916	4.958	ng	98
31) Naphthalene	10.710	128	315550	5.086	ng	99
33) 4-Chloroaniline	10.810	127	121575	4.635	ng	98
34) Hexachlorobutadiene	11.010	225	67689	4.870	ng	98
36) 4-Chloro-3-methylphenol	11.927	107	78716	4.428	ng	99
37) 2-Methylnaphthalene	12.322	142	186482	4.760	ng	98
38) 1-Methylnaphthalene	12.539	142	198866	4.796	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	113496	4.642	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	63524	4.221	ng	100
44) 2,4,5-Trichlorophenol	12.992	196	68958	4.195	ng	98
46) 1,1'-Biphenyl	13.327	154	281496	4.934	ng	99
47) 2-Chloronaphthalene	13.369	162	223672	4.918	ng	99
48) 2-Nitroaniline	13.563	65	37953	3.738	ng	97
49) Acenaphthylene	14.216	152	316292	4.601	ng	98
50) Dimethylphthalate	13.945	163	254362	4.805	ng	99
51) 2,6-Dinitrotoluene	14.057	165	37711	3.710	ng	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050378.D
 Acq On : 08 Jul 2025 13:19
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 08 18:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

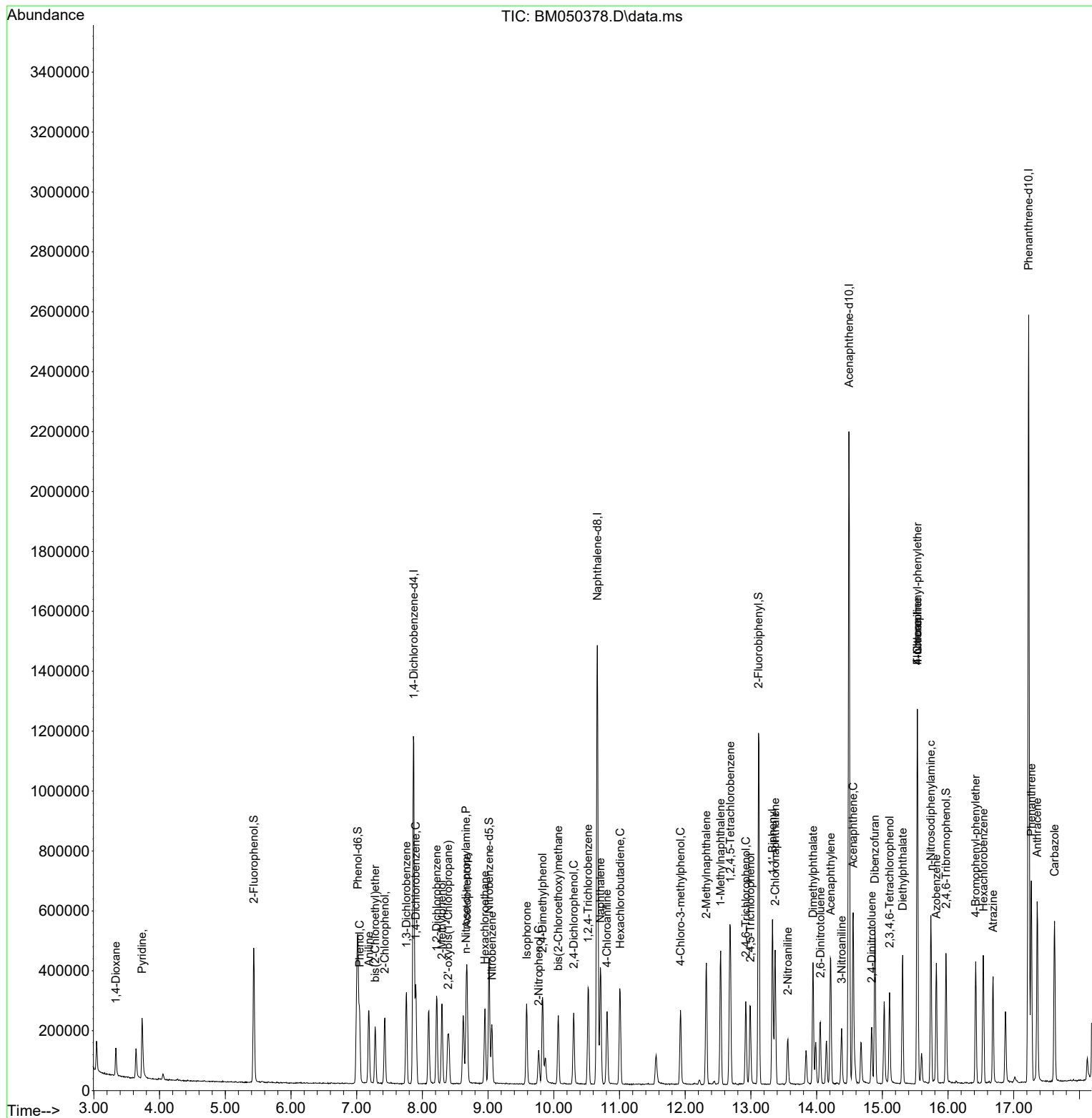
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.557	154	208840	4.779	ng	97
53) 3-Nitroaniline	14.380	138	39220	3.628	ng #	85
55) Dibenzofuran	14.886	168	335867	4.988	ng	99
57) 2,4-Dinitrotoluene	14.839	165	44983	5.513	ng #	87
58) Fluorene	15.533	166	259083	4.671	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	57532	4.158	ng	95
60) Diethylphthalate	15.310	149	233863	4.625	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	132153	4.557	ng	94
62) 4-Nitroaniline	15.533	138	36922	5.398	ng	80
63) Azobenzene	15.821	77	208493	4.490	ng	96
66) n-Nitrosodiphenylamine	15.739	169	207747	4.566	ng	98
67) 4-Bromophenyl-phenylether	16.421	248	71279	4.450	ng	92
68) Hexachlorobenzene	16.539	284	86781	4.587	ng	99
69) Atrazine	16.686	200	60444	4.046	ng	97
71) Phenanthrene	17.268	178	406647	4.943	ng	99
72) Anthracene	17.357	178	373674	4.563	ng	99
73) Carbazole	17.621	167	341196	4.605	ng	99
74) Di-n-butylphthalate	18.198	149	346654	4.274	ng	99
75) Fluoranthene	19.274	202	395390	4.421	ng	98
78) Pyrene	19.633	202	428758	4.676	ng	100
80) Butylbenzylphthalate	20.533	149	113580	3.757	ng	94
81) Benzo(a)anthracene	21.433	228	430980	4.620	ng	100
83) Chrysene	21.497	228	415885	4.727	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	178701	3.724	ng	98
87) Indeno(1,2,3-cd)pyrene	27.921	276	426152	4.249	ng	95
88) Benzo(b)fluoranthene	23.527	252	384470	4.431	ng	98
89) Benzo(k)fluoranthene	23.591	252	389878	4.330	ng #	97
90) Benzo(a)pyrene	24.344	252	339308	4.177	ng	97
91) Dibenzo(a,h)anthracene	27.991	278	360576	4.269	ng	98
92) Benzo(g,h,i)perylene	28.985	276	349804	4.382	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

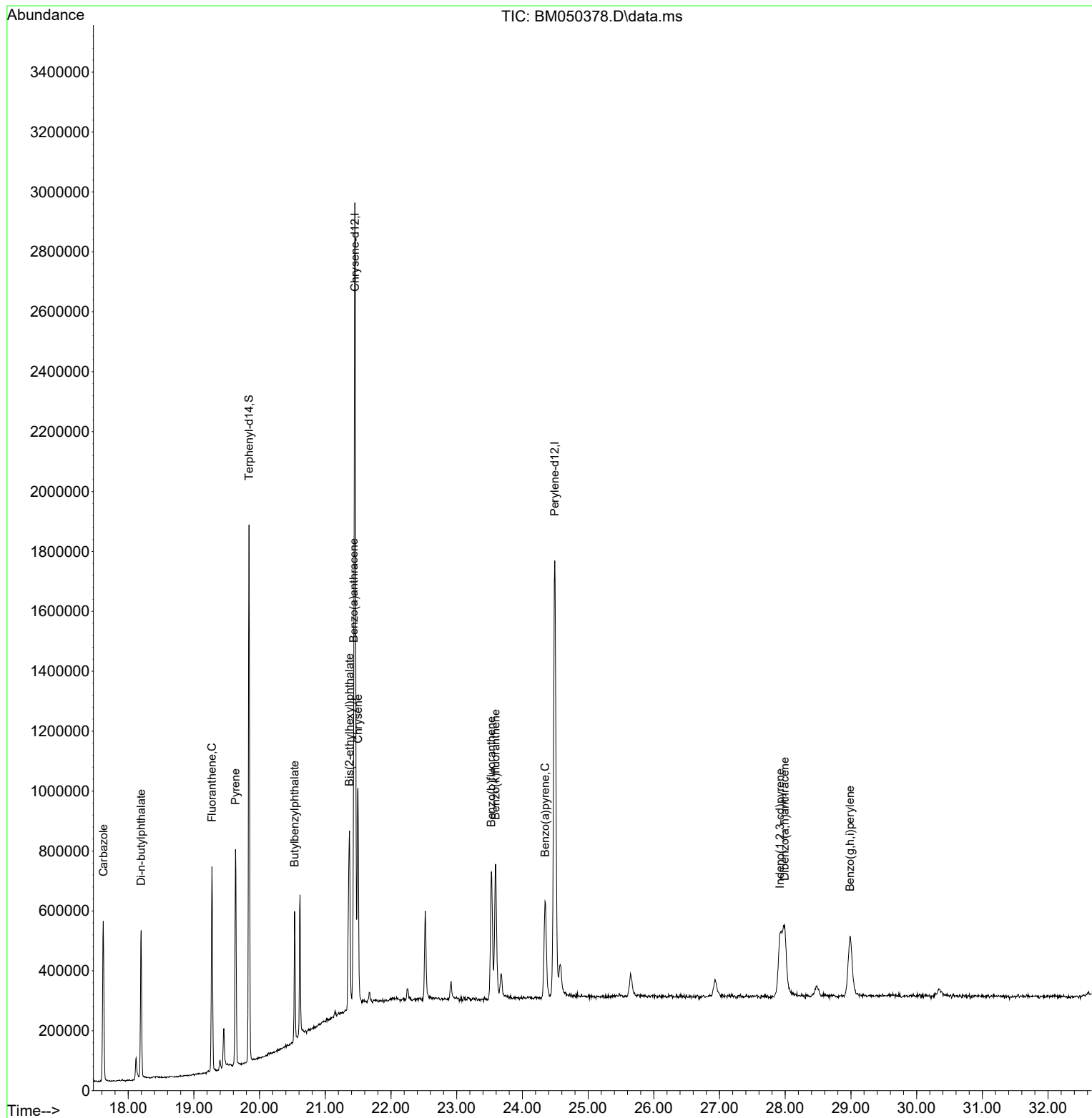
Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

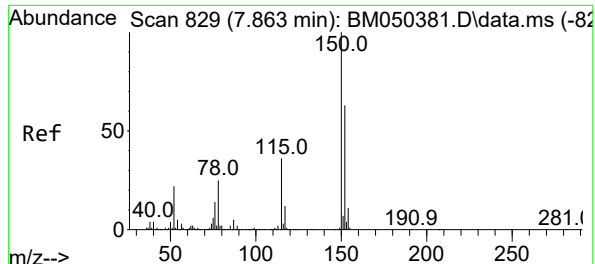


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050378.D
Acq On : 08 Jul 2025 13:19
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Jul 08 18:19:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

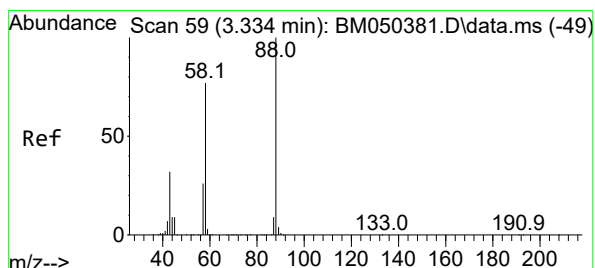
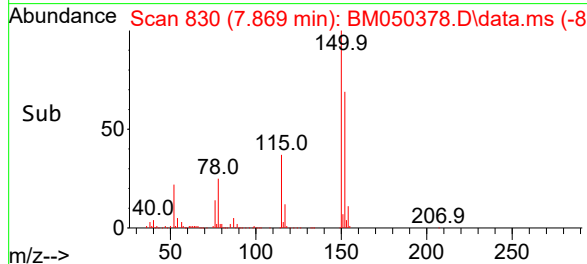
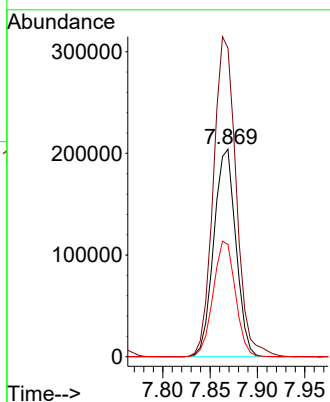
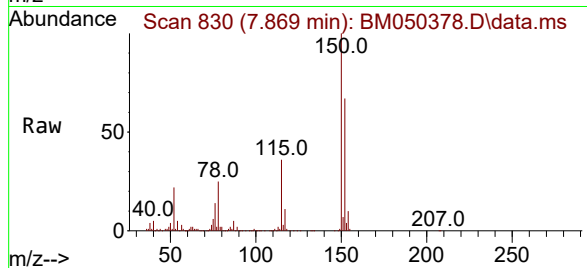




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

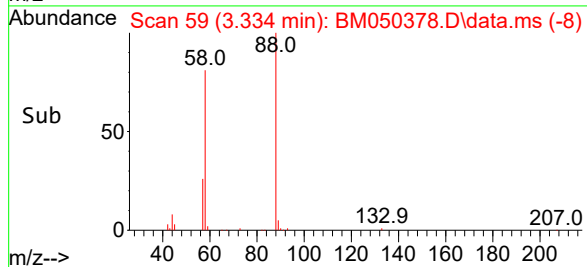
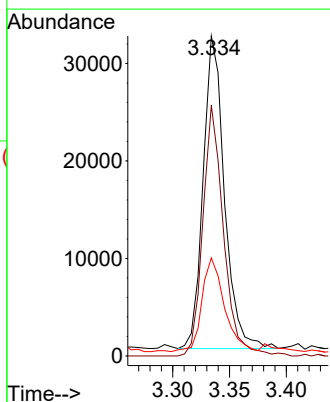
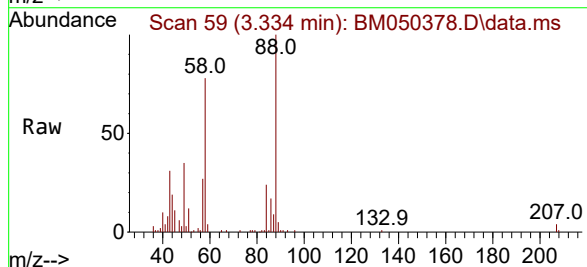
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

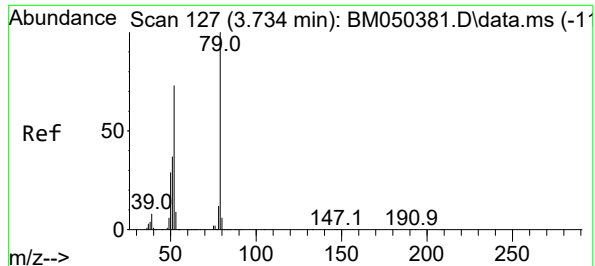
Tgt Ion:152 Resp: 332042
Ion Ratio Lower Upper
152 100
150 148.8 126.2 189.4
115 54.1 45.8 68.8



#2
1,4-Dioxane
Concen: 5.278 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 88 Resp: 41862
Ion Ratio Lower Upper
88 100
58 77.6 61.0 91.6
43 31.5 24.6 37.0

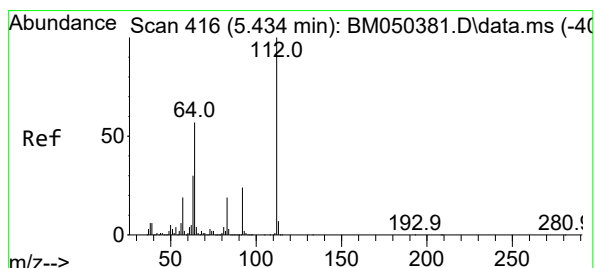
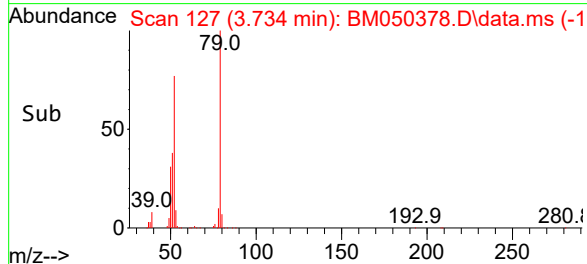
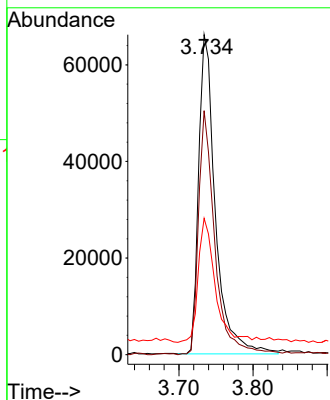
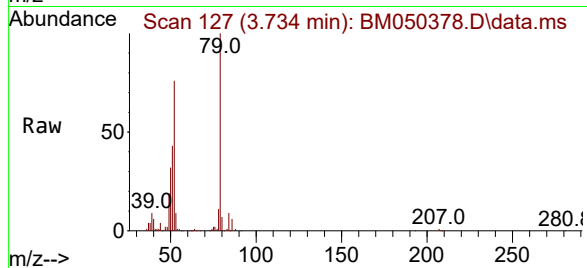




#3
Pyridine
Concen: 4.981 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

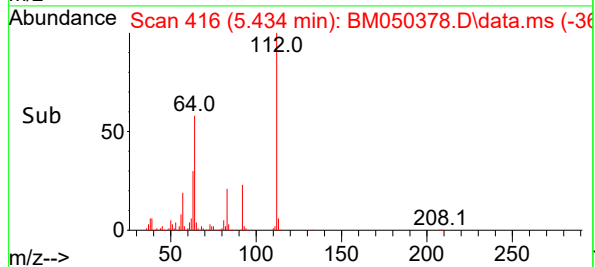
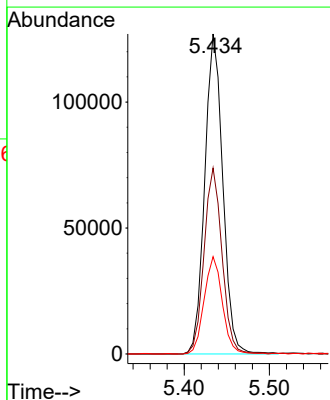
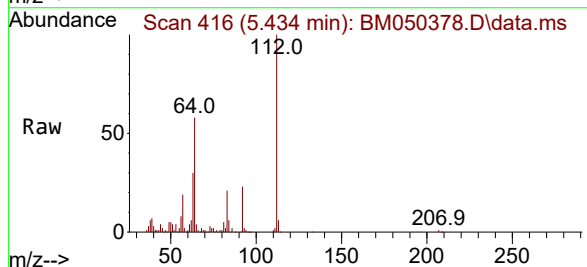
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

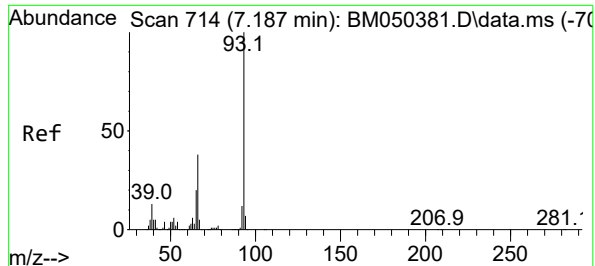
Tgt Ion: 79 Resp: 103718
Ion Ratio Lower Upper
79 100
52 76.3 58.3 87.5
51 42.6 29.6 44.4



#5
2-Fluorophenol
Concen: 9.688 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 112 Resp: 186878
Ion Ratio Lower Upper
112 100
64 58.1 45.5 68.3
63 30.4 24.2 36.4

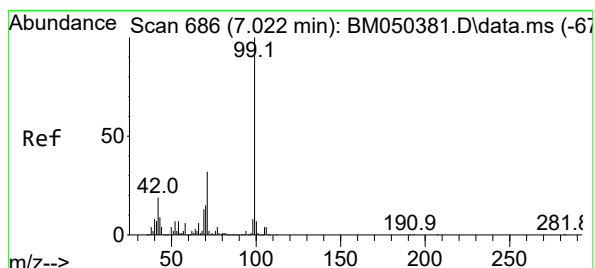
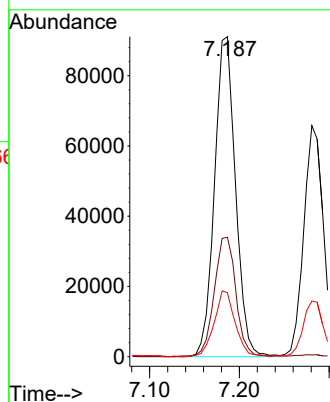
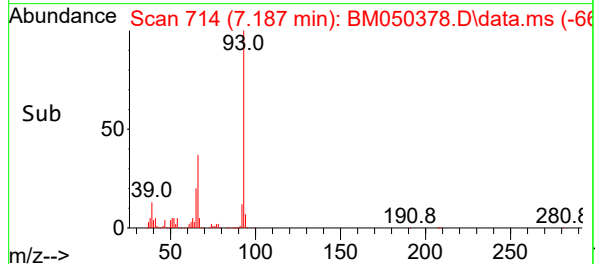
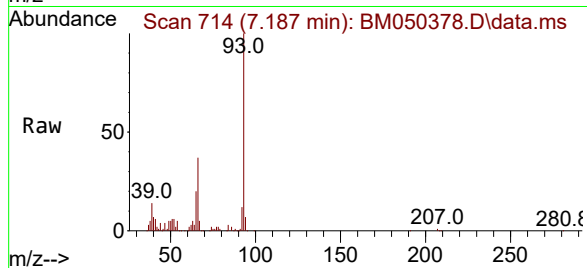




#6
Aniline
Concen: 4.745 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

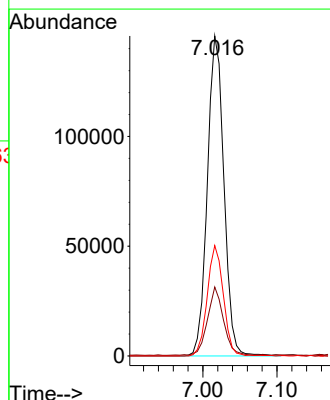
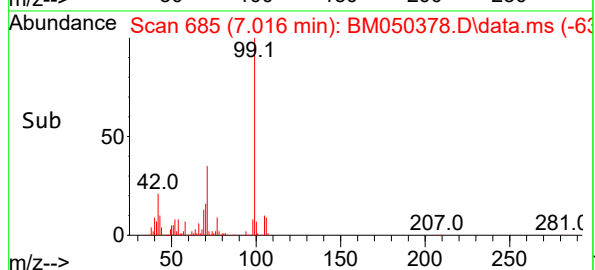
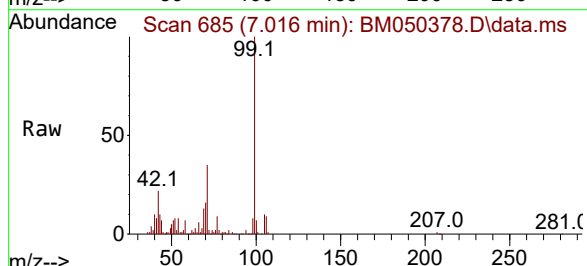
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

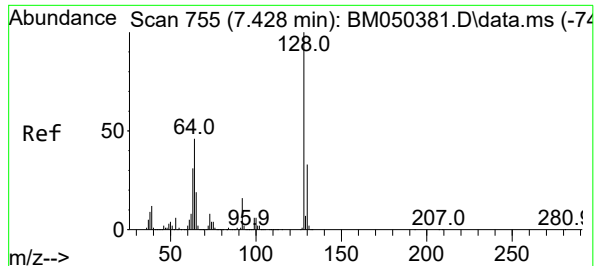
Tgt Ion: 93 Resp: 148080
Ion Ratio Lower Upper
93 100
66 37.4 30.5 45.7
65 20.0 15.9 23.9



#7
Phenol-d6
Concen: 9.333 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 99 Resp: 226950
Ion Ratio Lower Upper
99 100
42 21.6 15.0 22.6
71 34.5 25.9 38.9

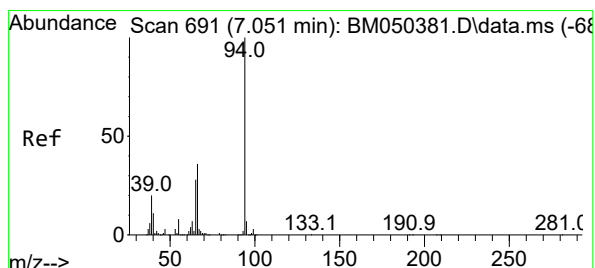
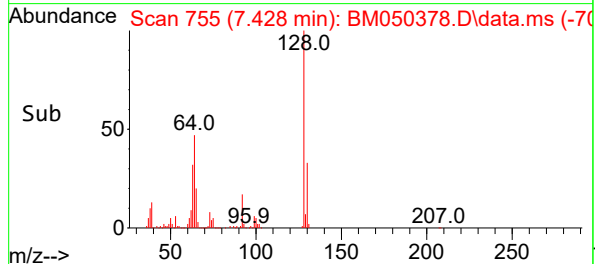
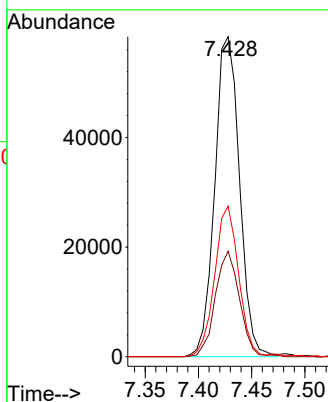
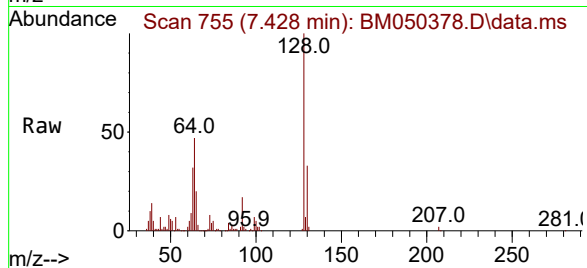




#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

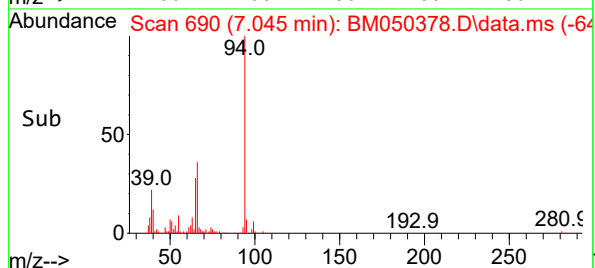
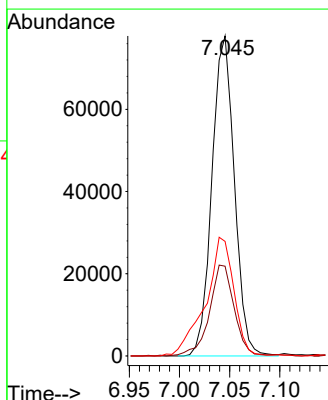
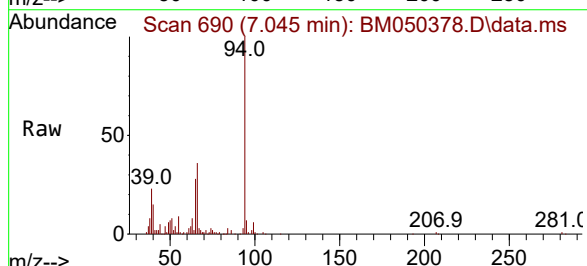
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

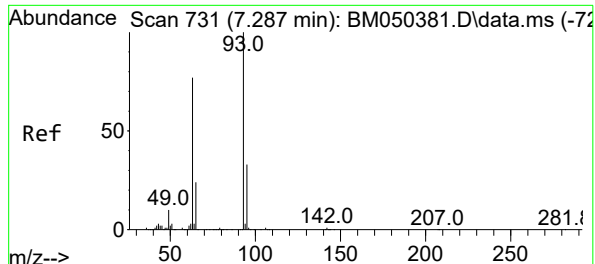
Tgt Ion	128	130	64
Ratio	100	33.0	47.1
Lower		13.3	25.6
Upper		53.3	65.6



#10
Phenol
Concen: 4.778 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion	94	65	66
Ratio	100	28.0	35.8
Lower		8.1	15.8
Upper		48.1	55.8

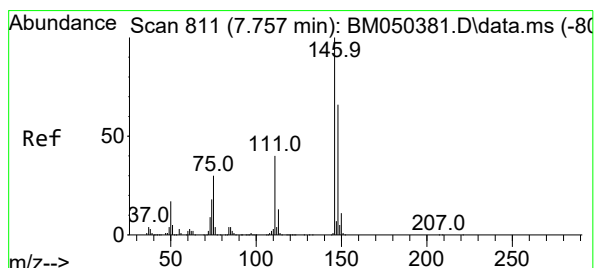
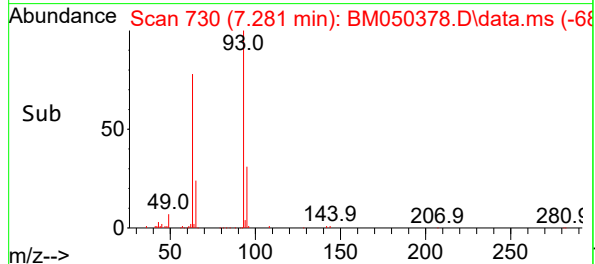
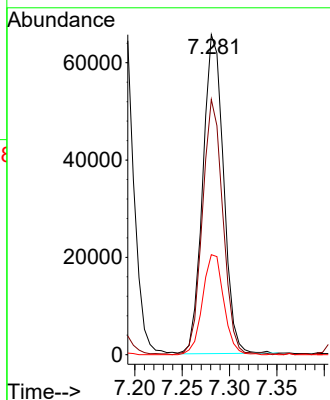
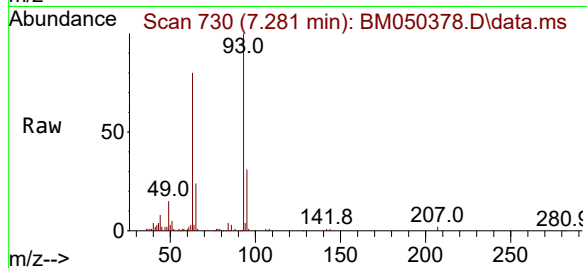




#11
bis(2-Chloroethyl)ether
Concen: 4.912 ng
RT: 7.281 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

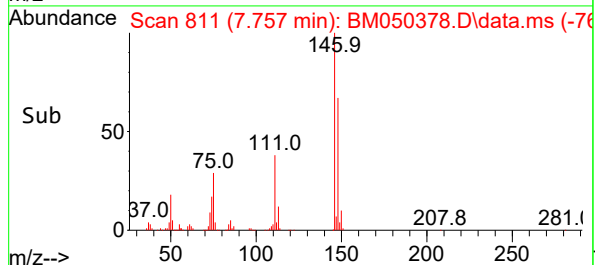
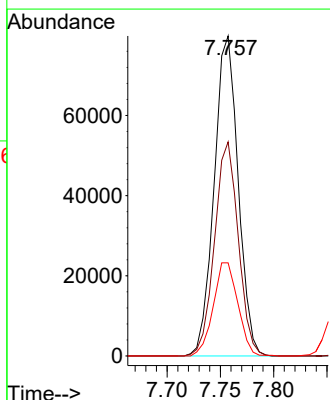
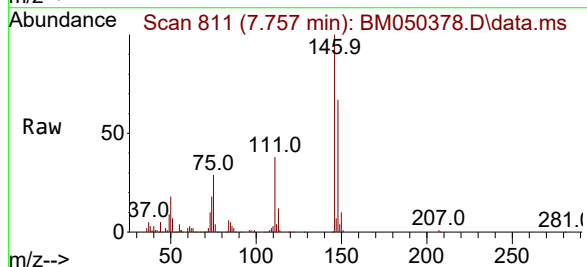
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

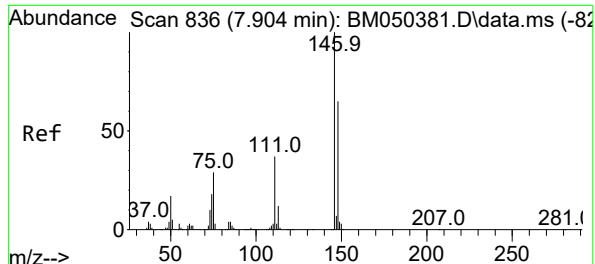
Tgt Ion: 93 Resp: 99772
Ion Ratio Lower Upper
93 100
63 79.7 56.9 96.9
95 31.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 5.049 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 124875
Ion Ratio Lower Upper
146 100
148 66.9 53.2 79.8
75 29.1 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 5.103 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

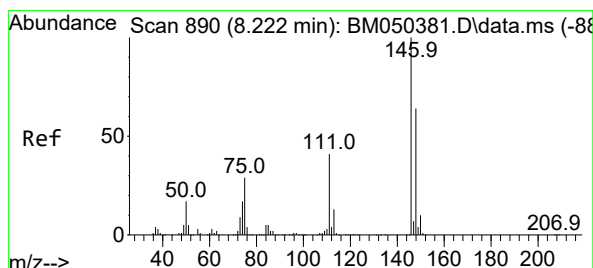
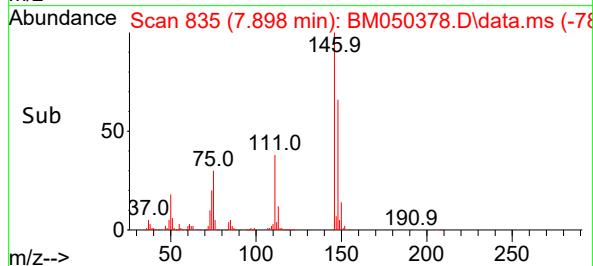
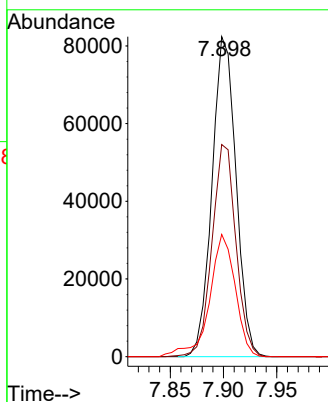
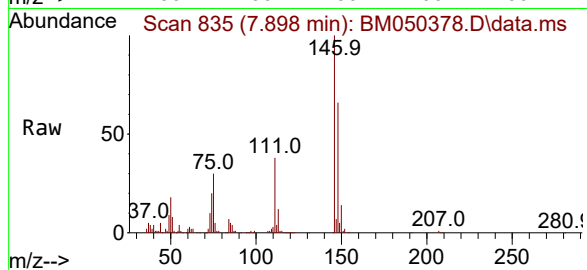
Tgt Ion:146 Resp: 128887

Ion Ratio Lower Upper

146 100

148 66.3 51.9 77.9

111 38.2 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 5.086 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

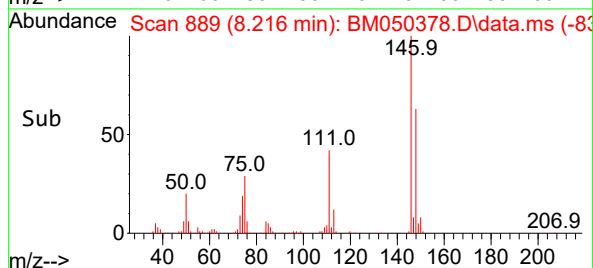
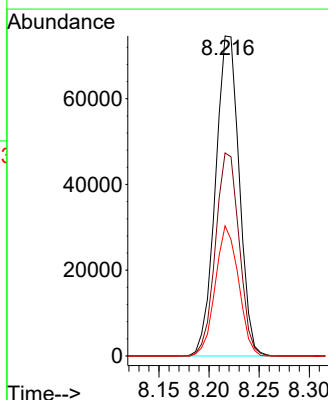
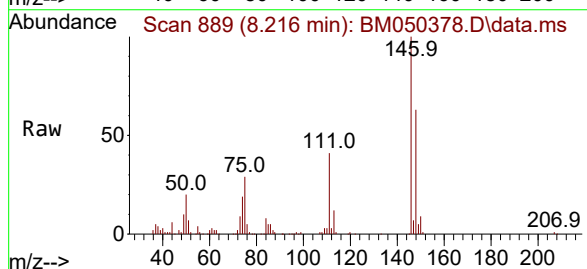
Tgt Ion:146 Resp: 122972

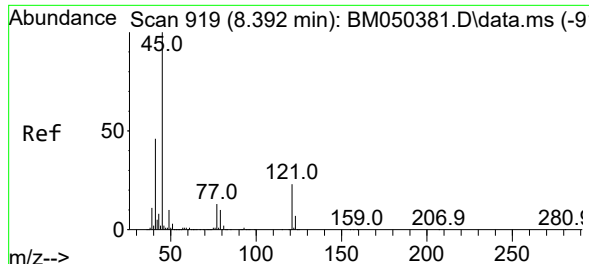
Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 40.7 32.6 49.0

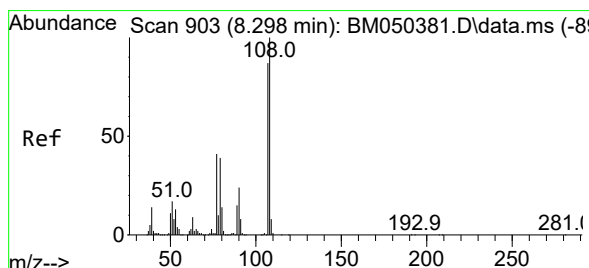
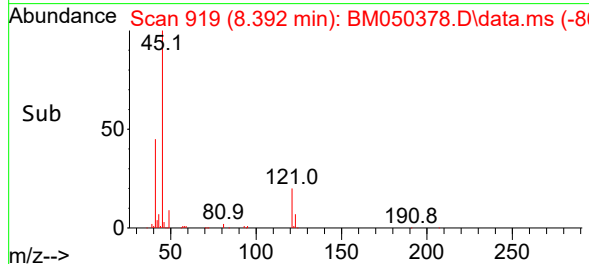
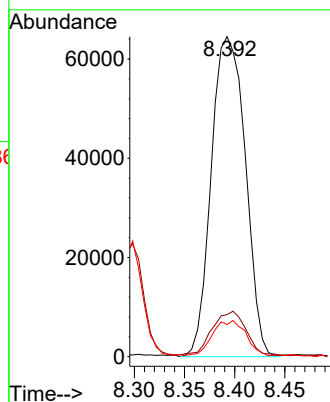
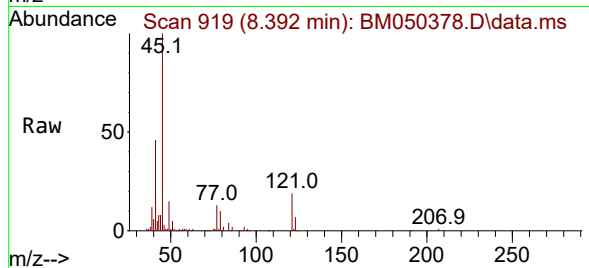




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.092 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

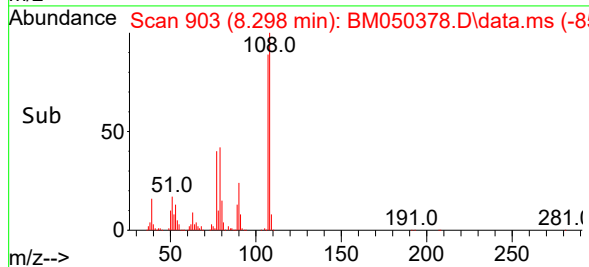
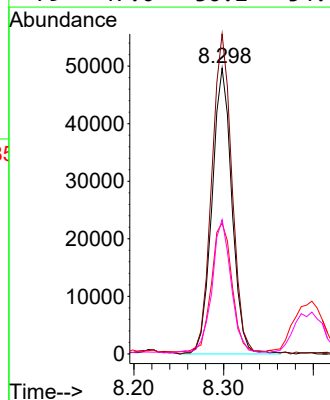
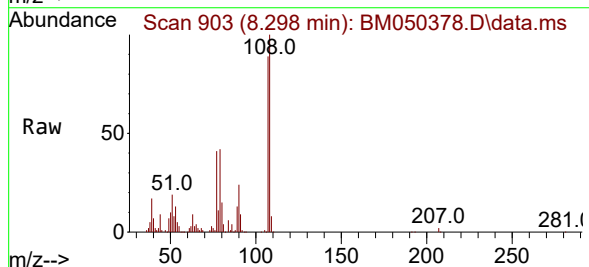
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

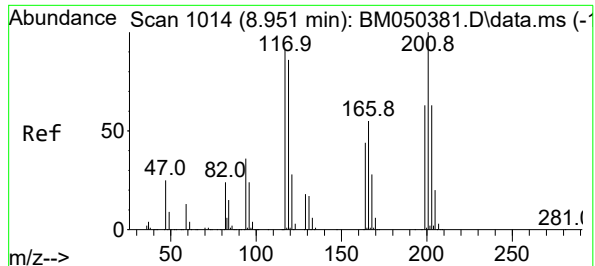
Tgt Ion: 45 Resp: 152357
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.5
79 10.1 0.0 30.3



#17
2-Methylphenol
Concen: 4.655 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 107 Resp: 76571
Ion Ratio Lower Upper
107 100
108 112.0 92.1 138.1
77 45.8 38.2 57.4
79 47.0 36.2 54.4

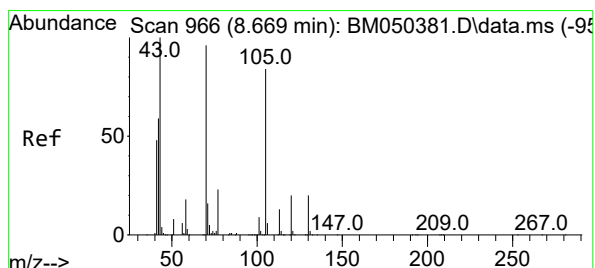
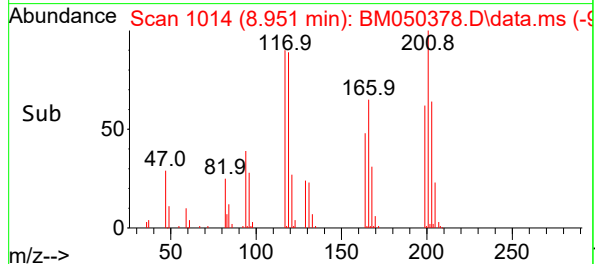
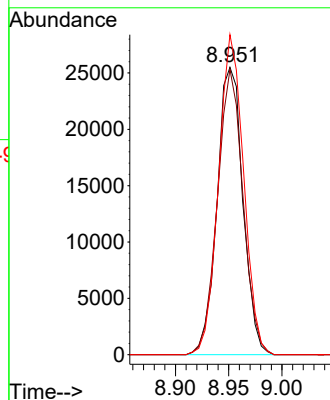
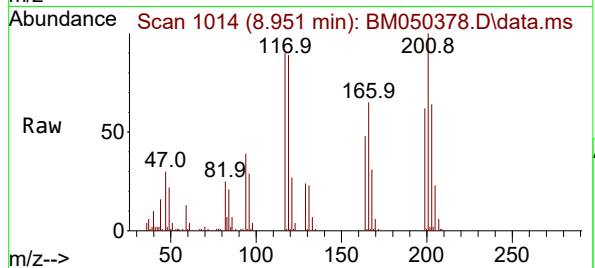




#18
Hexachloroethane
Concen: 4.840 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

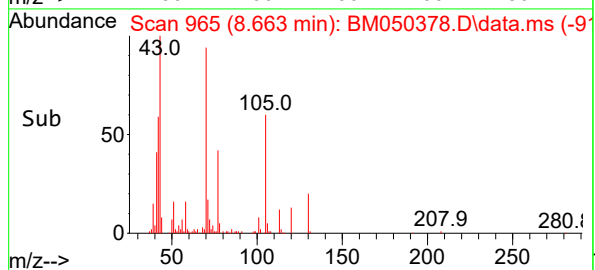
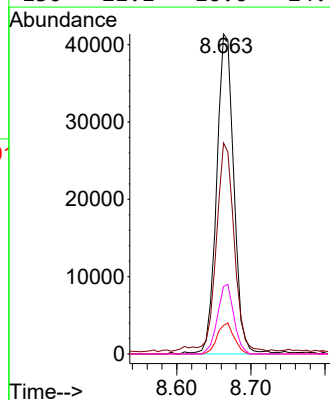
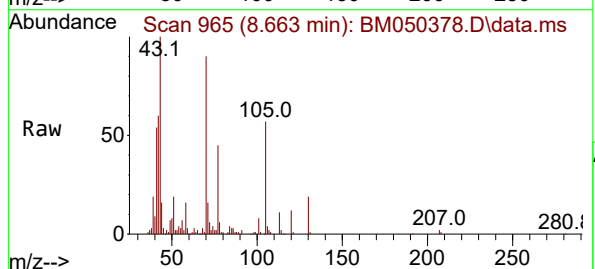
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

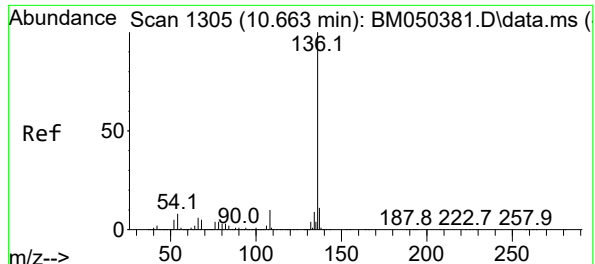
Tgt Ion:117 Resp: 42990
Ion Ratio Lower Upper
117 100
119 99.2 75.6 113.4
201 111.4 87.9 131.9



#19
n-Nitroso-di-n-propylamine
Concen: 4.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 70 Resp: 66842
Ion Ratio Lower Upper
70 100
42 66.0 49.7 74.5
101 8.9 7.7 11.5
130 21.1 16.6 24.8

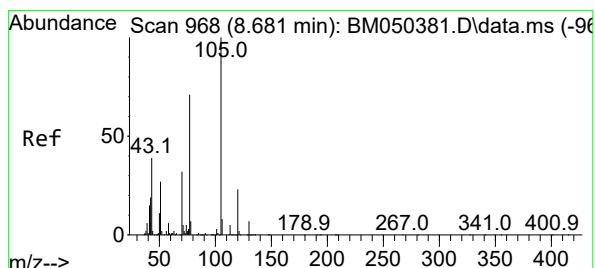
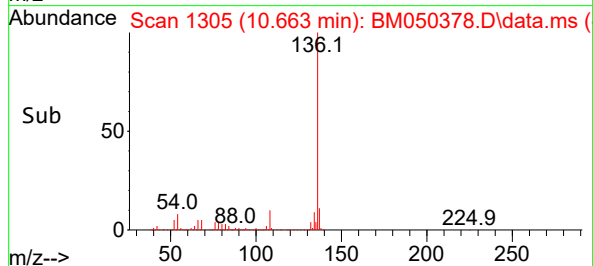
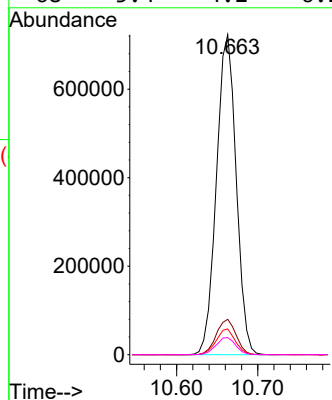
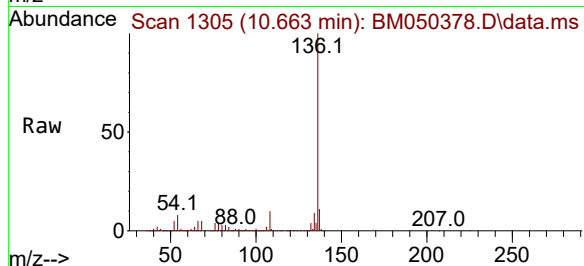




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

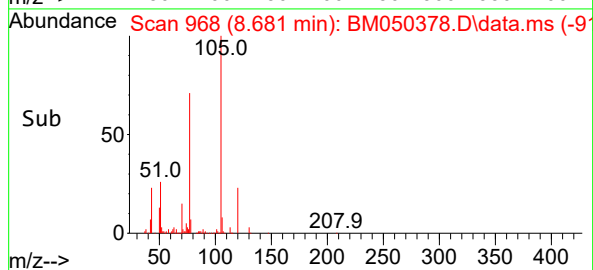
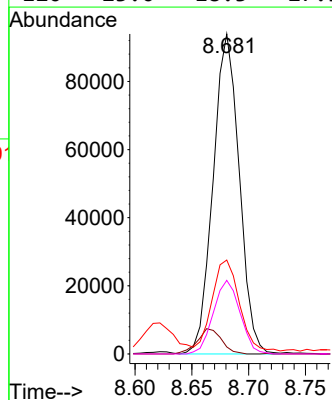
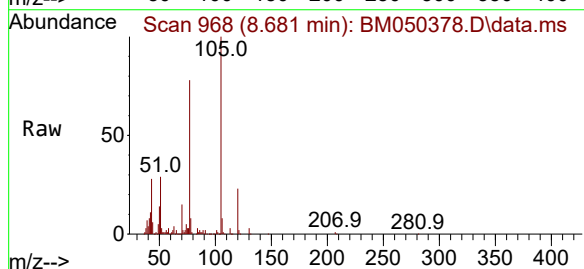
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

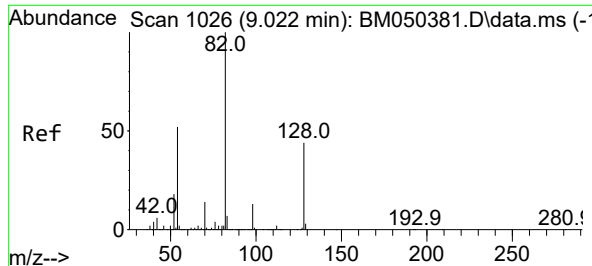
Tgt Ion:136 Resp: 1221582
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 6.3 9.5
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 4.927 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:105 Resp: 150473
Ion Ratio Lower Upper
105 100
71 2.2 4.4 6.6#
51 29.3 23.0 34.6
120 23.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 9.234 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

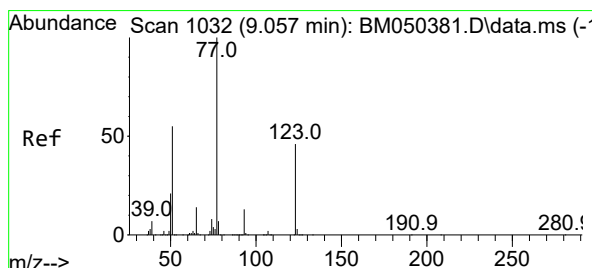
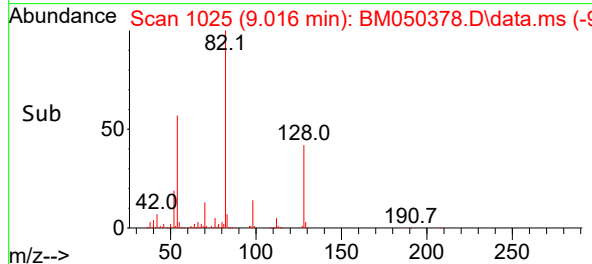
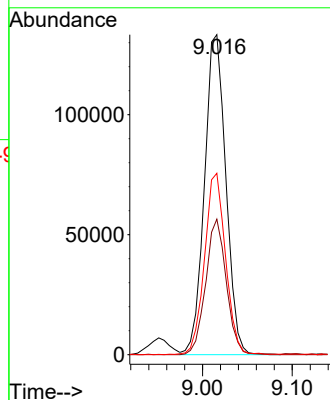
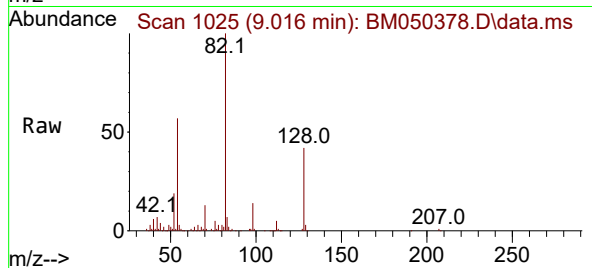
Tgt Ion: 82 Resp: 221107

Ion Ratio Lower Upper

82 100

128 42.3 35.2 52.8

54 56.7 41.5 62.3



#24

Nitrobenzene

Concen: 4.758 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

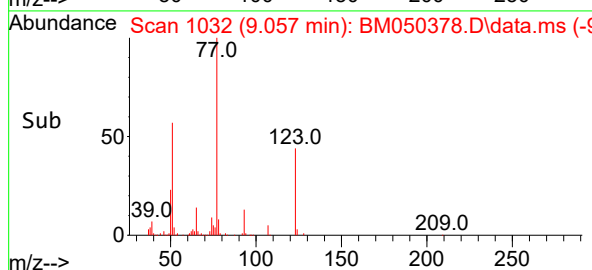
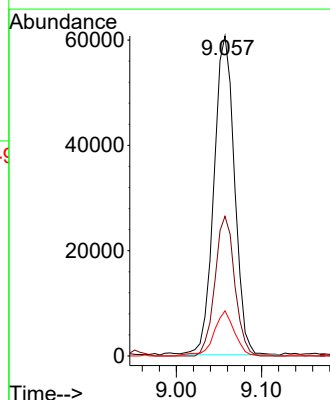
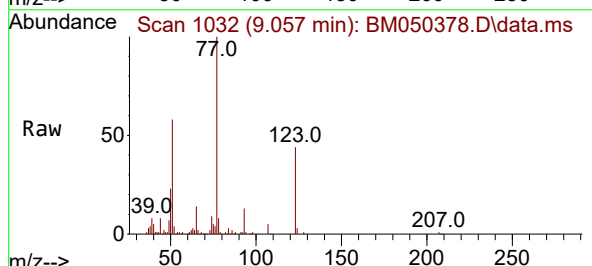
Tgt Ion: 77 Resp: 101661

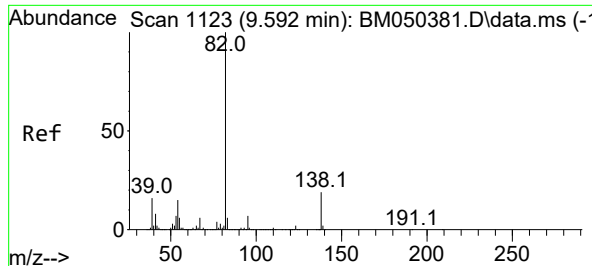
Ion Ratio Lower Upper

77 100

123 43.7 37.0 55.6

65 14.1 11.0 16.4

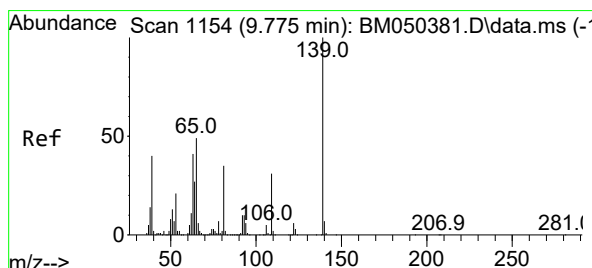
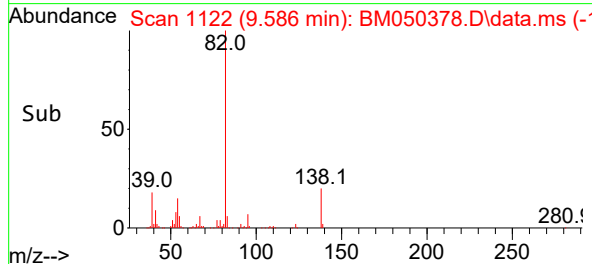
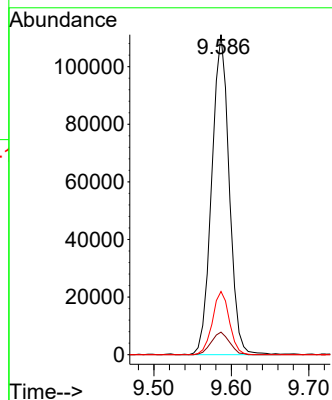
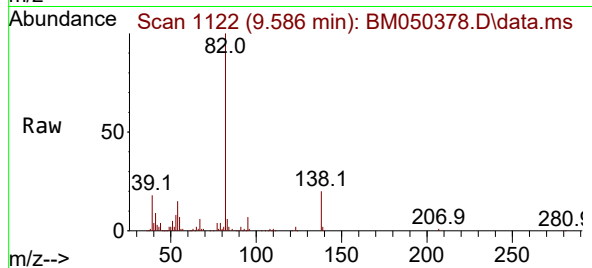




#25
Isophorone
Concen: 4.488 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

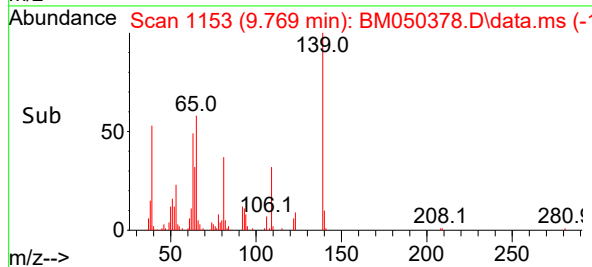
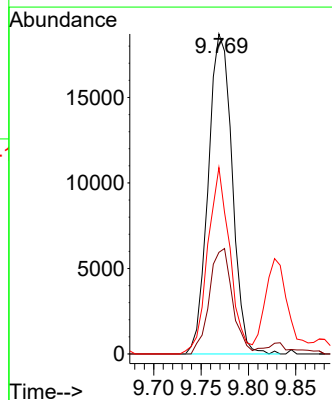
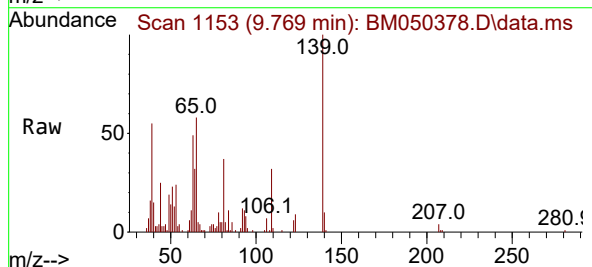
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

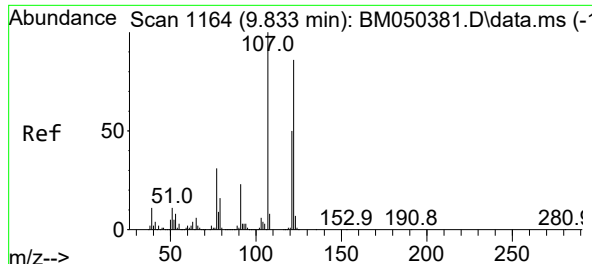
Tgt Ion: 82 Resp: 174388
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 3.767 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 139 Resp: 32805
Ion Ratio Lower Upper
139 100
109 31.8 24.6 36.8
65 58.3 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 4.858 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

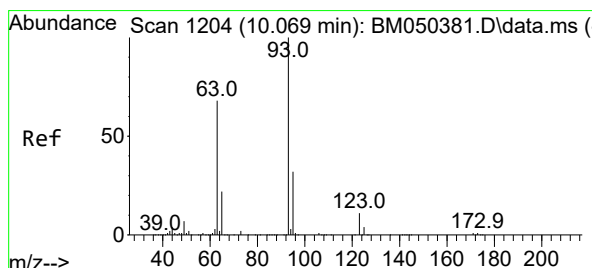
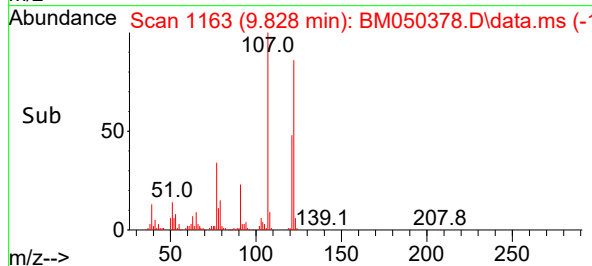
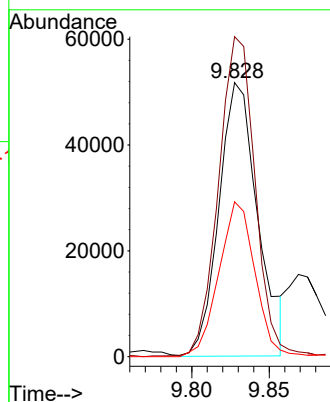
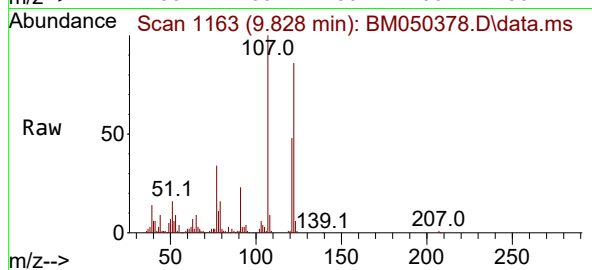
Tgt Ion:122 Resp: 90013

Ion Ratio Lower Upper

122 100

107 116.8 93.0 139.6

121 56.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.822 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

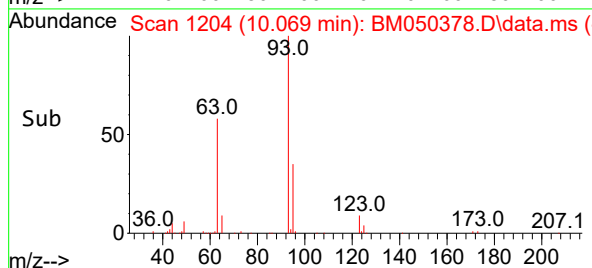
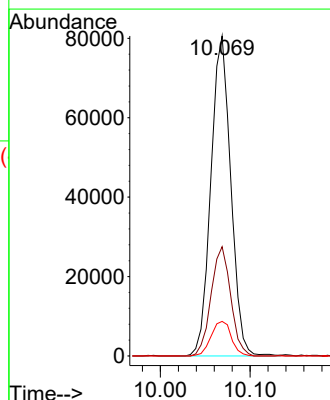
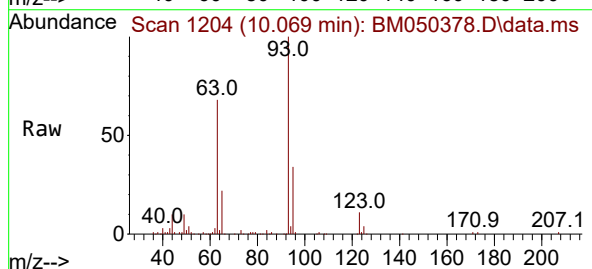
Tgt Ion: 93 Resp: 124150

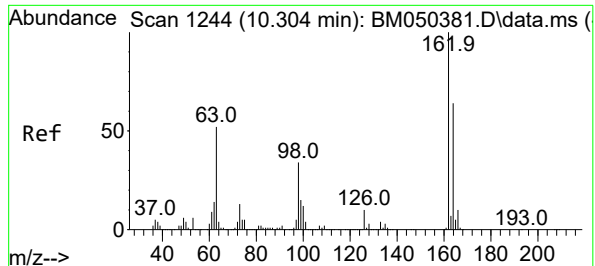
Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.6

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.438 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

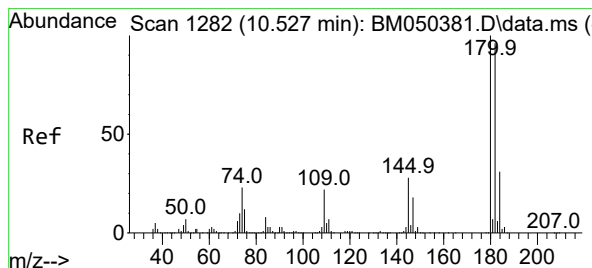
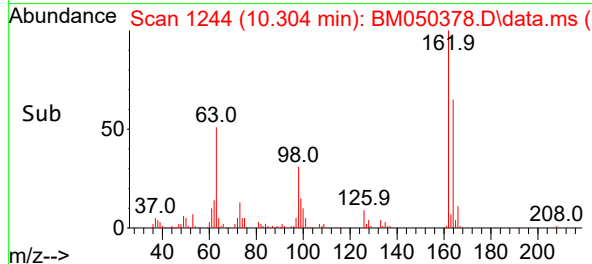
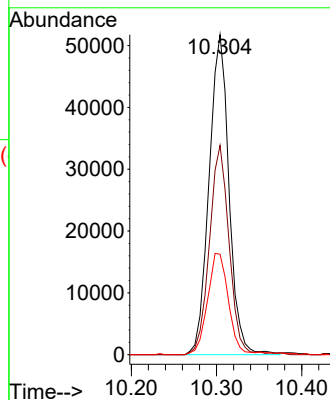
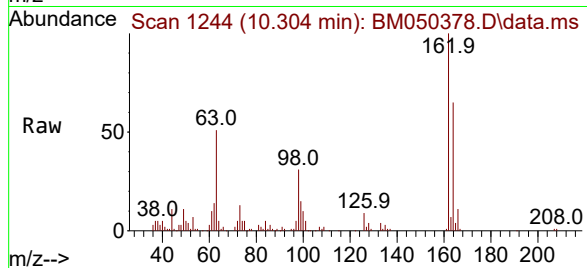
Tgt Ion:162 Resp: 84485

Ion Ratio Lower Upper

162 100

164 65.4 43.7 83.7

98 31.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 4.958 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

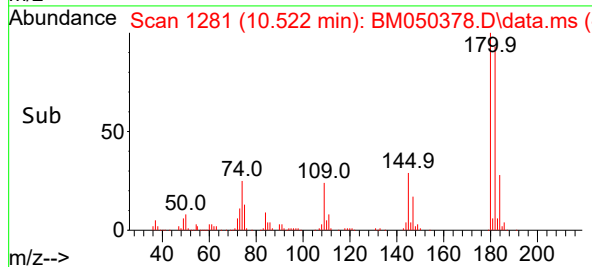
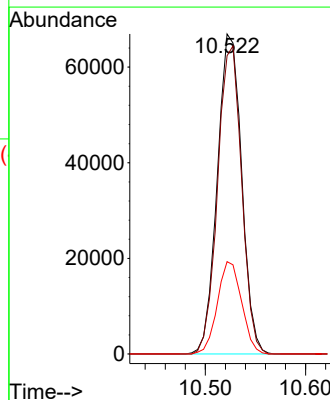
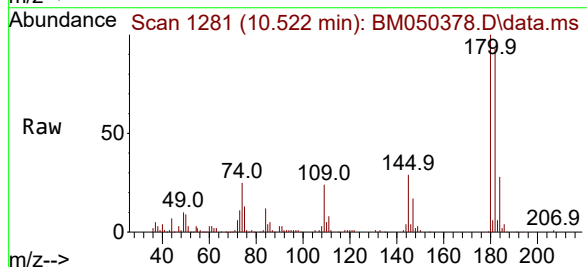
Tgt Ion:180 Resp: 112916

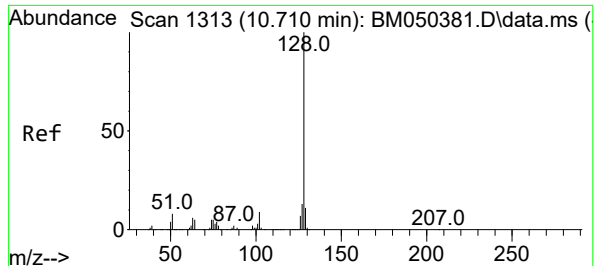
Ion Ratio Lower Upper

180 100

182 93.2 76.8 115.2

145 28.8 22.6 33.8

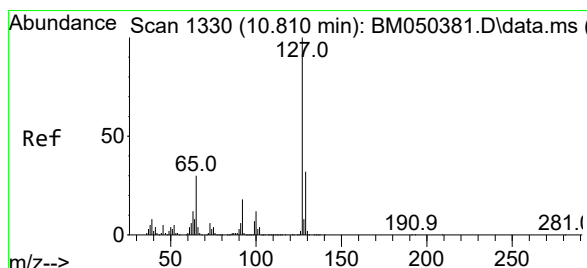
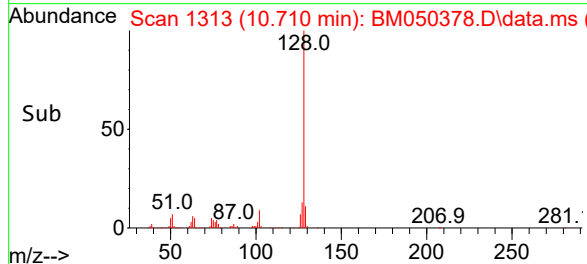
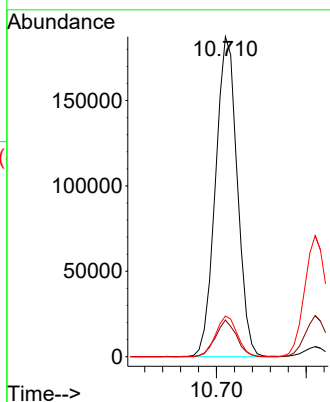
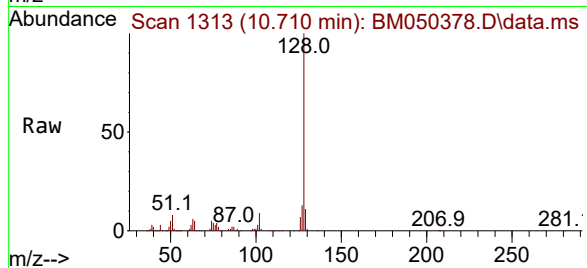




#31
Naphthalene
Concen: 5.086 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

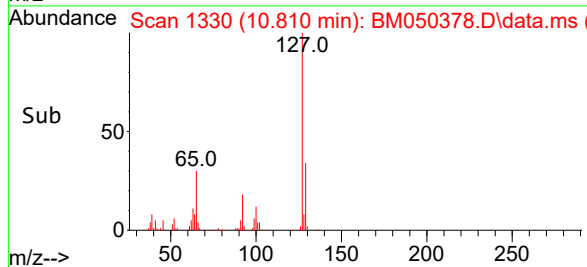
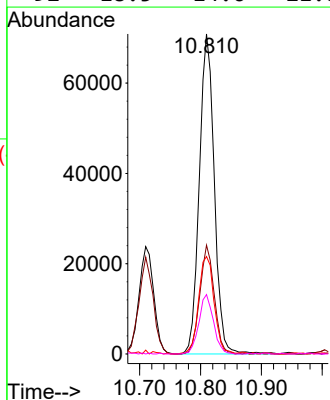
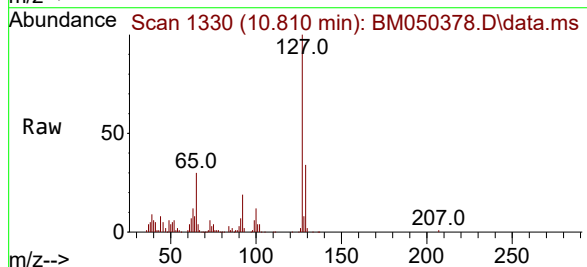
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

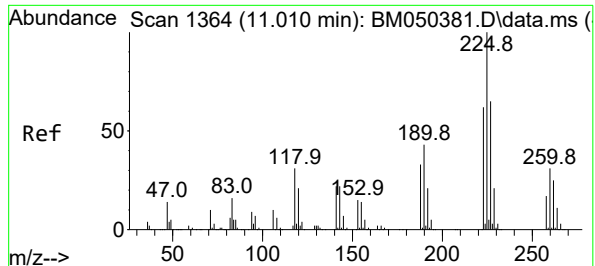
Tgt Ion:128 Resp: 315550
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.7 10.4 15.6



#33
4-Chloroaniline
Concen: 4.635 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:127 Resp: 121575
Ion Ratio Lower Upper
127 100
129 34.0 25.5 38.3
65 30.4 23.9 35.9
92 18.5 14.6 21.8

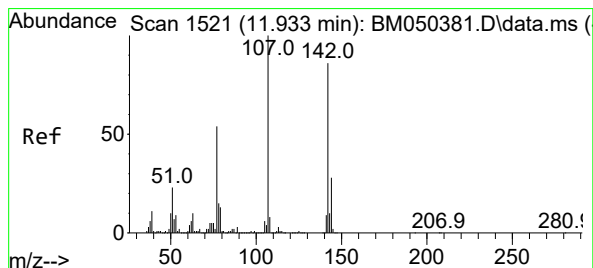
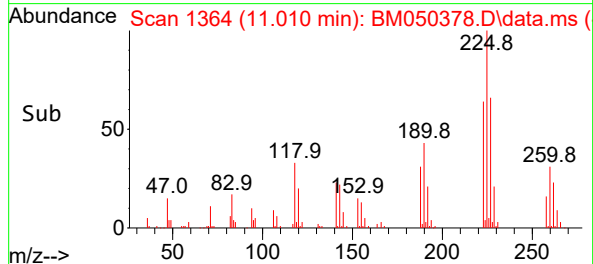
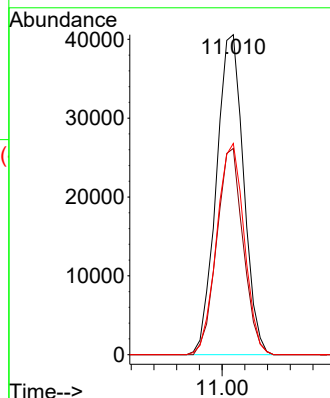
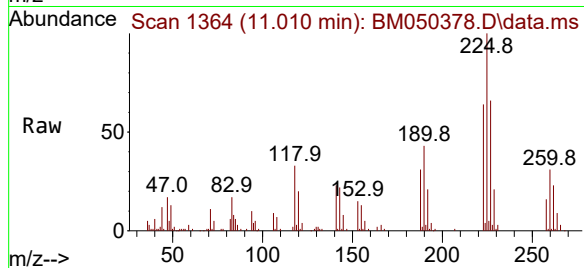




#34
Hexachlorobutadiene
Concen: 4.870 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

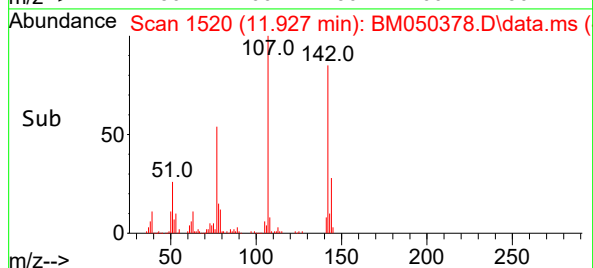
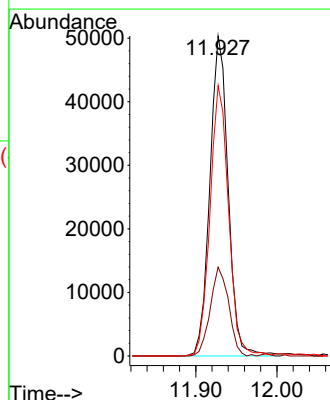
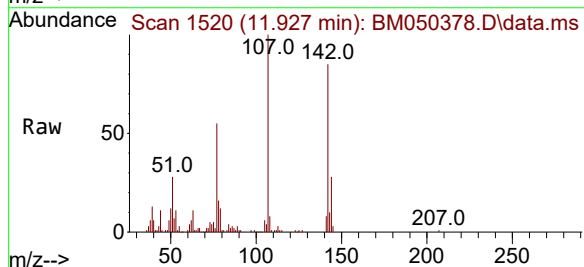
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

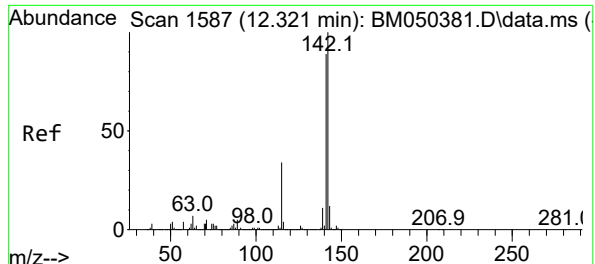
Tgt Ion:225 Resp: 67689
Ion Ratio Lower Upper
225 100
223 64.5 49.7 74.5
227 66.0 52.1 78.1



#36
4-Chloro-3-methylphenol
Concen: 4.428 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 78716
Ion Ratio Lower Upper
107 100
144 27.7 22.2 33.4
142 84.5 68.7 103.1

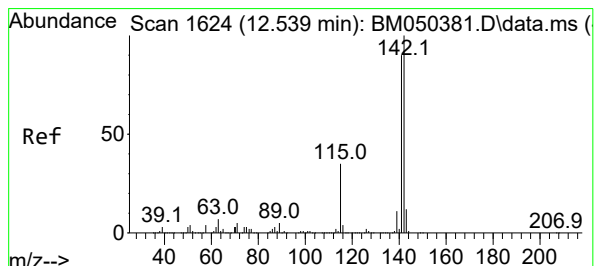
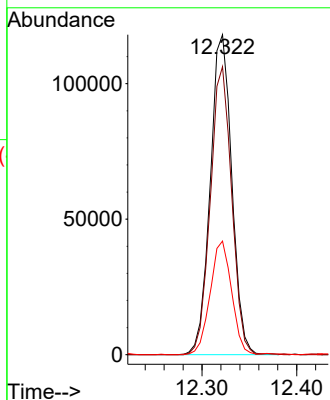
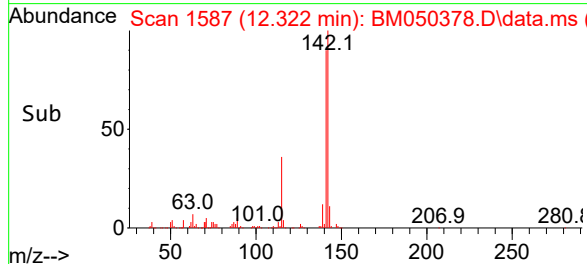
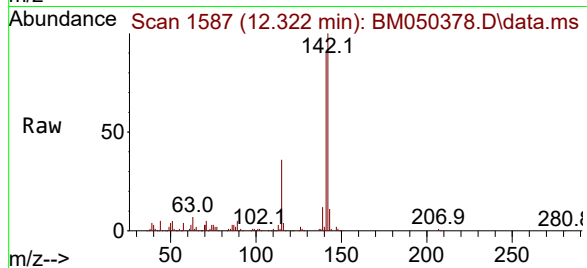




#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 12.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

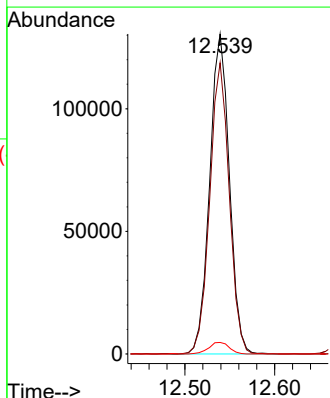
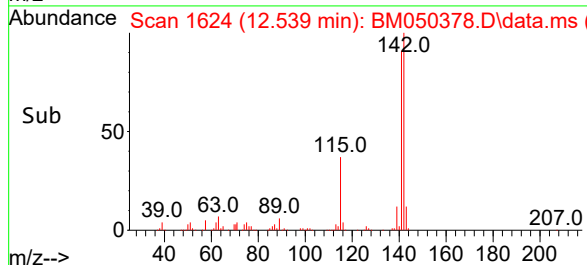
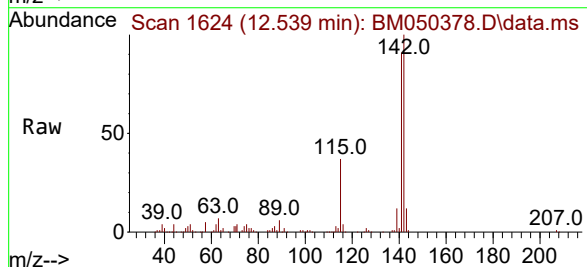
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

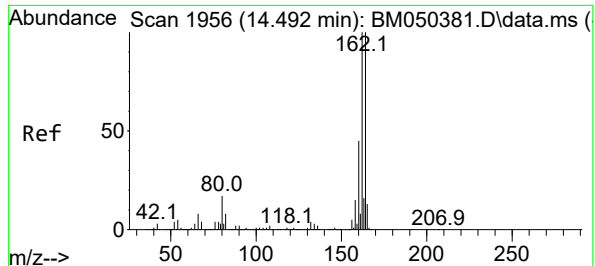
Tgt Ion:142 Resp: 186482
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 35.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 4.796 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:142 Resp: 198866
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

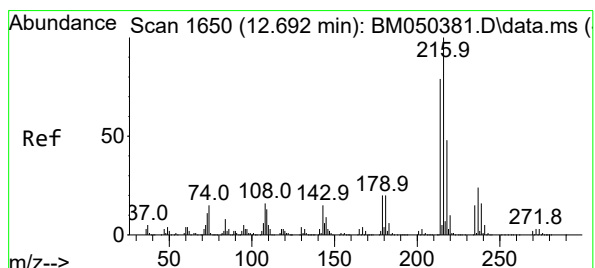
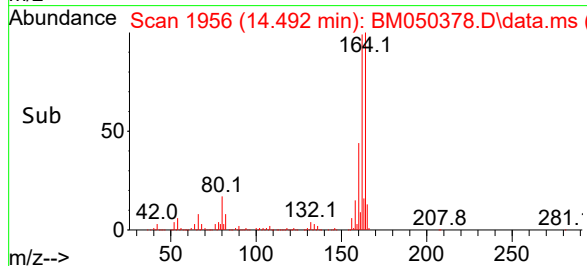
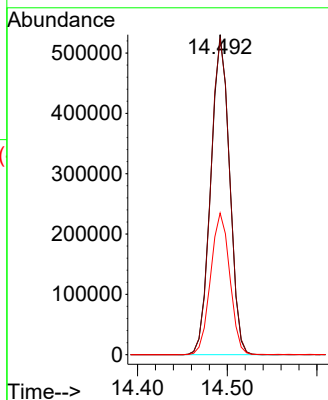
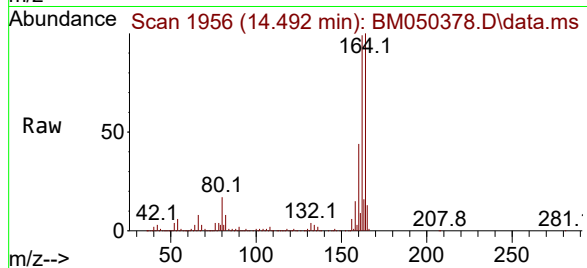
Tgt Ion:164 Resp: 768894

Ion Ratio Lower Upper

164 100

162 98.7 79.9 119.9

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.642 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion:216 Resp: 113496

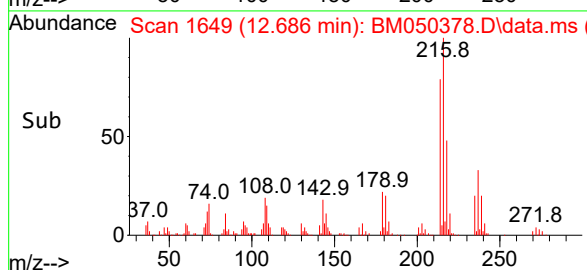
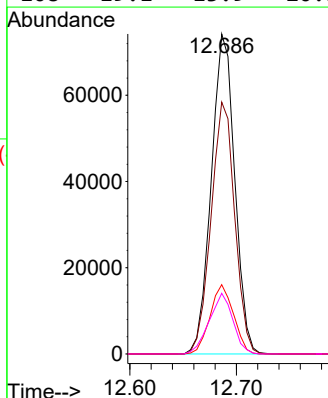
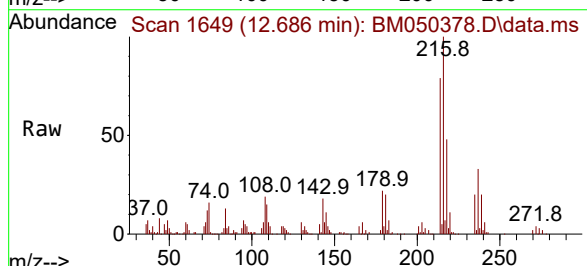
Ion Ratio Lower Upper

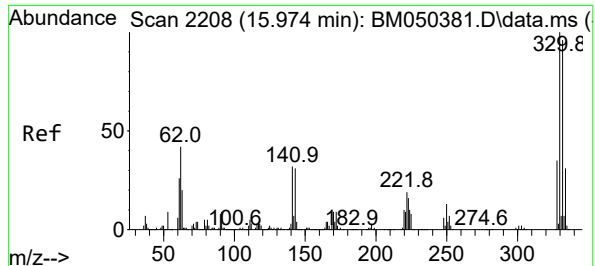
216 100

214 79.3 63.3 94.9

179 21.7 16.4 24.6

108 19.1 13.9 20.9





#42

2,4,6-Tribromophenol

Concen: 7.485 ng

RT: 15.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050378.D

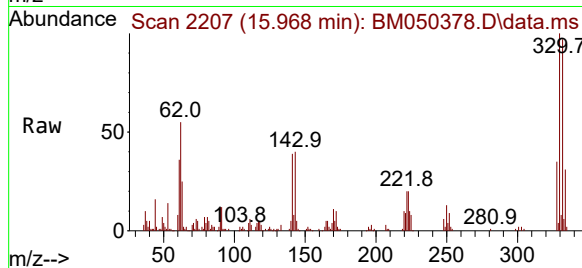
Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



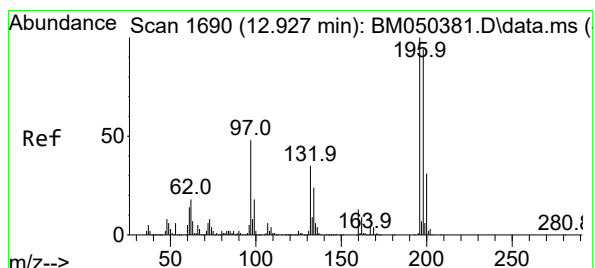
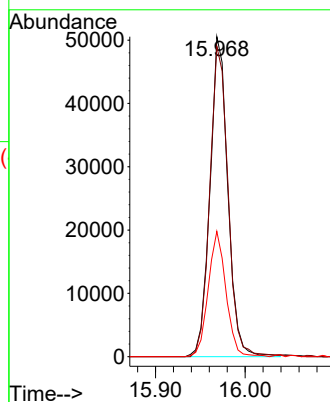
Tgt Ion:330 Resp: 69925

Ion Ratio Lower Upper

330 100

332 99.4 76.9 115.3

141 38.9 27.4 41.0



#43

2,4,6-Trichlorophenol

Concen: 4.221 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

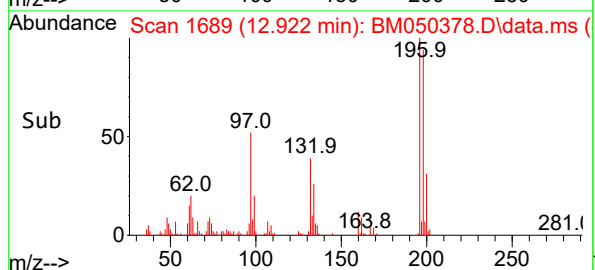
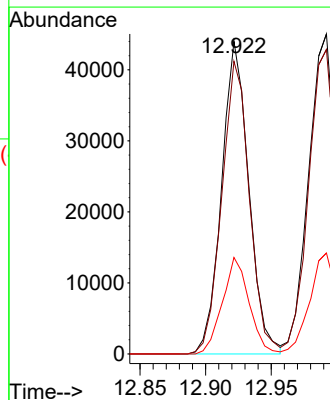
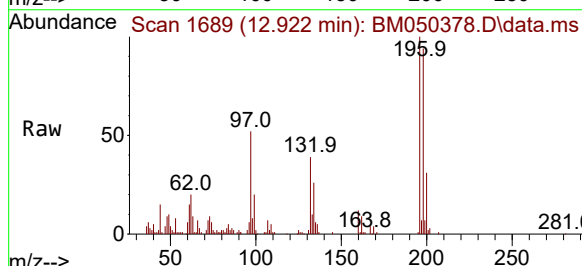
Tgt Ion:196 Resp: 63524

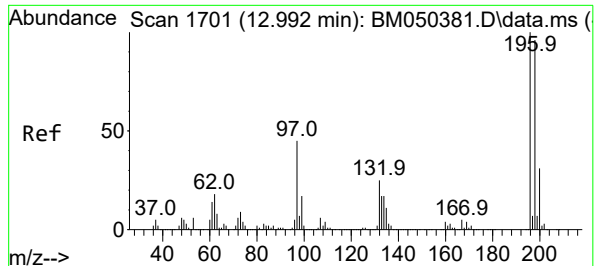
Ion Ratio Lower Upper

196 100

198 93.6 75.1 112.7

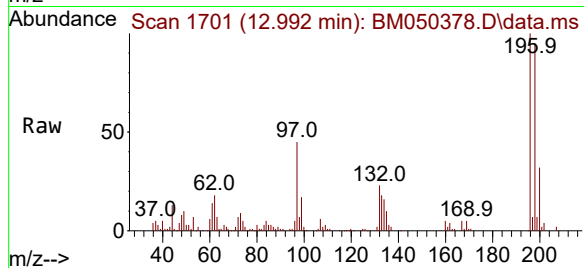
200 30.8 24.6 37.0



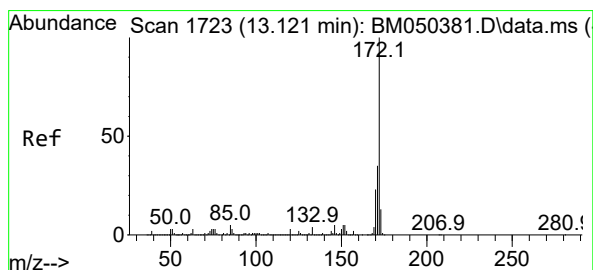
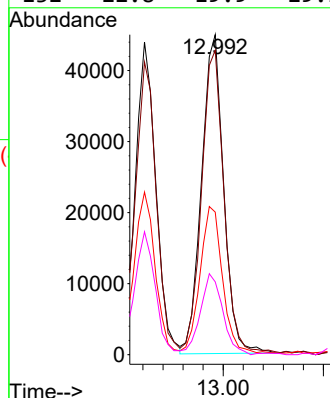
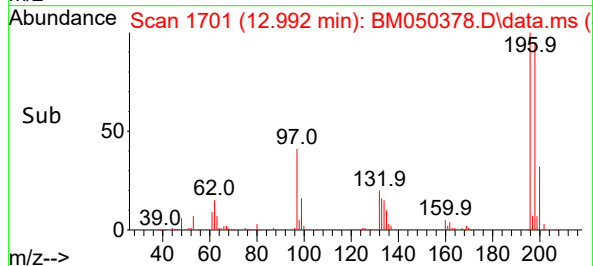


#44
2,4,5-Trichlorophenol
Concen: 4.195 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

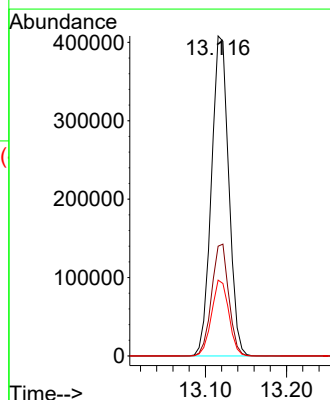
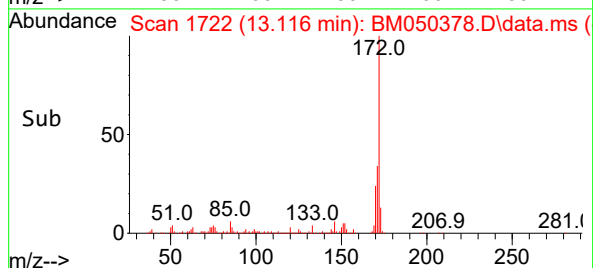
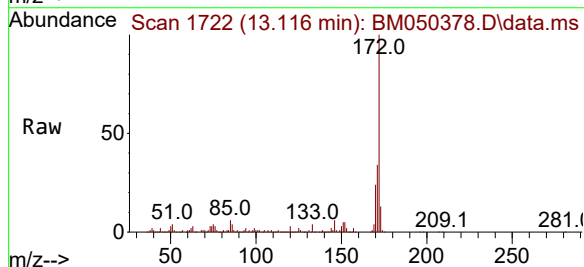


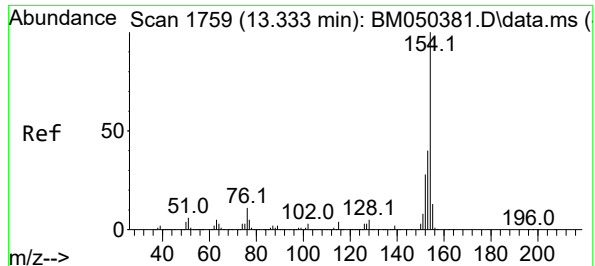
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.2	115.8
97	44.6	36.2	54.4
132	22.8	19.9	29.9



#45
2-Fluorobiphenyl
Concen: 9.705 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.7	41.5
170	23.7	18.8	28.2





#46

1,1'-Biphenyl

Concen: 4.934 ng

RT: 13.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

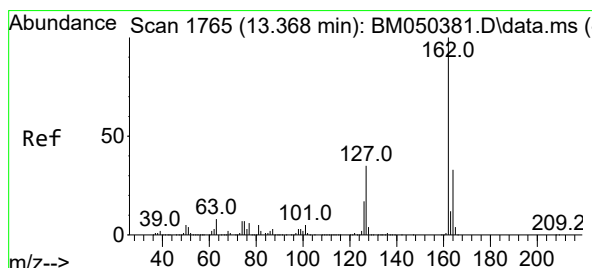
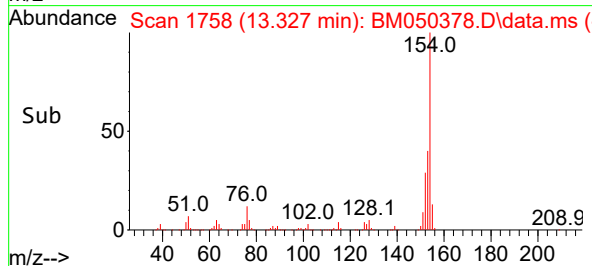
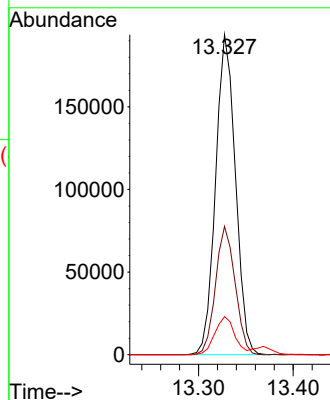
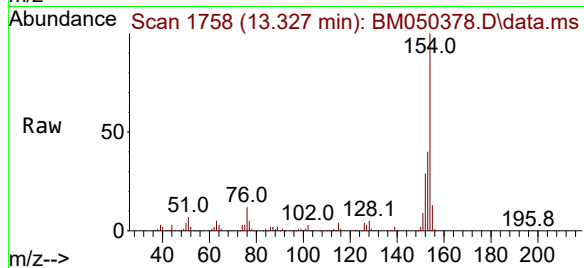
Tgt Ion:154 Resp: 281496

Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 11.9 0.0 30.9



#47

2-Chloronaphthalene

Concen: 4.918 ng

RT: 13.369 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

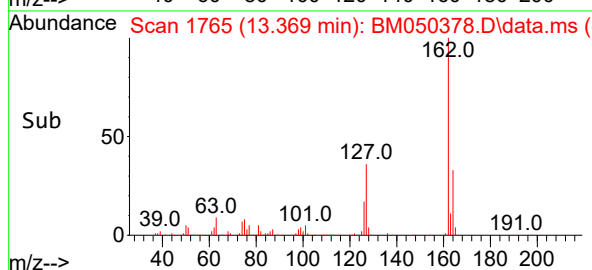
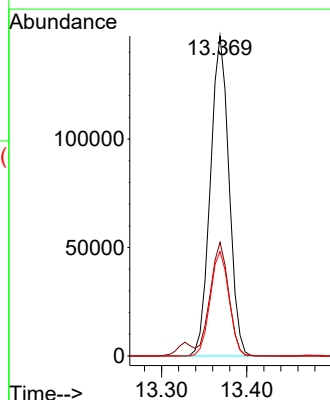
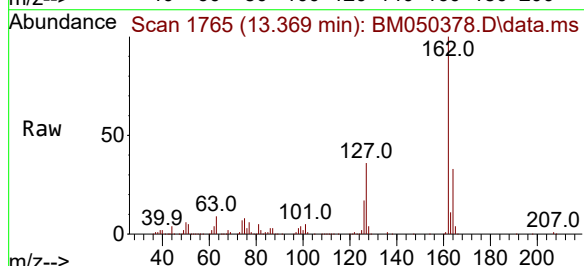
Tgt Ion:162 Resp: 223672

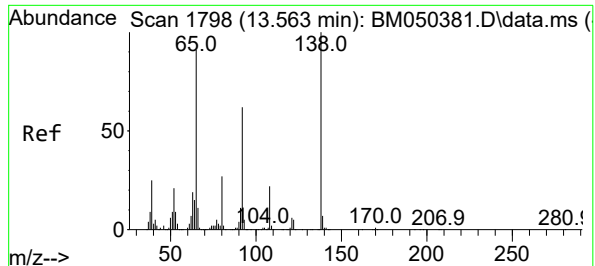
Ion Ratio Lower Upper

162 100

127 35.5 28.3 42.5

164 32.6 26.6 40.0

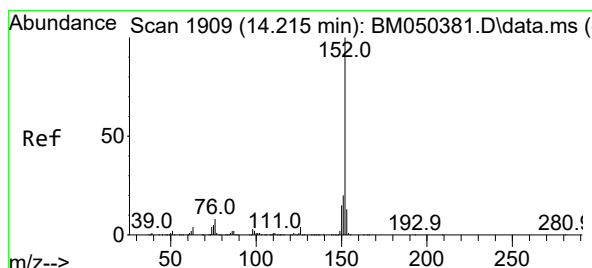
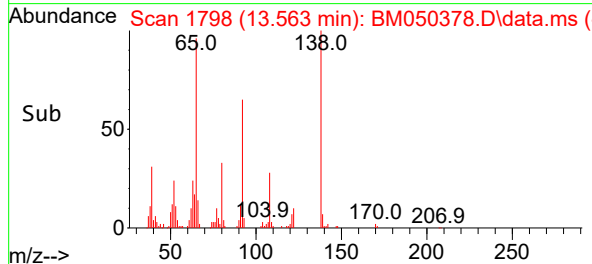
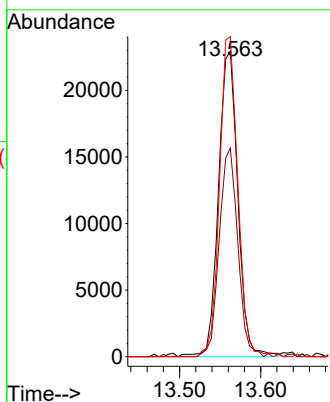
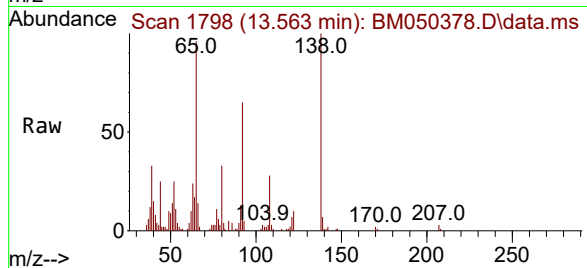




#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

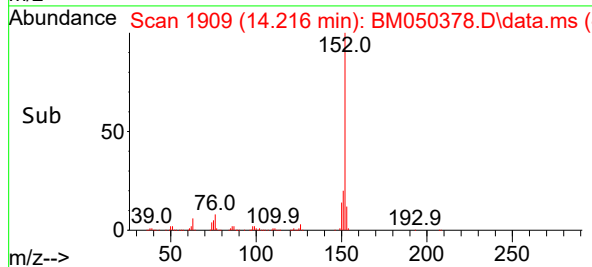
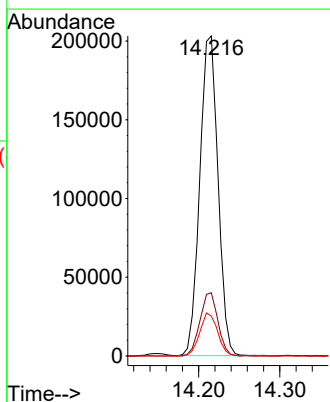
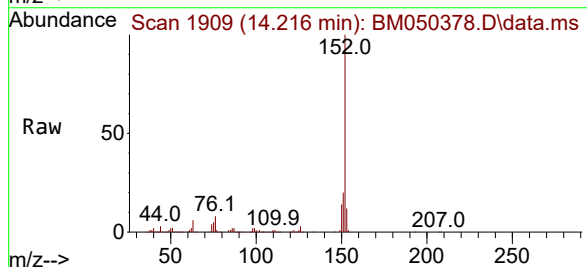
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

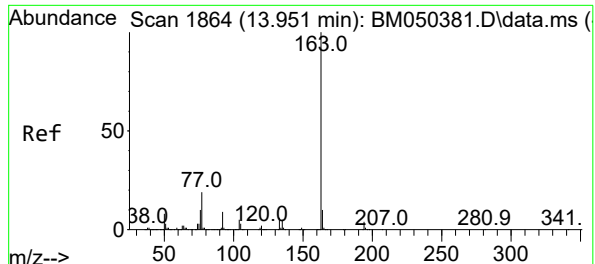
Tgt Ion: 65 Resp: 37953
Ion Ratio Lower Upper
65 100
92 68.3 54.3 81.5
138 104.7 87.8 131.6



#49
Acenaphthylene
Concen: 4.601 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 152 Resp: 316292
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.4 10.6 15.8

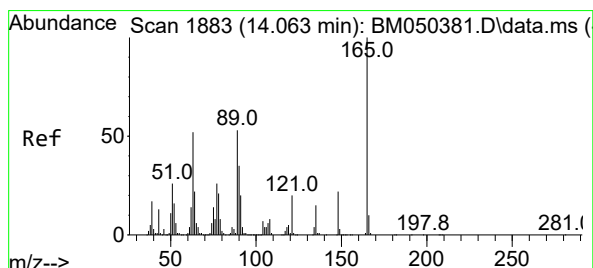
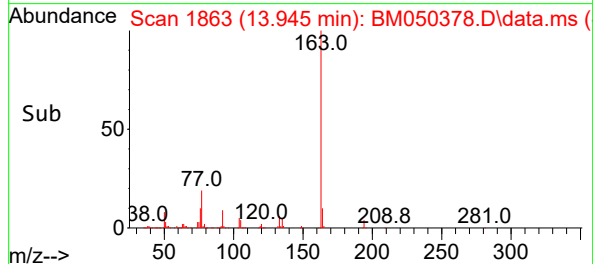
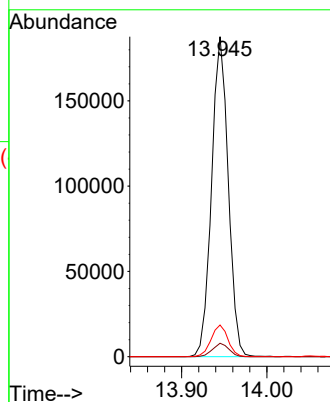
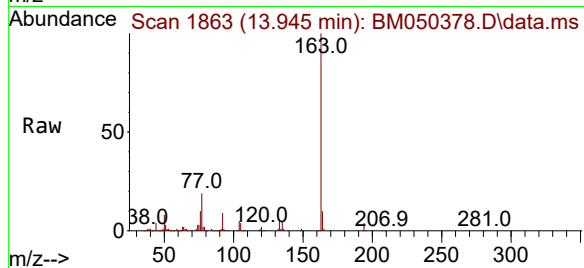




#50
Dimethylphthalate
Concen: 4.805 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

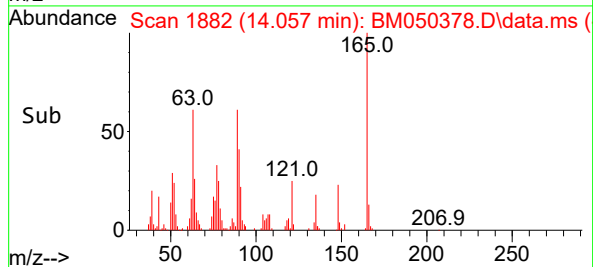
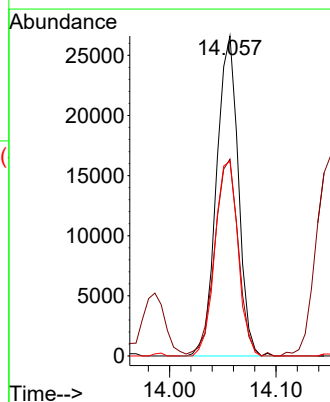
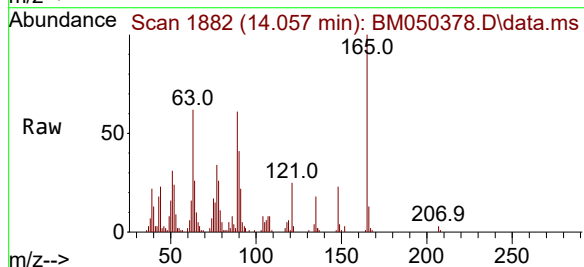
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

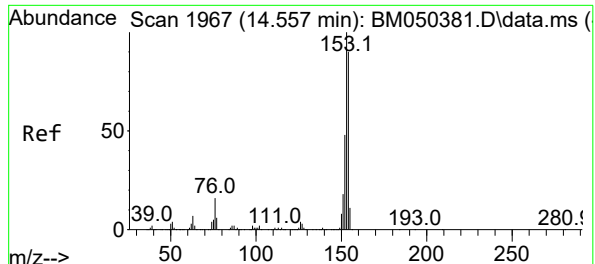
Tgt Ion:163 Resp: 254362
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.710 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 37711
Ion Ratio Lower Upper
165 100
63 61.5 42.4 63.6
89 60.8 42.2 63.2

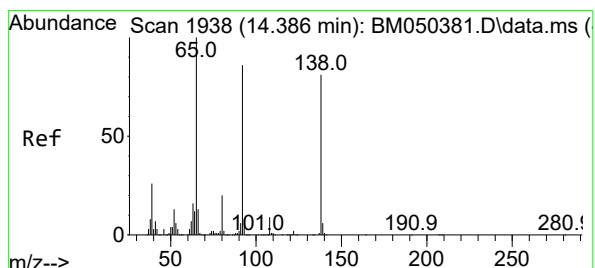
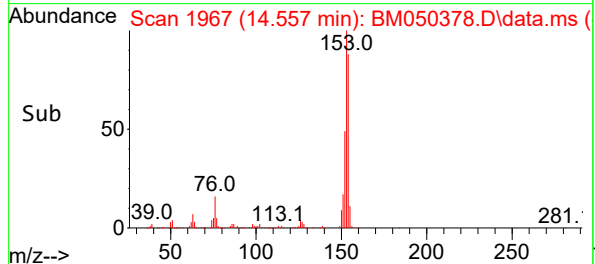
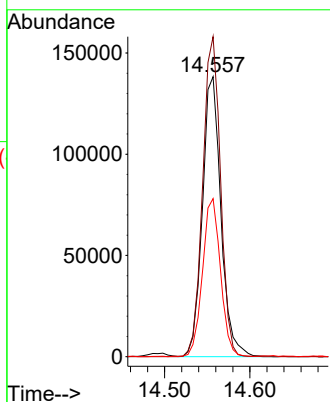
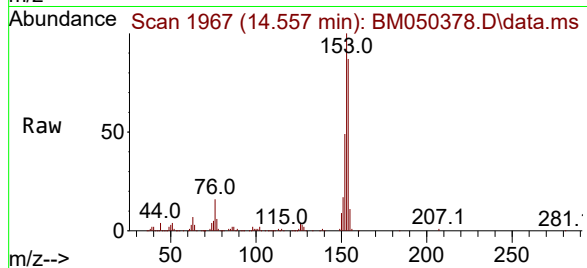




#52
Acenaphthene
Concen: 4.779 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

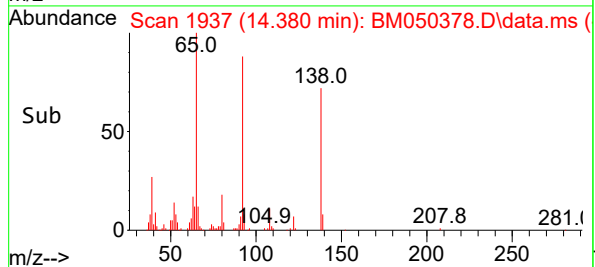
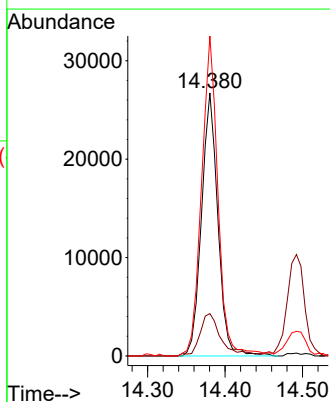
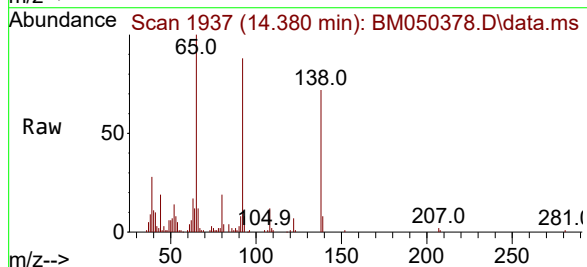
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

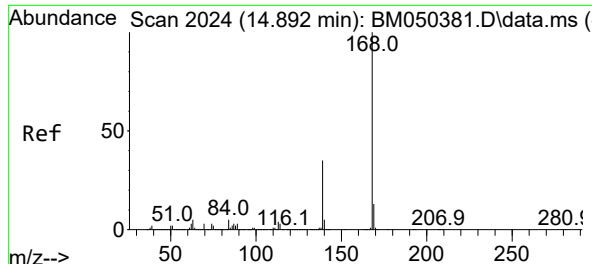
Tgt Ion:154 Resp: 208840
Ion Ratio Lower Upper
154 100
153 114.3 89.2 133.8
152 56.4 42.6 64.0



#53
3-Nitroaniline
Concen: 3.628 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:138 Resp: 39220
Ion Ratio Lower Upper
138 100
108 16.1 8.8 13.2#
92 121.7 85.0 127.6





#55

Dibenzenofuran

Concen: 4.988 ng

RT: 14.886 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

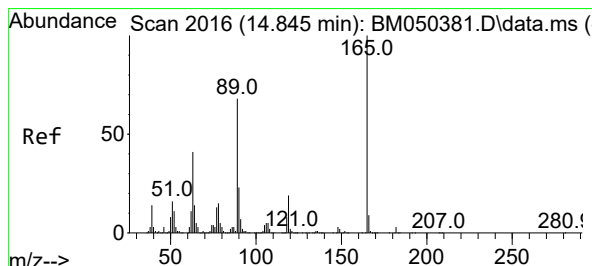
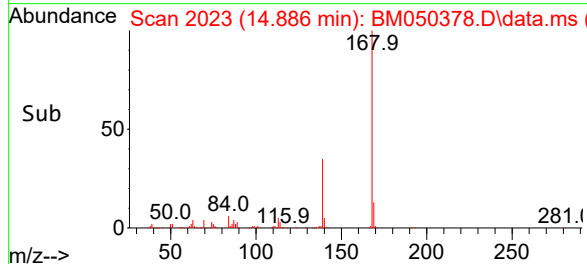
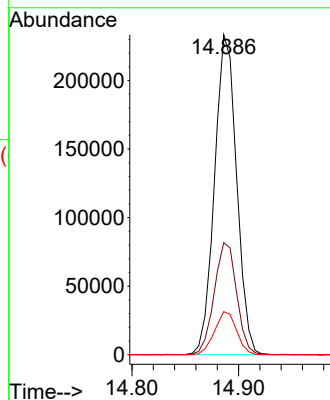
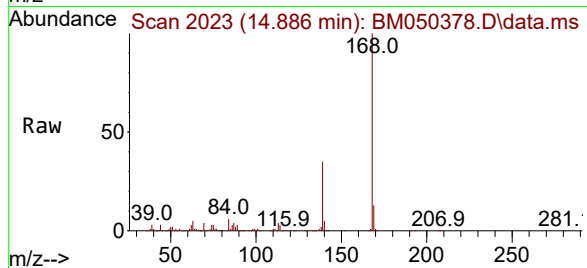
Tgt Ion:168 Resp: 335867

Ion Ratio Lower Upper

168 100

139 35.0 27.7 41.5

169 13.4 10.7 16.1



#57

2,4-Dinitrotoluene

Concen: 5.513 ng

RT: 14.839 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 44983

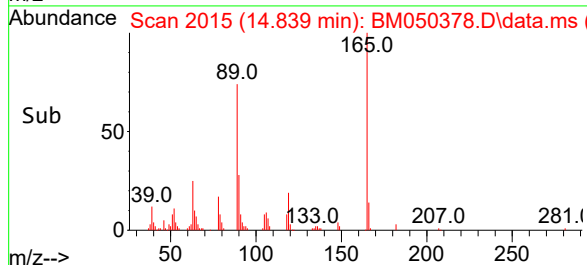
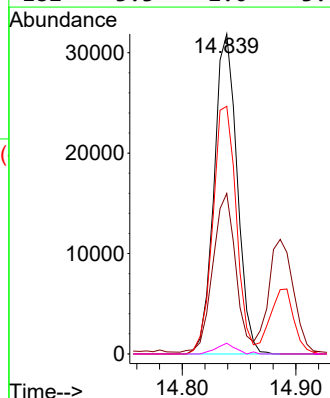
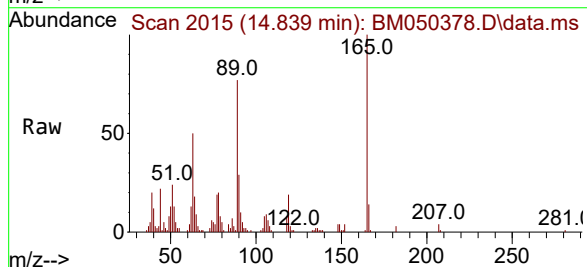
Ion Ratio Lower Upper

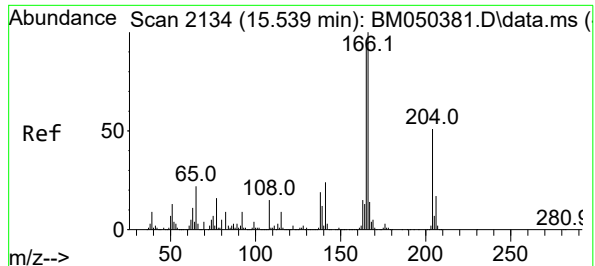
165 100

63 50.1 32.5 48.7#

89 77.4 54.0 81.0

182 3.3 2.0 3.0#

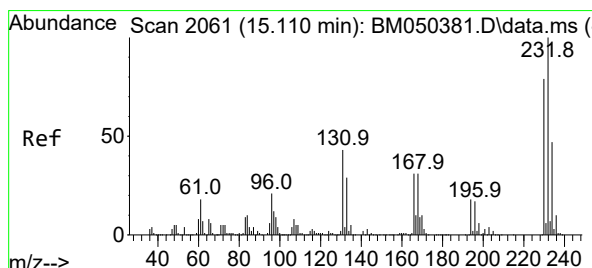
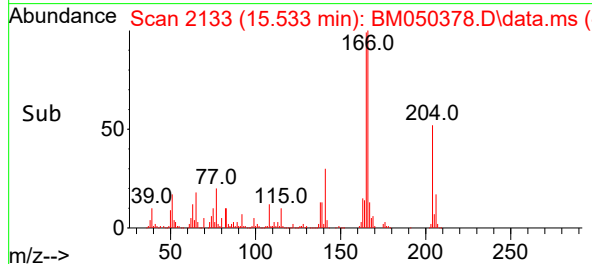
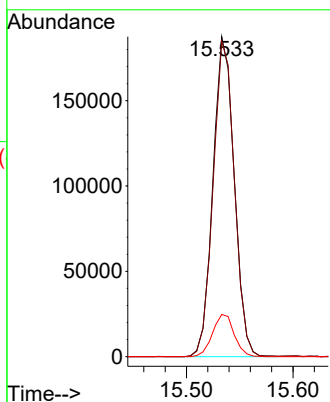
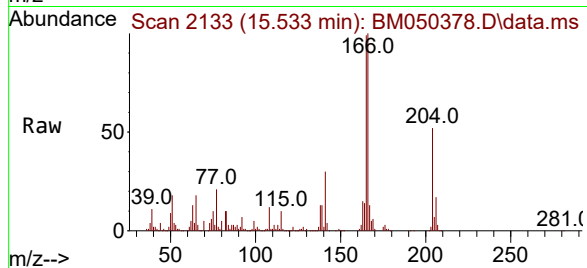




#58
Fluorene
Concen: 4.671 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

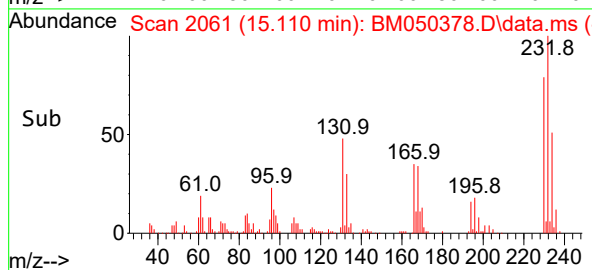
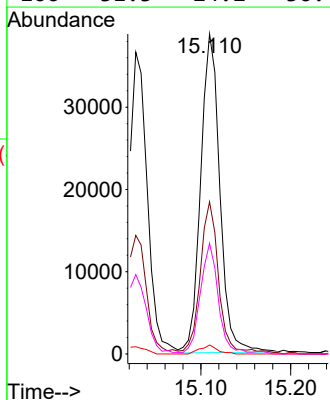
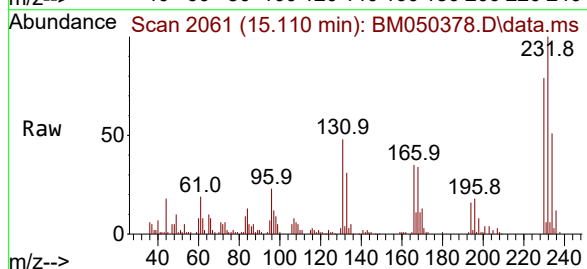
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

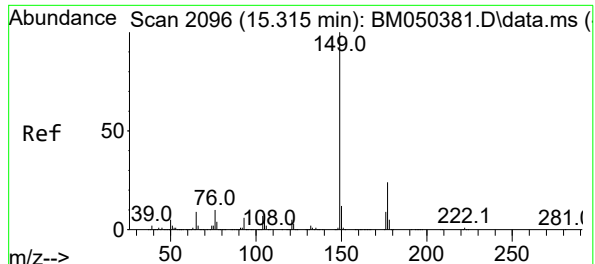
Tgt Ion:166 Resp: 259083
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.2 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.158 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:232 Resp: 57532
Ion Ratio Lower Upper
232 100
131 46.5 33.4 50.0
130 2.5 1.8 2.6
166 31.3 24.2 36.4

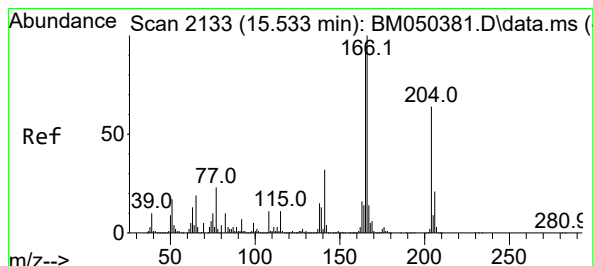
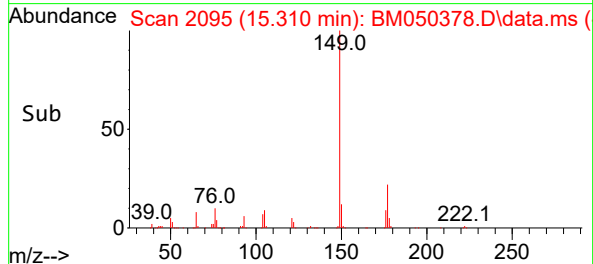
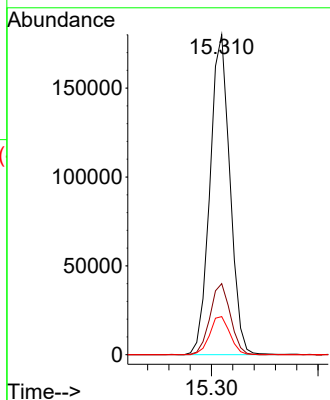
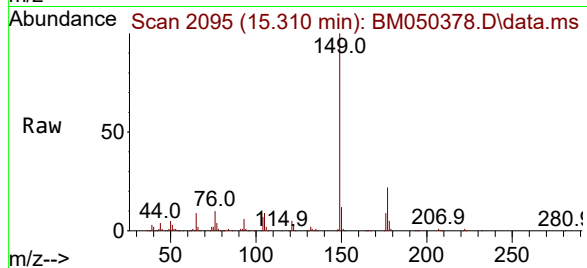




#60
Diethylphthalate
Concen: 4.625 ng
RT: 15.310 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

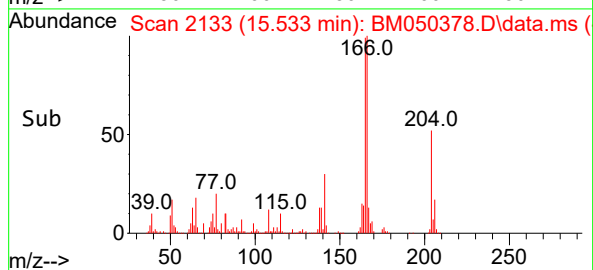
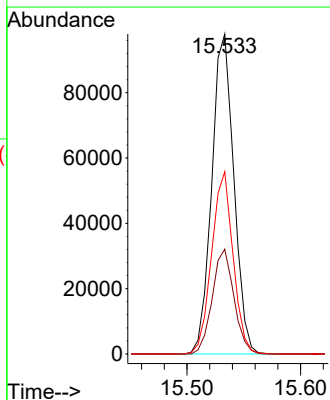
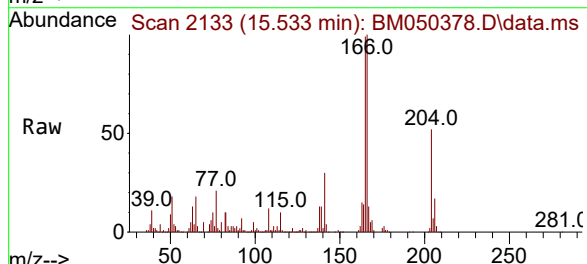
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

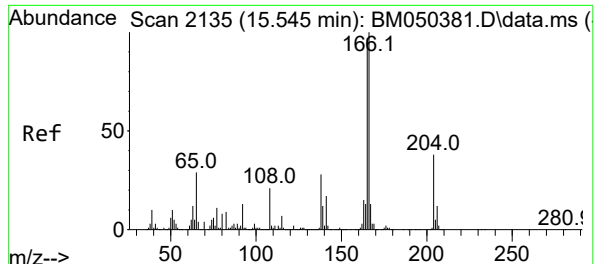
Tgt Ion:149 Resp: 233863
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 11.9 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 4.557 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:204 Resp: 132153
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 57.0 39.9 59.9

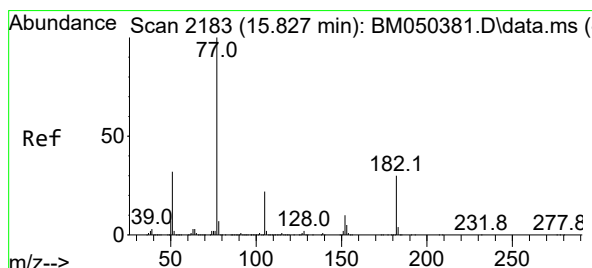
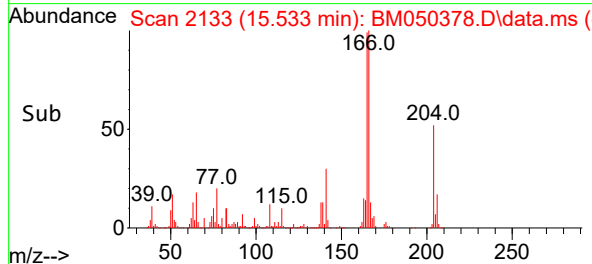
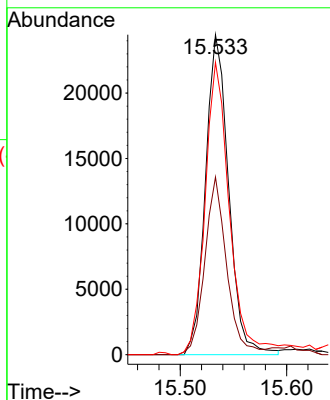
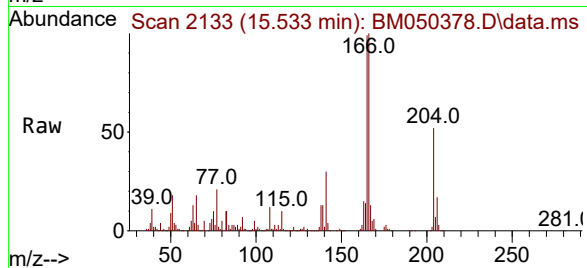




#62
4-Nitroaniline
Concen: 5.398 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

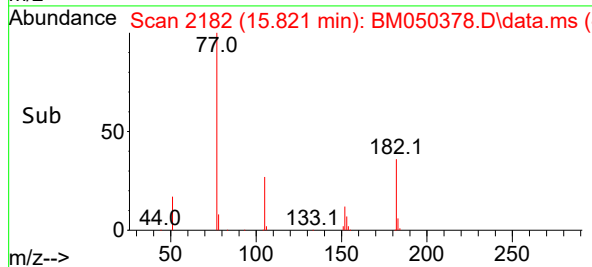
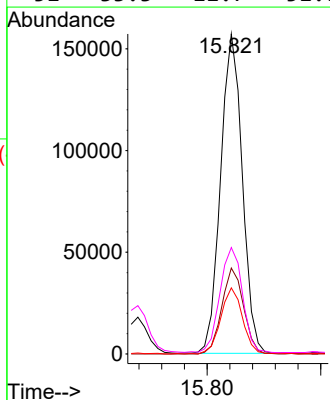
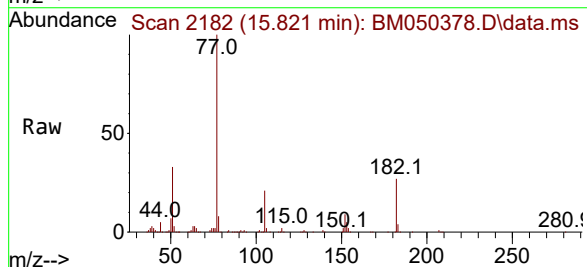
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

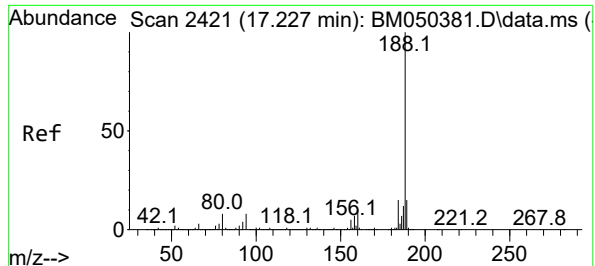
Tgt Ion:138 Resp: 36922
Ion Ratio Lower Upper
138 100
92 55.5 24.5 64.5
108 91.3 52.5 92.5



#63
Azobenzene
Concen: 4.490 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 208493
Ion Ratio Lower Upper
77 100
182 26.8 10.0 50.0
105 20.6 2.0 42.0
51 33.3 11.7 51.7

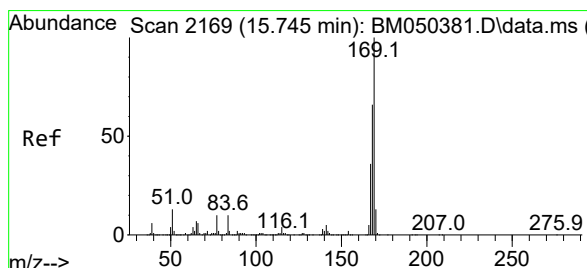
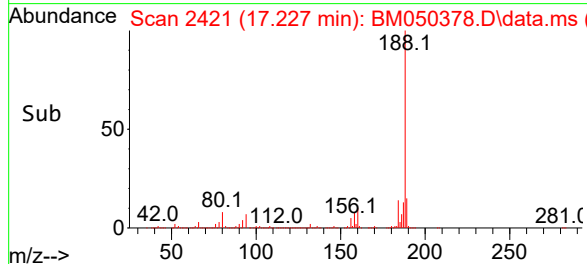
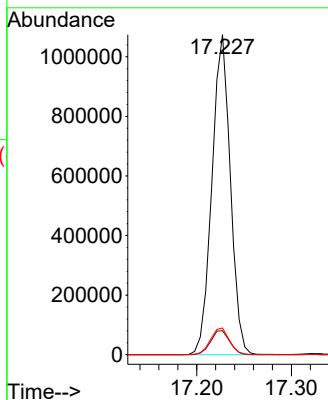
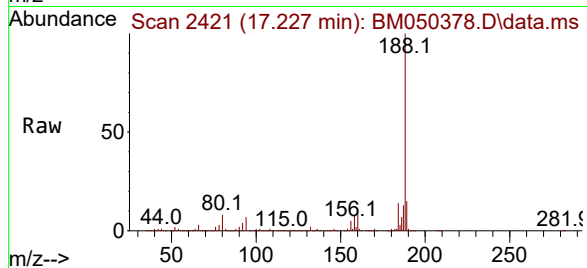




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

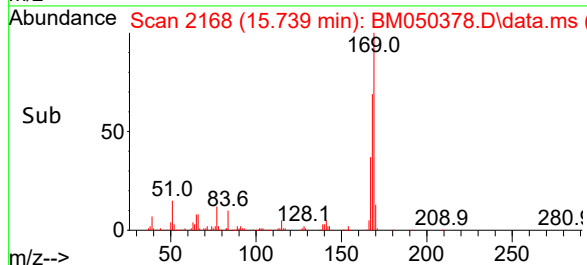
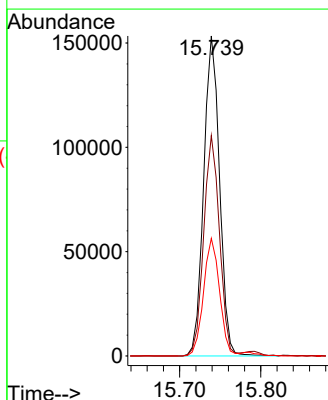
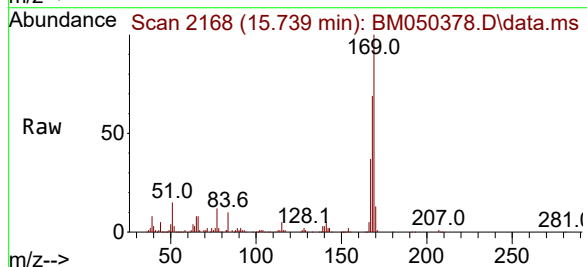
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

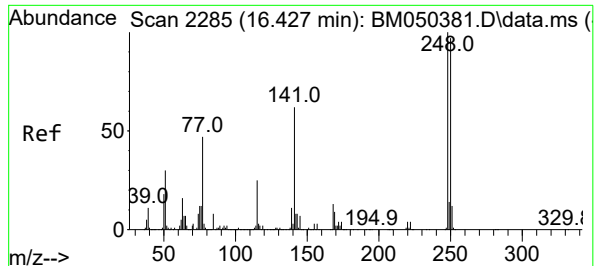
Tgt Ion:188 Resp: 1453955
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.3 6.5 9.7



#66
n-Nitrosodiphenylamine
Concen: 4.566 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:169 Resp: 207747
Ion Ratio Lower Upper
169 100
168 68.9 53.2 79.8
167 36.8 28.7 43.1

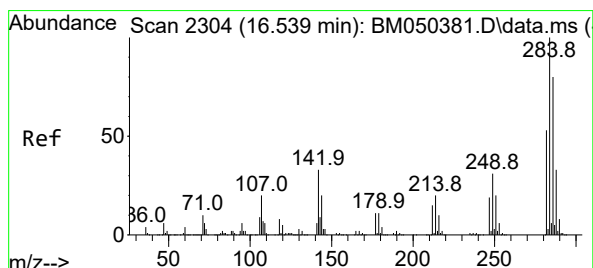
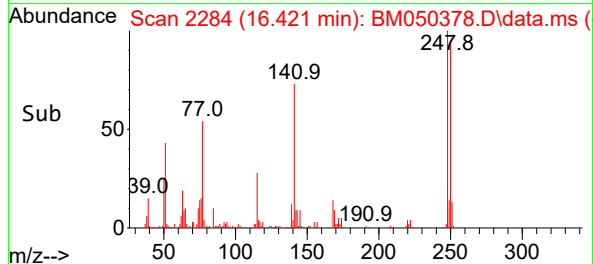
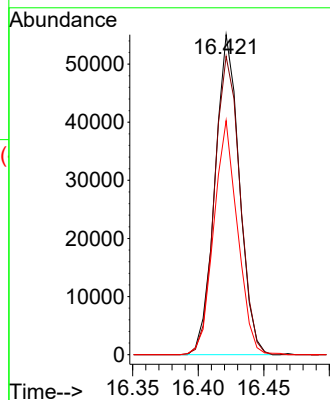
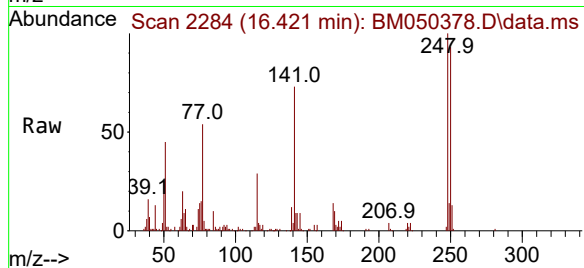




#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

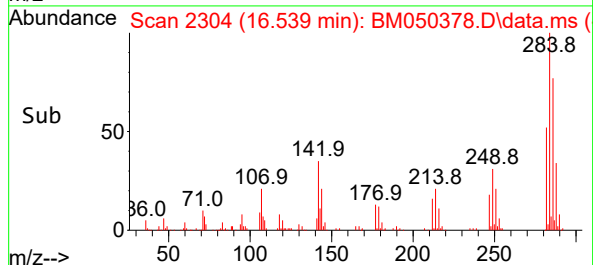
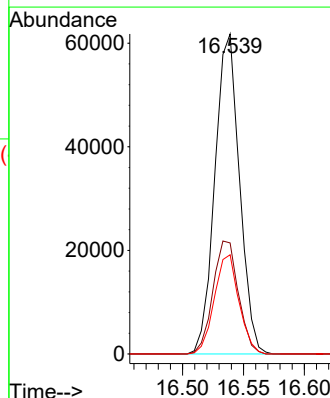
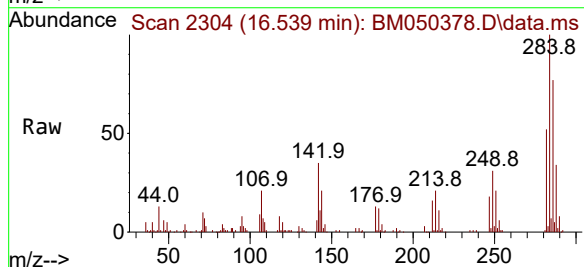
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

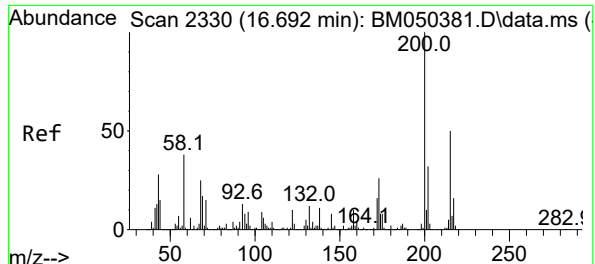
Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.9	116.9
141	73.2	49.7	74.5



#68
Hexachlorobenzene
Concen: 4.587 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	26.8	40.2
249	31.0	24.5	36.7

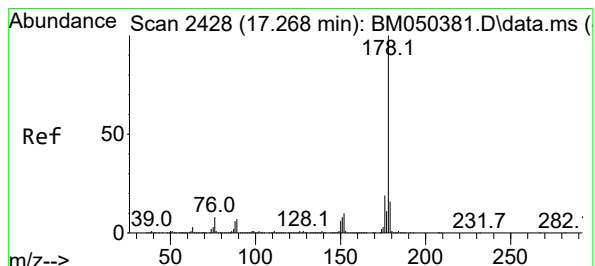
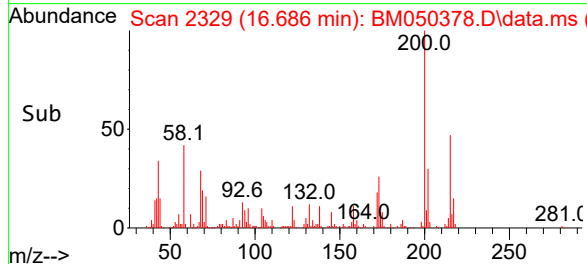
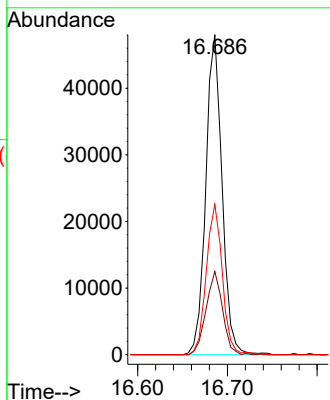
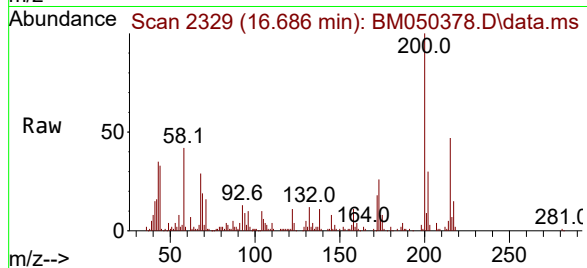




#69
Atrazine
Concen: 4.046 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

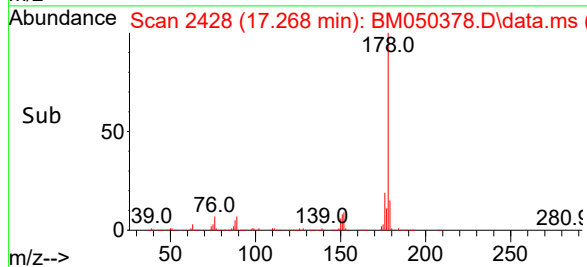
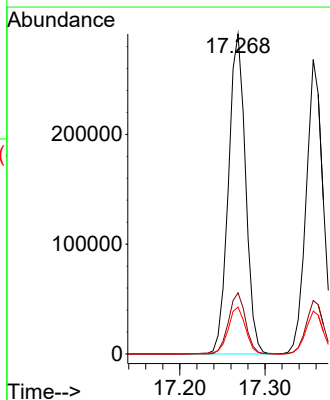
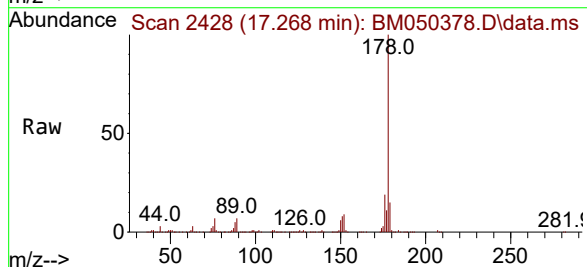
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

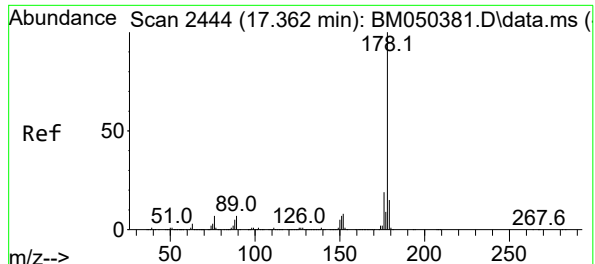
Tgt Ion	200	Resp:	60444
Ion Ratio	Lower	Upper	
200	100		
173	26.0	5.6	45.6
215	47.0	29.6	69.6



#71
Phenanthrene
Concen: 4.943 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion	178	Resp:	406647
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.0
179	14.7	12.5	18.7

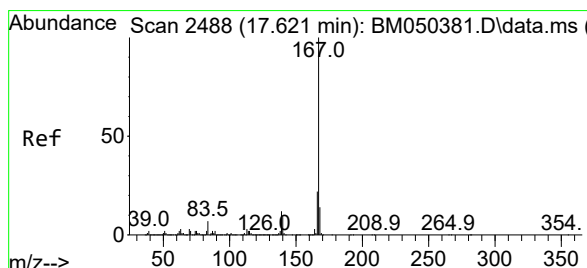
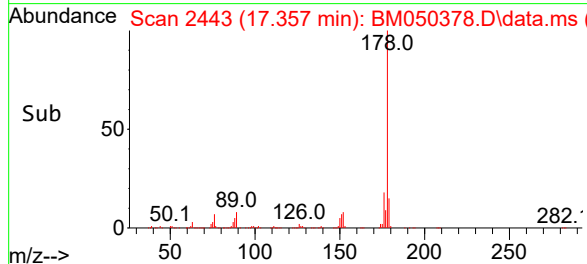
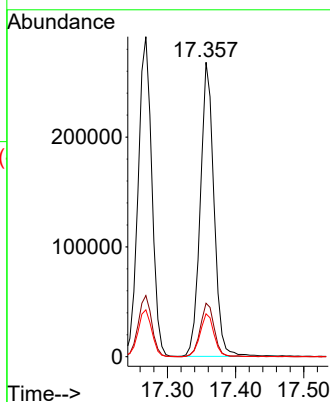
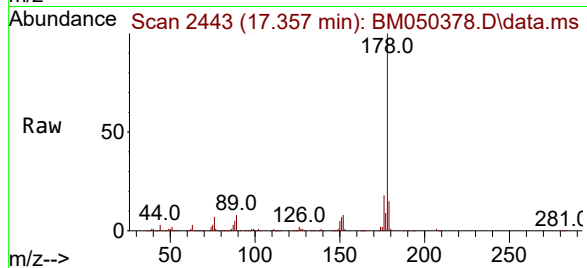




#72
Anthracene
Concen: 4.563 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

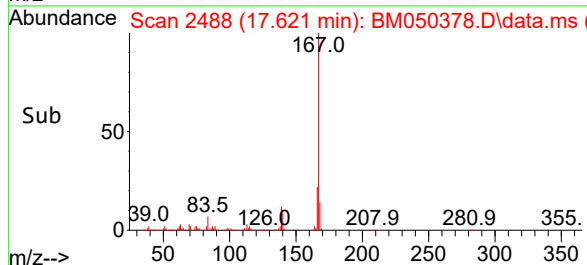
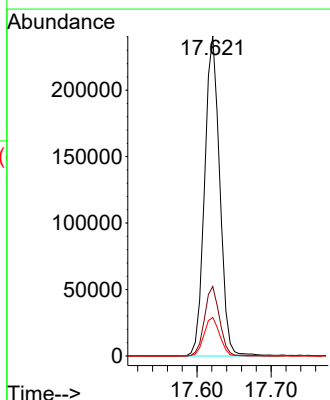
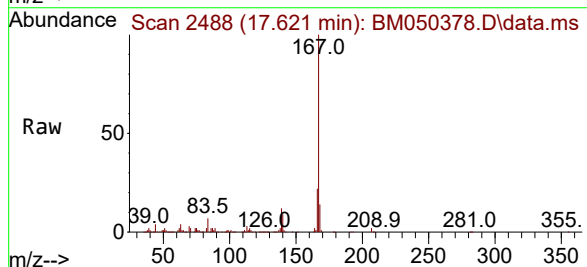
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

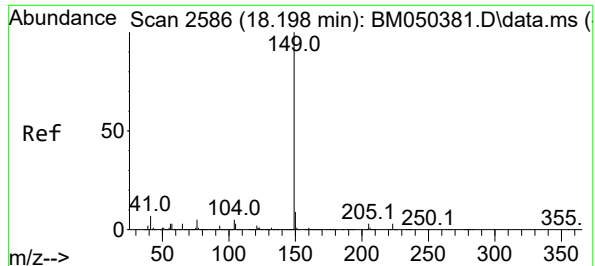
Tgt Ion:178 Resp: 373674
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.6 12.2 18.4



#73
Carbazole
Concen: 4.605 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:167 Resp: 341196
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.1 9.9 14.9

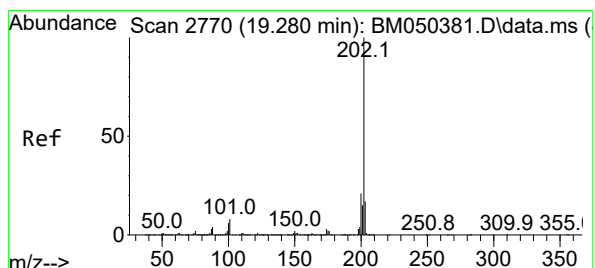
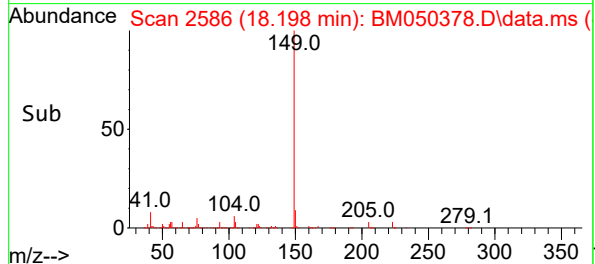
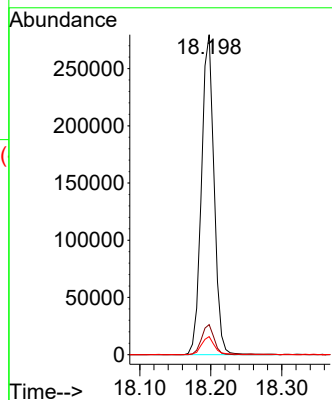
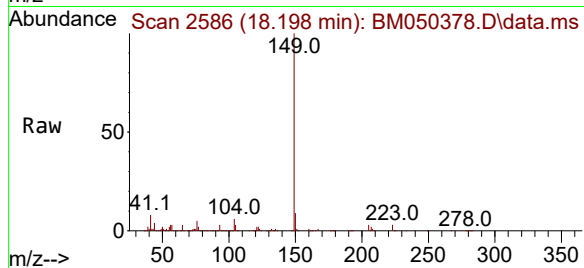




#74
Di-n-butylphthalate
Concen: 4.274 ng
RT: 18.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

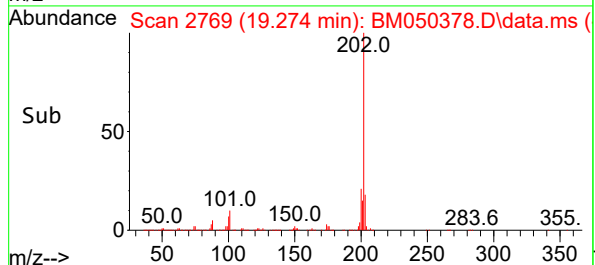
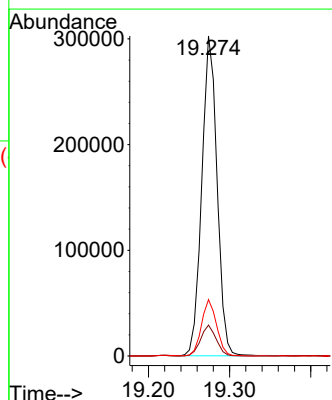
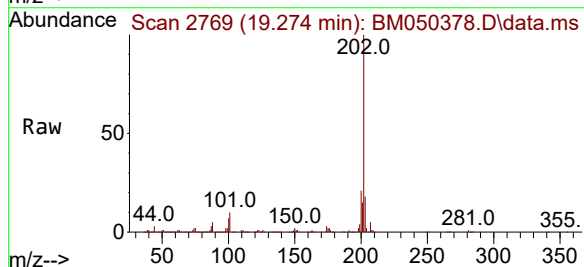
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

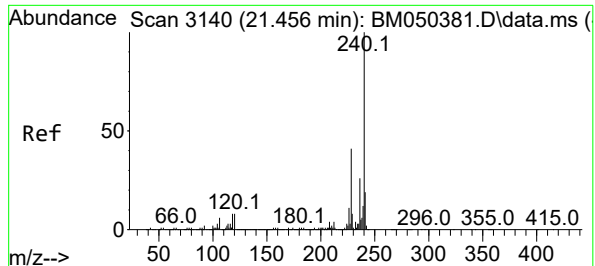
Tgt Ion:149 Resp: 346654
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.7 3.9 5.9



#75
Fluoranthene
Concen: 4.421 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 395390
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.3
203 17.6 0.0 37.2

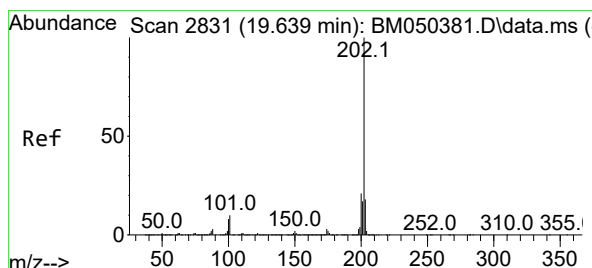
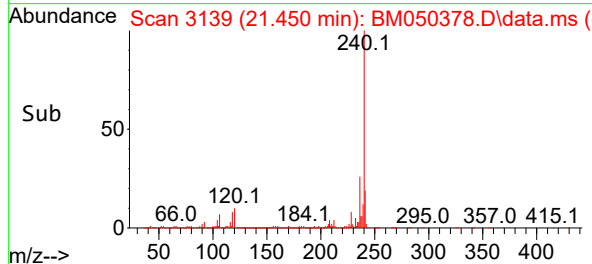
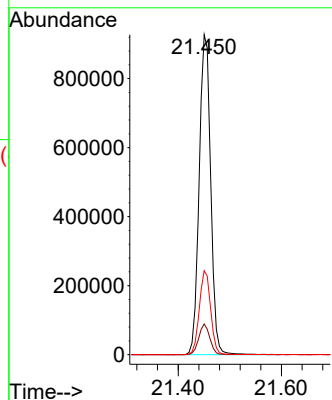
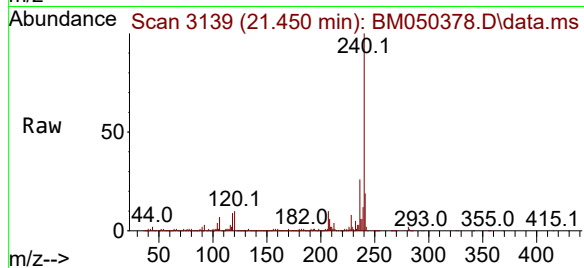




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

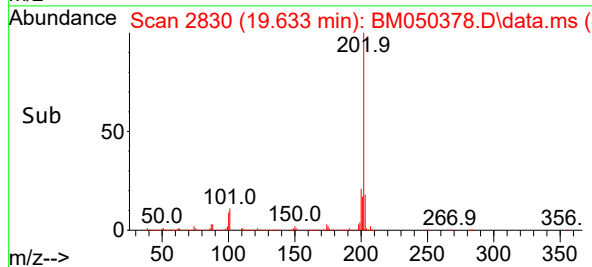
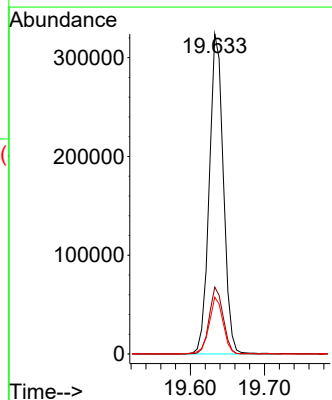
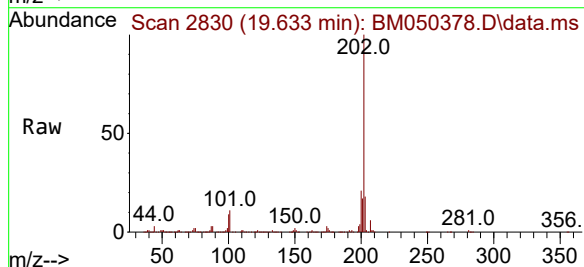
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

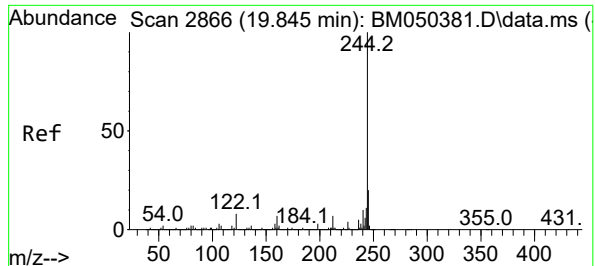
Tgt Ion:240 Resp: 1431554
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 26.3 20.7 31.1



#78
Pyrene
Concen: 4.676 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 428758
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 14.1 21.1

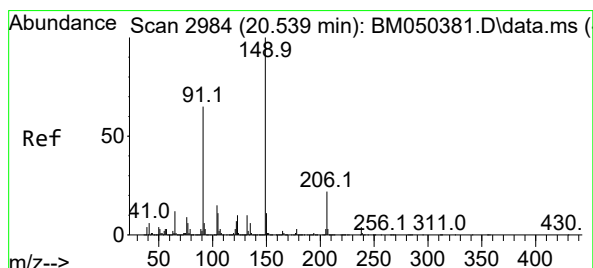
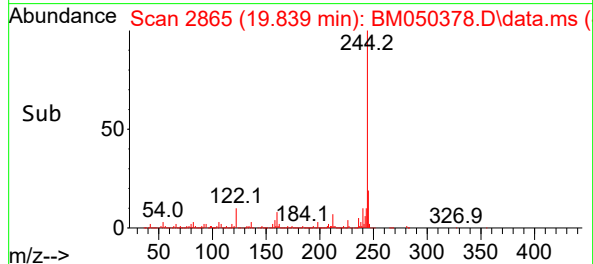
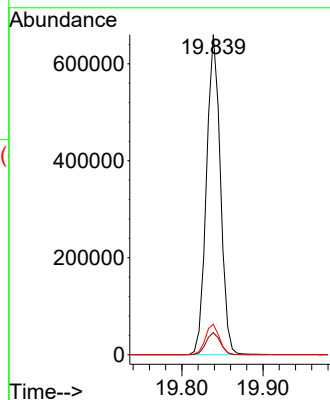
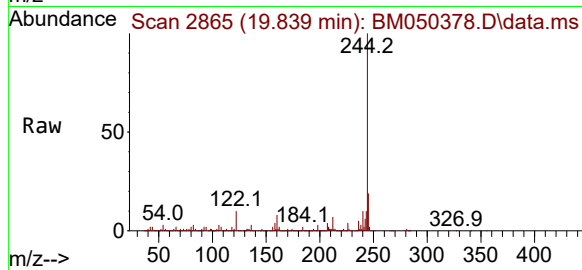




#79
Terphenyl-d14
Concen: 9.630 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

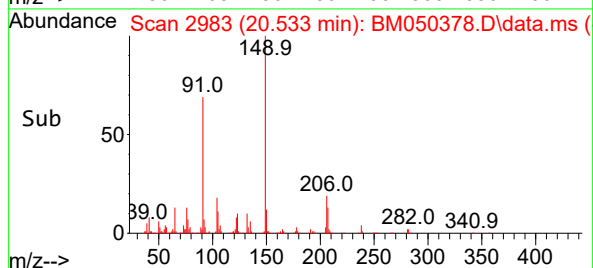
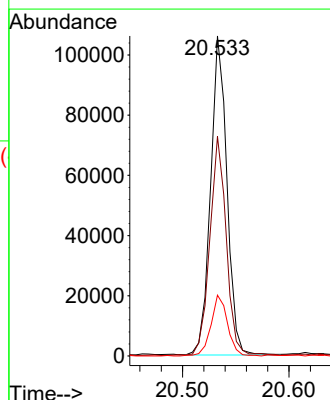
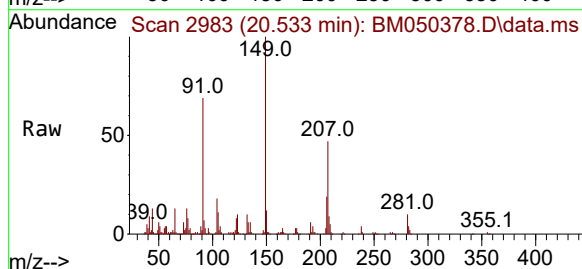
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

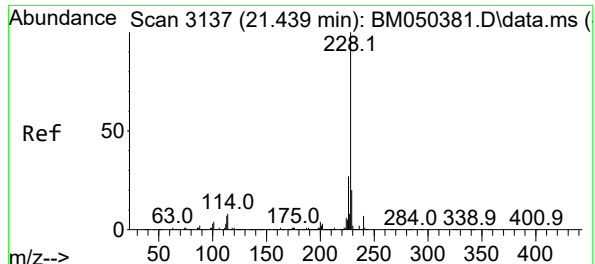
Tgt Ion:244 Resp: 783562
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.5 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 3.757 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:149 Resp: 113580
Ion Ratio Lower Upper
149 100
91 68.6 51.6 77.4
206 19.0 17.8 26.8

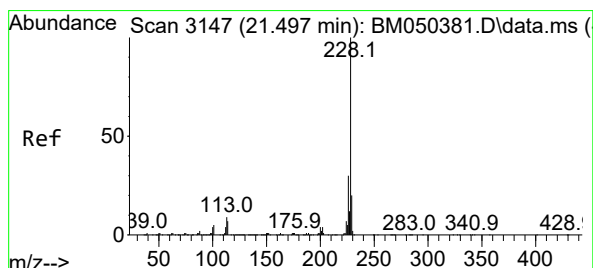
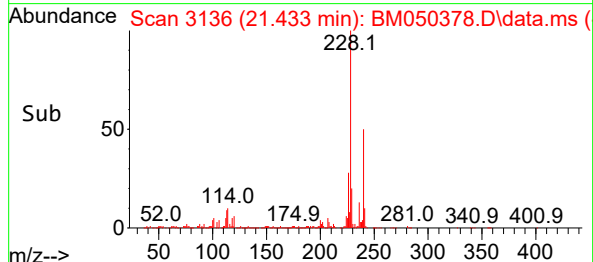
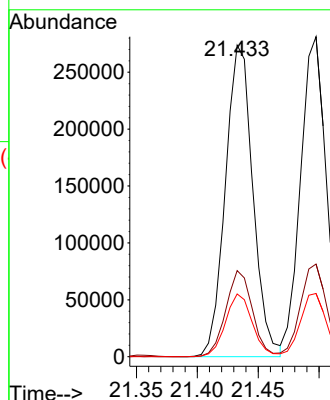
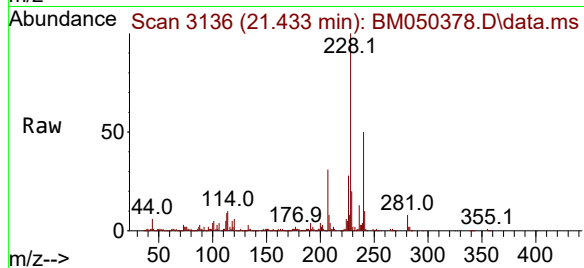




#81
Benzo(a)anthracene
Concen: 4.620 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

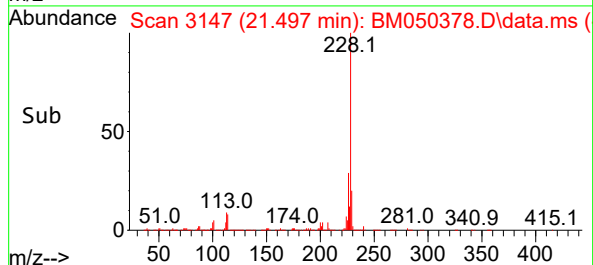
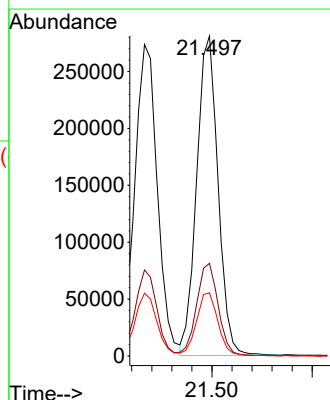
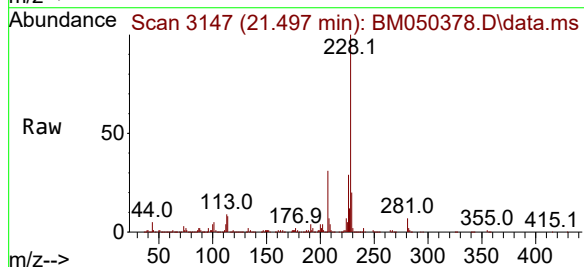
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

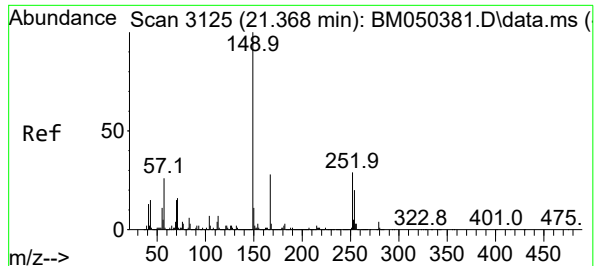
Tgt Ion:228 Resp: 430980
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.1 16.0 24.0



#83
Chrysene
Concen: 4.727 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:228 Resp: 415885
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.4
229 19.8 15.8 23.6

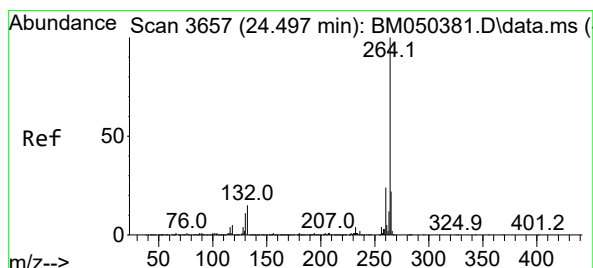
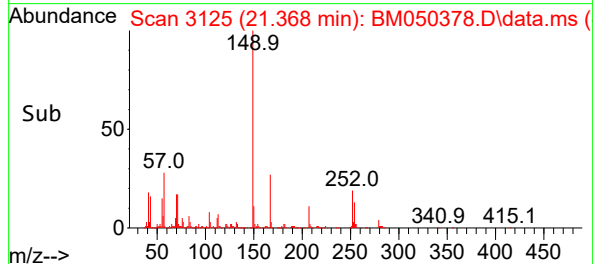
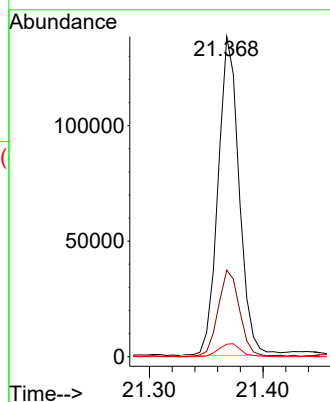
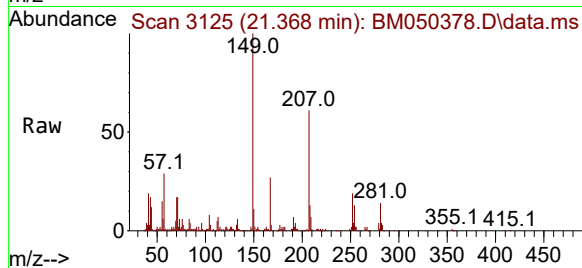




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.724 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

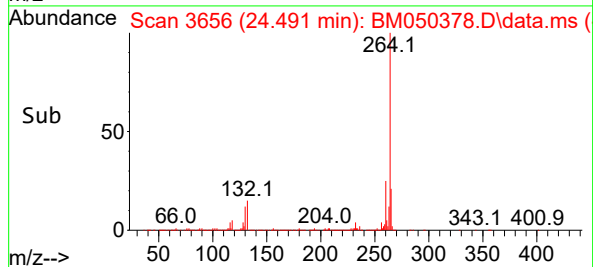
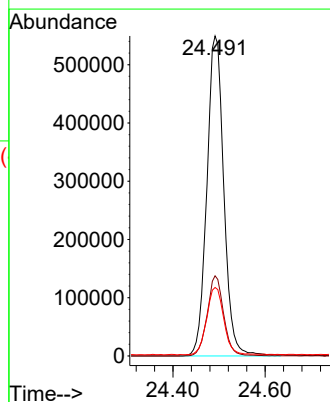
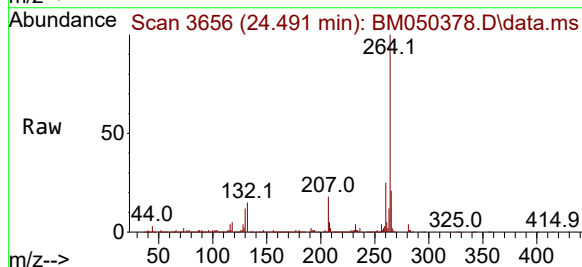
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

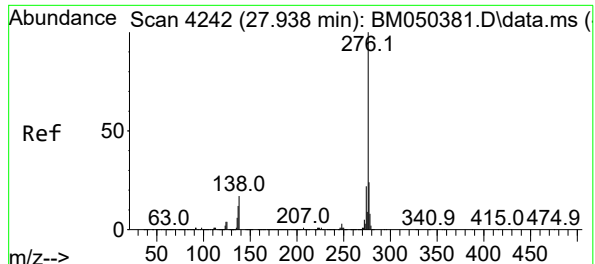
Tgt Ion:149 Resp: 178701
Ion Ratio Lower Upper
149 100
167 27.1 22.7 34.1
279 3.9 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:264 Resp: 1410719
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.4 17.8 26.6

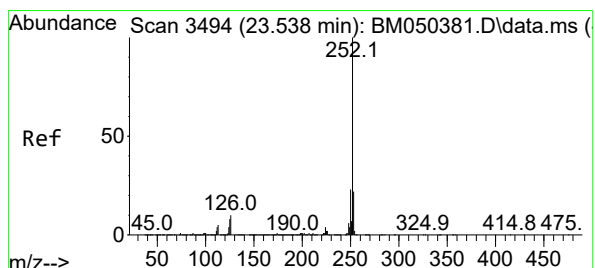
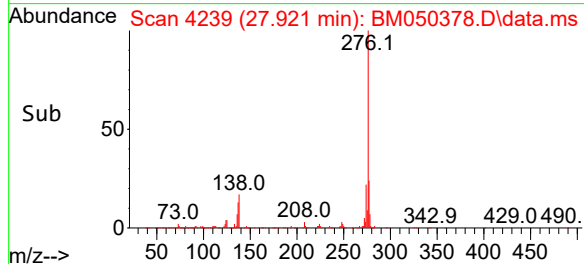
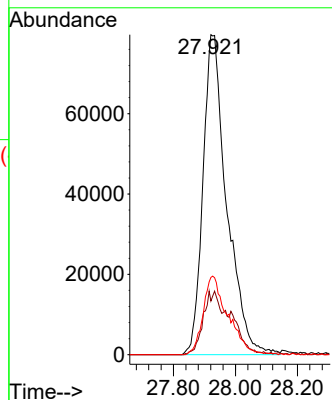
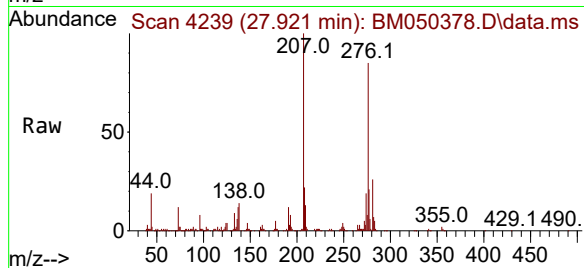




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.249 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

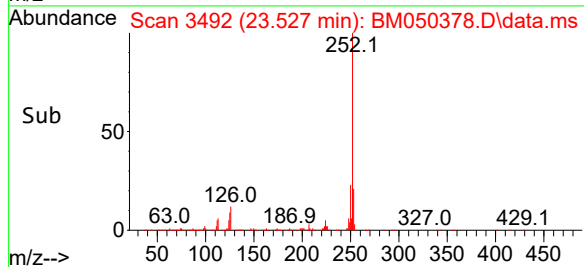
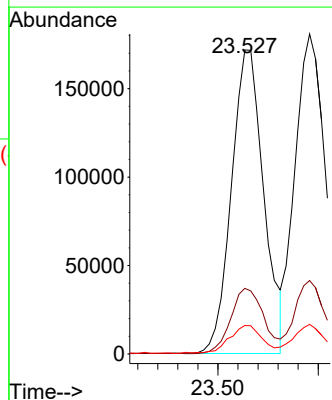
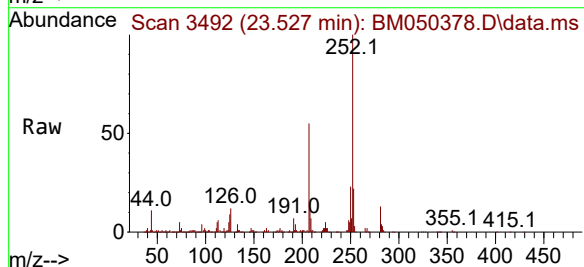
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

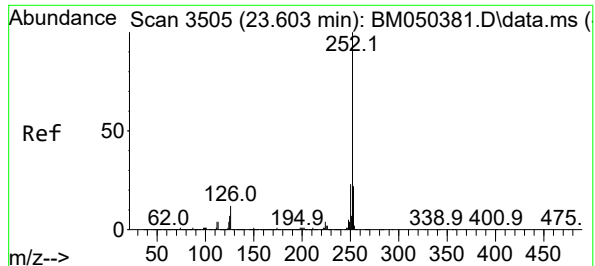
Tgt Ion:276 Resp: 426152
Ion Ratio Lower Upper
276 100
138 17.1 17.0 25.6
277 25.5 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 4.431 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 384470
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.4 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 4.330 ng

RT: 23.591 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

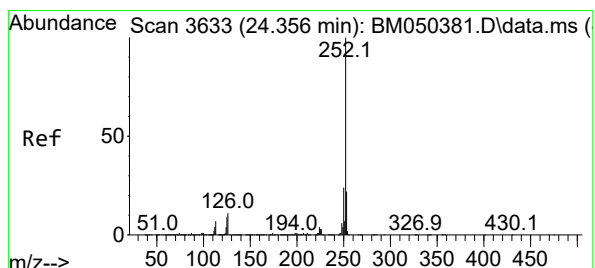
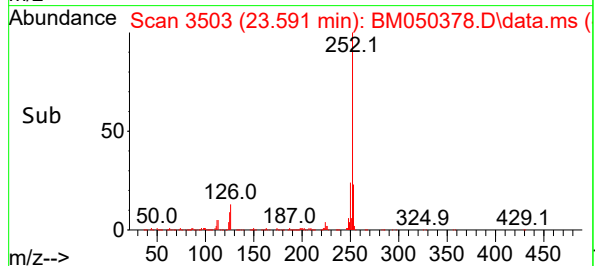
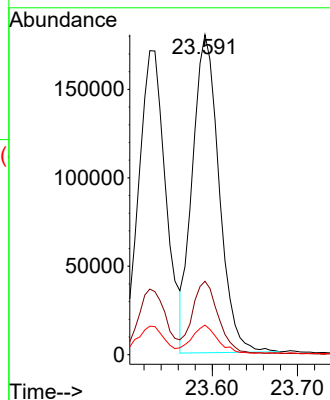
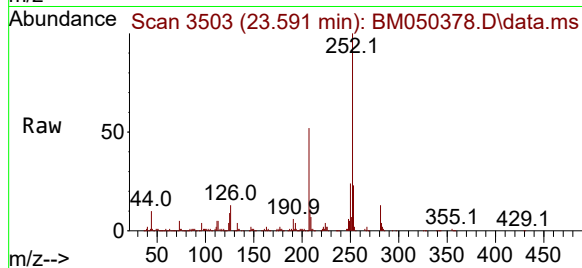
Tgt Ion:252 Resp: 389878

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 9.3 6.2 9.2#



#90

Benzo(a)pyrene

Concen: 4.177 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

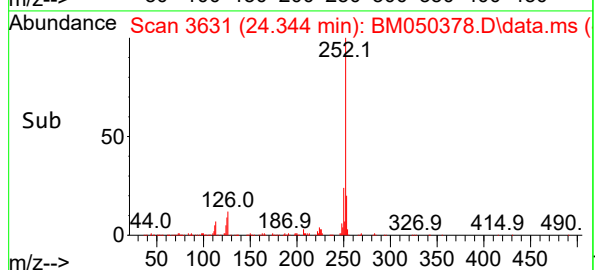
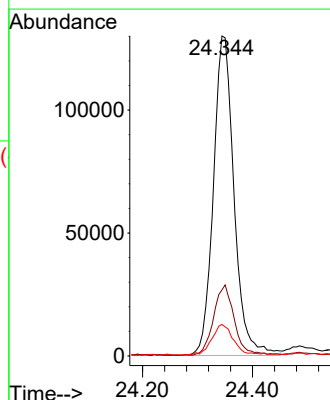
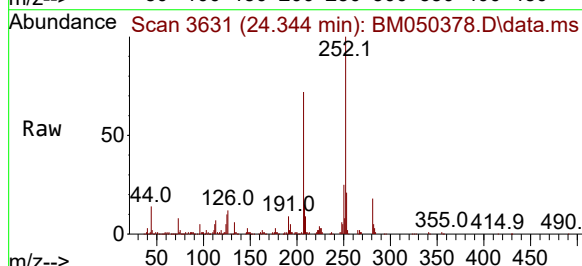
Tgt Ion:252 Resp: 339308

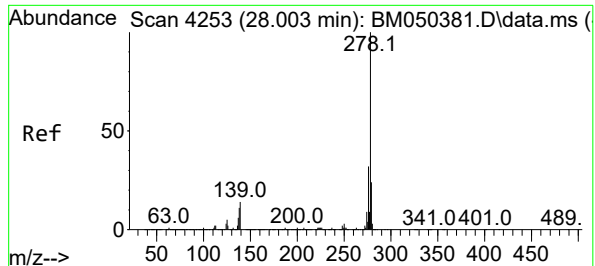
Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 9.9 7.0 10.4

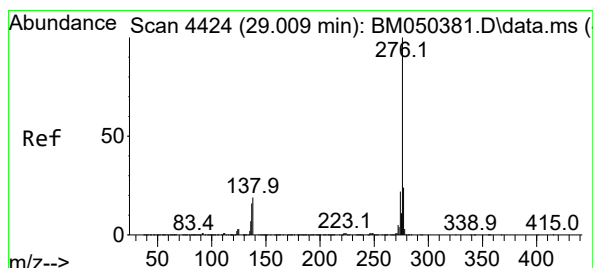
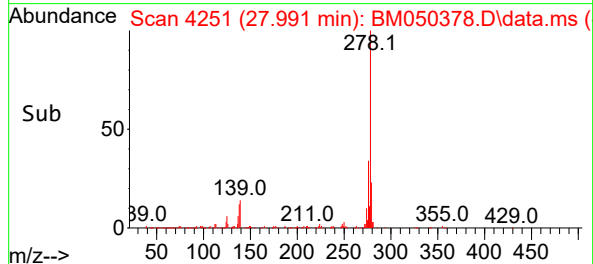
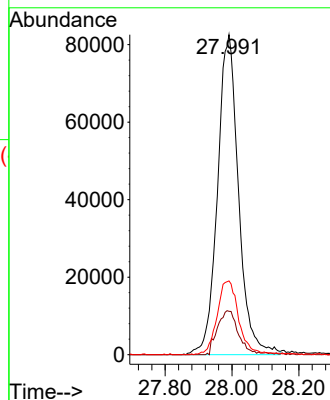
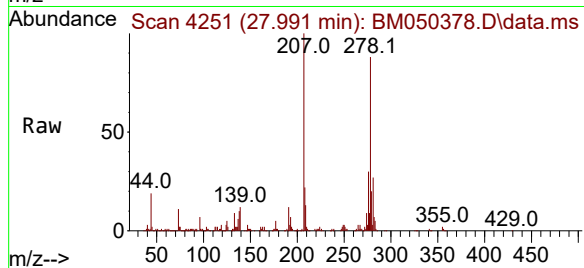




#91
Dibenzo(a,h)anthracene
Concen: 4.269 ng
RT: 27.991 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

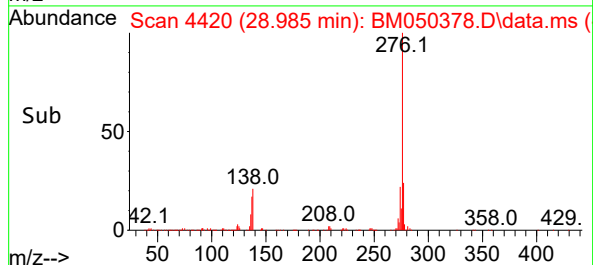
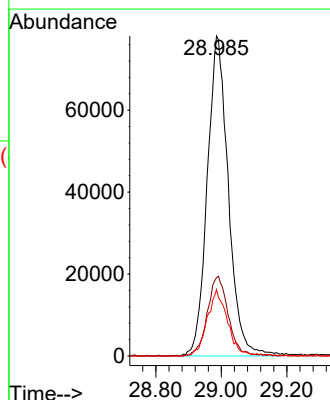
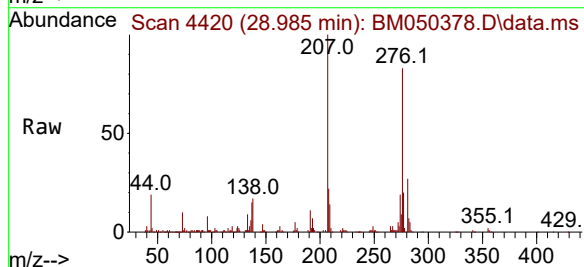
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 360576
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 23.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 4.382 ng
RT: 28.985 min Scan# 4420
Delta R.T. -0.023 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:276 Resp: 349804
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 20.8 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050379.D
 Acq On : 08 Jul 2025 14:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Jul 08 18:20:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	361961	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1342132	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	846249	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1580349	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1564213	20.000	ng	0.00
86) Perylene-d12	24.491	264	1552476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	390415	18.566	ng	0.00
7) Phenol-d6	7.016	99	480384	18.122	ng	0.00
23) Nitrobenzene-d5	9.016	82	476926	18.129	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	165401	16.086	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	1301714	18.996	ng	0.00
79) Terphenyl-d14	19.839	244	1735885	19.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	84322	9.752	ng	97
3) Pyridine	3.734	79	216596	9.541	ng	96
4) n-Nitrosodimethylamine	3.640	42	101622	9.602	ng	# 92
6) Aniline	7.187	93	308012	9.054	ng	99
8) 2-Chlorophenol	7.428	128	200037	9.022	ng	99
9) Benzaldehyde	6.998	77	170875m	10.835	ng	
10) Phenol	7.045	94	255531	9.242	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	205153	9.265	ng	95
12) 1,3-Dichlorobenzene	7.757	146	257848	9.564	ng	99
13) 1,4-Dichlorobenzene	7.898	146	264062	9.592	ng	99
14) 1,2-Dichlorobenzene	8.222	146	252415	9.577	ng	96
15) Benzyl Alcohol	8.098	79	164181	8.790	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	315036	9.659	ng	100
17) 2-Methylphenol	8.298	107	162594	9.067	ng	96
18) Hexachloroethane	8.951	117	90719	9.370	ng	95
19) n-Nitroso-di-n-propyla...	8.669	70	146225	9.106	ng	98
20) 3+4-Methylphenols	8.622	107	211795	8.798	ng	99
22) Acetophenone	8.681	105	321333	9.576	ng	# 98
24) Nitrobenzene	9.057	77	220849	9.408	ng	98
25) Isophorone	9.586	82	385498	9.031	ng	98
26) 2-Nitrophenol	9.769	139	74836	7.822	ng	92
27) 2,4-Dimethylphenol	9.828	122	184710	9.073	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	264798	9.361	ng	99
29) 2,4-Dichlorophenol	10.304	162	187427	8.961	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	234305	9.364	ng	97
31) Naphthalene	10.710	128	653977	9.593	ng	99
32) Benzoic acid	9.886	122	67388	10.696	ng	97
33) 4-Chloroaniline	10.810	127	266307	9.240	ng	99
34) Hexachlorobutadiene	11.004	225	140567	9.205	ng	94
35) Caprolactam	11.557	113	42675	7.474	ng	94
36) 4-Chloro-3-methylphenol	11.927	107	171511	8.781	ng	97
37) 2-Methylnaphthalene	12.322	142	399569	9.283	ng	99
38) 1-Methylnaphthalene	12.539	142	422148	9.267	ng	98
40) 1,2,4,5-Tetrachloroben...	12.686	216	240904	8.952	ng	99
41) Hexachlorocyclopentadiene	12.680	237	135571	7.881	ng	100
43) 2,4,6-Trichlorophenol	12.922	196	141791	8.560	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050379.D
 Acq On : 08 Jul 2025 14:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Jul 08 18:20:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

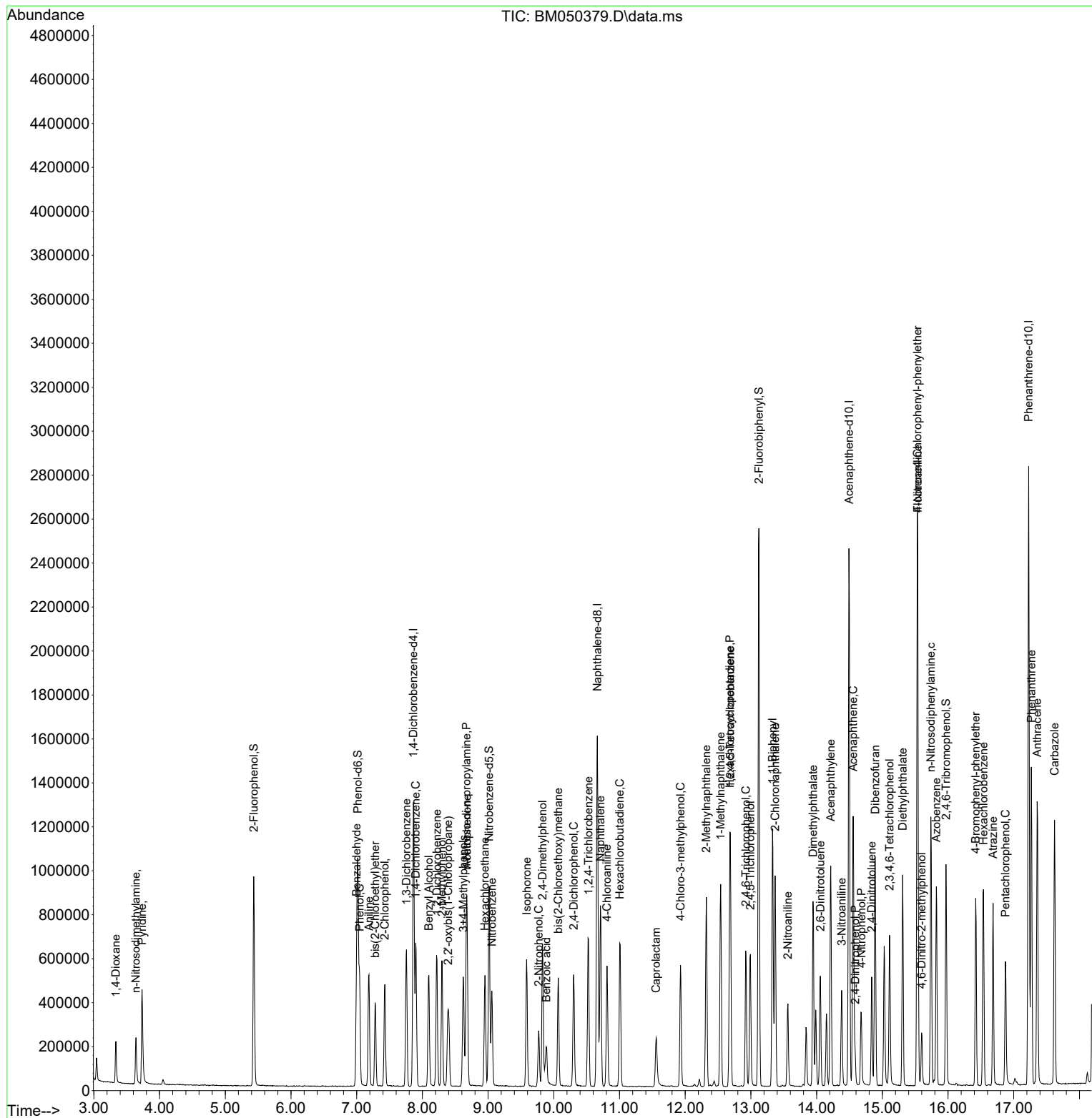
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	159049	8.792	ng	97
46) 1,1'-Biphenyl	13.327	154	600373	9.562	ng	99
47) 2-Chloronaphthalene	13.369	162	476534	9.519	ng	99
48) 2-Nitroaniline	13.563	65	89190	7.982	ng	96
49) Acenaphthylene	14.216	152	701534	9.273	ng	99
50) Dimethylphthalate	13.945	163	543665	9.331	ng	99
51) 2,6-Dinitrotoluene	14.057	165	94728	8.468	ng	94
52) Acenaphthene	14.557	154	444228	9.236	ng	95
53) 3-Nitroaniline	14.380	138	97828	8.223	ng #	93
54) 2,4-Dinitrophenol	14.586	184	31123	11.045	ng	99
55) Dibenzofuran	14.892	168	708153	9.555	ng	98
56) 4-Nitrophenol	14.680	139	76886	7.515	ng	98
57) 2,4-Dinitrotoluene	14.839	165	117194	9.325	ng	92
58) Fluorene	15.539	166	562098	9.208	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	129591	8.509	ng	97
60) Diethylphthalate	15.310	149	512043	9.200	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	284655	8.918	ng	96
62) 4-Nitroaniline	15.539	138	96460	9.259	ng	90
63) Azobenzene	15.821	77	472164	9.239	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	45307	10.934	ng	97
66) n-Nitrosodiphenylamine	15.739	169	455683	9.215	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	153426	8.812	ng	94
68) Hexachlorobenzene	16.539	284	184262	8.960	ng	97
69) Atrazine	16.686	200	137949	8.495	ng	98
70) Pentachlorophenol	16.874	266	96207	7.515	ng	99
71) Phenanthrene	17.268	178	845393	9.454	ng	99
72) Anthracene	17.357	178	803377	9.025	ng	99
73) Carbazole	17.621	167	746026	9.263	ng	100
74) Di-n-butylphthalate	18.198	149	759019	8.610	ng	99
75) Fluoranthene	19.274	202	852385	8.768	ng	98
77) Benzidine	19.456	184	289481	7.256	ng	99
78) Pyrene	19.633	202	920751	9.191	ng	99
80) Butylbenzylphthalate	20.533	149	261606	7.920	ng	95
81) Benzo(a)anthracene	21.433	228	940127	9.224	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	274551	7.988	ng	100
83) Chrysene	21.497	228	902126	9.384	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	426642	8.136	ng	98
85) Di-n-octyl phthalate	22.521	149	580634	7.070	ng	98
87) Indeno(1,2,3-cd)pyrene	27.921	276	960927	8.706	ng #	94
88) Benzo(b)fluoranthene	23.533	252	834603	8.740	ng	99
89) Benzo(k)fluoranthene	23.591	252	883703	8.919	ng	99
90) Benzo(a)pyrene	24.344	252	764280	8.550	ng	99
91) Dibenzo(a,h)anthracene	27.985	278	803056	8.639	ng	98
92) Benzo(g,h,i)perylene	28.997	276	776700	8.841	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

TIC: BM050379.D\data.ms

Abundance

Time-->

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Chrysene-d12, I

Benzo(a)anthracene

Chrysene

3,3'-Diethylbiphenyl

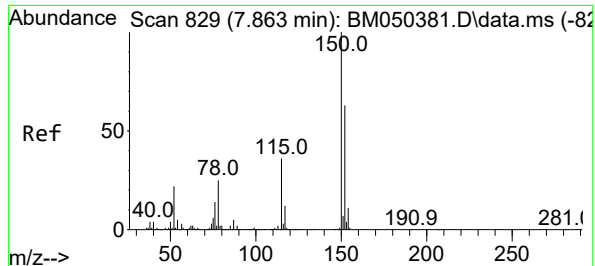
Di-n-octyl phthalate, c

Benzo(a)pyrene, C

Benzo(a)pyrene, C

Indeno(1,2,3-cd)pyrene

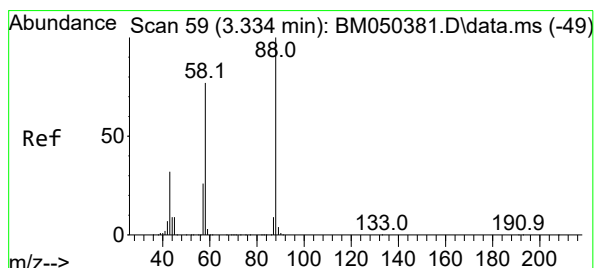
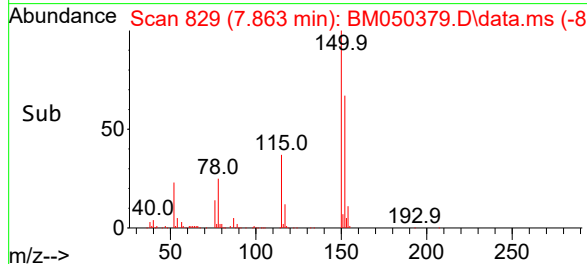
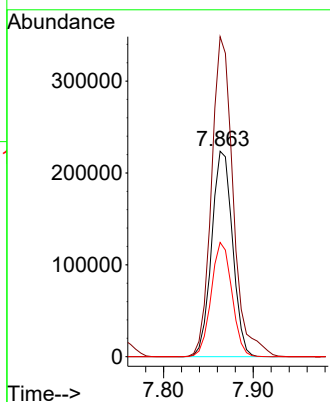
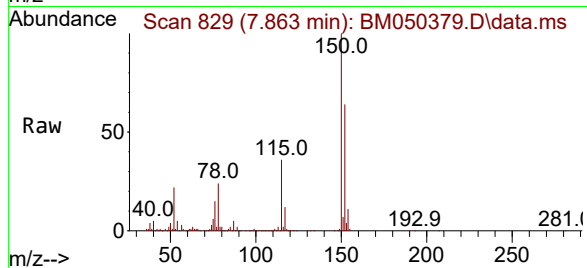
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

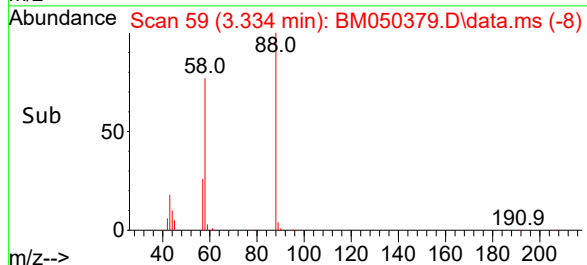
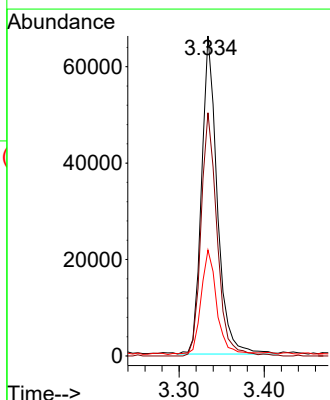
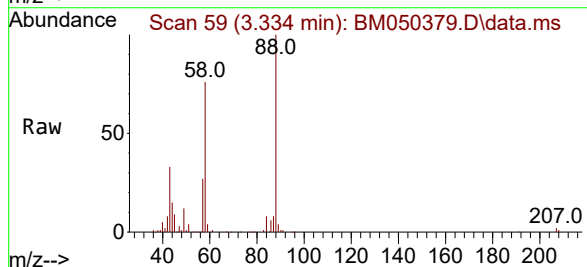
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

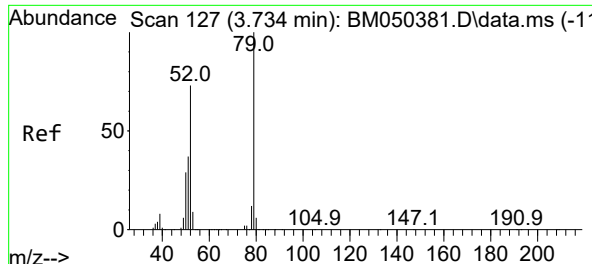
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.4
115	55.6	45.8	68.8



#2
1,4-Dioxane
Concen: 9.752 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	61.0	91.6
43	33.0	24.6	37.0

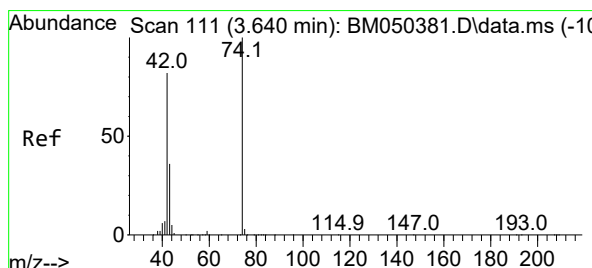
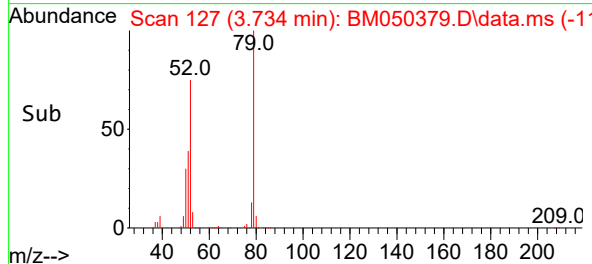
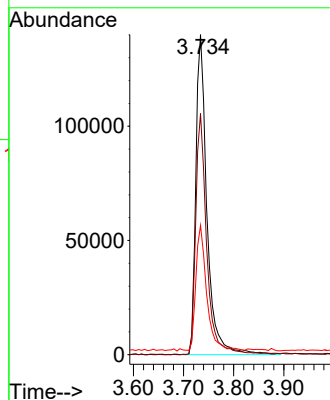
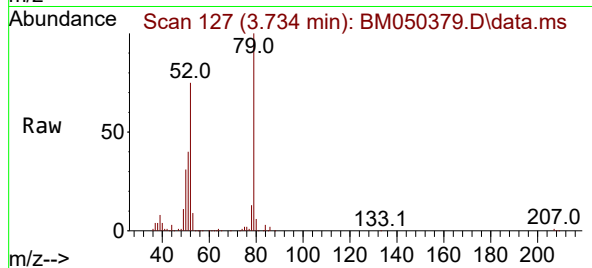




#3
Pyridine
Concen: 9.541 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

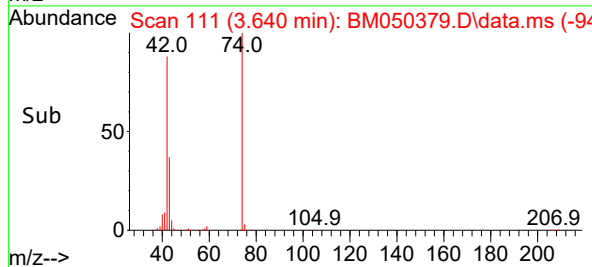
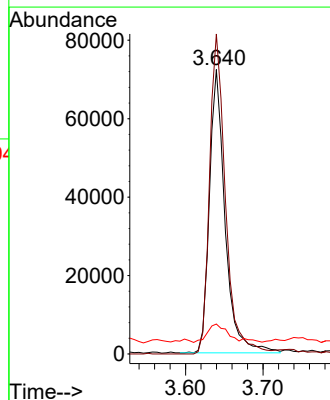
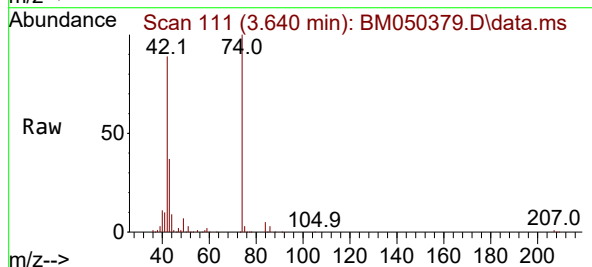
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

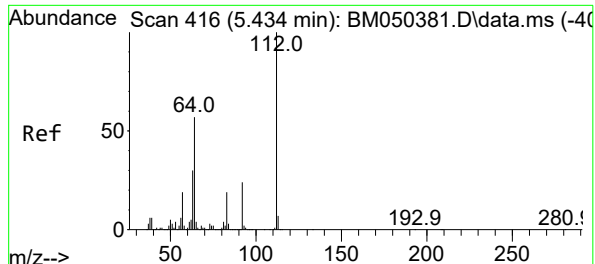
Tgt Ion: 79 Resp: 216596
Ion Ratio Lower Upper
79 100
52 75.4 58.3 87.5
51 40.4 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 9.602 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 42 Resp: 101622
Ion Ratio Lower Upper
42 100
74 112.5 97.5 146.3
44 10.5 5.7 8.5#

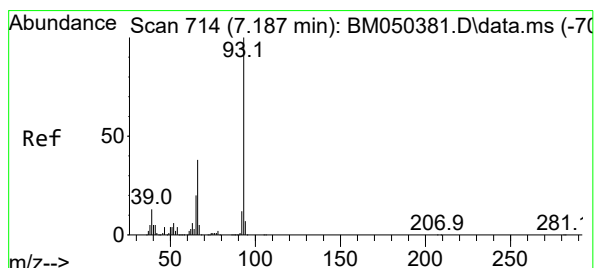
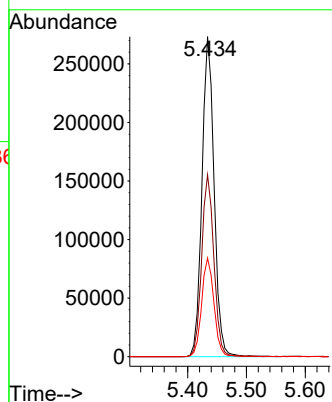
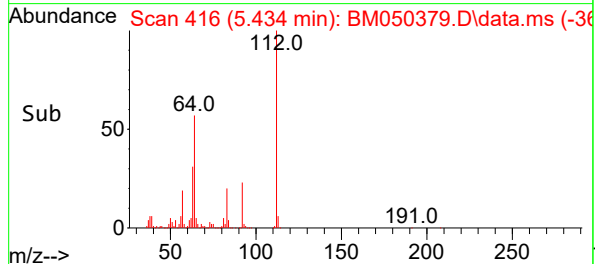
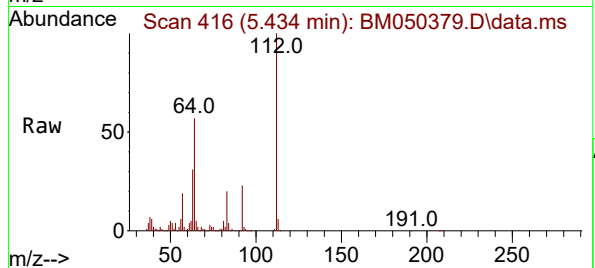




#5
2-Fluorophenol
Concen: 18.566 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

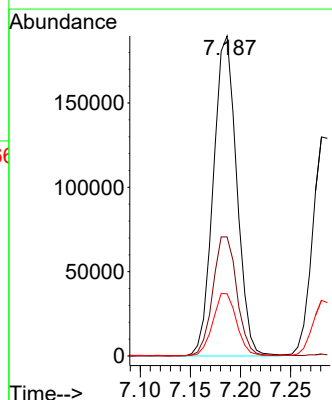
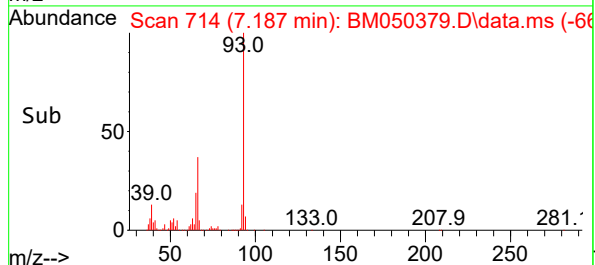
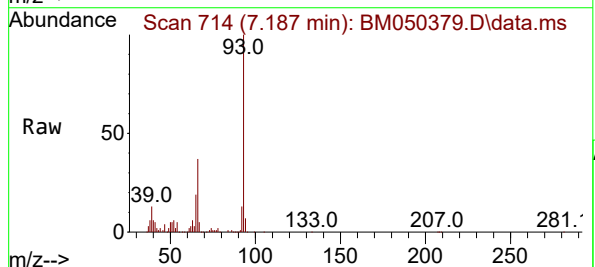
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

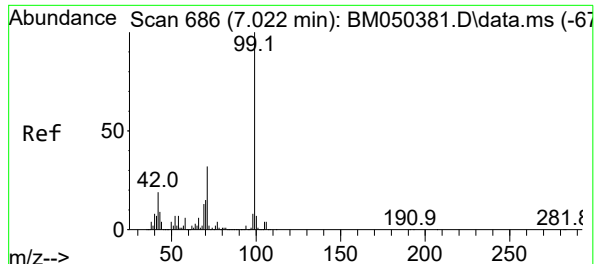
Tgt Ion:112 Resp: 390415
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 30.8 24.2 36.4



#6
Aniline
Concen: 9.054 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 308012
Ion Ratio Lower Upper
93 100
66 37.2 30.5 45.7
65 19.5 15.9 23.9

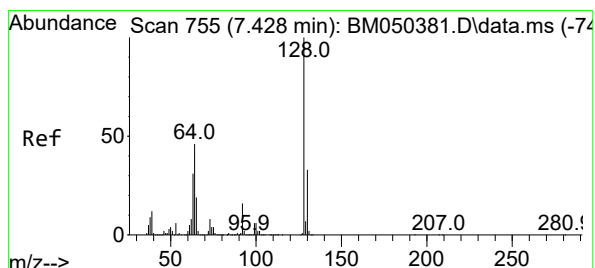
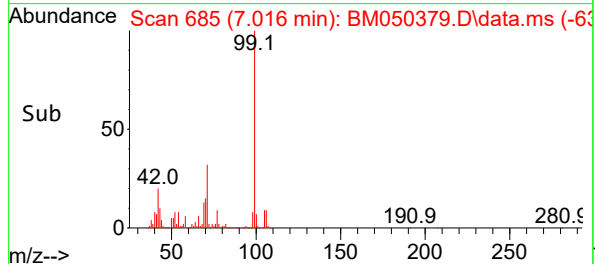
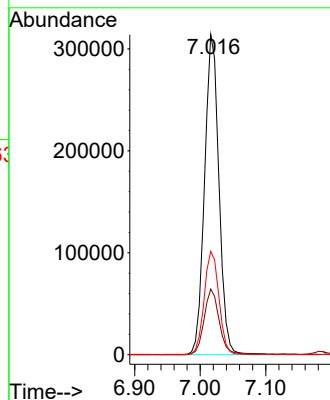
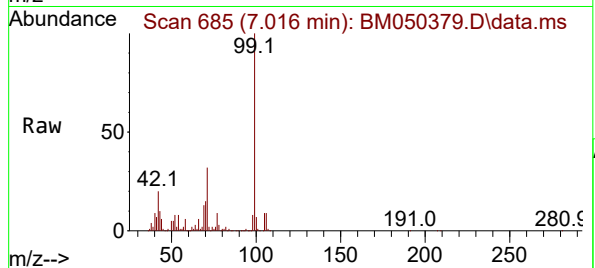




#7
Phenol-d6
Concen: 18.122 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

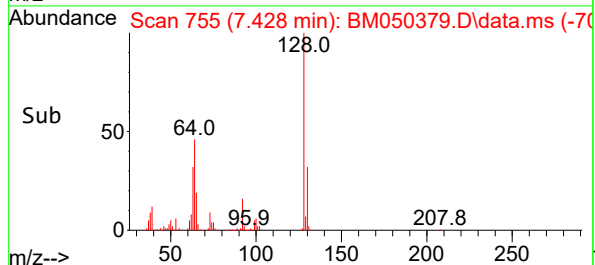
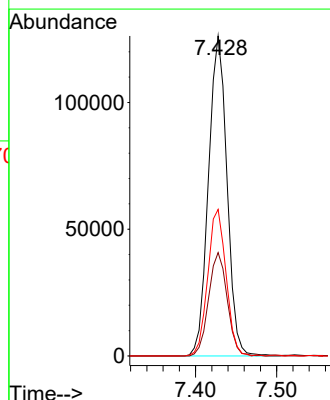
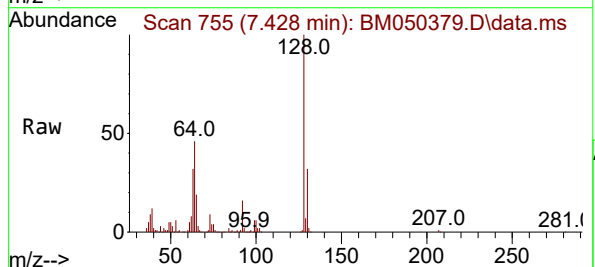
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

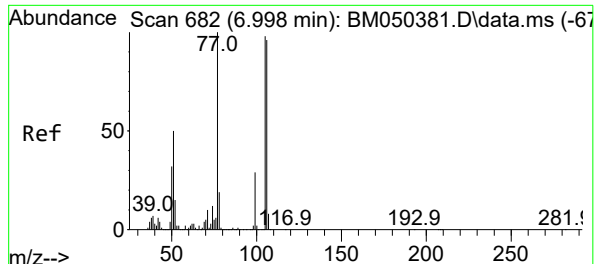
Tgt Ion: 99 Resp: 480384
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.6
71 32.2 25.9 38.9



#8
2-Chlorophenol
Concen: 9.022 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 128 Resp: 200037
Ion Ratio Lower Upper
128 100
130 32.3 13.3 53.3
64 45.8 25.6 65.6





#9

Benzaldehyde

Concen: 10.835 ng m

RT: 6.998 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

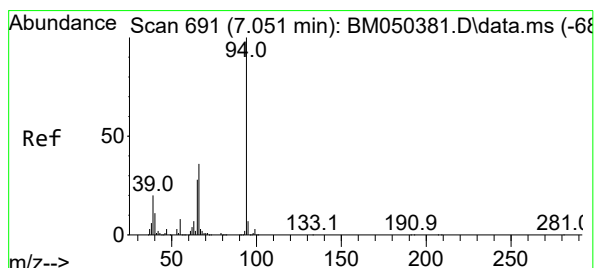
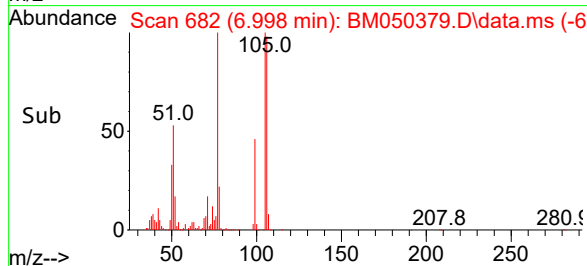
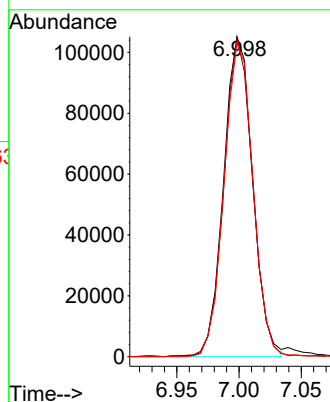
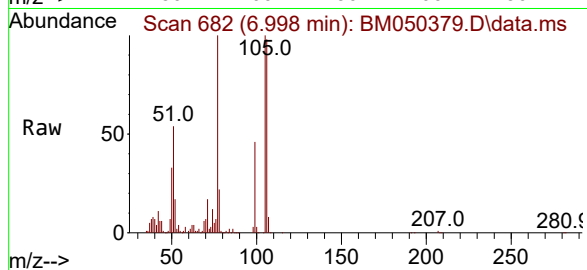
Tgt Ion: 77 Resp: 170875

Ion Ratio Lower Upper

77 100

105 99.7 78.4 118.4

106 98.0 76.3 116.3



#10

Phenol

Concen: 9.242 ng

RT: 7.045 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

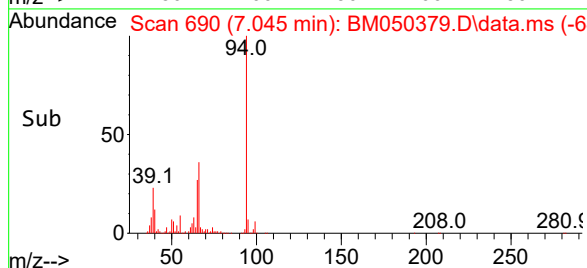
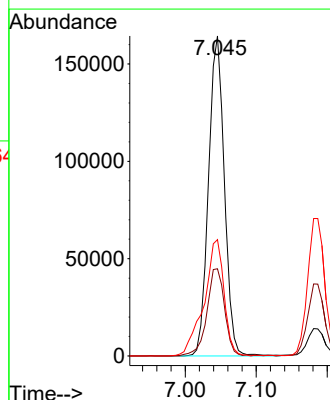
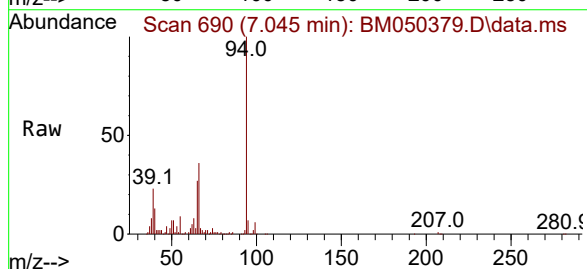
Tgt Ion: 94 Resp: 255531

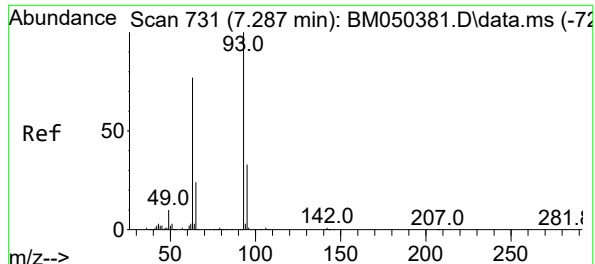
Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

66 36.4 15.8 55.8

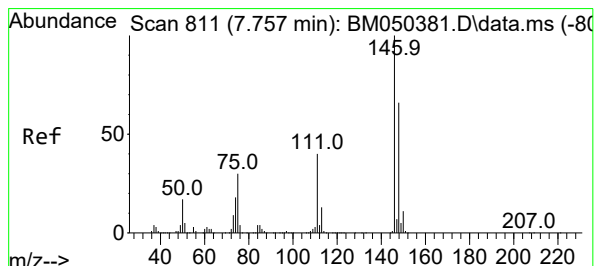
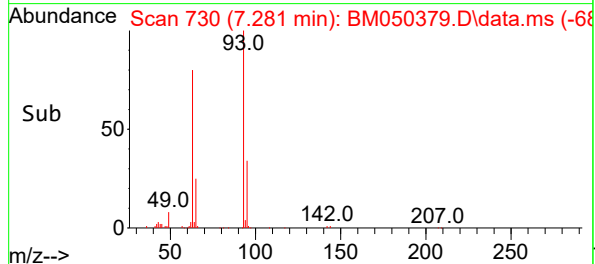
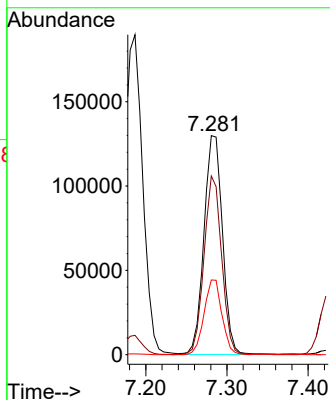
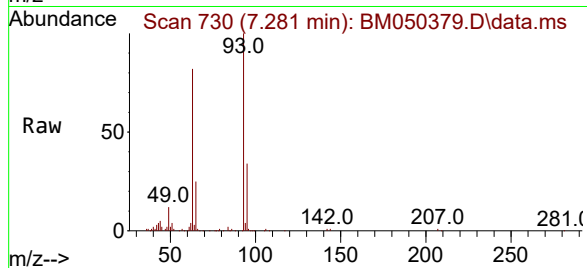




#11
bis(2-Chloroethyl)ether
Concen: 9.265 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

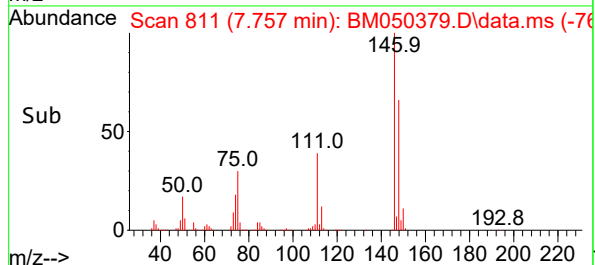
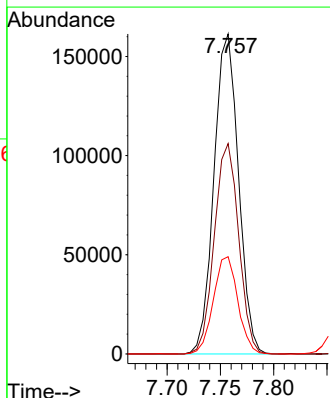
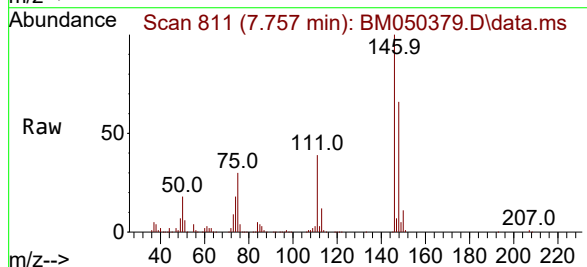
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

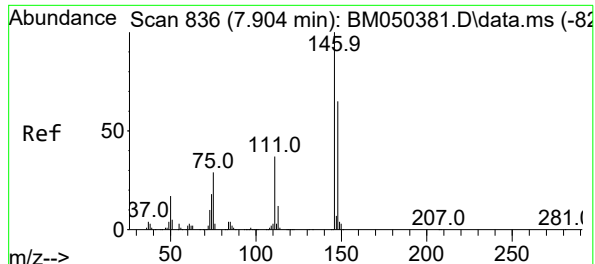
Tgt Ion: 93 Resp: 205153
Ion Ratio Lower Upper
93 100
63 81.6 56.9 96.9
95 34.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 146 Resp: 257848
Ion Ratio Lower Upper
146 100
148 65.7 53.2 79.8
75 30.4 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 9.592 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

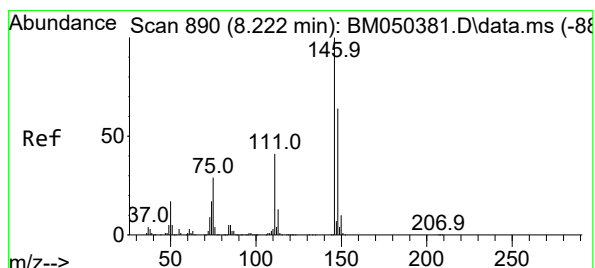
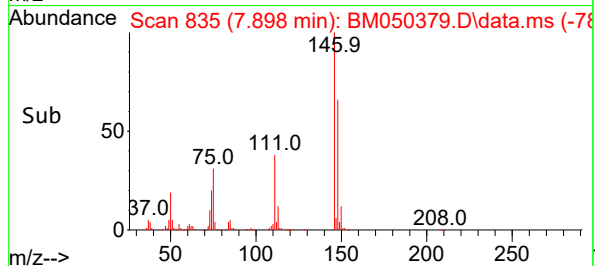
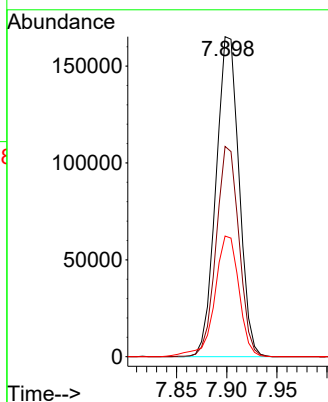
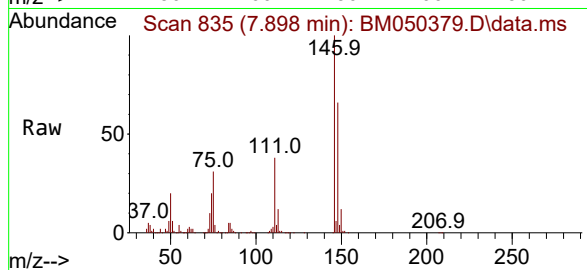
Tgt Ion:146 Resp: 264062

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

111 37.7 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 9.577 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

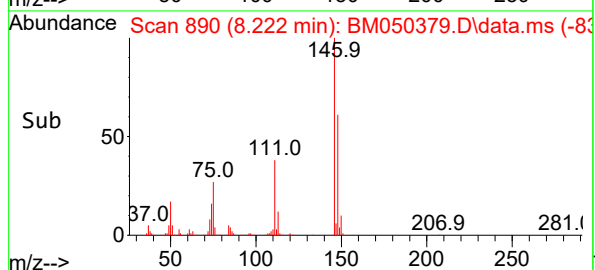
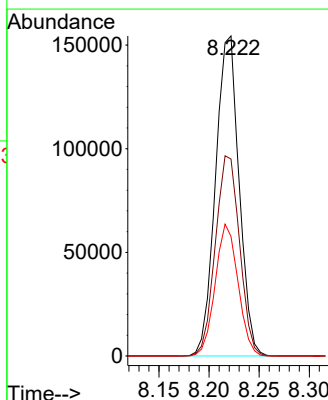
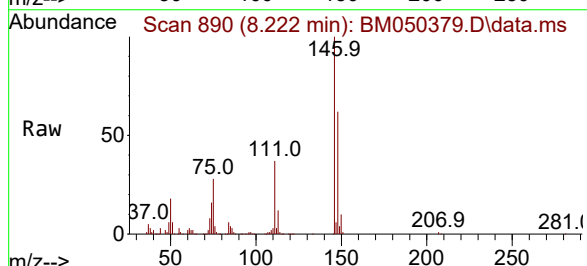
Tgt Ion:146 Resp: 252415

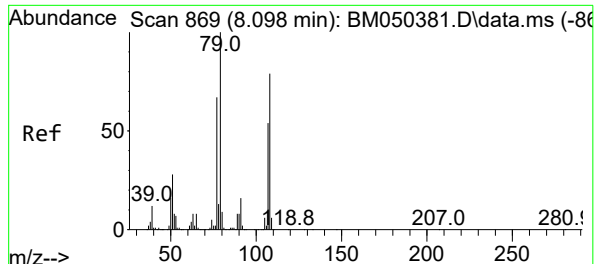
Ion Ratio Lower Upper

146 100

148 61.5 51.5 77.3

111 37.4 32.6 49.0





#15

Benzyl Alcohol

Concen: 8.790 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

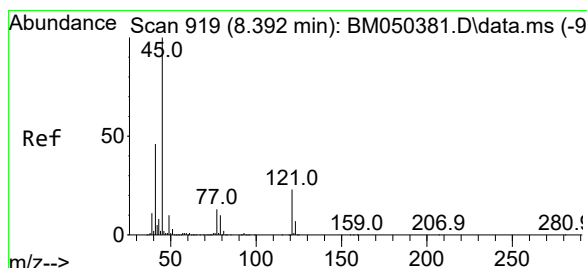
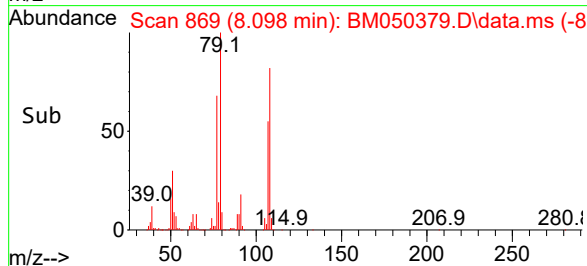
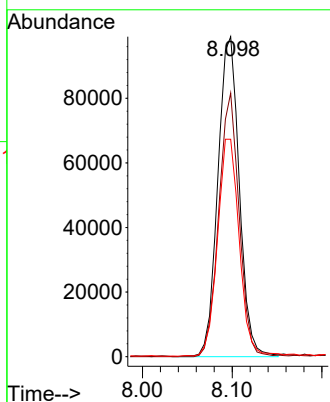
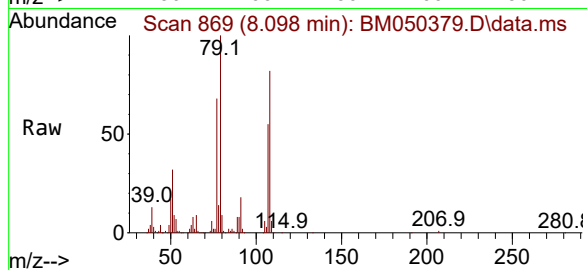
Tgt Ion: 79 Resp: 164181

Ion Ratio Lower Upper

79 100

108 82.4 63.0 94.4

77 67.9 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.659 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

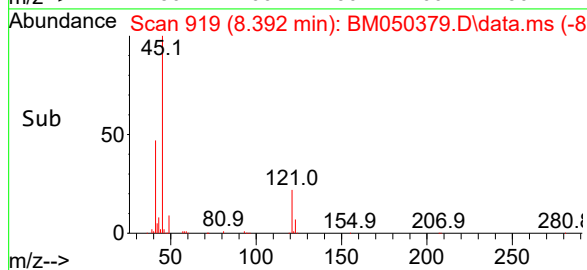
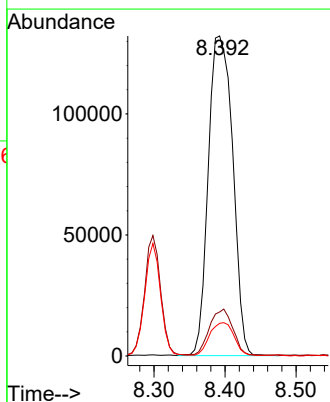
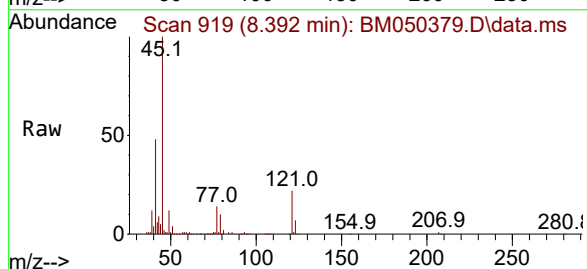
Tgt Ion: 45 Resp: 315036

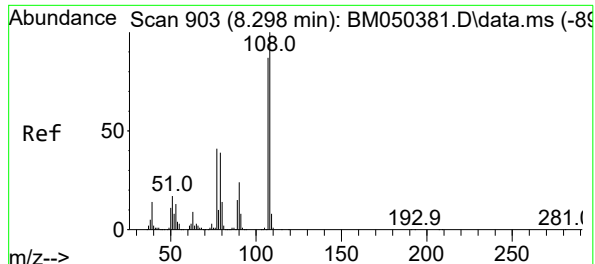
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

79 10.2 0.0 30.3





#17

2-Methylphenol

Concen: 9.067 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050379.D

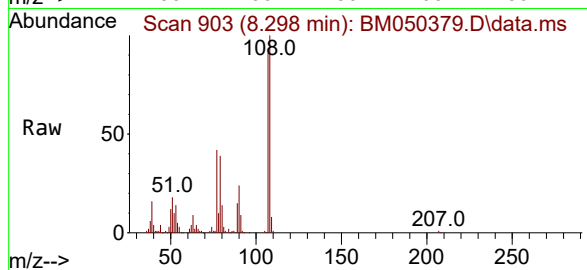
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

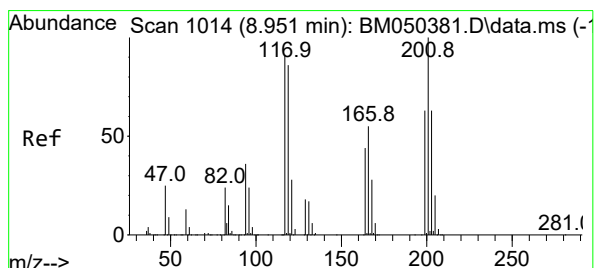
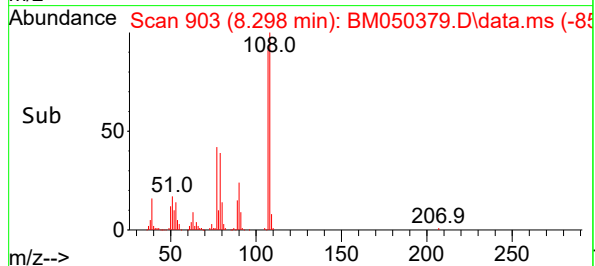
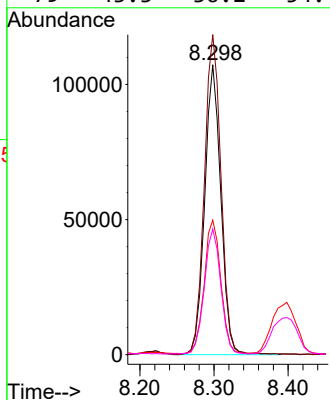
ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 162594

Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.1	138.1
77	46.4	38.2	57.4
79	43.3	36.2	54.4



#18

Hexachloroethane

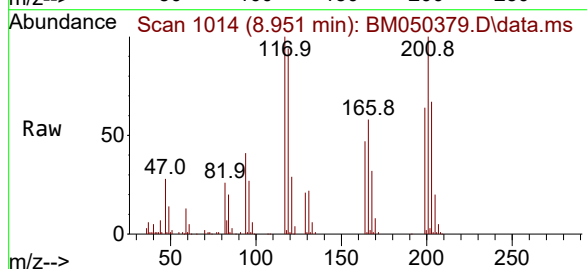
Concen: 9.370 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

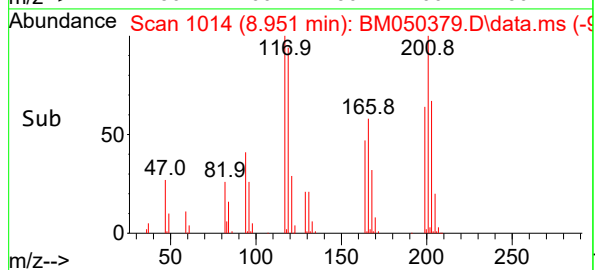
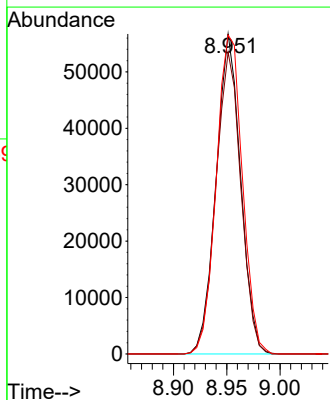
Lab File: BM050379.D

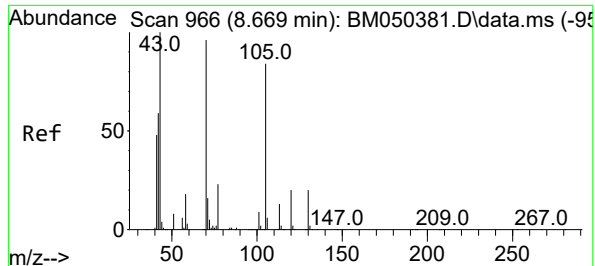
Acq: 08 Jul 2025 14:00



Tgt Ion:117 Resp: 90719

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.6	113.4
201	99.7	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.106 ng

RT: 8.669 min Scan# 9

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 146225

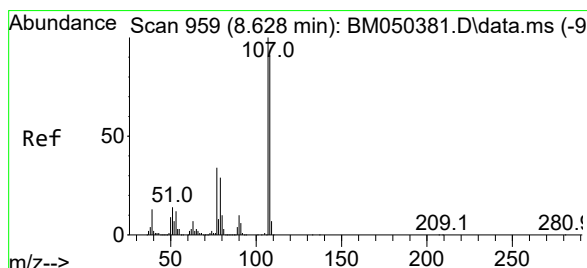
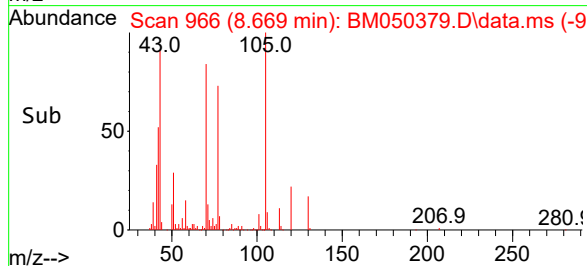
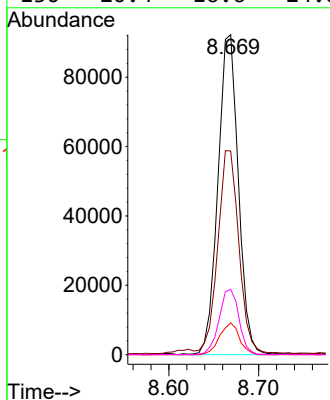
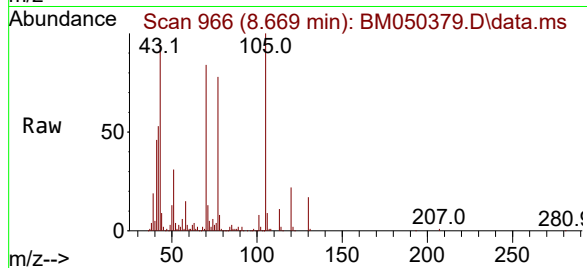
Ion Ratio Lower Upper

70 100

42 63.7 49.7 74.5

101 10.0 7.7 11.5

130 20.4 16.6 24.8



#20

3+4-Methylphenols

Concen: 8.798 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Tgt Ion: 107 Resp: 211795

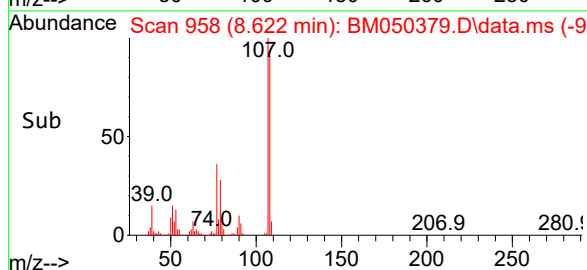
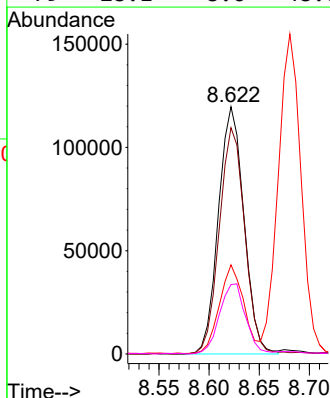
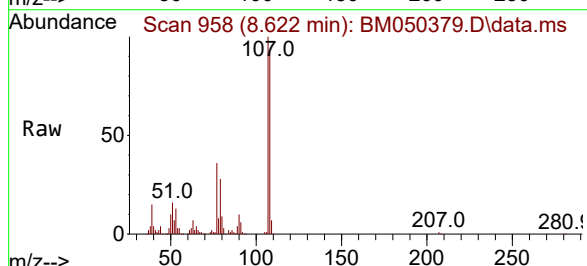
Ion Ratio Lower Upper

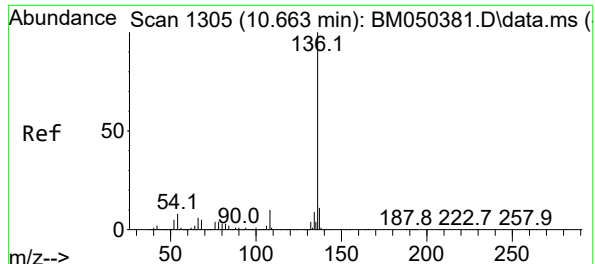
107 100

108 91.5 71.5 111.5

77 36.1 13.7 53.7

79 28.1 8.6 48.6

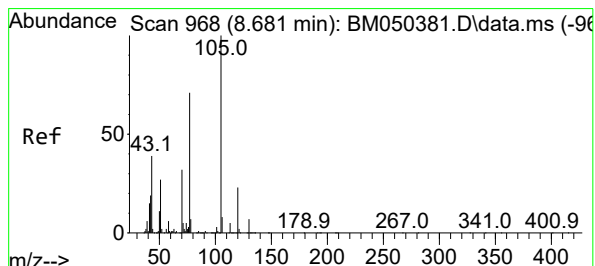
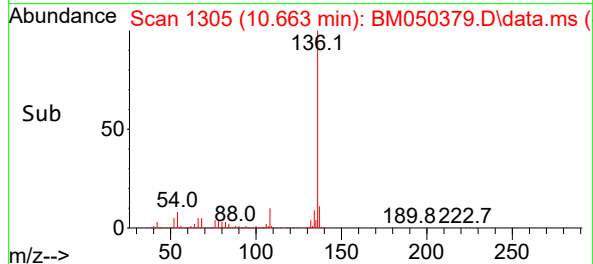
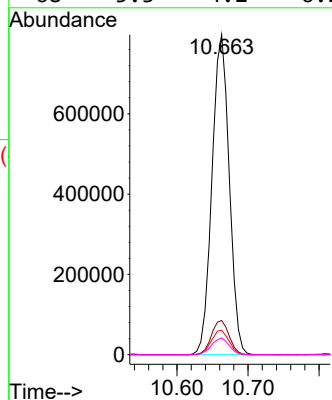
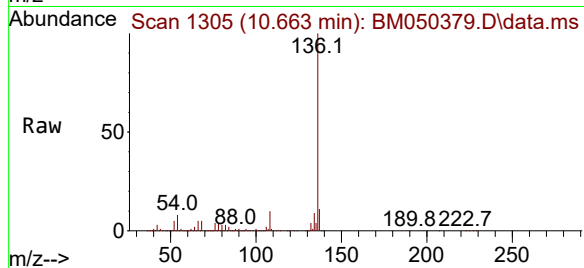




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

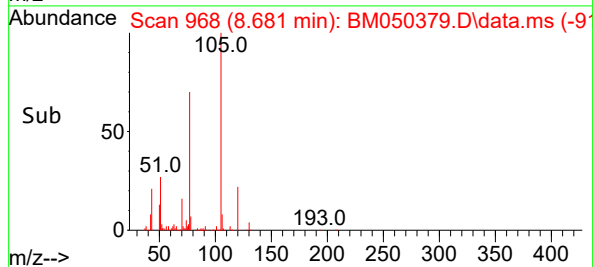
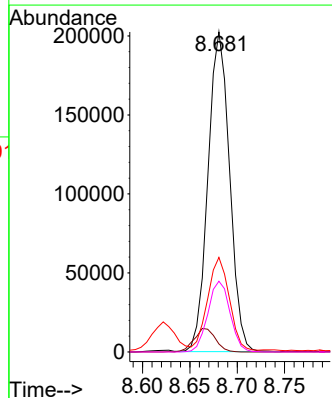
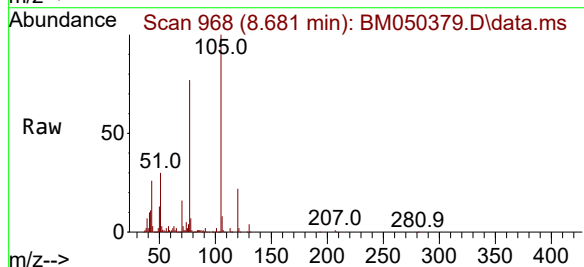
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

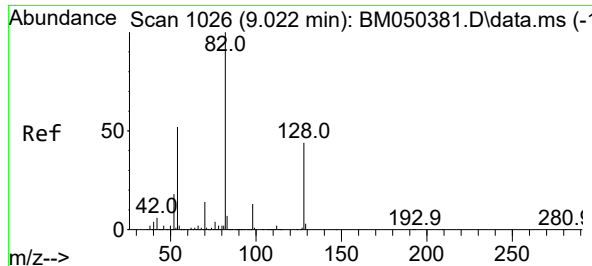
Tgt Ion:136 Resp: 1342132
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 9.576 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:105 Resp: 321333
Ion Ratio Lower Upper
105 100
71 2.5 4.4 6.6#
51 29.6 23.0 34.6
120 22.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 18.129 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

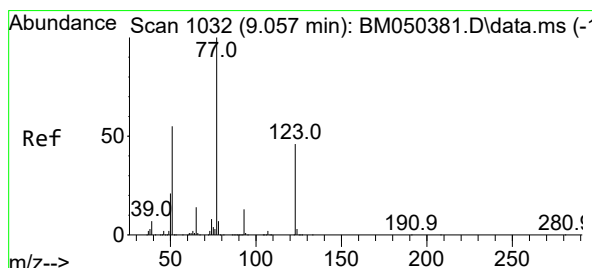
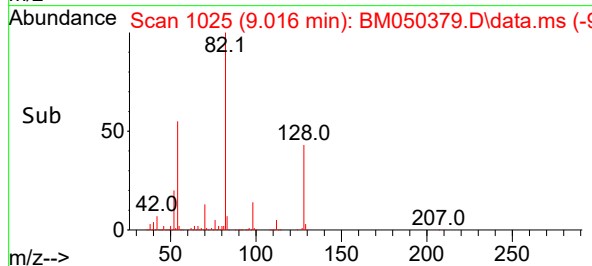
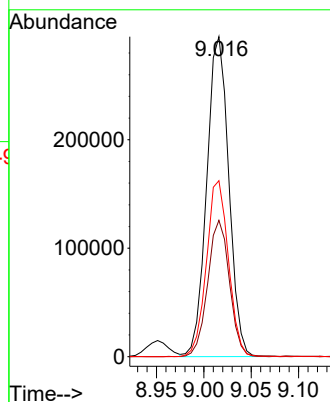
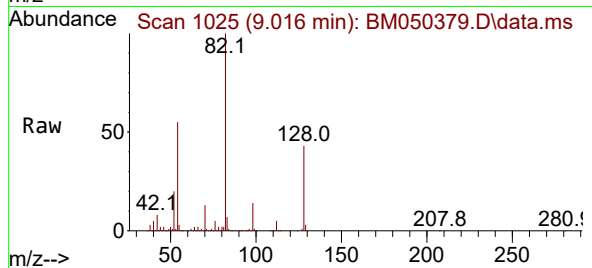
Tgt Ion: 82 Resp: 476926

Ion Ratio Lower Upper

82 100

128 42.6 35.2 52.8

54 55.0 41.5 62.3



#24

Nitrobenzene

Concen: 9.408 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

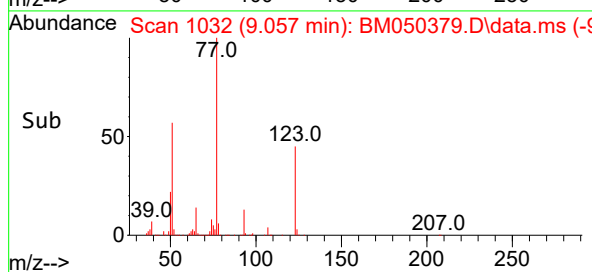
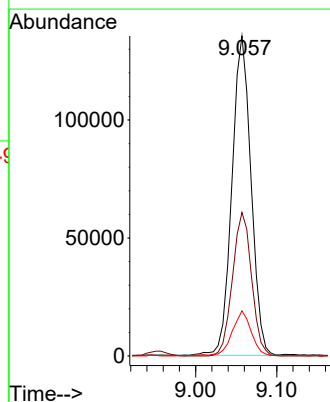
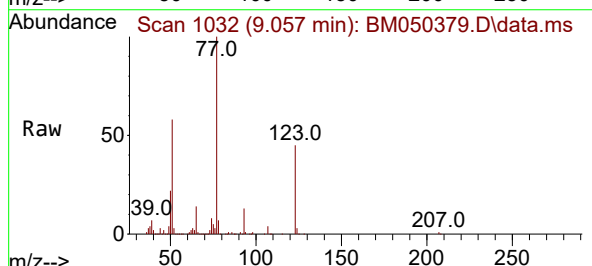
Tgt Ion: 77 Resp: 220849

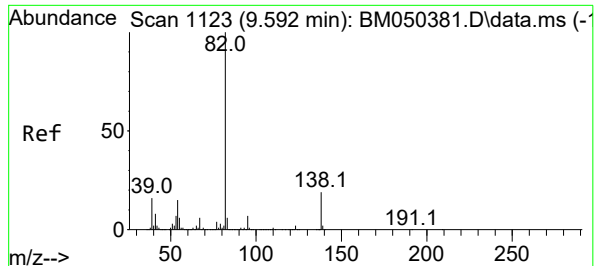
Ion Ratio Lower Upper

77 100

123 44.8 37.0 55.6

65 14.1 11.0 16.4

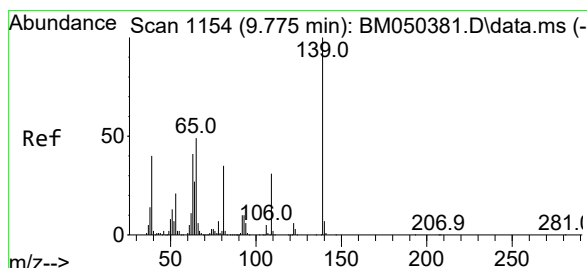
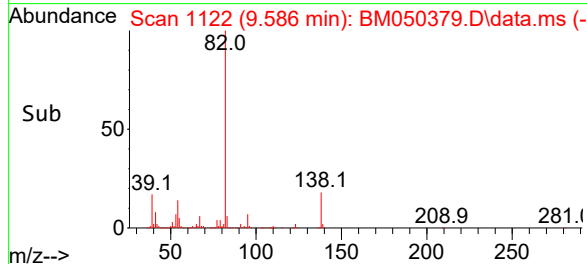
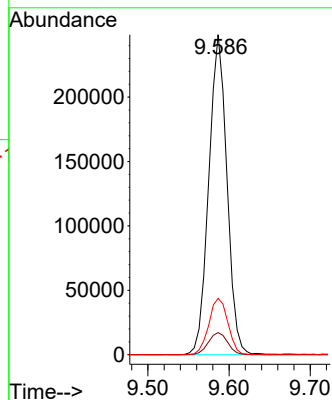
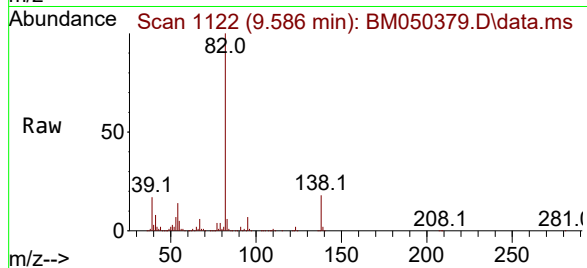




#25
Isophorone
Concen: 9.031 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

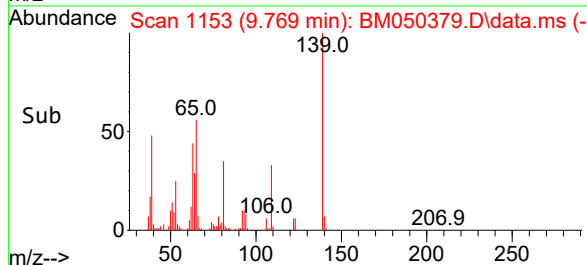
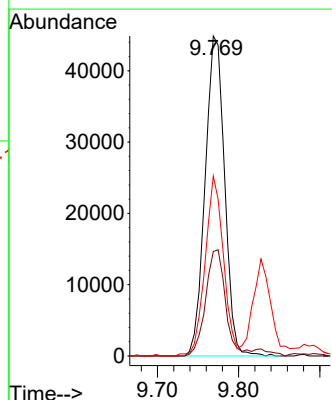
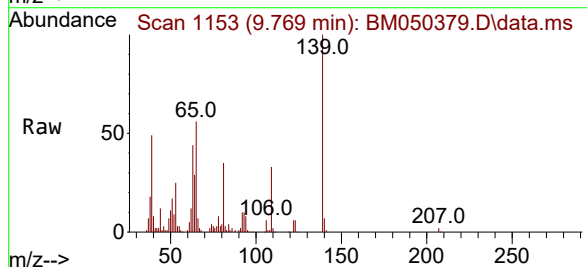
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

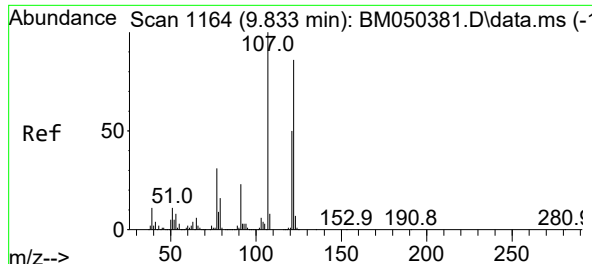
Tgt Ion: 82 Resp: 385498
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.6 15.3 22.9



#26
2-Nitrophenol
Concen: 7.822 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 139 Resp: 74836
Ion Ratio Lower Upper
139 100
109 32.6 24.6 36.8
65 56.3 39.2 58.8

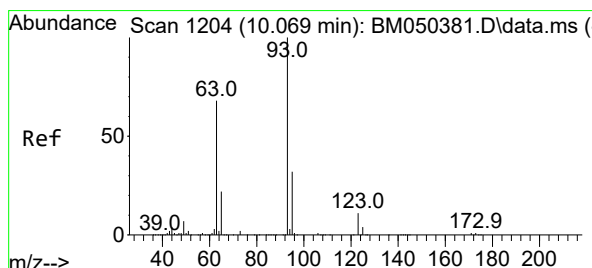
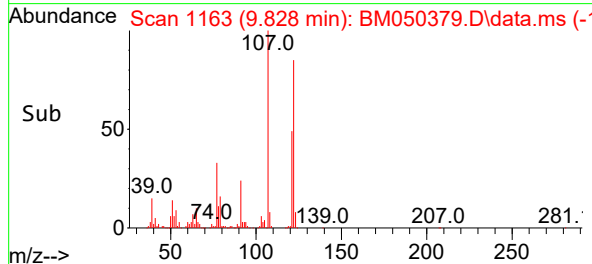
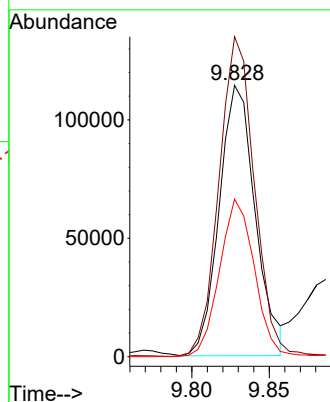
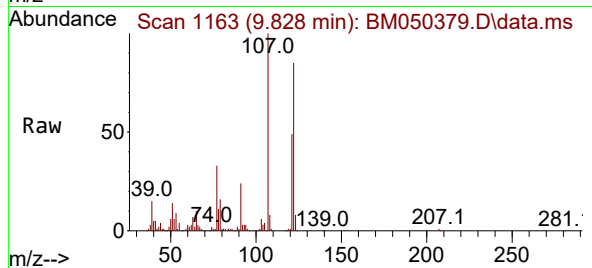




#27
2,4-Dimethylphenol
Concen: 9.073 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

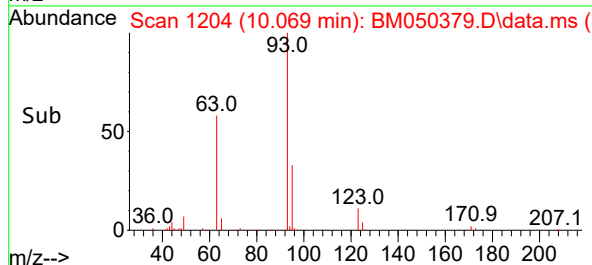
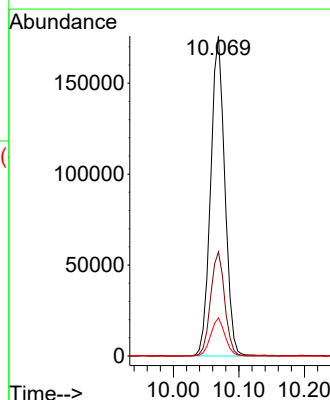
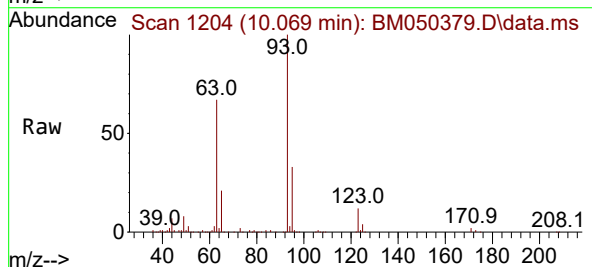
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

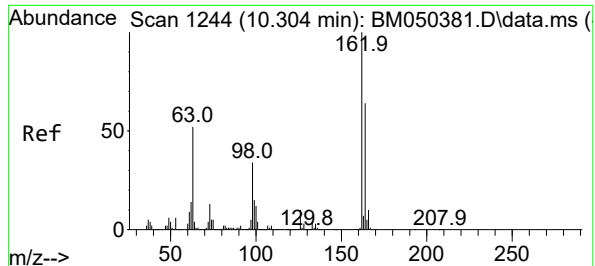
Tgt Ion:122 Resp: 184710
Ion Ratio Lower Upper
122 100
107 117.9 93.0 139.6
121 58.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 9.361 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 264798
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 8.961 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

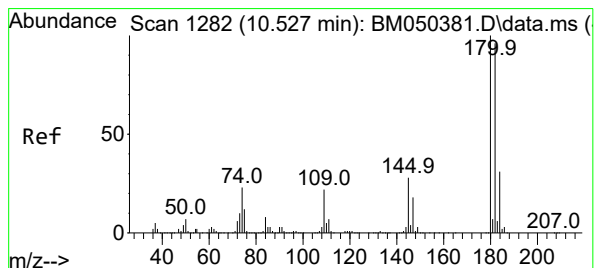
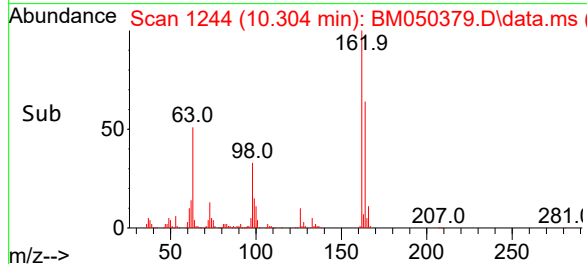
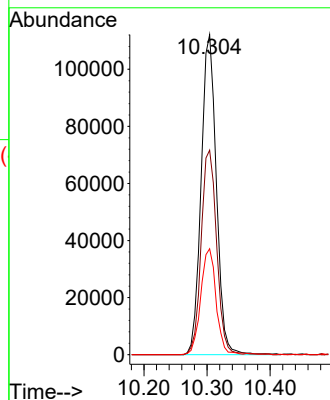
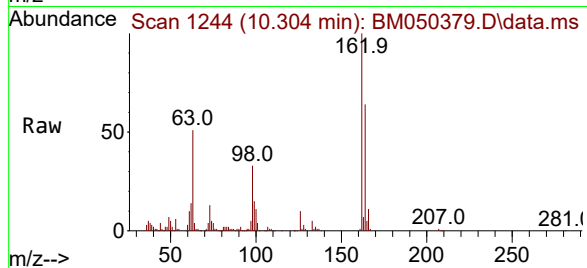
Tgt Ion:162 Resp: 187427

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 33.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 9.364 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

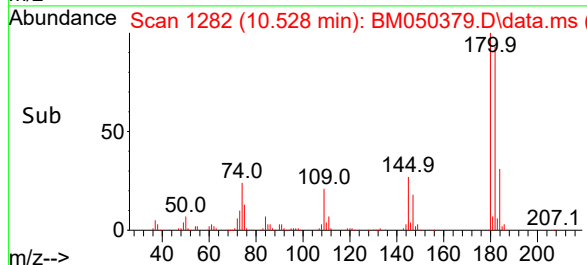
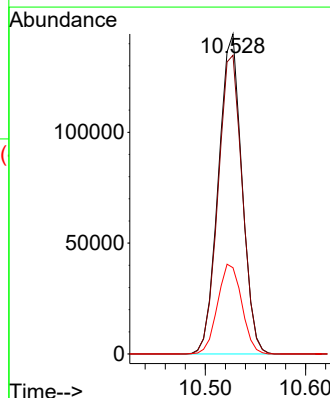
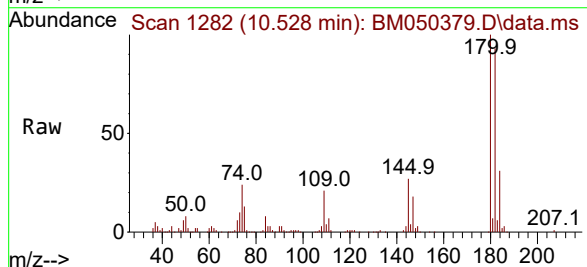
Tgt Ion:180 Resp: 234305

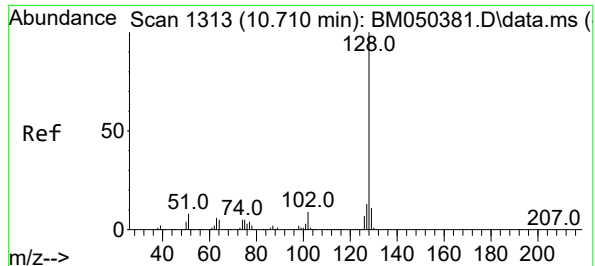
Ion Ratio Lower Upper

180 100

182 93.4 76.8 115.2

145 27.0 22.6 33.8





#31

Naphthalene

Concen: 9.593 ng

RT: 10.710 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

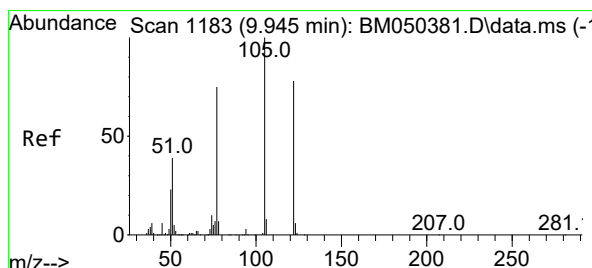
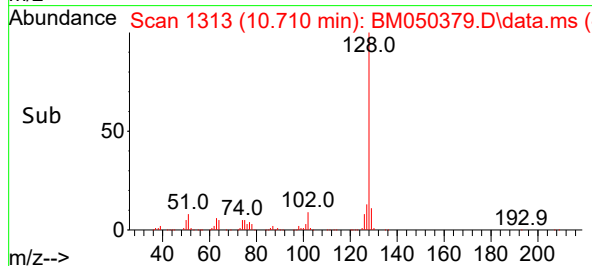
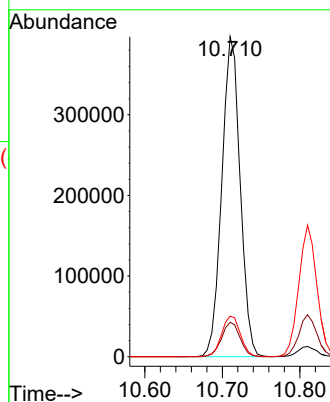
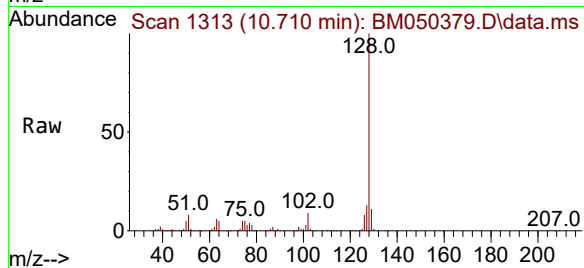
Tgt Ion:128 Resp: 653977

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.7 10.4 15.6



#32

Benzoic acid

Concen: 10.696 ng

RT: 9.886 min Scan# 1173

Delta R.T. -0.059 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

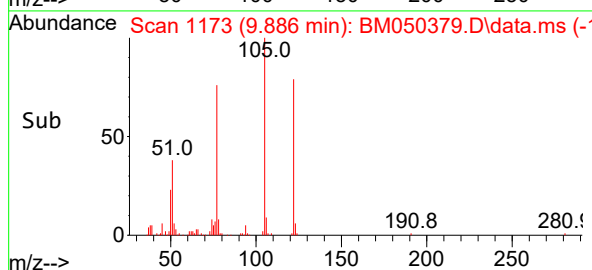
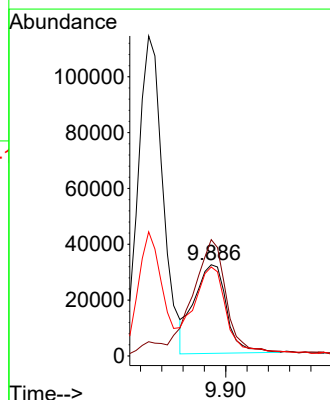
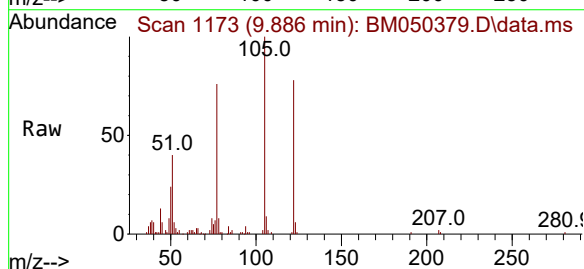
Tgt Ion:122 Resp: 67388

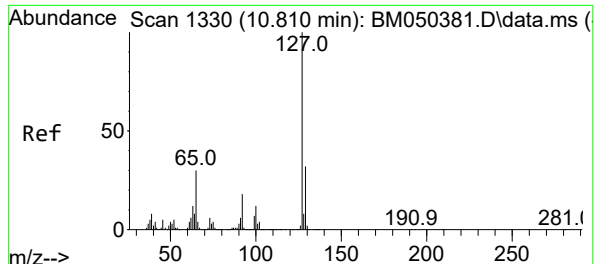
Ion Ratio Lower Upper

122 100

105 127.5 104.0 144.0

77 97.5 73.8 113.8

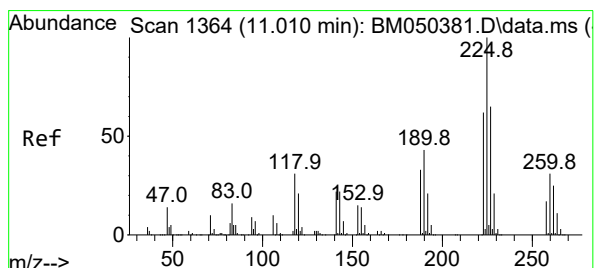
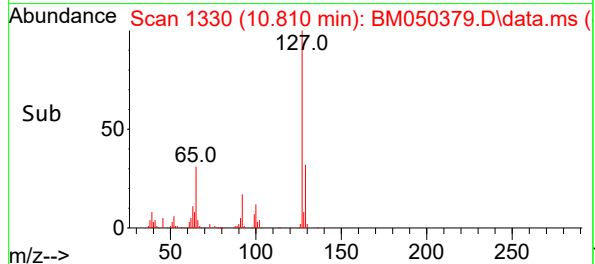
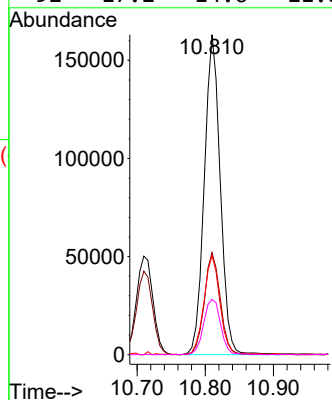
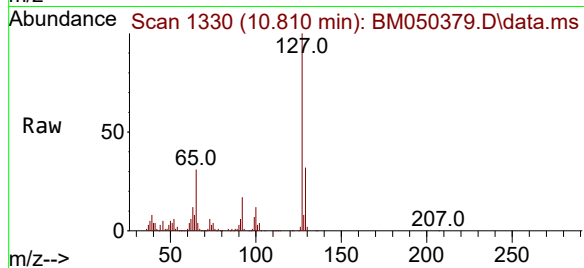




#33
4-Chloroaniline
Concen: 9.240 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

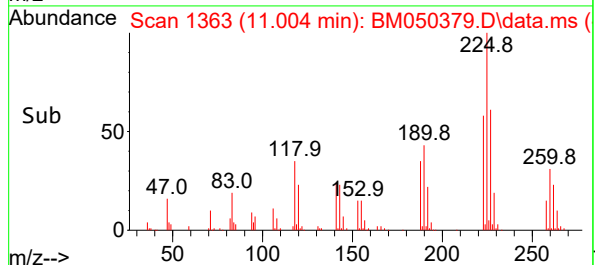
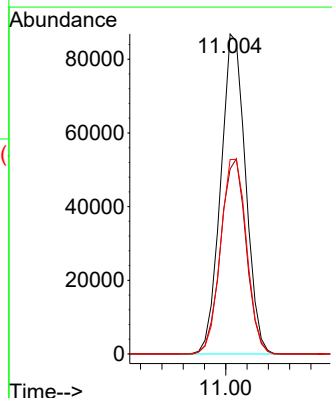
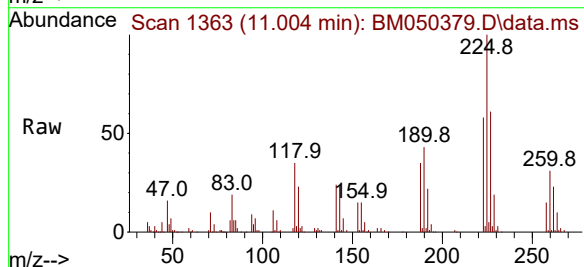
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

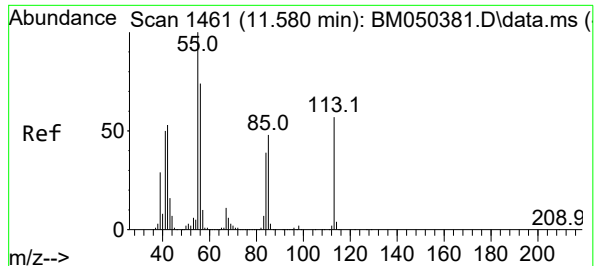
Tgt Ion:	127	Resp:	266307
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	31.0	23.9	35.9
92	17.2	14.6	21.8



#34
Hexachlorobutadiene
Concen: 9.205 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:	225	Resp:	140567
Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.7	74.5
227	60.8	52.1	78.1





#35

Caprolactam

Concen: 7.474 ng

RT: 11.557 min Scan# 14

Delta R.T. -0.023 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

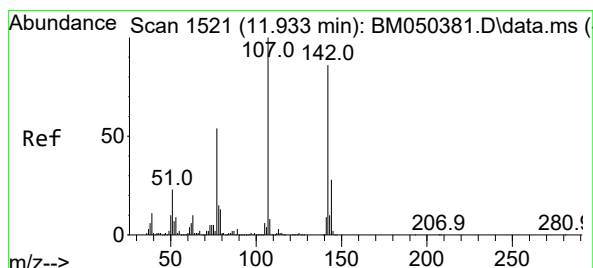
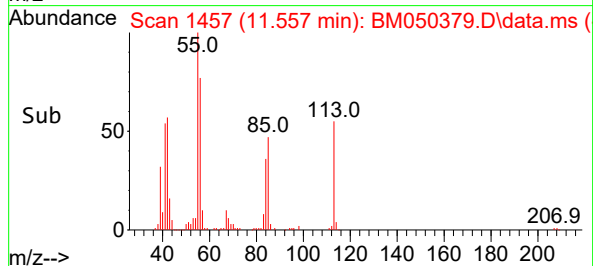
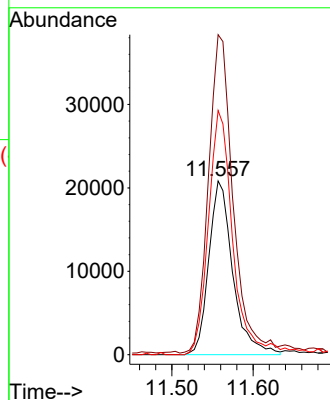
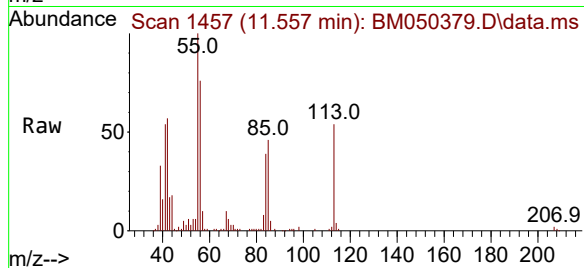
Tgt Ion:113 Resp: 42675

Ion Ratio Lower Upper

113 100

55 184.1 157.2 197.2

56 140.5 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 8.781 ng

RT: 11.927 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

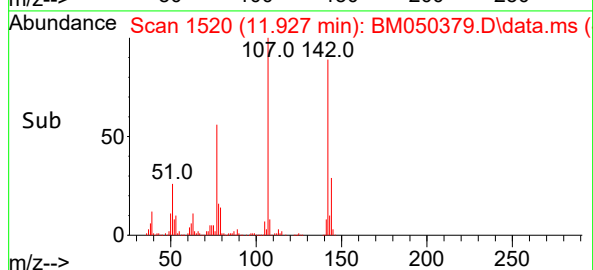
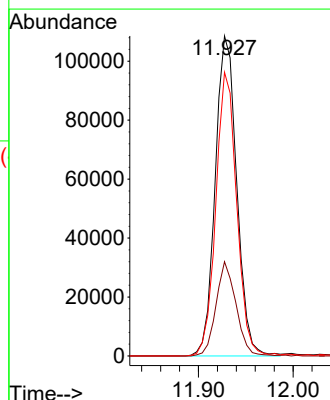
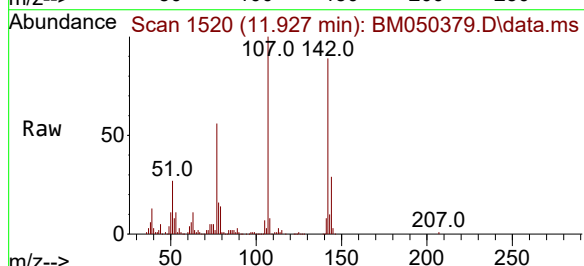
Tgt Ion:107 Resp: 171511

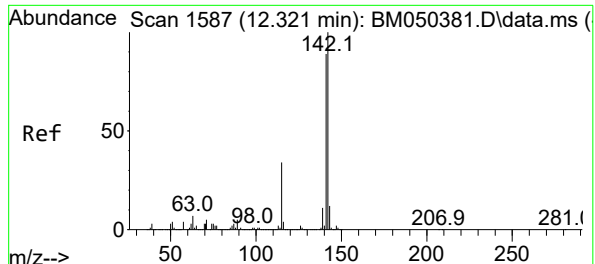
Ion Ratio Lower Upper

107 100

144 29.5 22.2 33.4

142 88.7 68.7 103.1

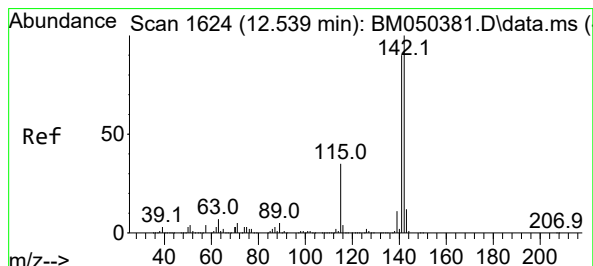
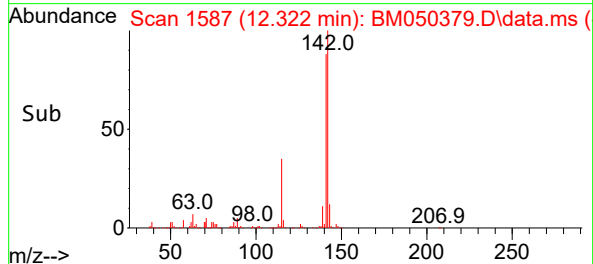
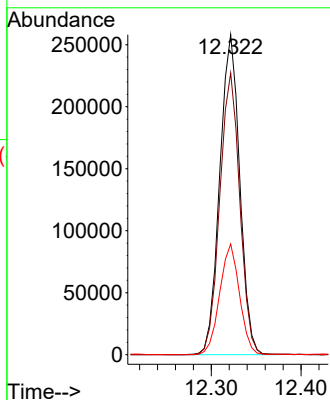
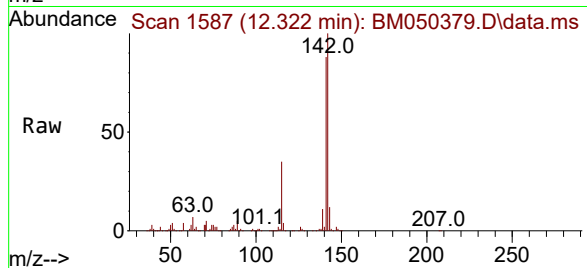




#37
2-Methylnaphthalene
Concen: 9.283 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

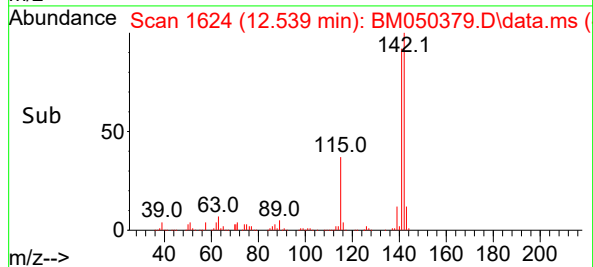
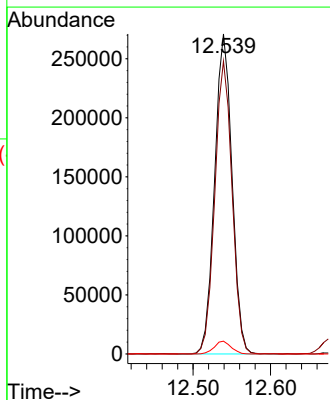
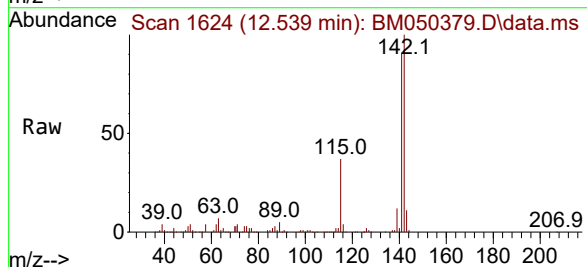
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

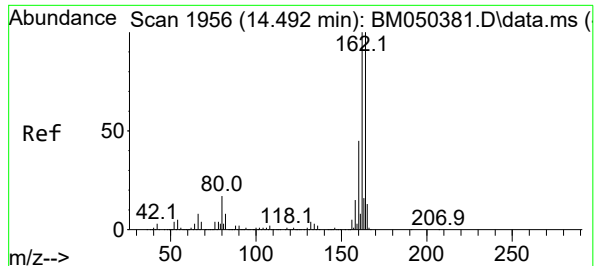
Tgt Ion:142 Resp: 399569
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 34.6 27.0 40.4



#38
1-Methylnaphthalene
Concen: 9.267 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:142 Resp: 422148
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

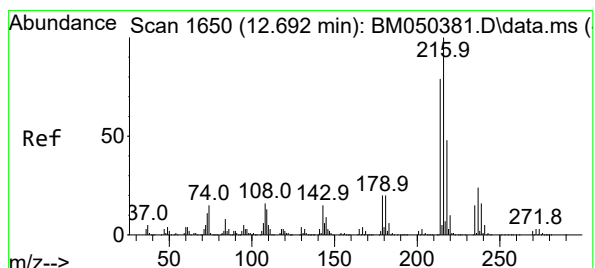
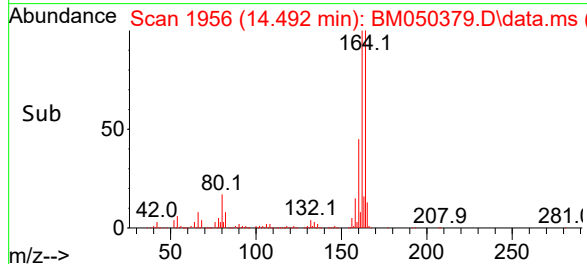
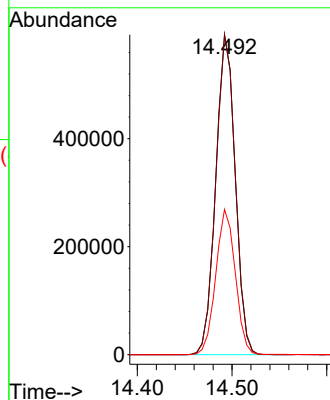
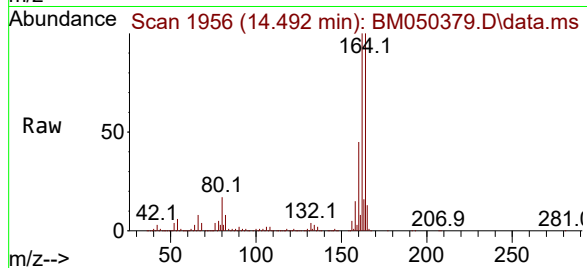
Tgt Ion:164 Resp: 846249

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 45.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.952 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Tgt Ion:216 Resp: 240904

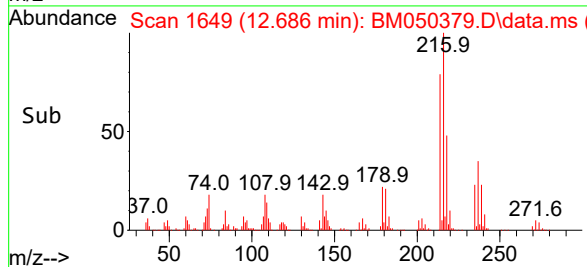
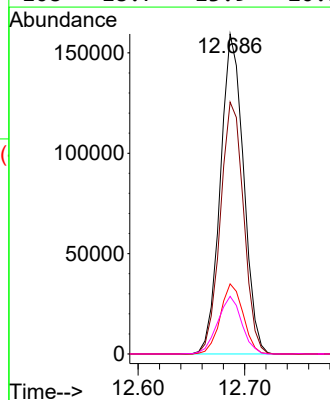
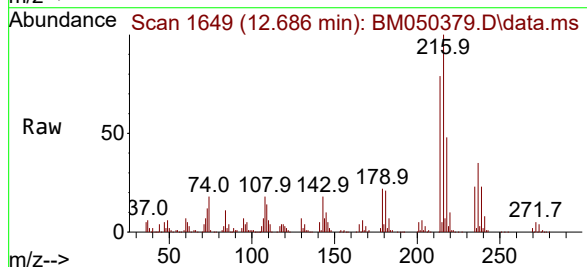
Ion Ratio Lower Upper

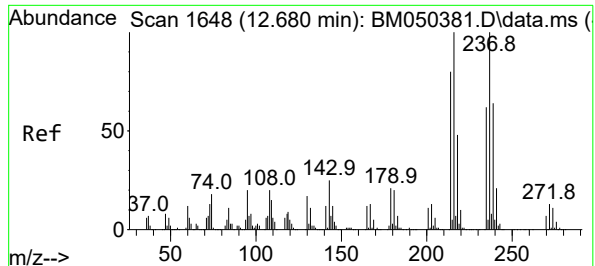
216 100

214 78.9 63.3 94.9

179 21.5 16.4 24.6

108 18.7 13.9 20.9

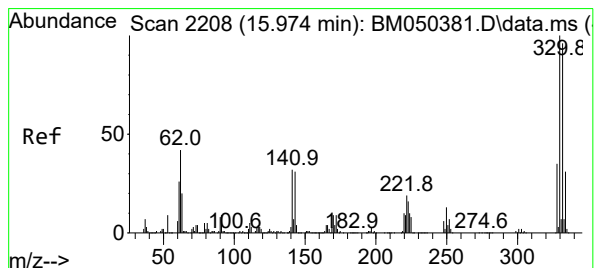
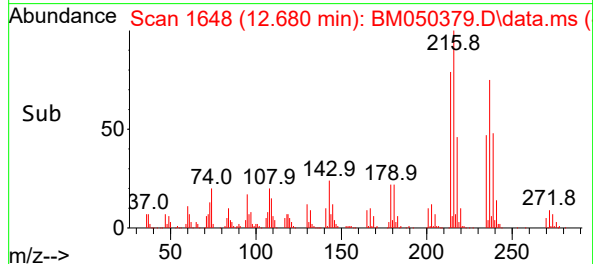
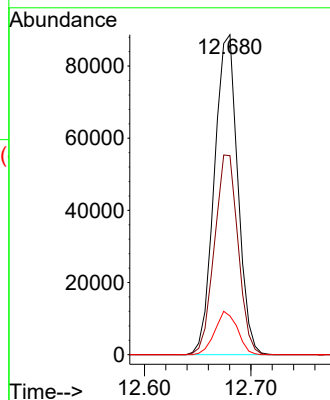
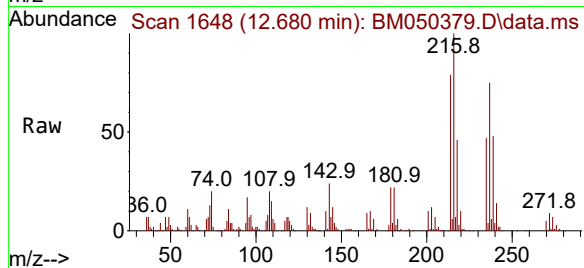




#41
Hexachlorocyclopentadiene
Concen: 7.881 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

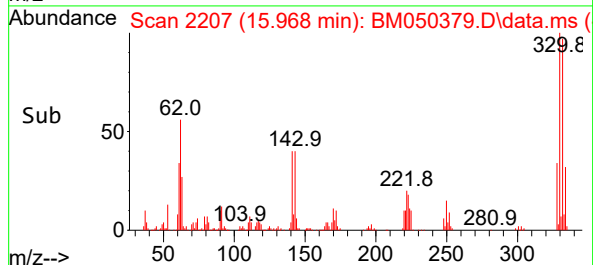
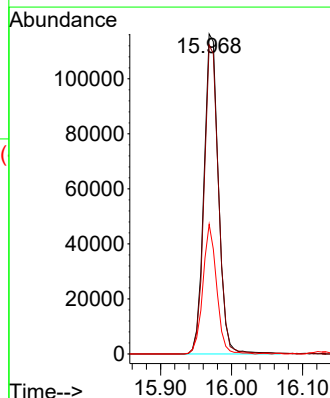
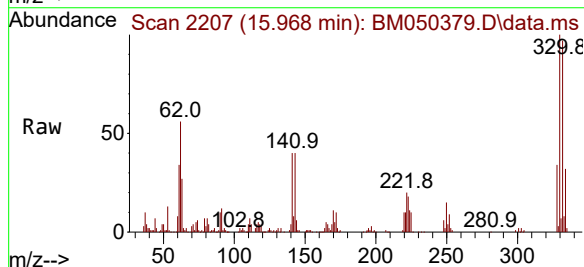
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

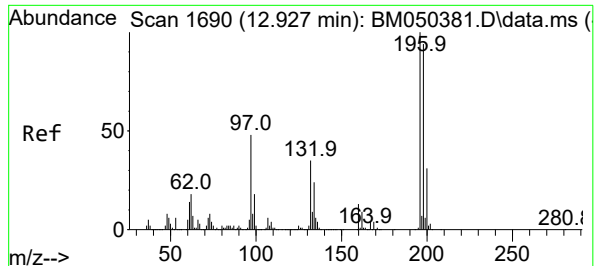
Tgt Ion:237 Resp: 135571
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 12.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:330 Resp: 165401
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 38.3 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 8.560 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

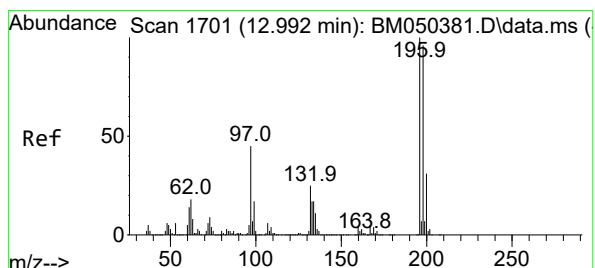
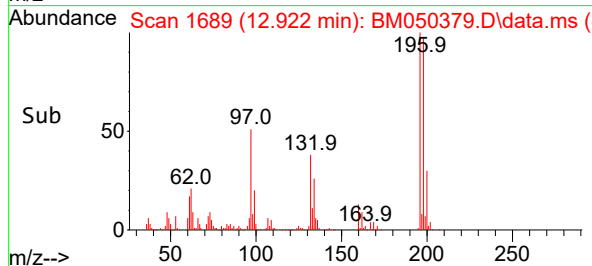
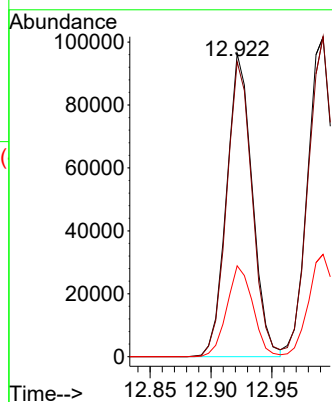
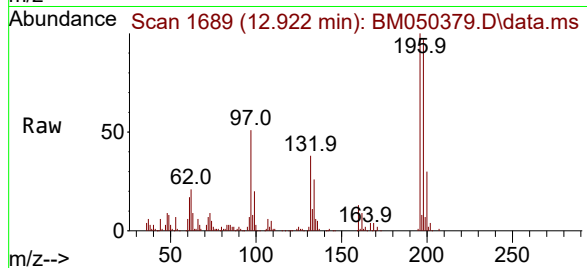
Tgt Ion:196 Resp: 141791

Ion Ratio Lower Upper

196 100

198 97.3 75.1 112.7

200 30.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 8.792 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Tgt Ion:196 Resp: 159049

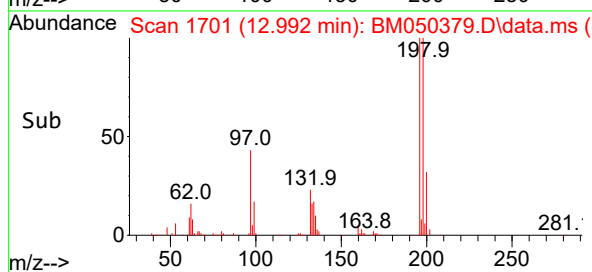
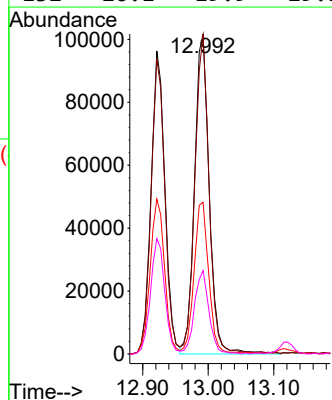
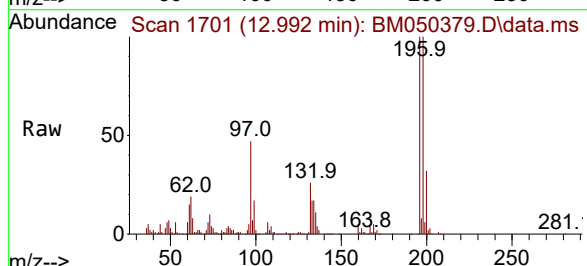
Ion Ratio Lower Upper

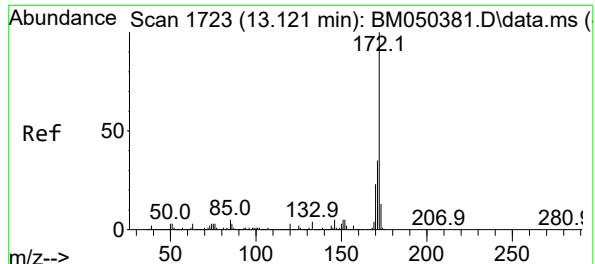
196 100

198 100.1 77.2 115.8

97 47.5 36.2 54.4

132 26.1 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 18.996 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

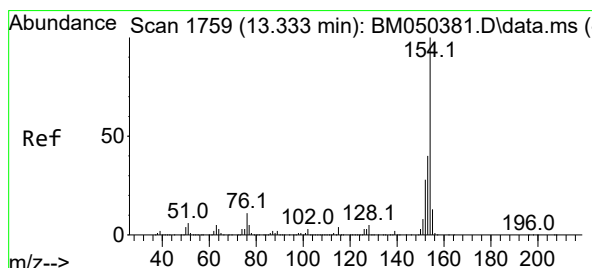
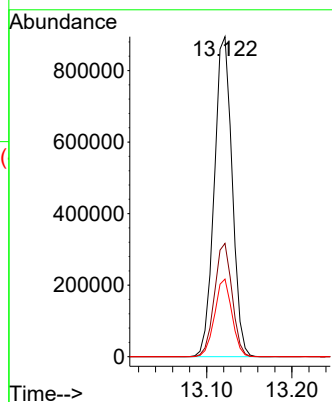
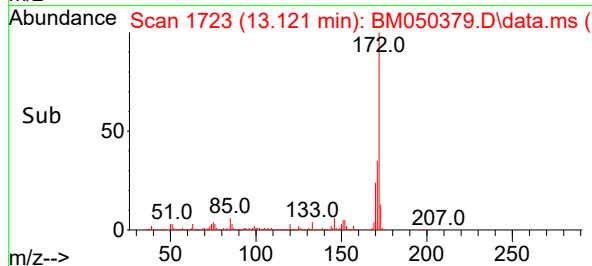
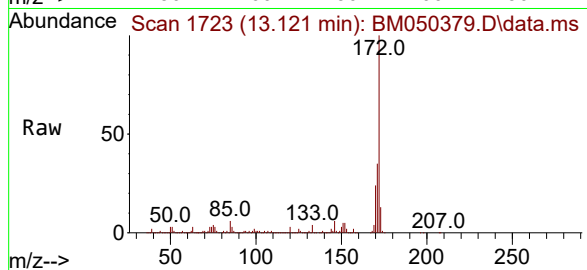
Tgt Ion:172 Resp: 1301714

Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 24.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 9.562 ng

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

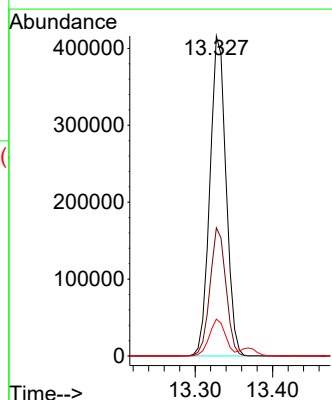
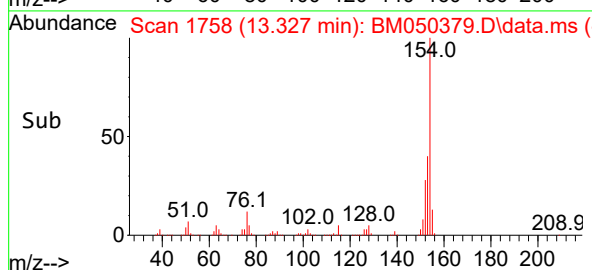
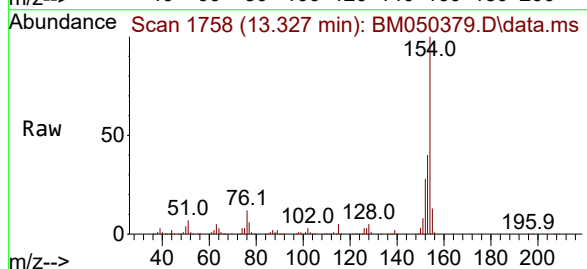
Tgt Ion:154 Resp: 600373

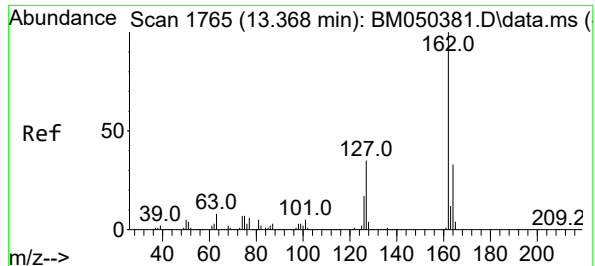
Ion Ratio Lower Upper

154 100

153 40.0 19.7 59.7

76 11.5 0.0 30.9





#47

2-Chloronaphthalene

Concen: 9.519 ng

RT: 13.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

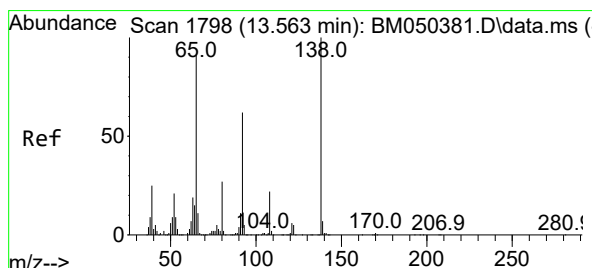
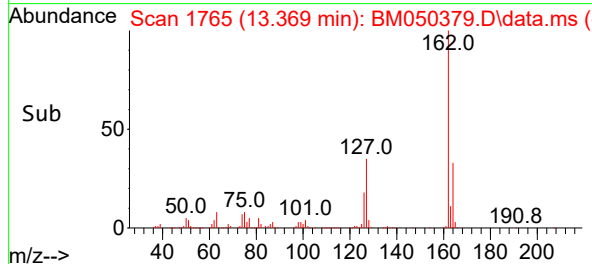
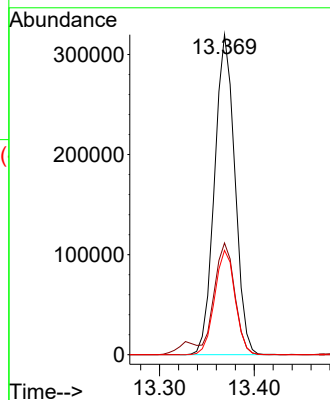
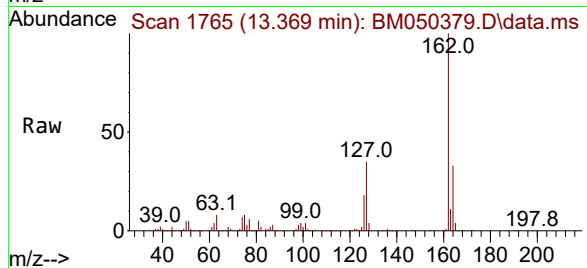
Tgt Ion:162 Resp: 476534

Ion Ratio Lower Upper

162 100

127 34.9 28.3 42.5

164 32.6 26.6 40.0



#48

2-Nitroaniline

Concen: 7.982 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

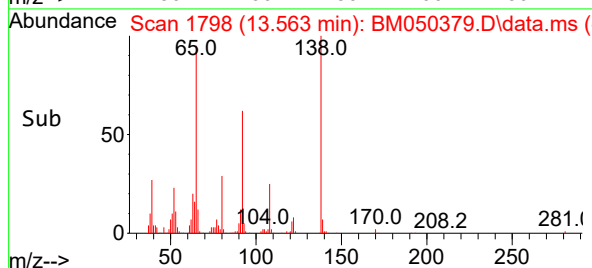
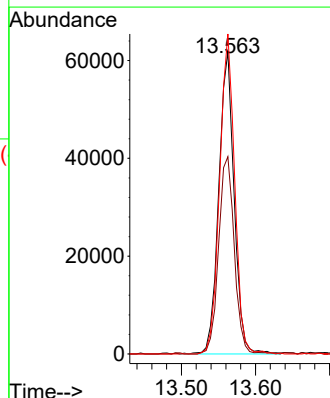
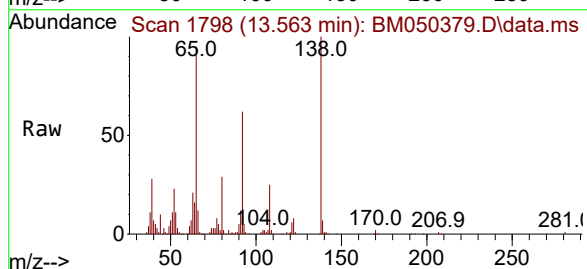
Tgt Ion: 65 Resp: 89190

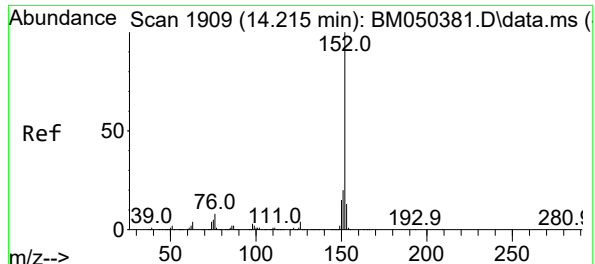
Ion Ratio Lower Upper

65 100

92 65.2 54.3 81.5

138 105.8 87.8 131.6





#49

Acenaphthylene

Concen: 9.273 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

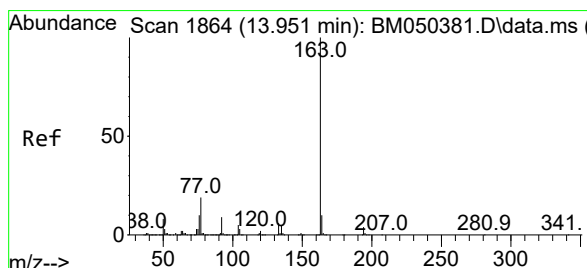
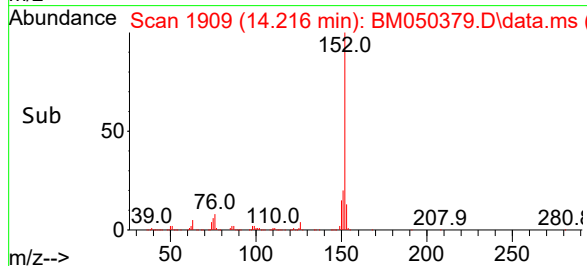
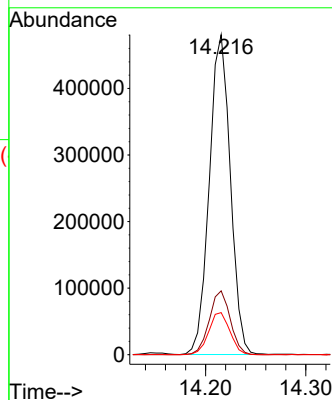
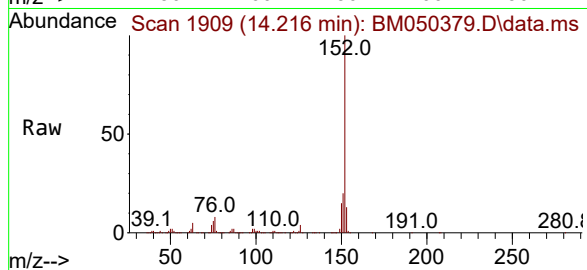
Tgt Ion:152 Resp: 701534

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 9.331 ng

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

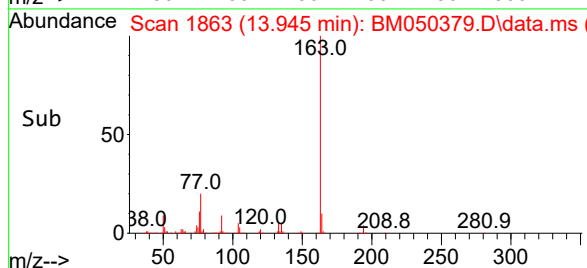
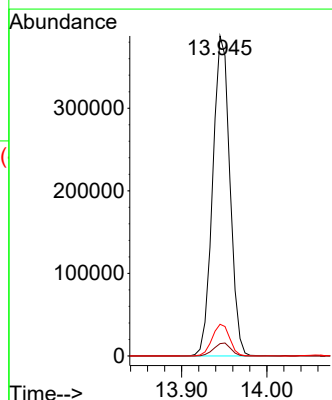
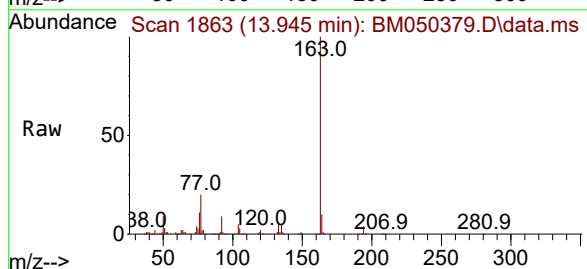
Tgt Ion:163 Resp: 543665

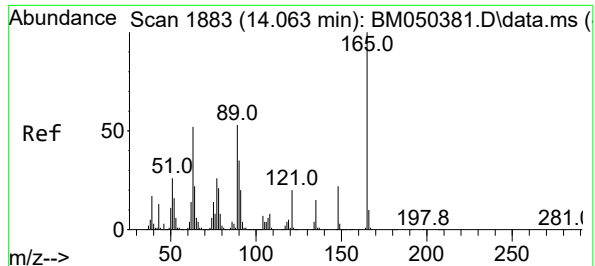
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 8.468 ng

RT: 14.057 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

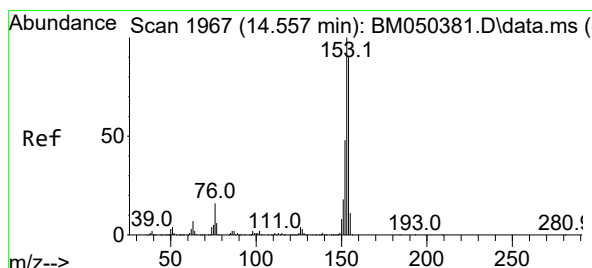
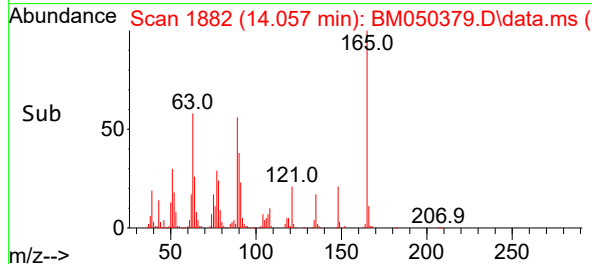
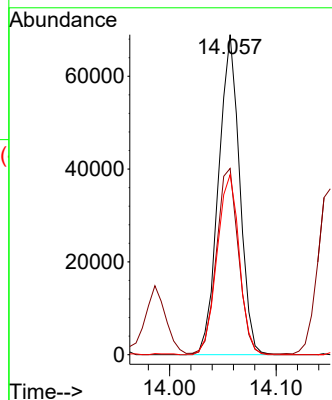
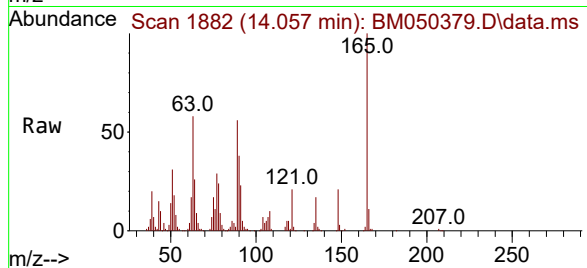
Tgt Ion:165 Resp: 94728

Ion Ratio Lower Upper

165 100

63 58.2 42.4 63.6

89 56.2 42.2 63.2



#52

Acenaphthene

Concen: 9.236 ng

RT: 14.557 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

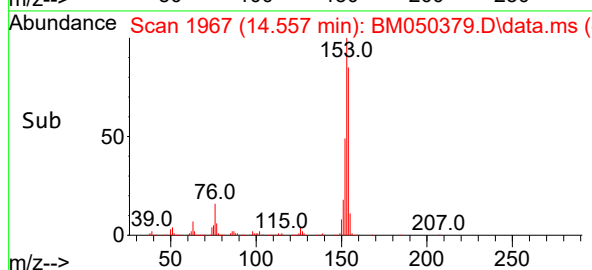
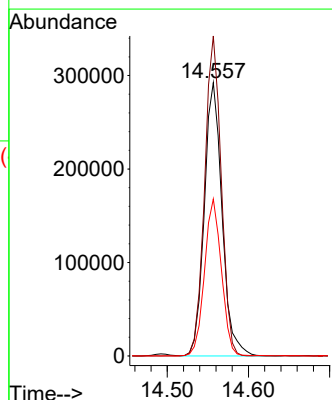
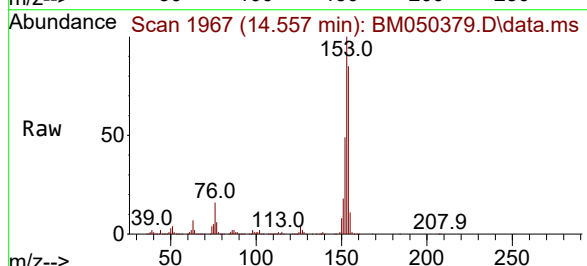
Tgt Ion:154 Resp: 444228

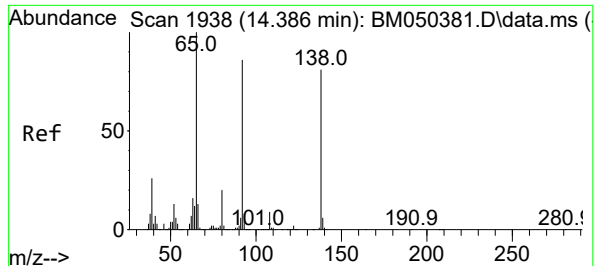
Ion Ratio Lower Upper

154 100

153 117.1 89.2 133.8

152 57.5 42.6 64.0

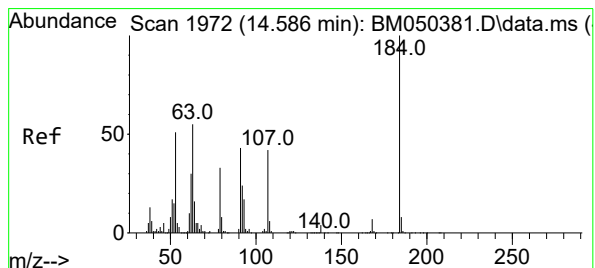
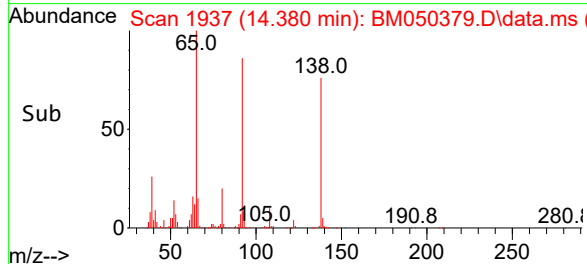
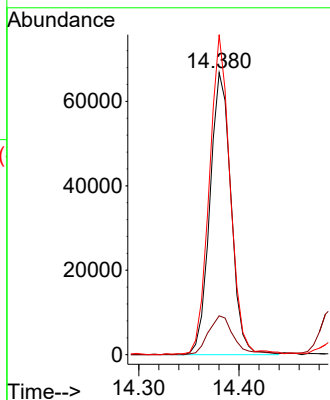
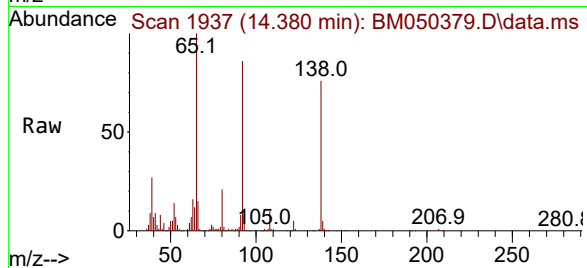




#53
3-Nitroaniline
Concen: 8.223 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

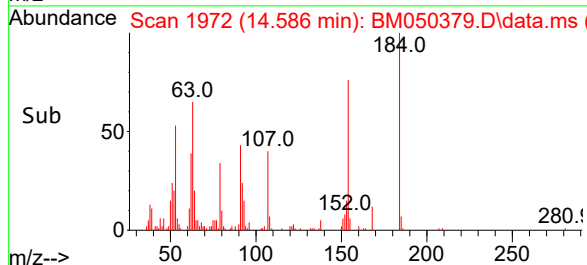
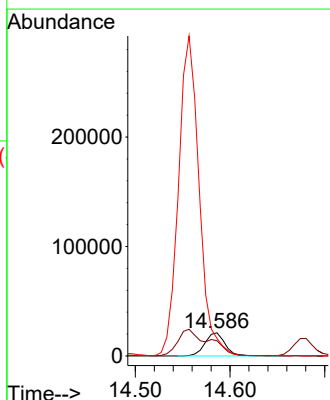
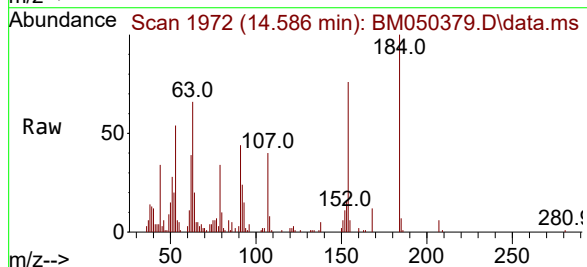
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

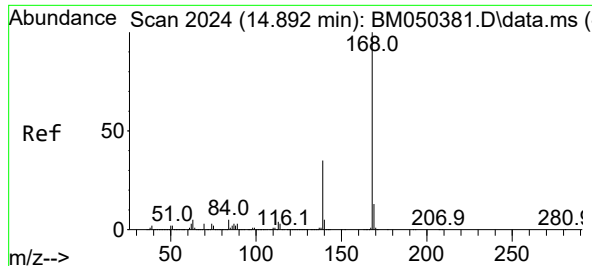
Tgt Ion:138 Resp: 97828
Ion Ratio Lower Upper
138 100
108 13.8 8.8 13.2#
92 113.5 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 11.045 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:184 Resp: 31123
Ion Ratio Lower Upper
184 100
63 65.7 53.4 80.0
154 76.0 61.6 92.4





#55

Dibenzofuran

Concen: 9.555 ng

RT: 14.892 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

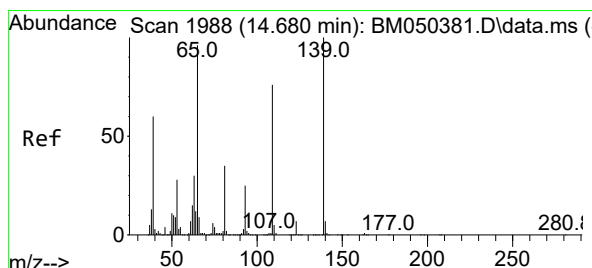
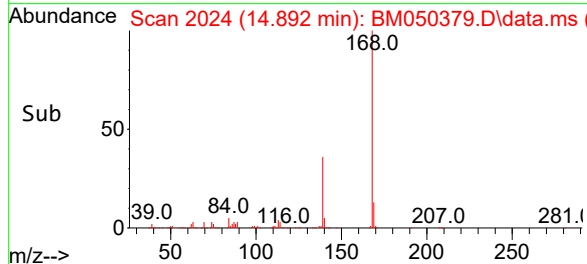
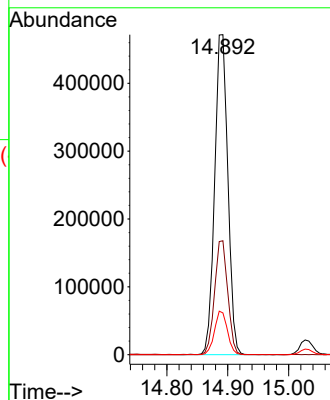
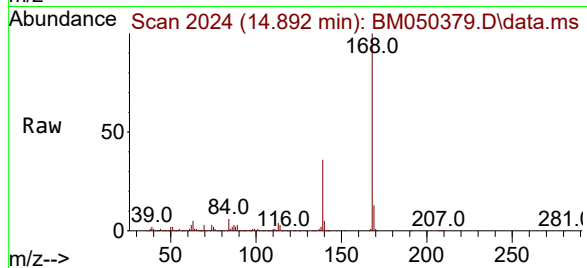
Tgt Ion:168 Resp: 708153

Ion Ratio Lower Upper

168 100

139 35.6 27.7 41.5

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 7.515 ng

RT: 14.680 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

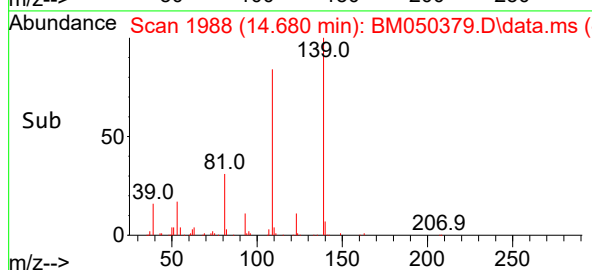
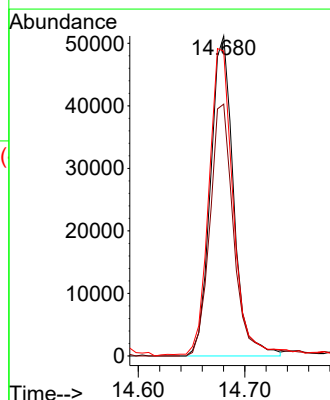
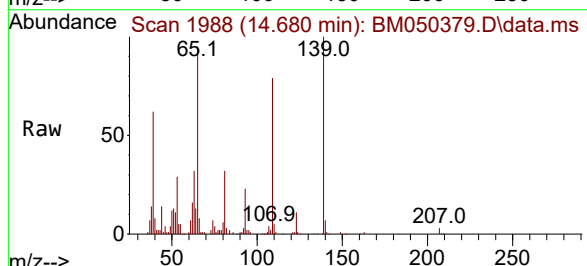
Tgt Ion:139 Resp: 76886

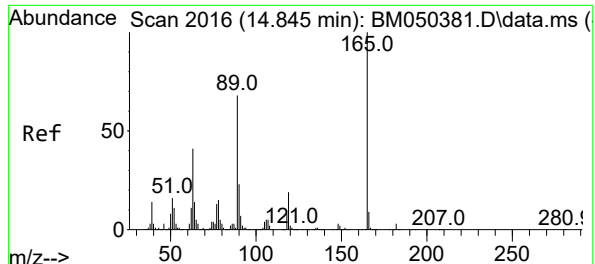
Ion Ratio Lower Upper

139 100

109 78.7 56.5 96.5

65 95.3 76.4 116.4

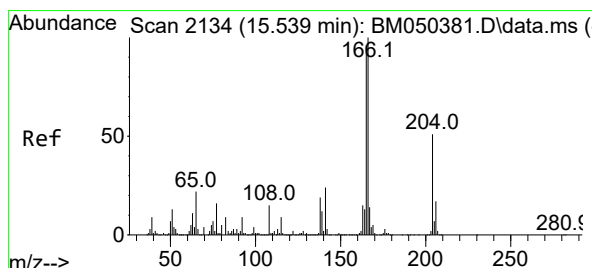
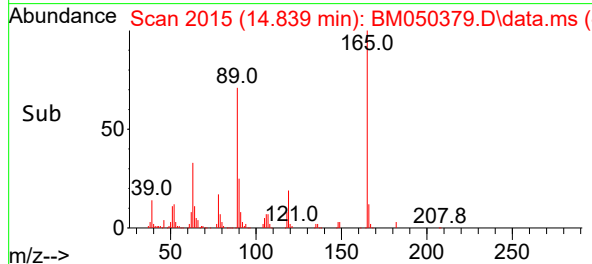
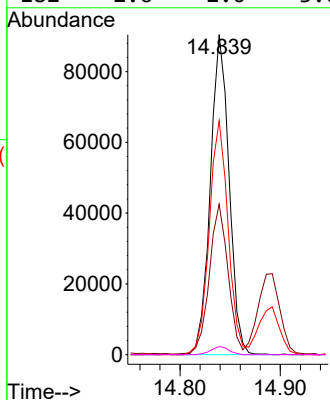
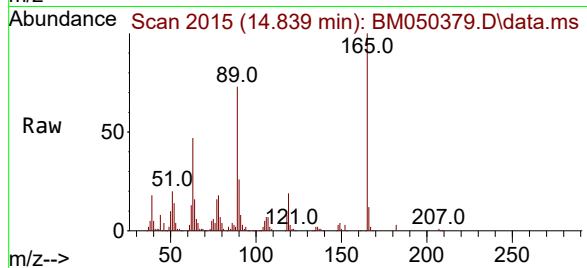




#57
2,4-Dinitrotoluene
Concen: 9.325 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

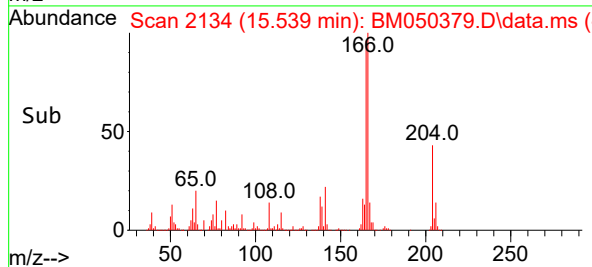
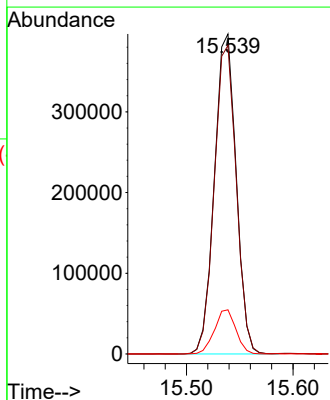
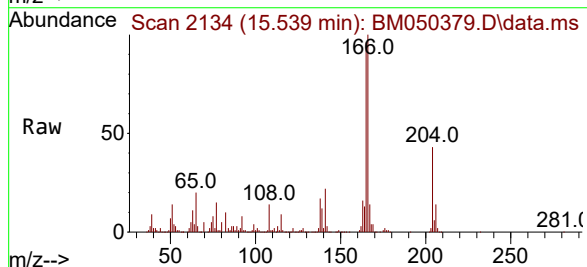
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

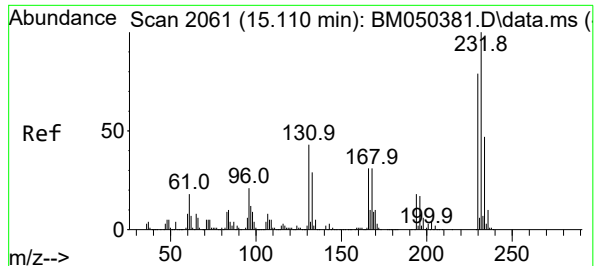
Tgt Ion:165 Resp: 117194
Ion Ratio Lower Upper
165 100
63 47.1 32.5 48.7
89 73.1 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 9.208 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:166 Resp: 562098
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.8 10.9 16.3

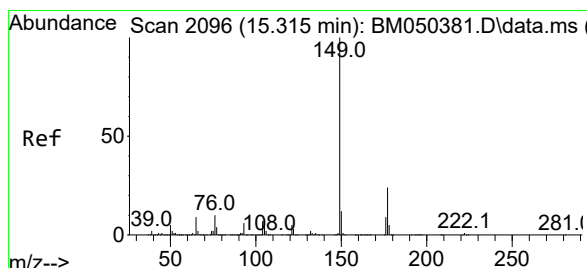
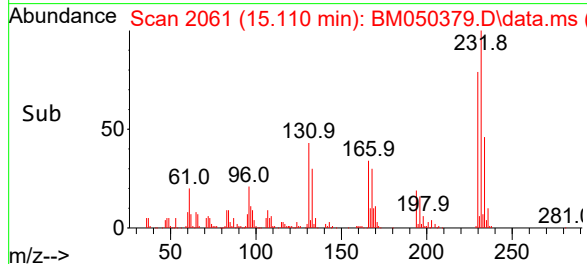
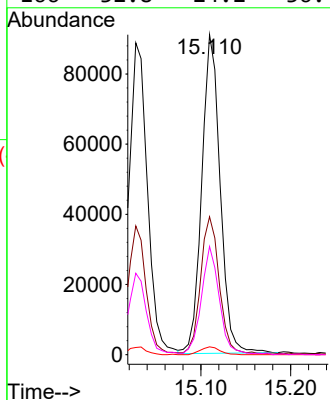
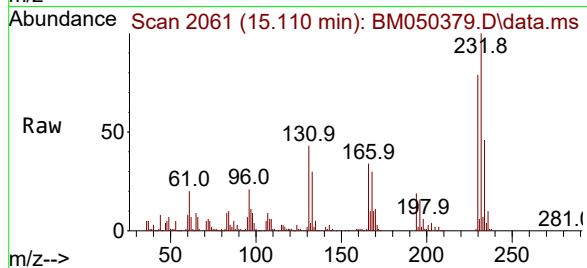




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.509 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

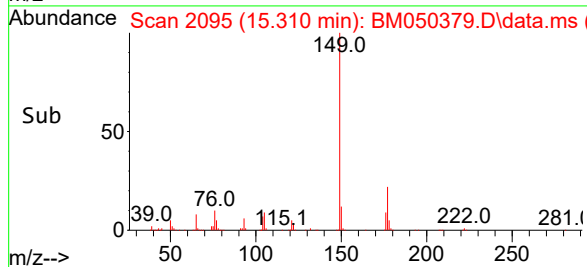
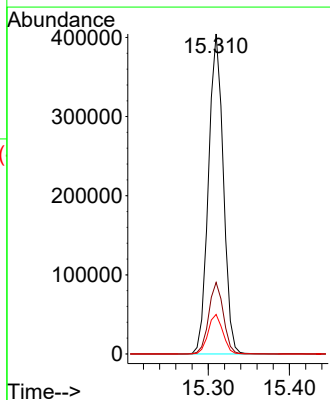
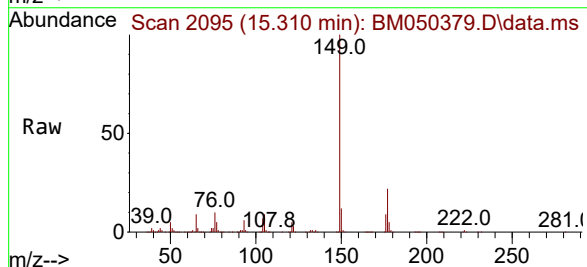
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

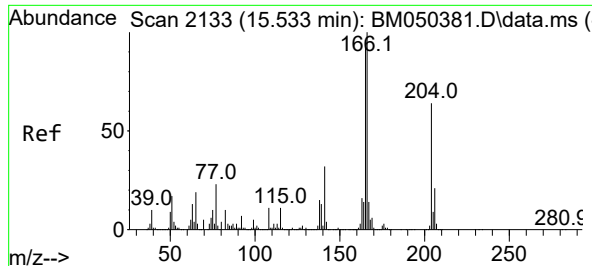
Tgt Ion:232 Resp: 129591
Ion Ratio Lower Upper
232 100
131 43.3 33.4 50.0
130 2.6 1.8 2.6
166 32.8 24.2 36.4



#60
Diethylphthalate
Concen: 9.200 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 512043
Ion Ratio Lower Upper
149 100
177 22.3 18.8 28.2
150 12.3 9.8 14.8

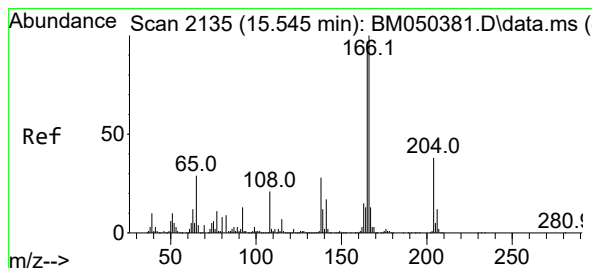
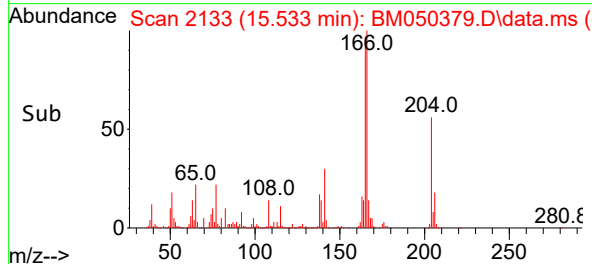
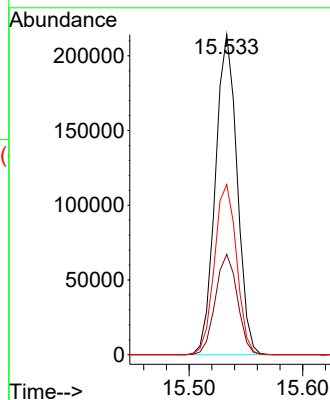
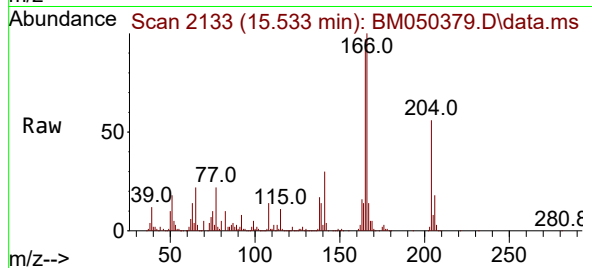




#61
4-Chlorophenyl-phenylether
Concen: 8.918 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

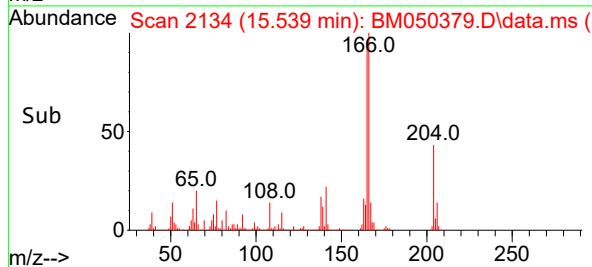
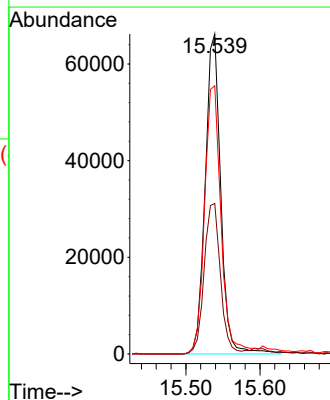
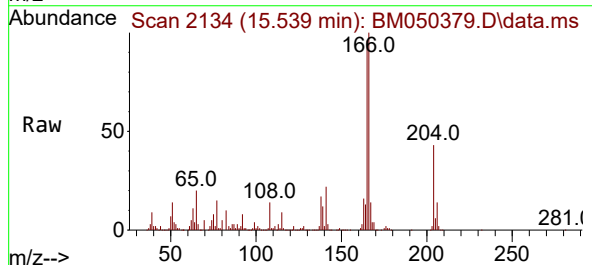
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

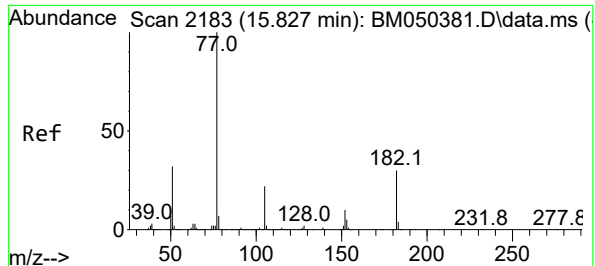
Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	53.1	39.9	59.9



#62
4-Nitroaniline
Concen: 9.259 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.5	64.5
108	83.8	52.5	92.5

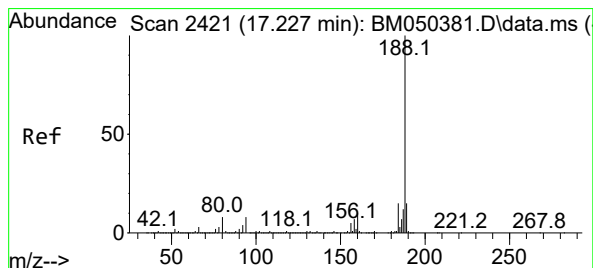
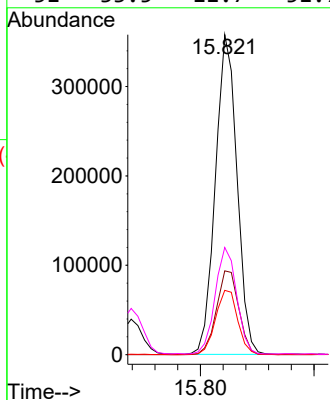
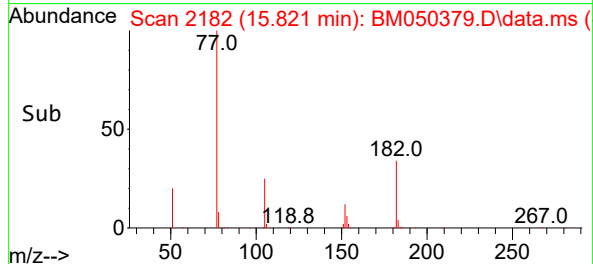
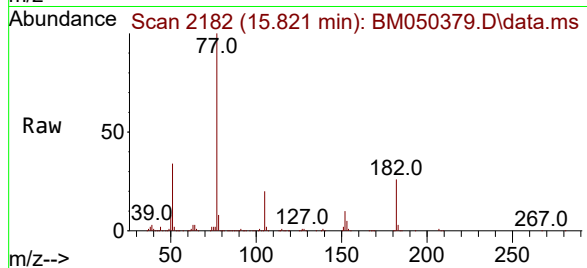




#63
Azobenzene
Concen: 9.239 ng
RT: 15.821 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

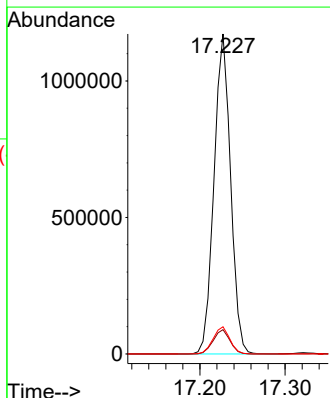
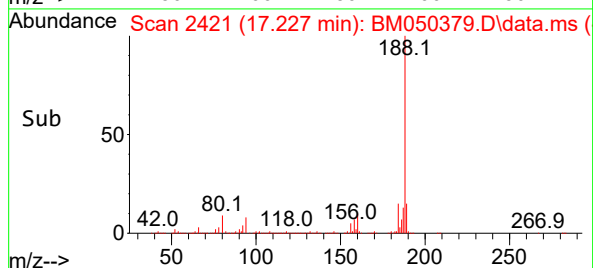
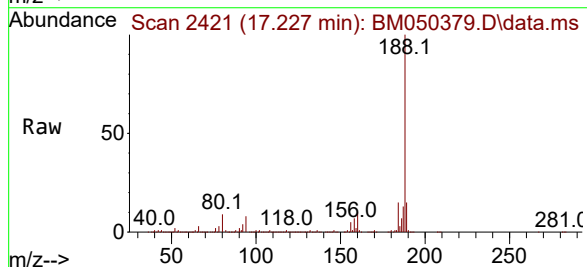
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

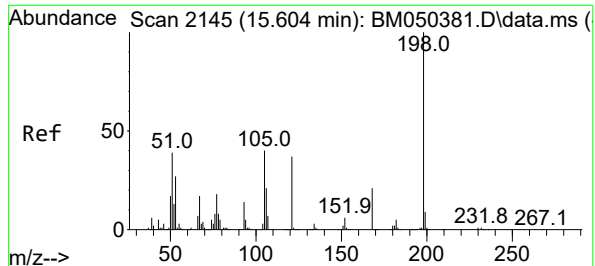
Tgt Ion: 77 Resp: 472164
Ion Ratio Lower Upper
77 100
182 26.2 10.0 50.0
105 20.1 2.0 42.0
51 33.5 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 188 Resp: 1580349
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.5 6.5 9.7

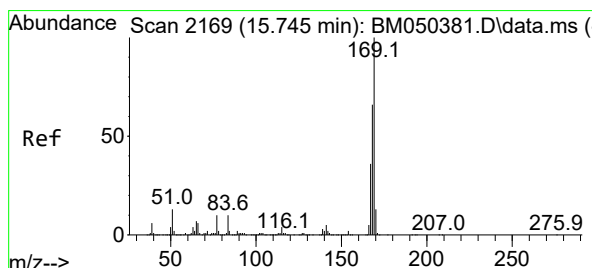
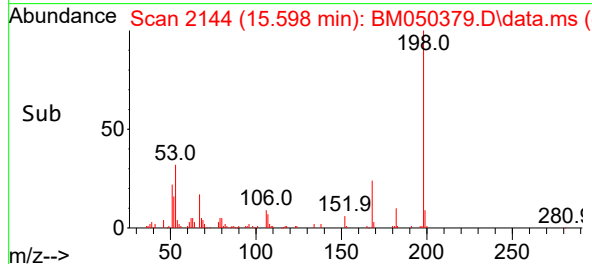
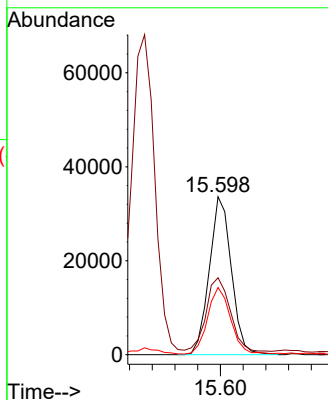
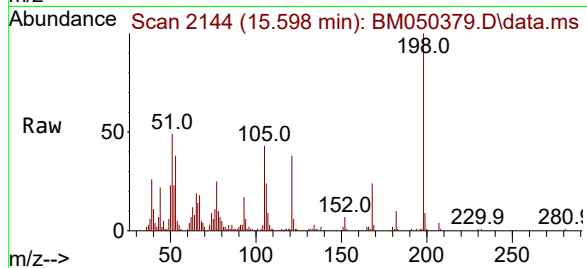




#65
4,6-Dinitro-2-methylphenol
Concen: 10.934 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

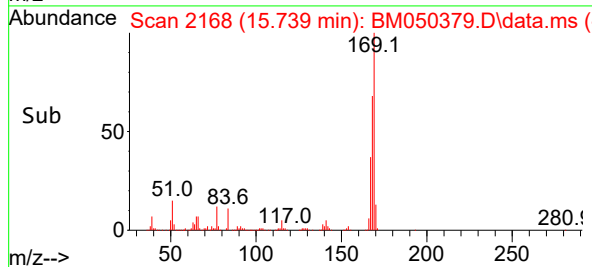
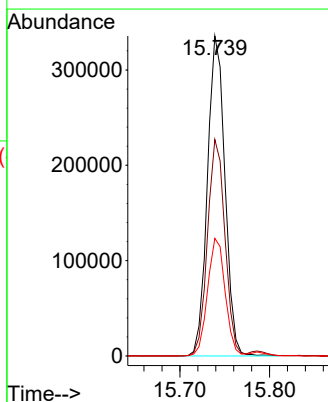
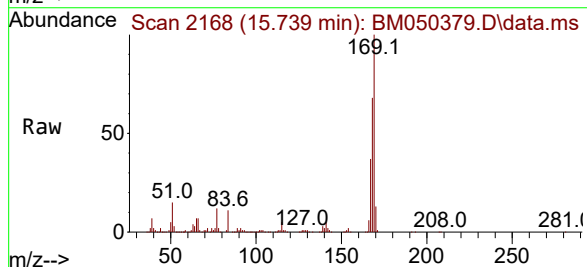
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

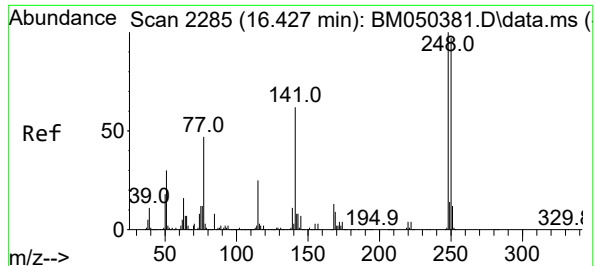
Tgt Ion:198 Resp: 45307
Ion Ratio Lower Upper
198 100
51 48.7 26.6 66.6
105 42.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 9.215 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:169 Resp: 455683
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 36.7 28.7 43.1

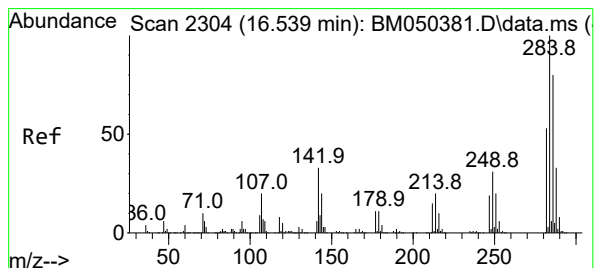
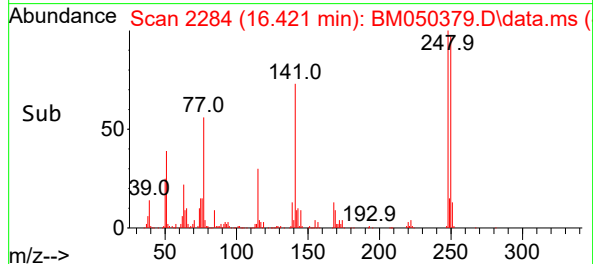
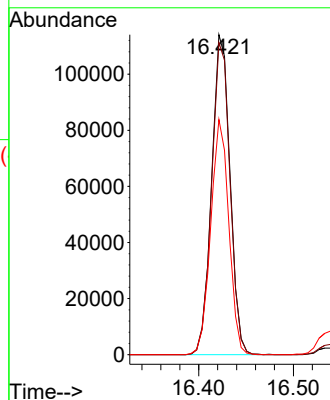
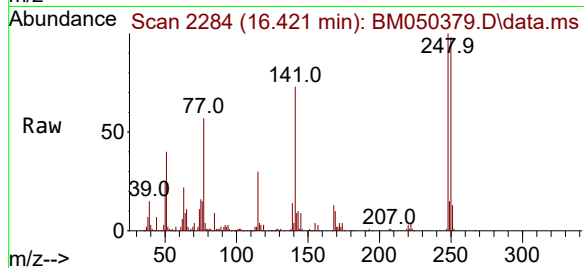




#67
4-Bromophenyl-phenylether
Concen: 8.812 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

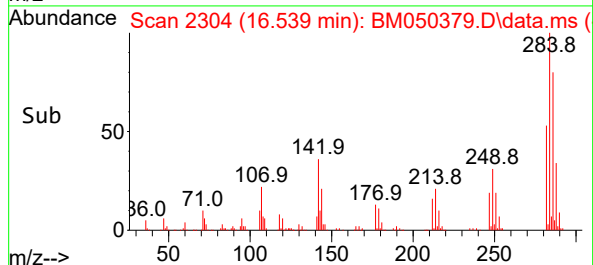
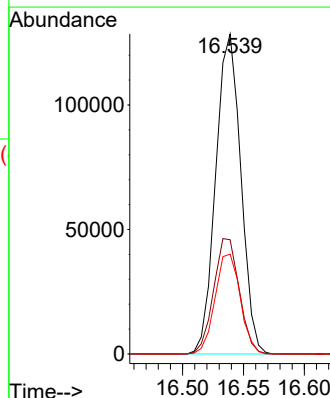
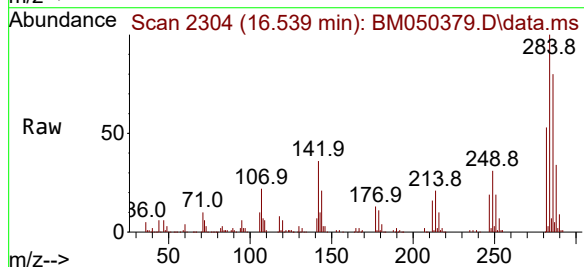
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

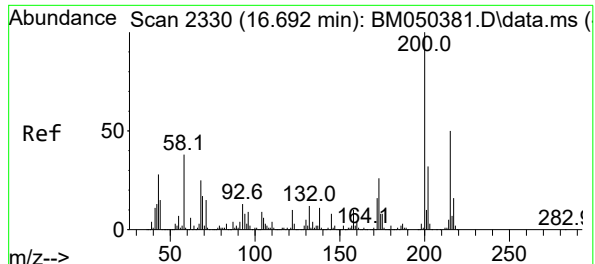
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	73.5	49.7	74.5



#68
Hexachlorobenzene
Concen: 8.960 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	26.8	40.2
249	31.2	24.5	36.7

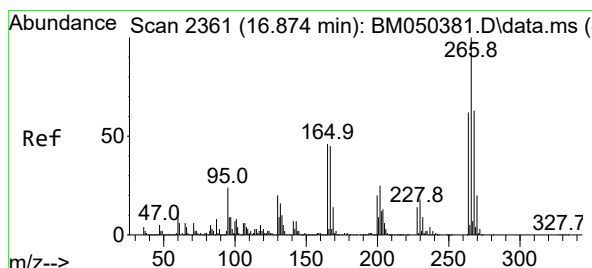
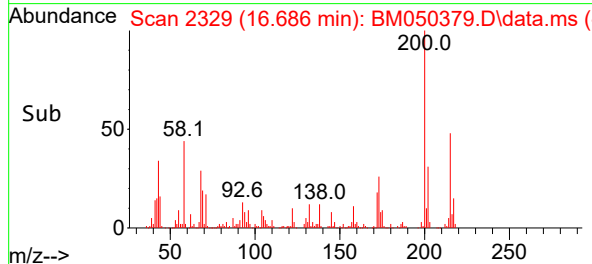
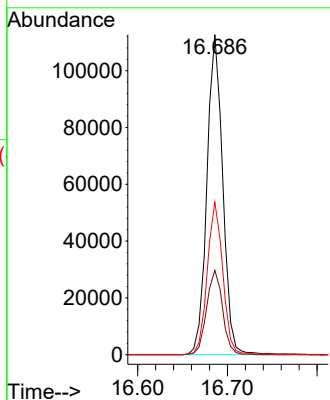
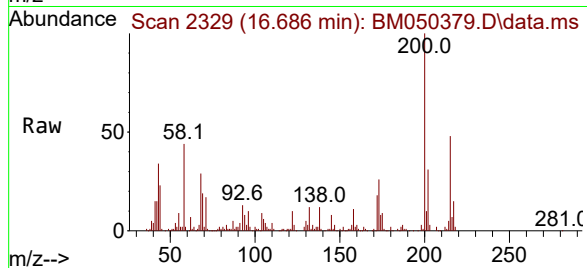




#69
Atrazine
Concen: 8.495 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

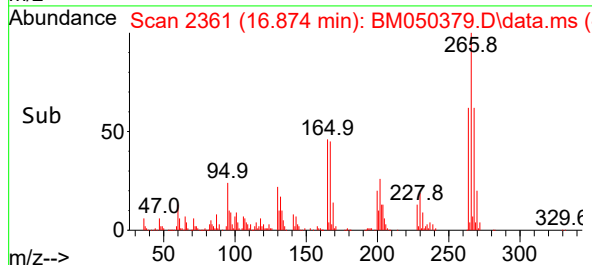
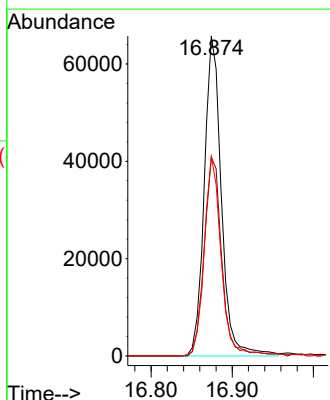
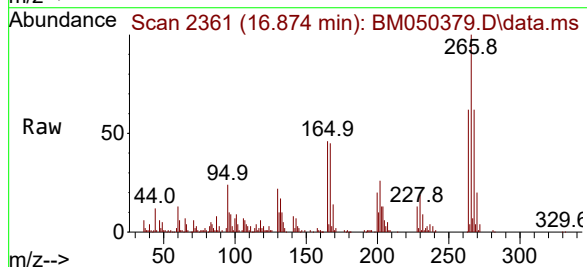
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

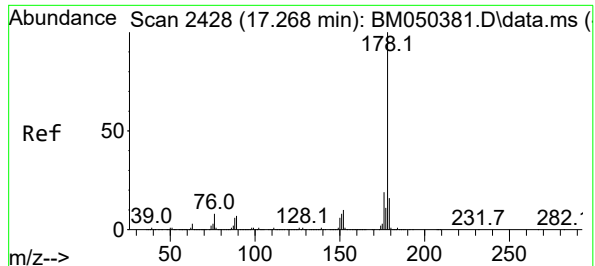
Tgt Ion:200 Resp: 137949
Ion Ratio Lower Upper
200 100
173 26.3 5.6 45.6
215 47.7 29.6 69.6



#70
Pentachlorophenol
Concen: 7.515 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:266 Resp: 96207
Ion Ratio Lower Upper
266 100
268 62.2 50.5 75.7
264 62.3 49.9 74.9

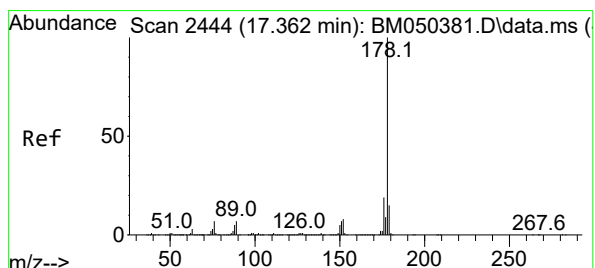
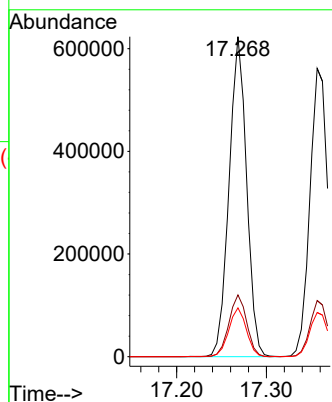
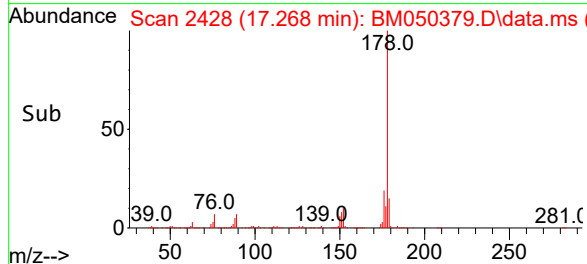
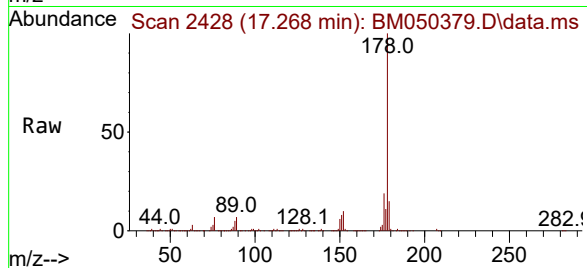




#71
Phenanthrene
Concen: 9.454 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

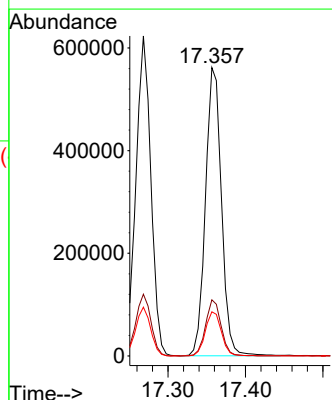
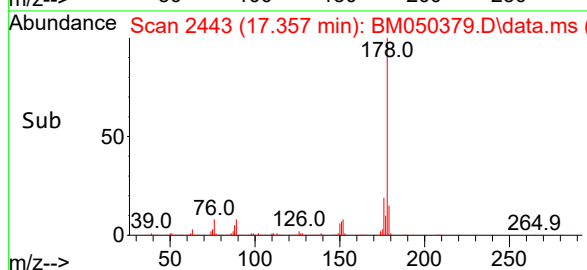
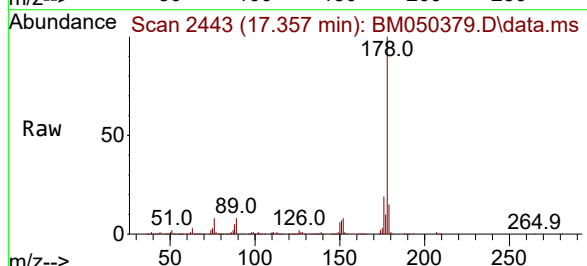
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

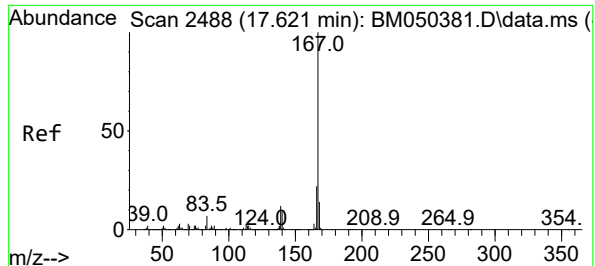
Tgt Ion:178 Resp: 845393
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.5 18.7



#72
Anthracene
Concen: 9.025 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:178 Resp: 803377
Ion Ratio Lower Upper
178 100
176 19.5 14.9 22.3
179 15.3 12.2 18.4

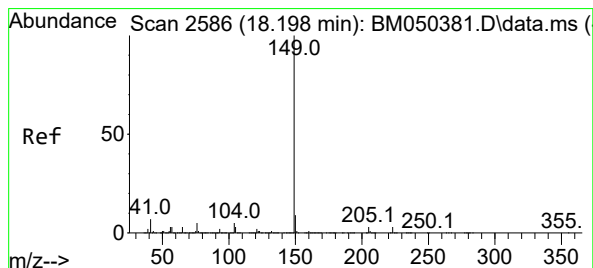
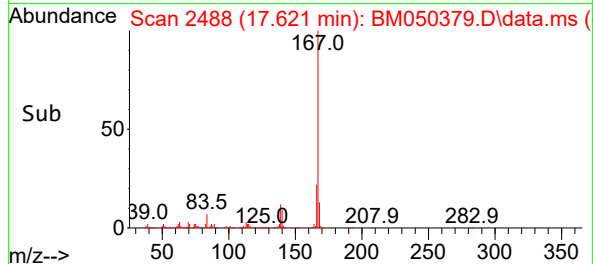
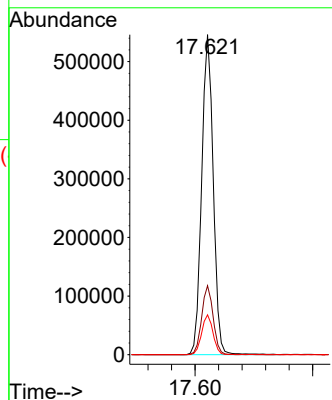
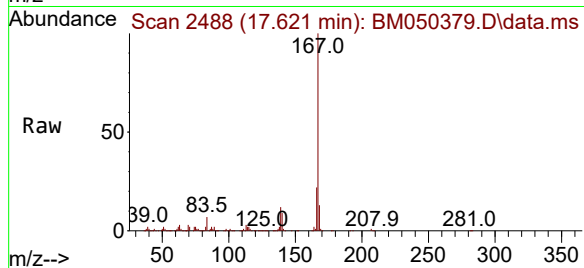




#73
Carbazole
Concen: 9.263 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

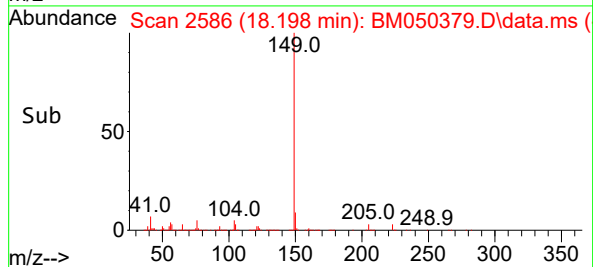
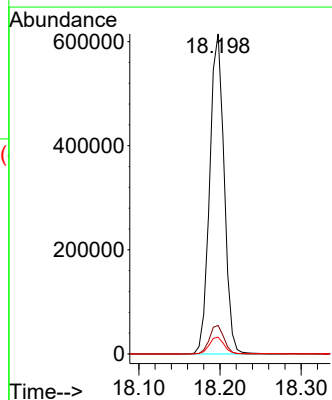
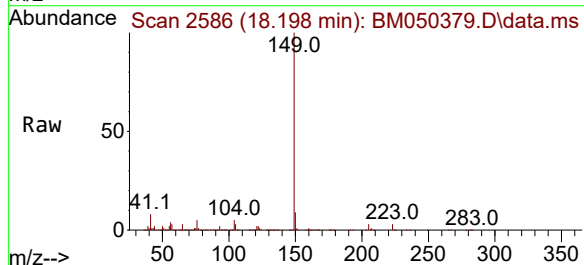
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

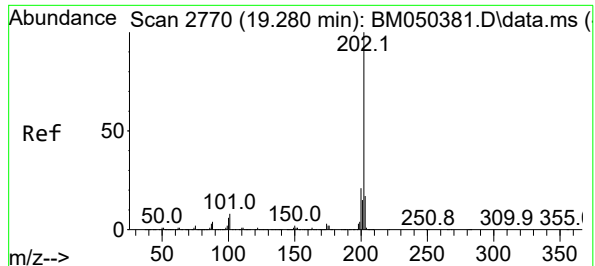
Tgt Ion:167 Resp: 746026
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.5 9.9 14.9



#74
Di-n-butylphthalate
Concen: 8.610 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 759019
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.2 3.9 5.9

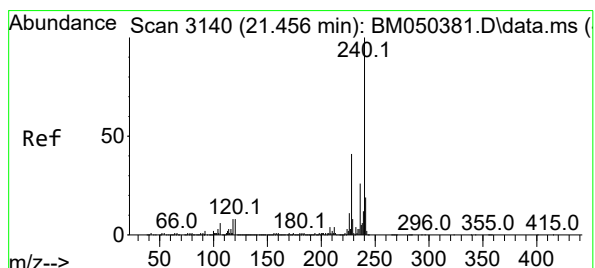
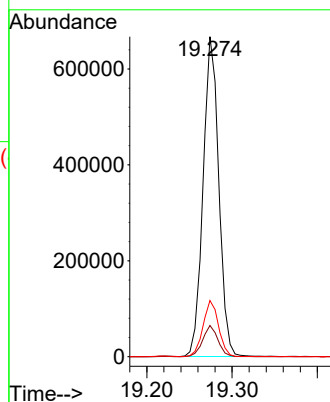
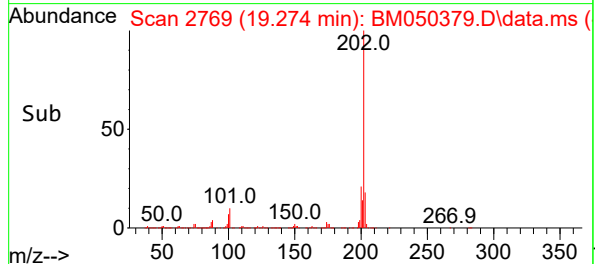
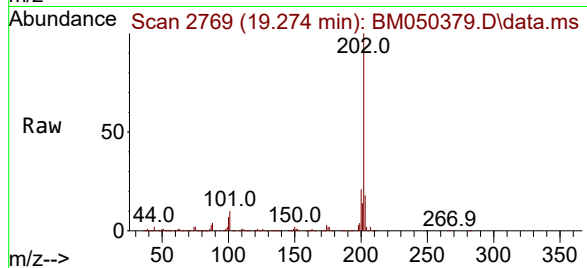




#75
Fluoranthene
Concen: 8.768 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

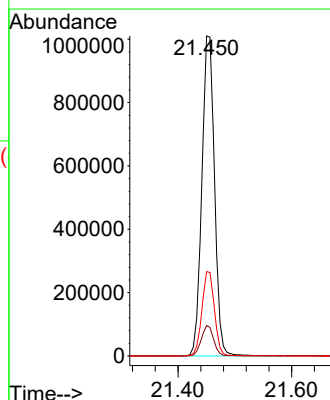
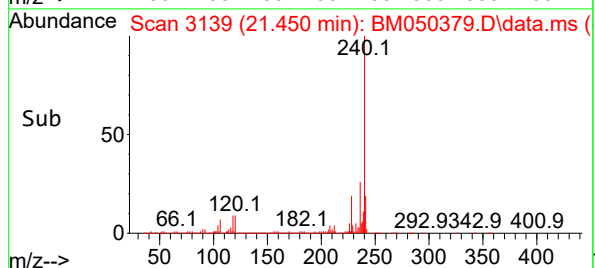
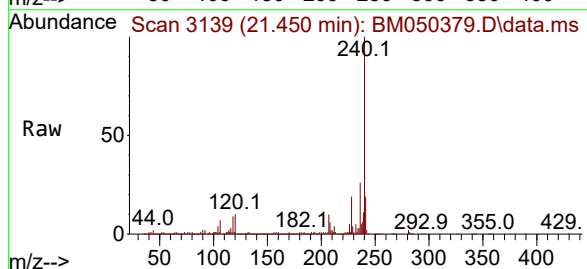
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

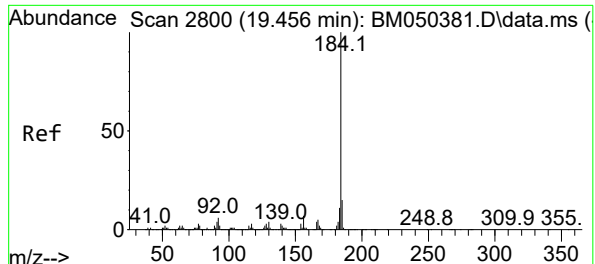
Tgt Ion:202 Resp: 852385
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.3
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:240 Resp: 1564213
Ion Ratio Lower Upper
240 100
120 9.5 6.7 10.1
236 26.4 20.7 31.1

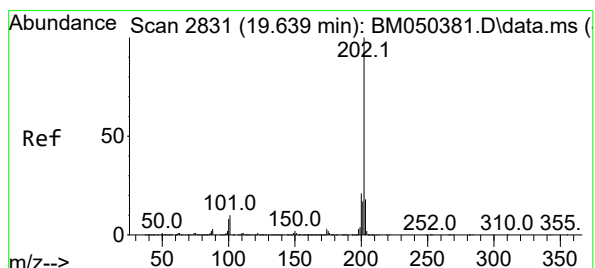
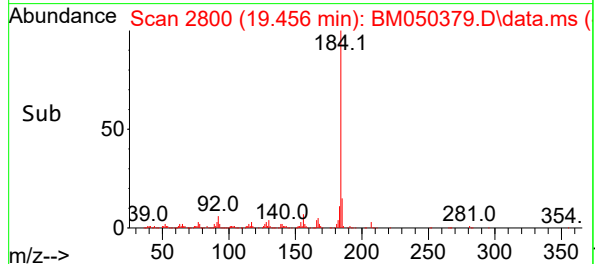
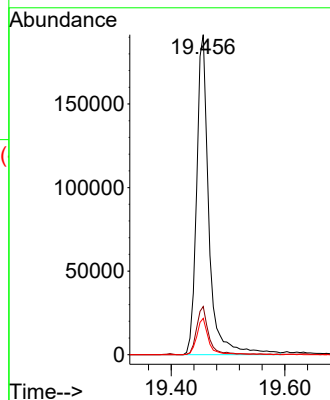
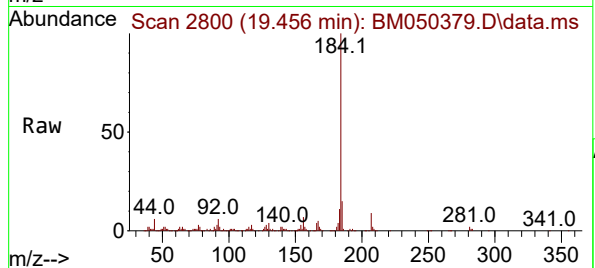




#77
Benzidine
Concen: 7.256 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

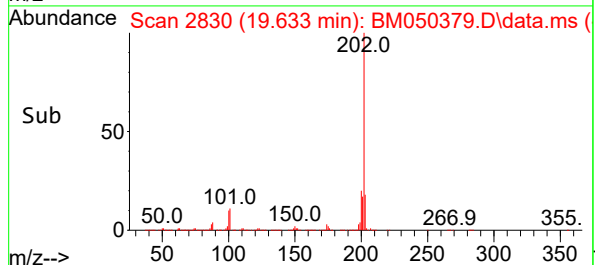
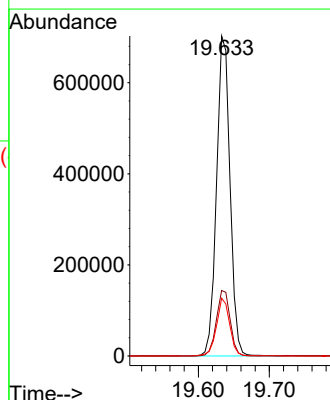
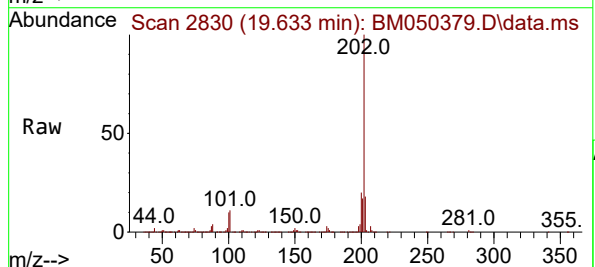
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

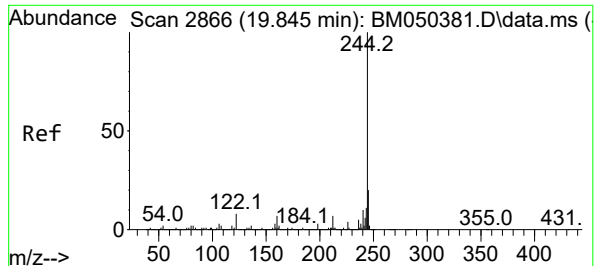
Tgt Ion:184 Resp: 289481
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.3 9.0 13.6



#78
Pyrene
Concen: 9.191 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:202 Resp: 920751
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 18.0 14.1 21.1

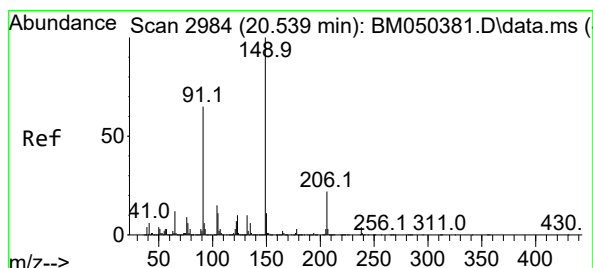
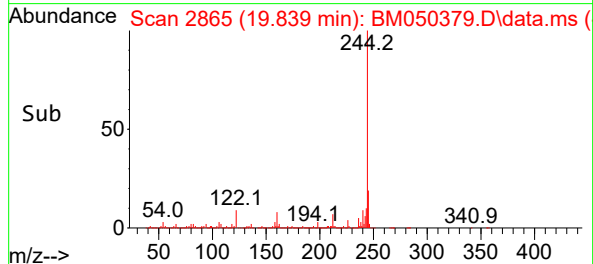
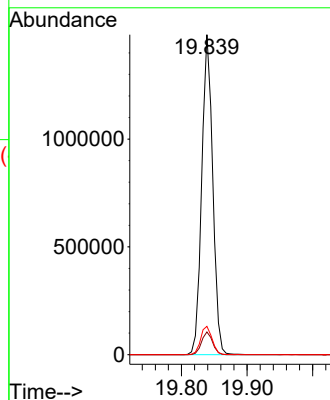
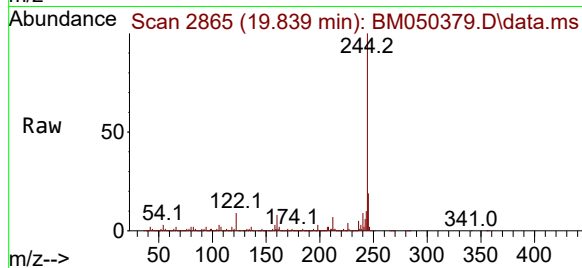




#79
Terphenyl-d14
Concen: 19.526 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

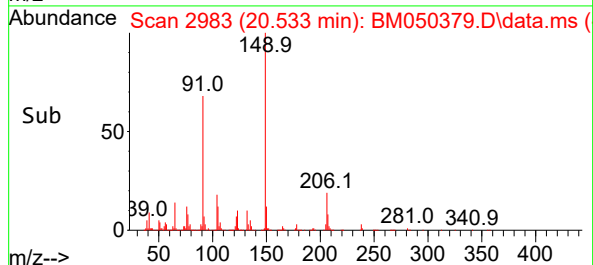
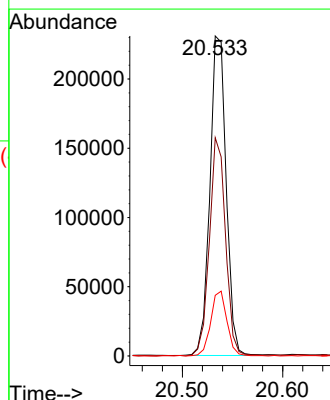
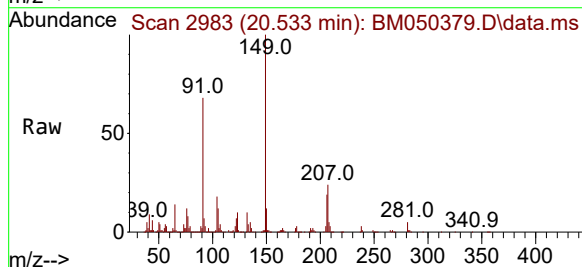
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

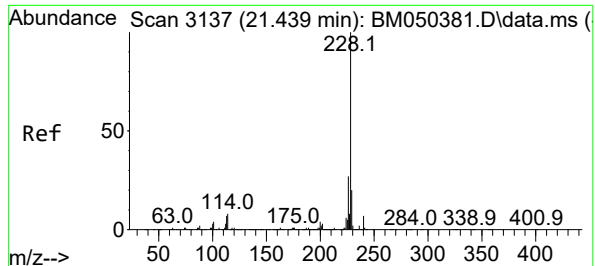
Tgt Ion:244 Resp: 1735885
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 8.8 6.2 9.2



#80
Butylbenzylphthalate
Concen: 7.920 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 261606
Ion Ratio Lower Upper
149 100
91 68.2 51.6 77.4
206 19.0 17.8 26.8

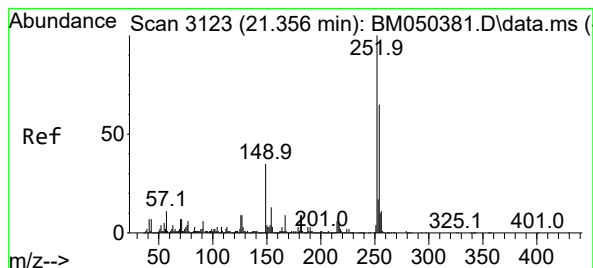
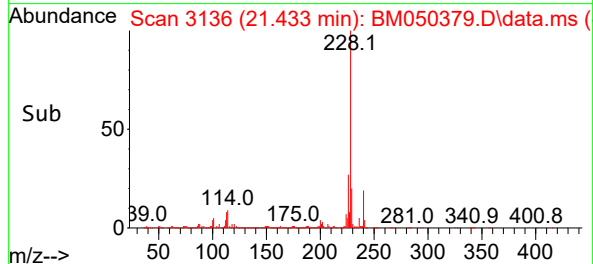
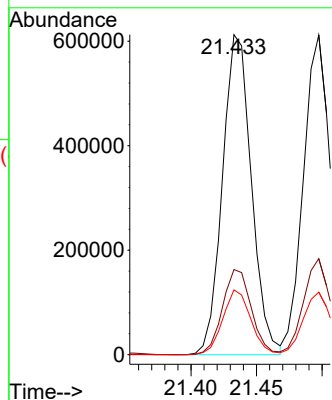
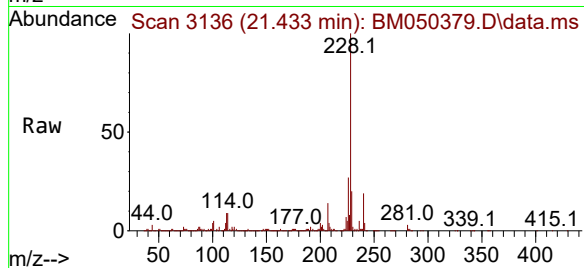




#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

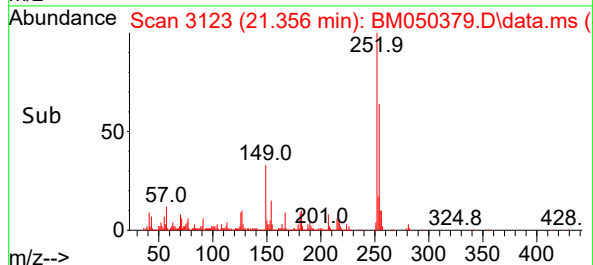
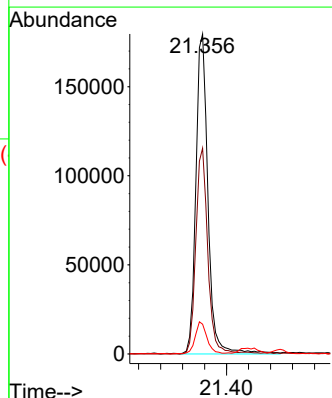
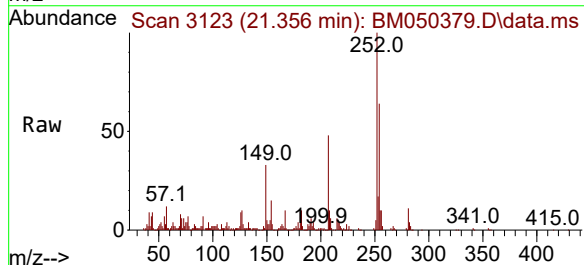
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

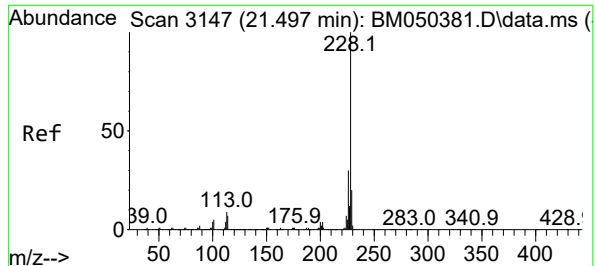
Tgt Ion:228 Resp: 940127
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 7.988 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 274551
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 9.3 7.3 10.9





#83

Chrysene

Concen: 9.384 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

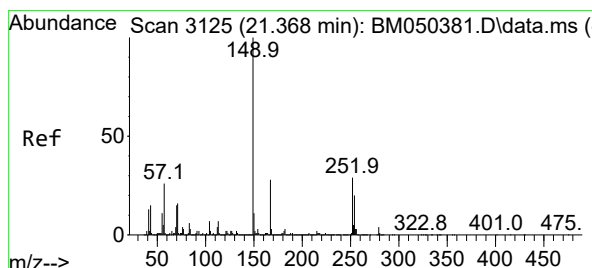
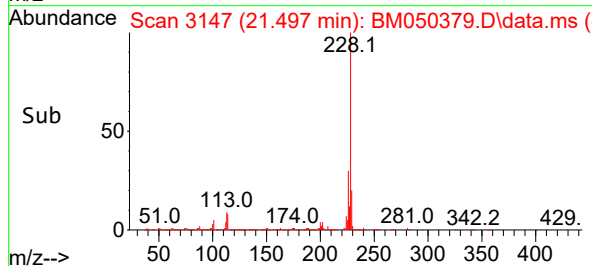
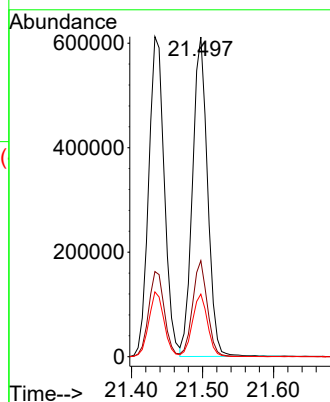
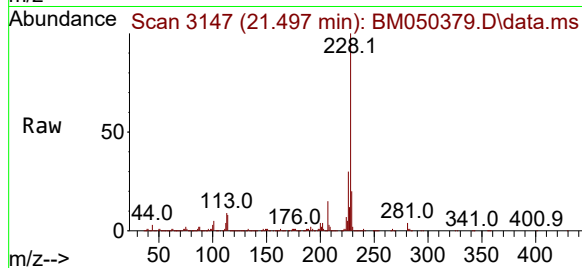
Tgt Ion:228 Resp: 902126

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.136 ng

RT: 21.374 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

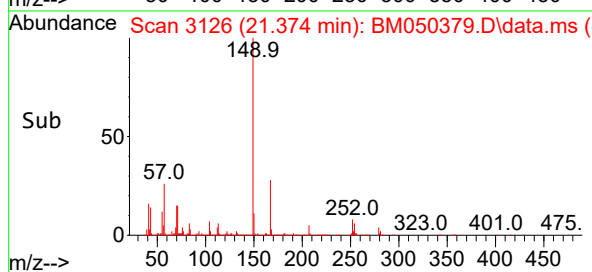
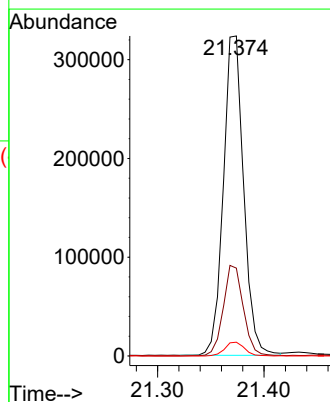
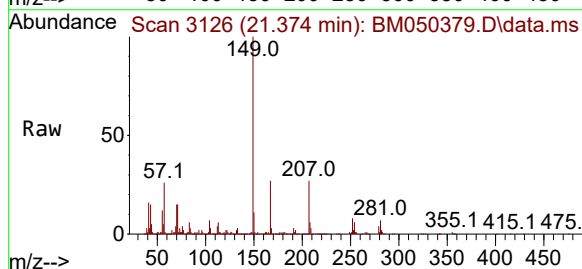
Tgt Ion:149 Resp: 426642

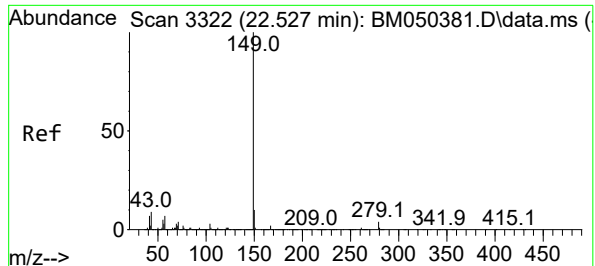
Ion Ratio Lower Upper

149 100

167 27.5 22.7 34.1

279 4.3 3.5 5.3

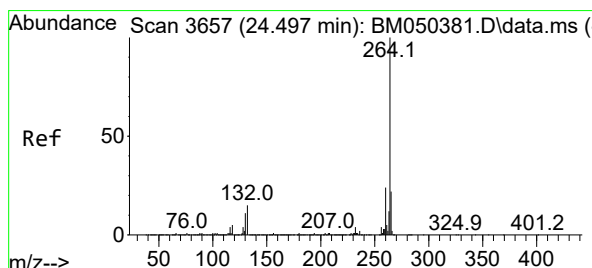
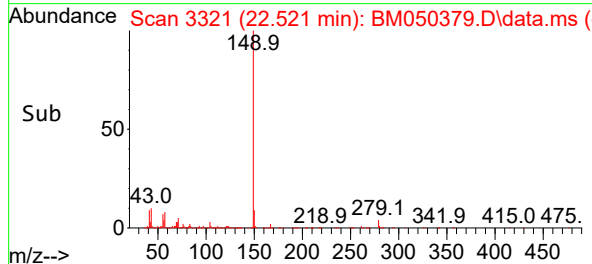
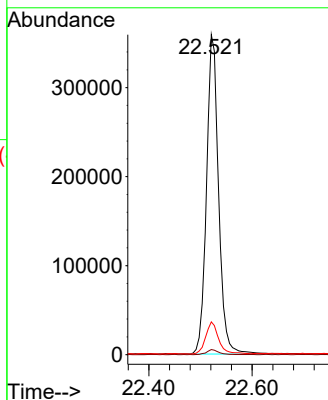
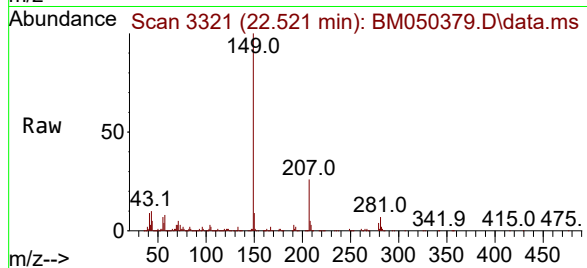




#85
Di-n-octyl phthalate
Concen: 7.070 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

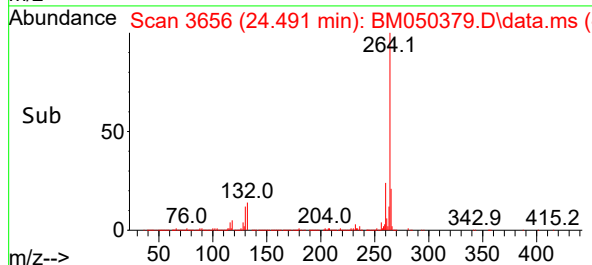
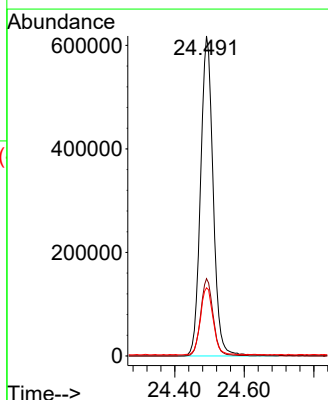
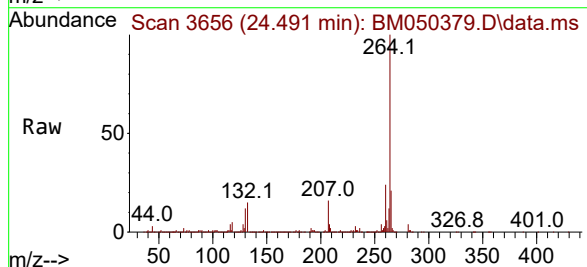
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

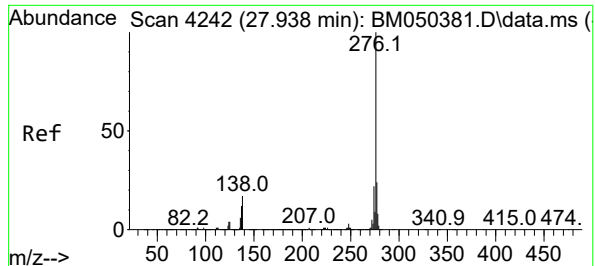
Tgt Ion:149 Resp: 580634
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:264 Resp: 1552476
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.8 26.6

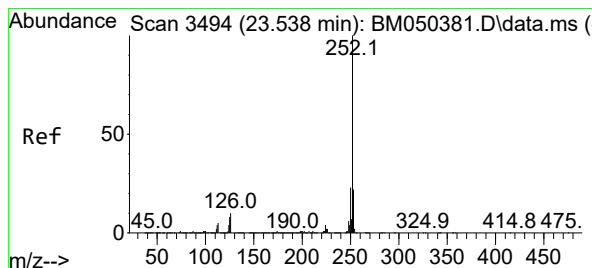
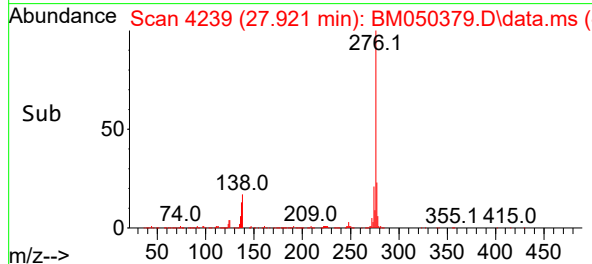
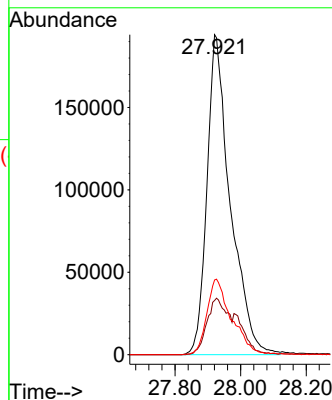
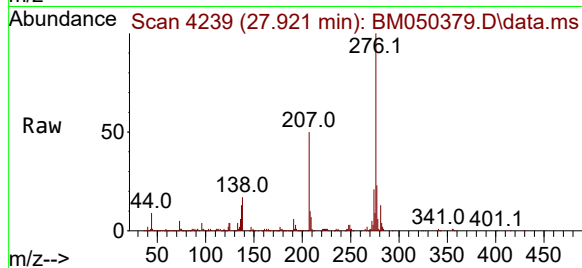




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

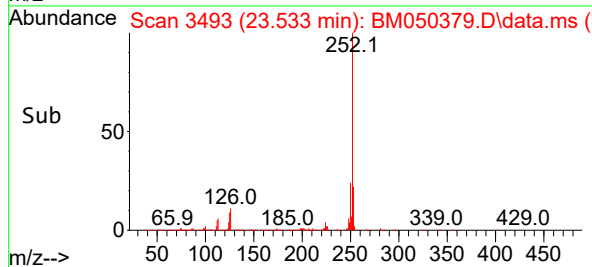
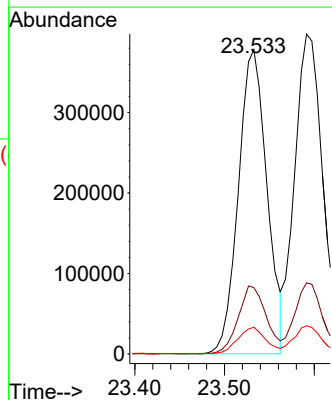
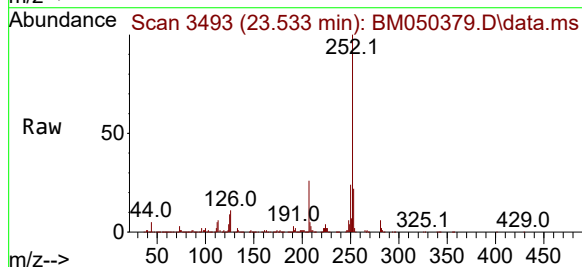
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

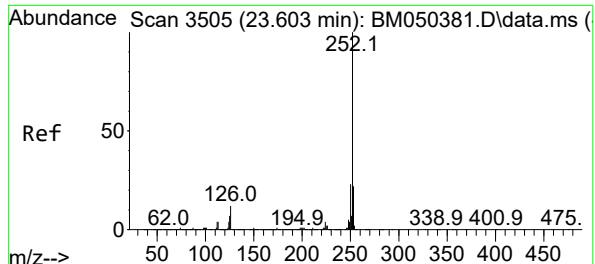
Tgt Ion:276 Resp: 960927
Ion Ratio Lower Upper
276 100
138 15.8 17.0 25.6#
277 24.8 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 8.740 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 834603
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.8 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 8.919 ng

RT: 23.591 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

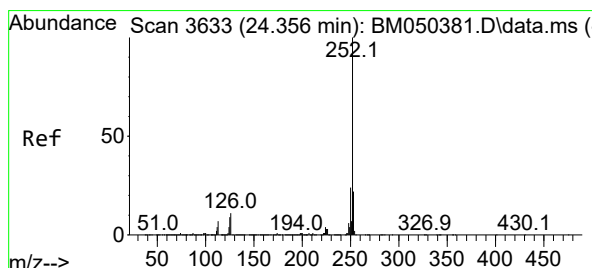
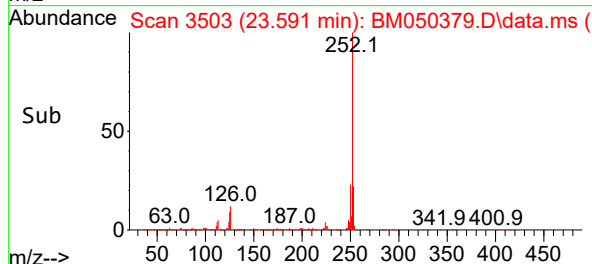
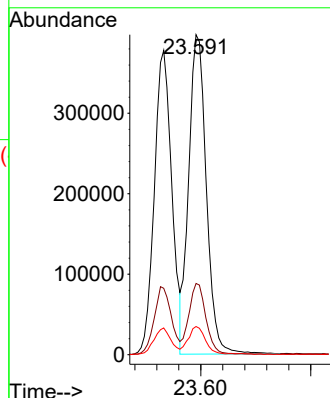
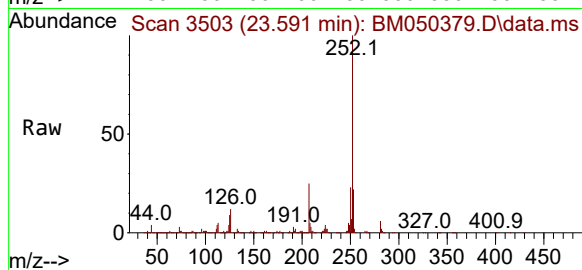
Tgt Ion:252 Resp: 883703

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.8 6.2 9.2



#90

Benzo(a)pyrene

Concen: 8.550 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.012 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

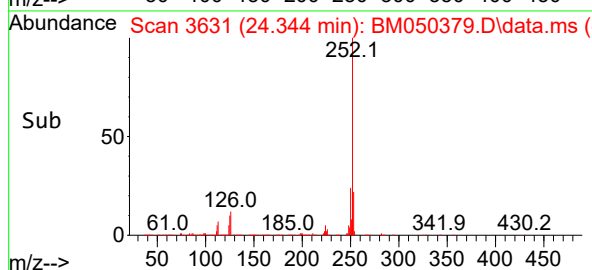
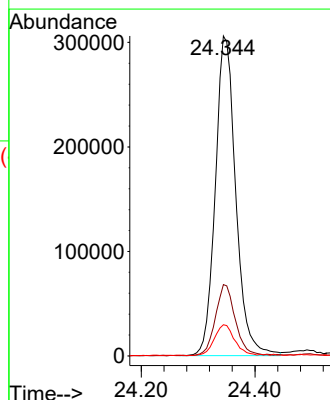
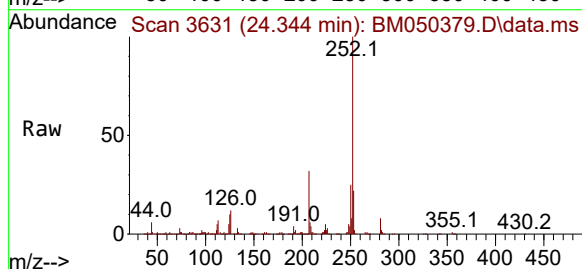
Tgt Ion:252 Resp: 764280

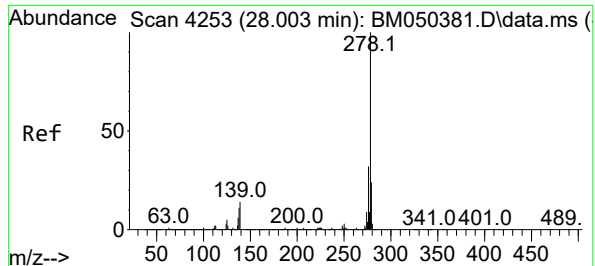
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 8.639 ng

RT: 27.985 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

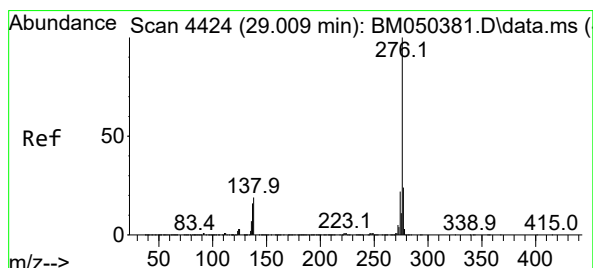
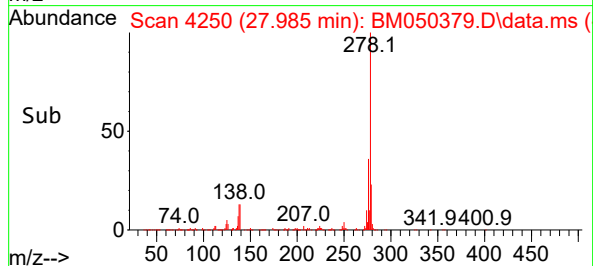
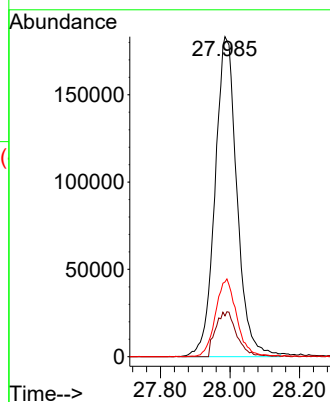
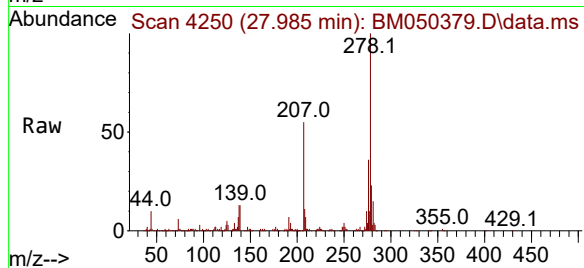
Tgt Ion:278 Resp: 803056

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

279 23.4 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 8.841 ng

RT: 28.997 min Scan# 4422

Delta R.T. -0.012 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

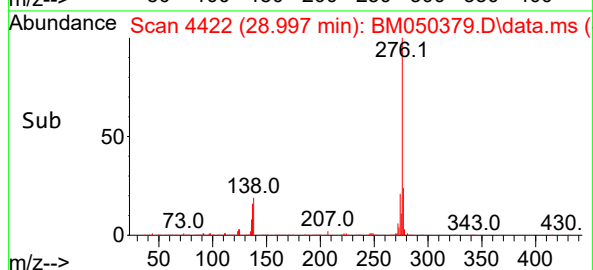
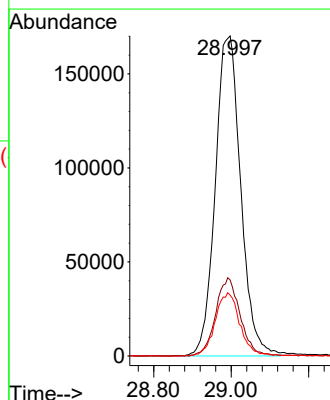
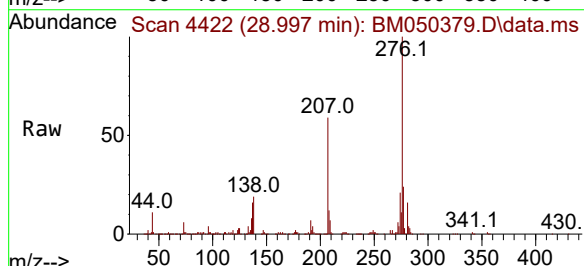
Tgt Ion:276 Resp: 776700

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 19.0 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050380.D
 Acq On : 08 Jul 2025 14:40
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Jul 08 18:21:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	361505	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1364913	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	879171	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1676151	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1698030	20.000	ng	0.00
86) Perylene-d12	24.492	264	1655344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	830817	39.560	ng	0.00
7) Phenol-d6	7.016	99	1041640	39.345	ng	0.00
23) Nitrobenzene-d5	9.016	82	1065139	39.813	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	404270	37.846	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2831991	39.780	ng	0.00
79) Terphenyl-d14	19.839	244	4159871	43.104	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	174356	20.190	ng	99
3) Pyridine	3.734	79	453940	20.022	ng	99
4) n-Nitrosodimethylamine	3.640	42	215262	20.366	ng	# 95
6) Aniline	7.187	93	666785	19.625	ng	100
8) 2-Chlorophenol	7.428	128	440657	19.898	ng	97
9) Benzaldehyde	6.999	77	355966m	22.600	ng	
10) Phenol	7.046	94	548000	19.845	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	442290	20.000	ng	100
12) 1,3-Dichlorobenzene	7.757	146	540913	20.088	ng	98
13) 1,4-Dichlorobenzene	7.899	146	555418	20.200	ng	99
14) 1,2-Dichlorobenzene	8.216	146	525580	19.966	ng	99
15) Benzyl Alcohol	8.099	79	359867	19.292	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	657213	20.176	ng	100
17) 2-Methylphenol	8.299	107	354110	19.772	ng	100
18) Hexachloroethane	8.951	117	192269	19.883	ng	97
19) n-Nitroso-di-n-propyla...	8.669	70	320932	20.010	ng	98
20) 3+4-Methylphenols	8.622	107	468665	19.493	ng	99
22) Acetophenone	8.681	105	684104	20.046	ng	# 99
24) Nitrobenzene	9.057	77	481755	20.179	ng	100
25) Isophorone	9.587	82	865912	19.946	ng	99
26) 2-Nitrophenol	9.775	139	180315	18.532	ng	99
27) 2,4-Dimethylphenol	9.828	122	410521	19.828	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	575979	20.023	ng	100
29) 2,4-Dichlorophenol	10.304	162	424771	19.970	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	503042	19.769	ng	98
31) Naphthalene	10.710	128	1397680	20.160	ng	99
32) Benzoic acid	9.910	122	189237	19.011	ng	100
33) 4-Chloroaniline	10.810	127	582272	19.867	ng	99
34) Hexachlorobutadiene	11.010	225	303657	19.552	ng	99
35) Caprolactam	11.569	113	110042	18.951	ng	95
36) 4-Chloro-3-methylphenol	11.928	107	393366	19.804	ng	99
37) 2-Methylnaphthalene	12.322	142	871365	19.906	ng	98
38) 1-Methylnaphthalene	12.539	142	920592	19.872	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	536934	19.205	ng	99
41) Hexachlorocyclopentadiene	12.675	237	317506	17.766	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	331504	19.263	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050380.D
 Acq On : 08 Jul 2025 14:40
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Jul 08 18:21:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

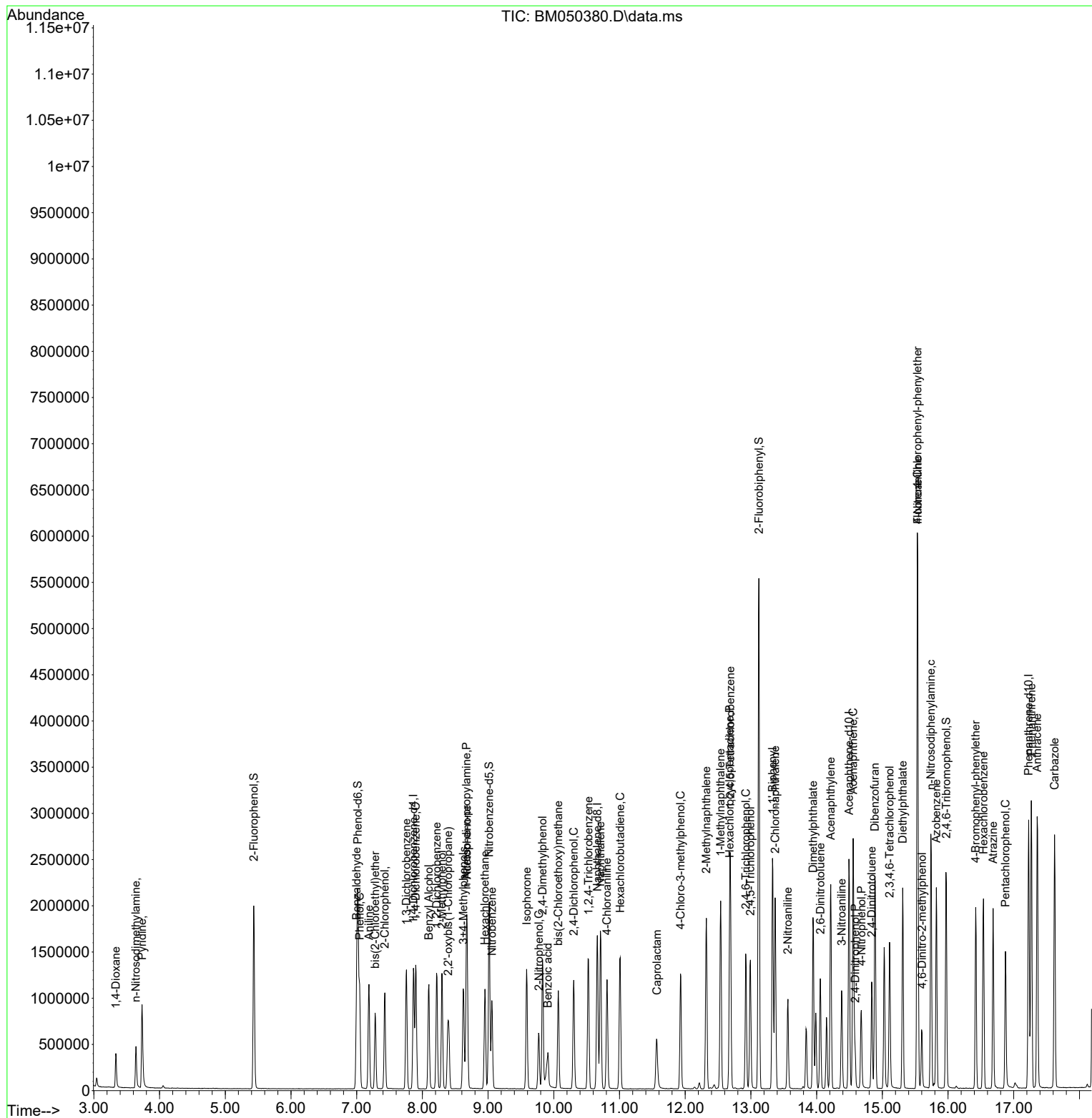
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	364770	19.408	ng	99
46) 1,1'-Biphenyl	13.328	154	1300397	19.936	ng	99
47) 2-Chloronaphthalene	13.369	162	1043593	20.066	ng	99
48) 2-Nitroaniline	13.563	65	222094	19.132	ng	98
49) Acenaphthylene	14.216	152	1578057	20.078	ng	99
50) Dimethylphthalate	13.945	163	1202901	19.873	ng	100
51) 2,6-Dinitrotoluene	14.057	165	231144	19.889	ng	99
52) Acenaphthene	14.557	154	990178	19.816	ng	99
53) 3-Nitroaniline	14.380	138	244460	19.779	ng	96
54) 2,4-Dinitrophenol	14.586	184	85284	18.641	ng	96
55) Dibenzofuran	14.886	168	1543545	20.048	ng	99
56) 4-Nitrophenol	14.680	139	198160	18.644	ng	99
57) 2,4-Dinitrotoluene	14.839	165	299004	18.935	ng	95
58) Fluorene	15.539	166	1255879	19.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	312205	19.733	ng	99
60) Diethylphthalate	15.310	149	1159537	20.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	644238	19.428	ng	99
62) 4-Nitroaniline	15.539	138	249635	19.209	ng	93
63) Azobenzene	15.822	77	1085005	20.436	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	129223	18.758	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039509	19.819	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	353272	19.130	ng	96
68) Hexachlorobenzene	16.539	284	424108	19.444	ng	99
69) Atrazine	16.686	200	333655	19.373	ng	97
70) Pentachlorophenol	16.874	266	243316	17.920	ng	98
71) Phenanthrene	17.269	178	1876408	19.784	ng	100
72) Anthracene	17.357	178	1859273	19.694	ng	99
73) Carbazole	17.621	167	1691521	19.801	ng	100
74) Di-n-butylphthalate	18.198	149	1829412	19.566	ng	100
75) Fluoranthene	19.274	202	1980887	19.212	ng	98
77) Benzidine	19.451	184	884477	20.422	ng	99
78) Pyrene	19.639	202	2140070	19.679	ng	99
80) Butylbenzylphthalate	20.533	149	681649	19.009	ng	95
81) Benzo(a)anthracene	21.433	228	2176940	19.676	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	689176	18.471	ng	100
83) Chrysene	21.498	228	2037978	19.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1117874	19.638	ng	100
85) Di-n-octyl phthalate	22.521	149	1580618	17.729	ng	99
87) Indeno(1,2,3-cd)pyrene	27.927	276	2274737	19.328	ng	99
88) Benzo(b)fluoranthene	23.533	252	1948651	19.138	ng	99
89) Benzo(k)fluoranthene	23.592	252	2064811	19.544	ng	99
90) Benzo(a)pyrene	24.350	252	1819117	19.085	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	1918673	19.357	ng	100
92) Benzo(g,h,i)perylene	28.997	276	1815952	19.385	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

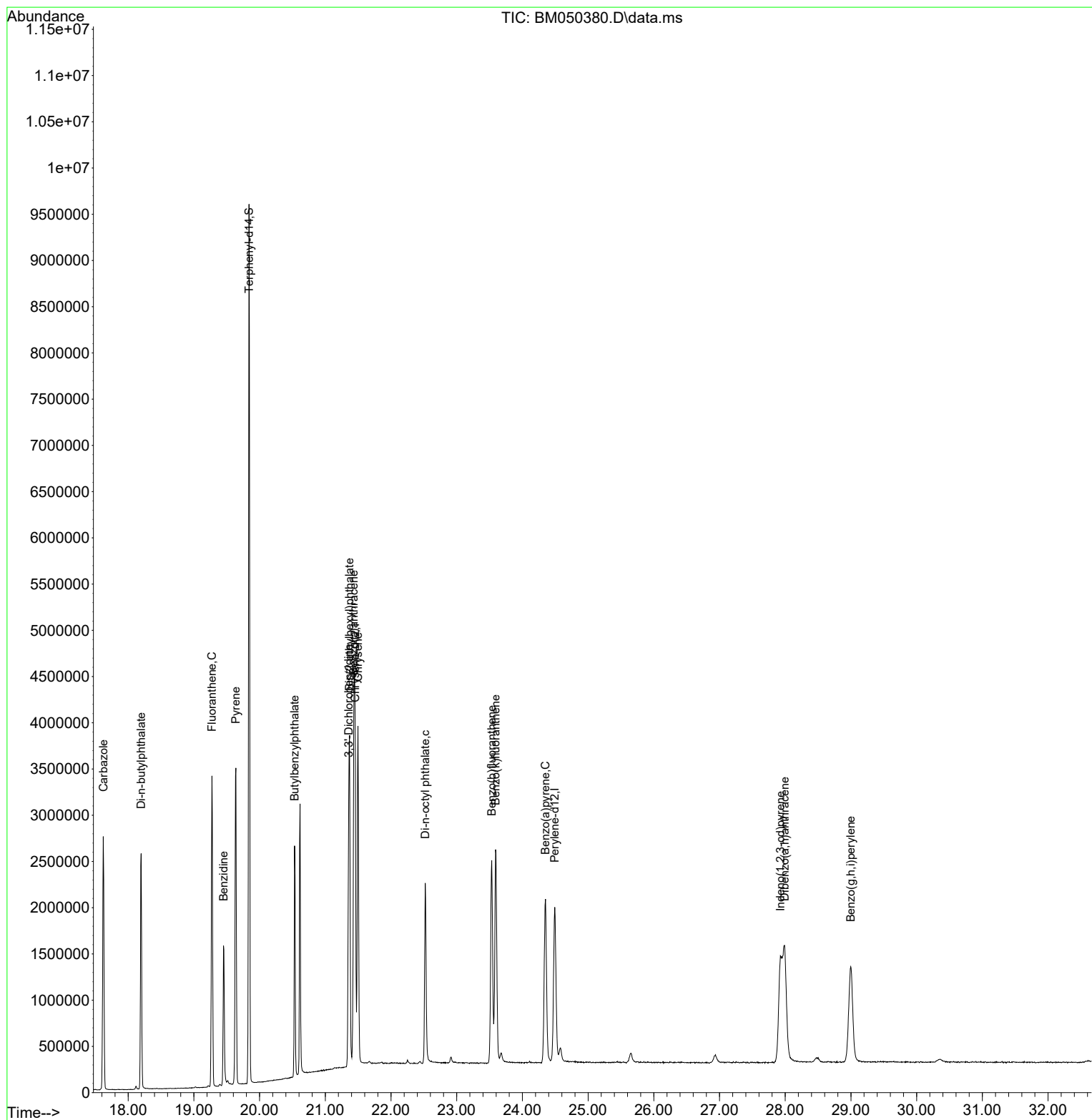
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

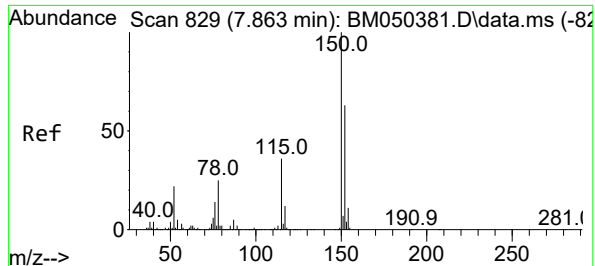


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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Response via : Initial Calibration

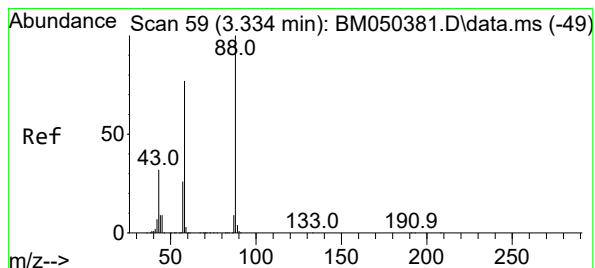
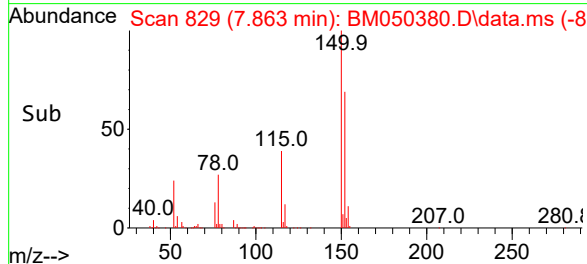
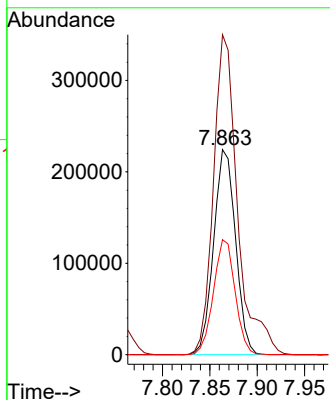
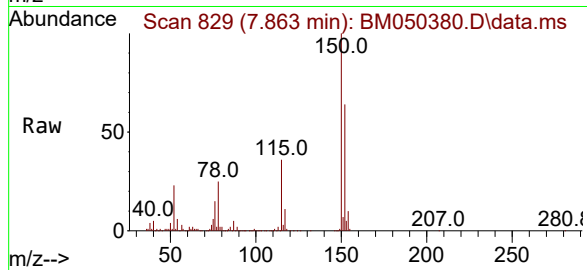




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

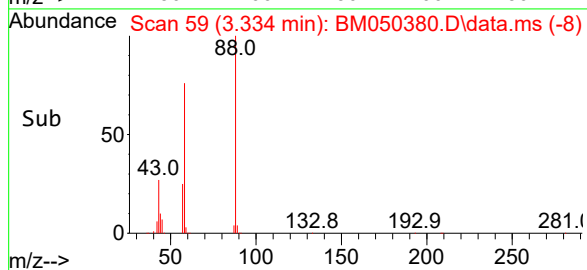
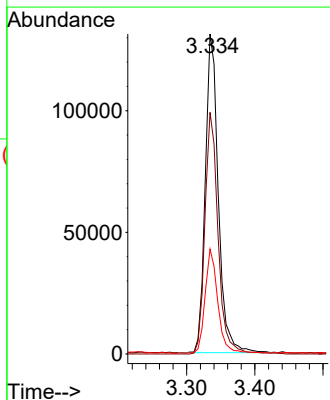
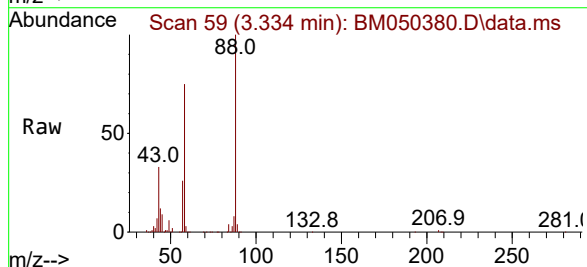
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

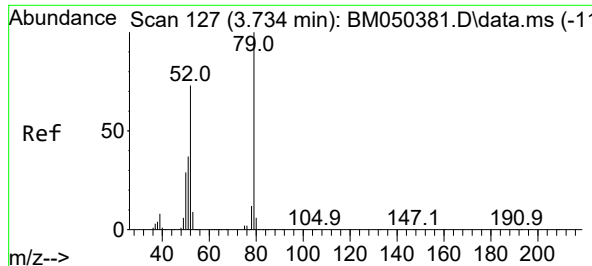
Tgt Ion:152 Resp: 361505
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 56.1 45.8 68.8



#2
1,4-Dioxane
Concen: 20.190 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 88 Resp: 174356
Ion Ratio Lower Upper
88 100
58 76.7 61.0 91.6
43 31.7 24.6 37.0





#3

Pyridine

Concen: 20.022 ng

RT: 3.734 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

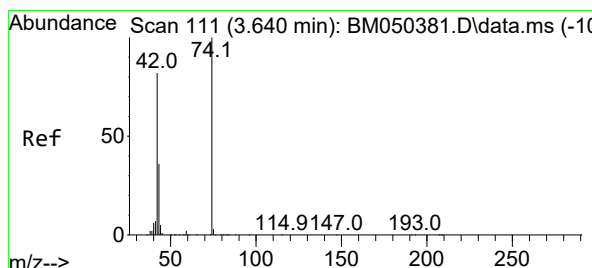
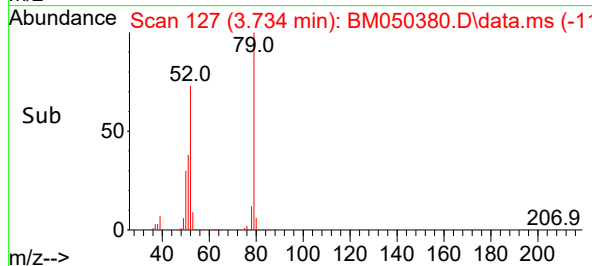
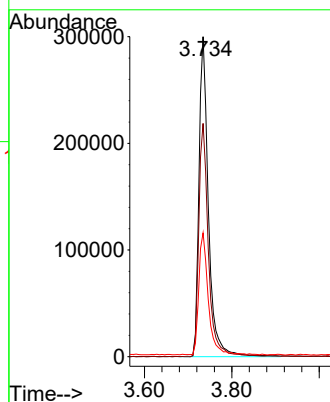
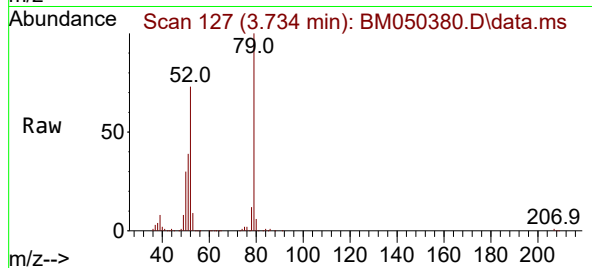
Tgt Ion: 79 Resp: 453940

Ion Ratio Lower Upper

79 100

52 72.9 58.3 87.5

51 38.7 29.6 44.4



#4

n-Nitrosodimethylamine

Concen: 20.366 ng

RT: 3.640 min Scan# 111

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

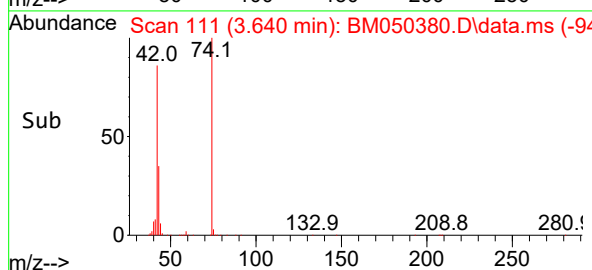
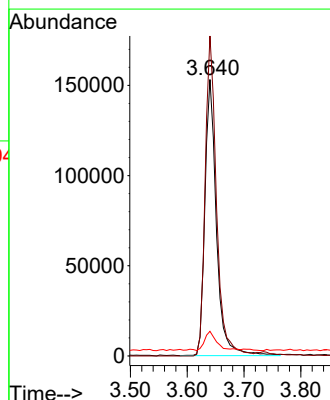
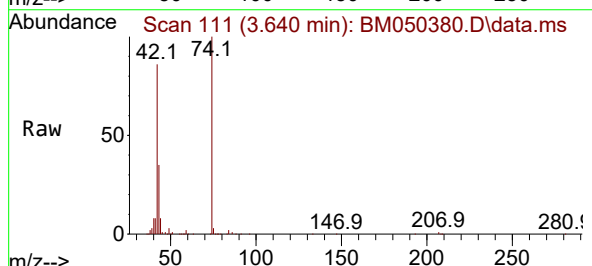
Tgt Ion: 42 Resp: 215262

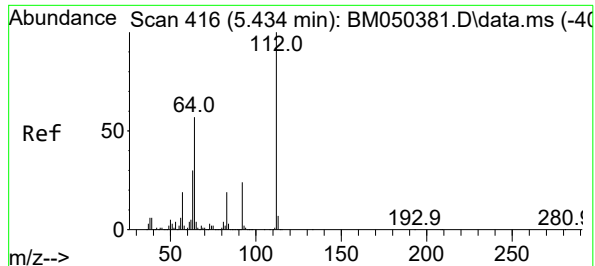
Ion Ratio Lower Upper

42 100

74 115.7 97.5 146.3

44 8.9 5.7 8.5#





#5

2-Fluorophenol

Concen: 39.560 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

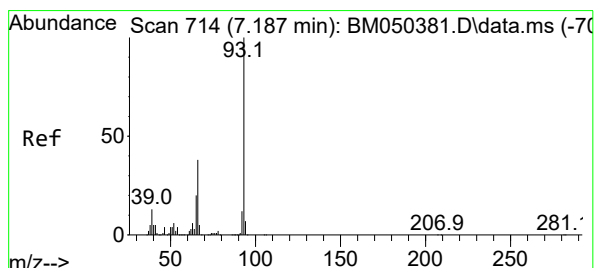
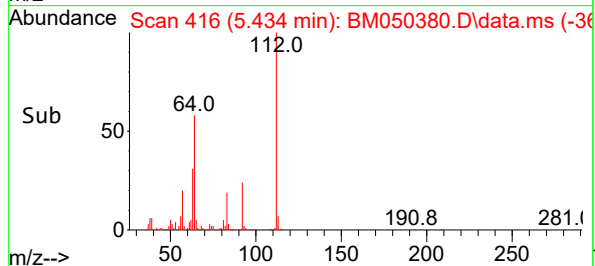
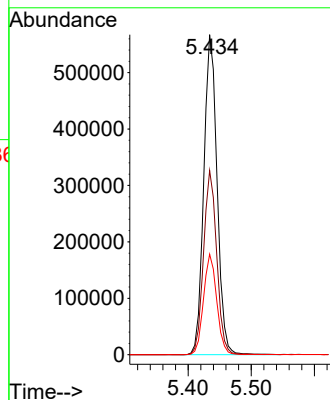
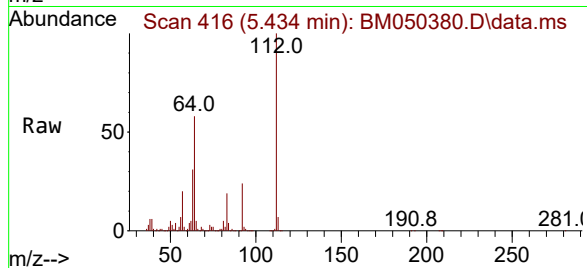
Tgt Ion:112 Resp: 830817

Ion Ratio Lower Upper

112 100

64 57.5 45.5 68.3

63 31.4 24.2 36.4



#6

Aniline

Concen: 19.625 ng

RT: 7.187 min Scan# 714

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

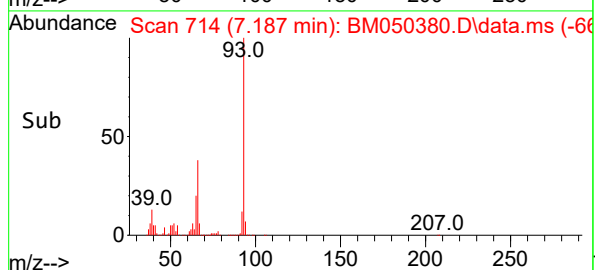
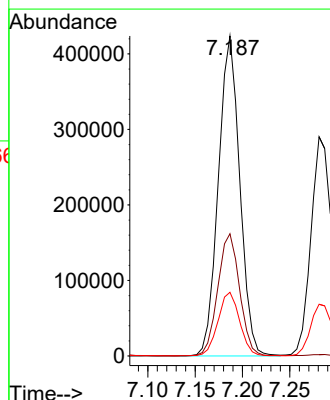
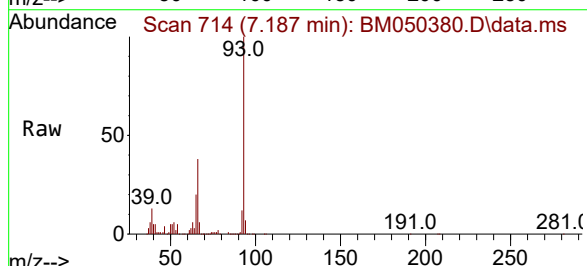
Tgt Ion: 93 Resp: 666785

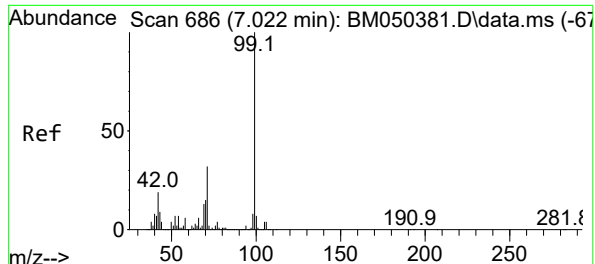
Ion Ratio Lower Upper

93 100

66 38.2 30.5 45.7

65 19.9 15.9 23.9

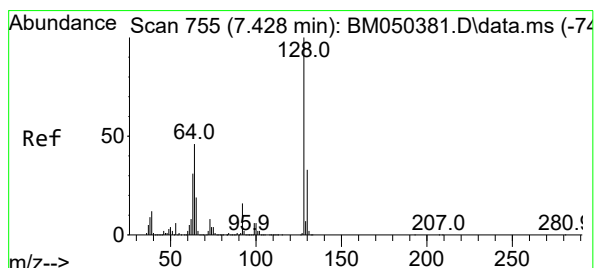
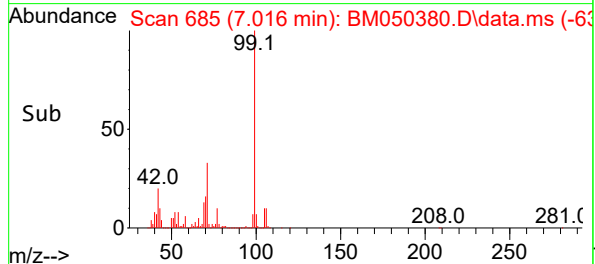
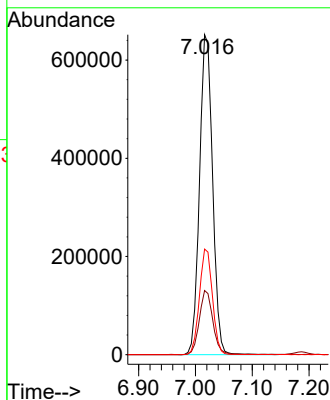
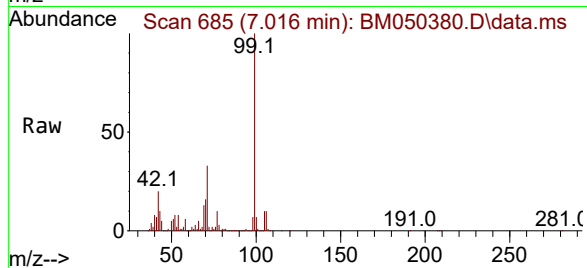




#7
Phenol-d6
Concen: 39.345 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

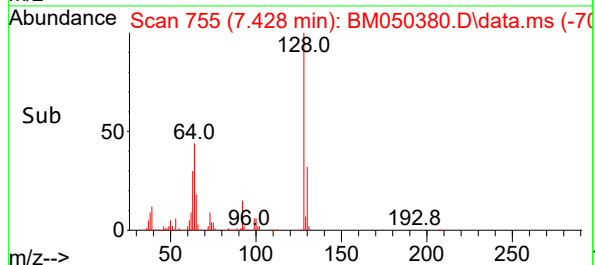
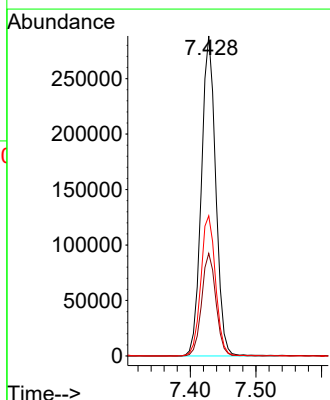
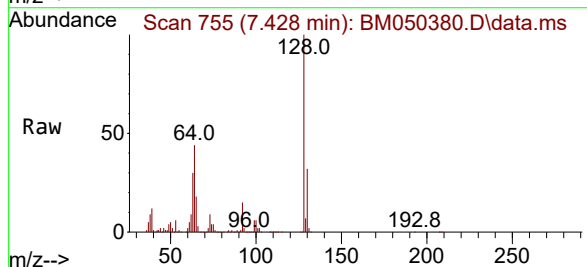
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

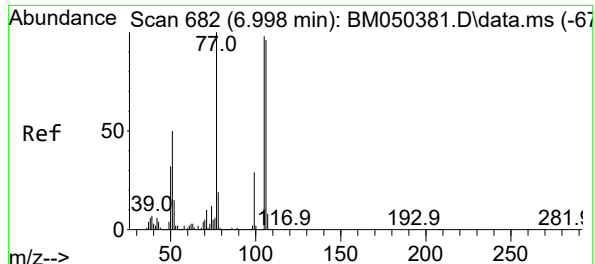
Tgt Ion: 99 Resp: 1041640
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.6
71 33.0 25.9 38.9



#8
2-Chlorophenol
Concen: 19.898 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 128 Resp: 440657
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 43.8 25.6 65.6

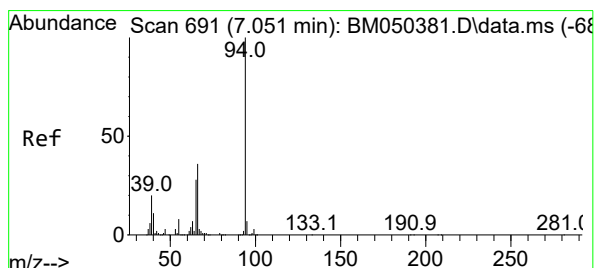
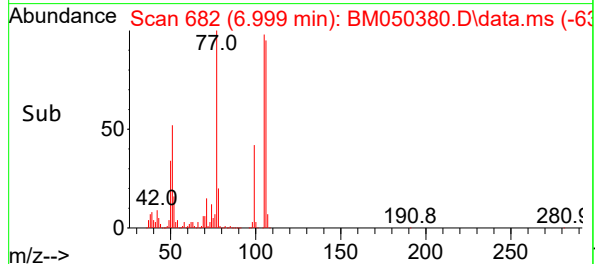
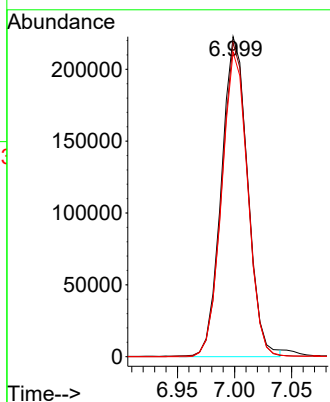
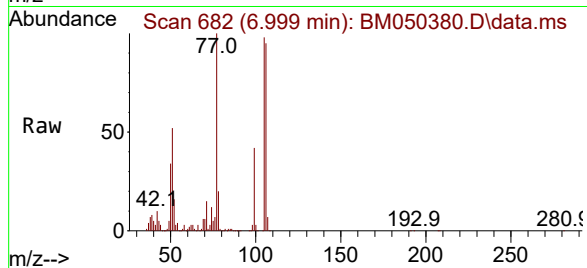




#9
Benzaldehyde
Concen: 22.600 ng m
RT: 6.999 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

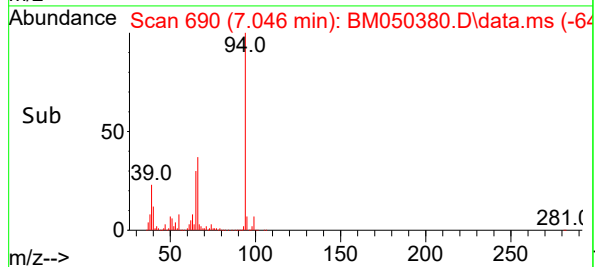
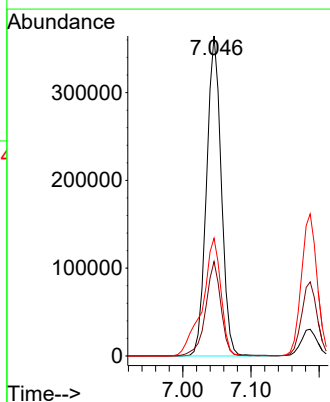
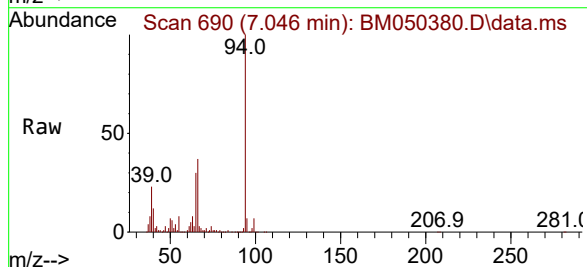
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

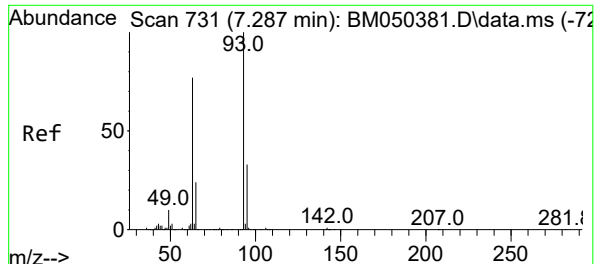
Tgt Ion: 77 Resp: 355966
Ion Ratio Lower Upper
77 100
105 98.1 78.4 118.4
106 95.2 76.3 116.3



#10
Phenol
Concen: 19.845 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 94 Resp: 548000
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 36.8 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 20.000 ng

RT: 7.281 min Scan# 7

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

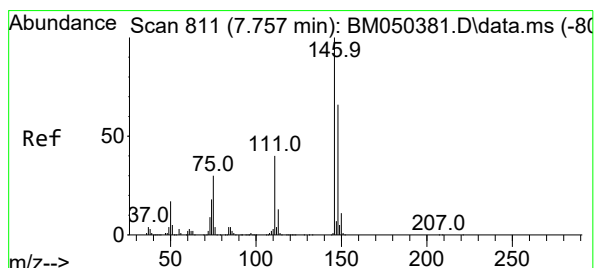
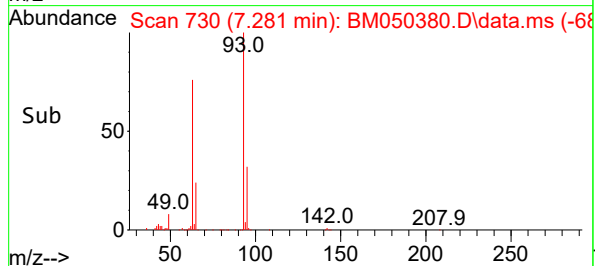
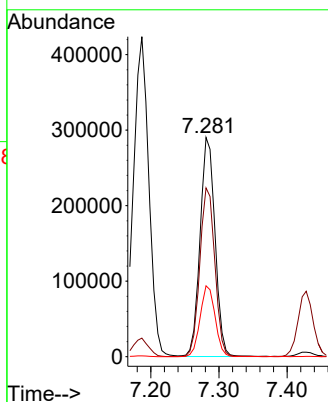
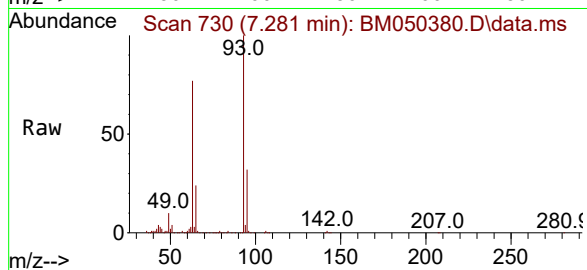
Tgt Ion: 93 Resp: 442290

Ion Ratio Lower Upper

93 100

63 77.0 56.9 96.9

95 32.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 20.088 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

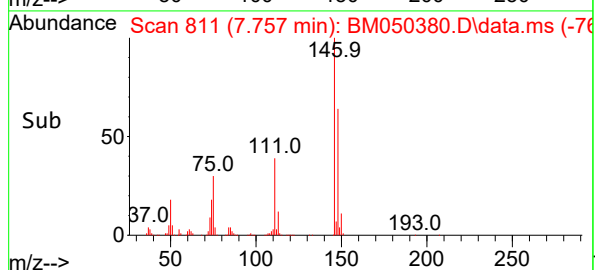
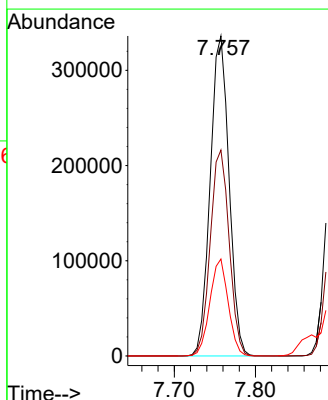
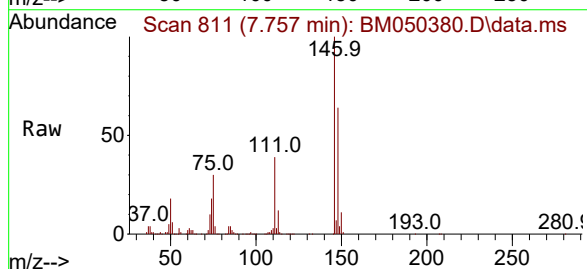
Tgt Ion:146 Resp: 540913

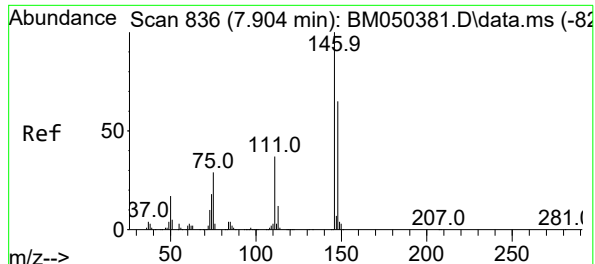
Ion Ratio Lower Upper

146 100

148 64.3 53.2 79.8

75 30.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 20.200 ng

RT: 7.899 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

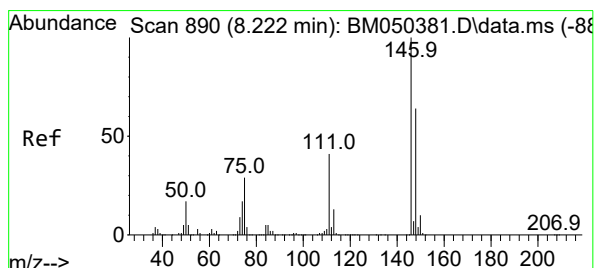
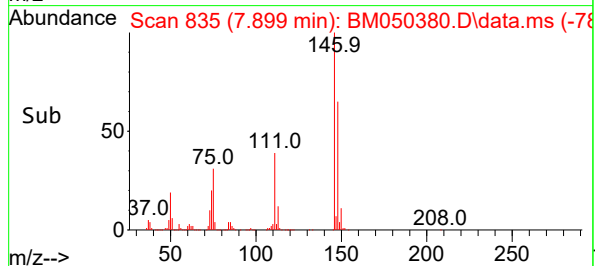
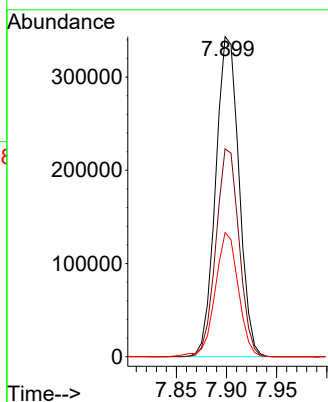
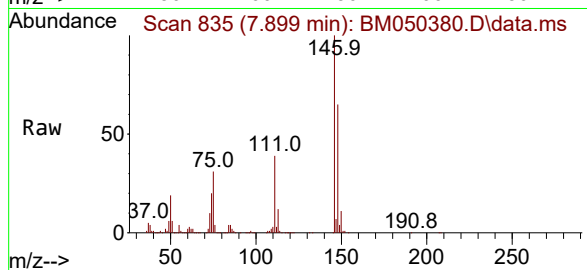
Tgt Ion:146 Resp: 555418

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 38.8 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 19.966 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

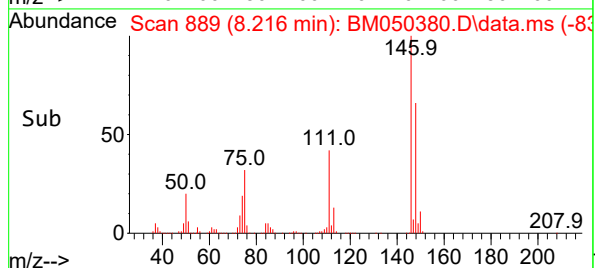
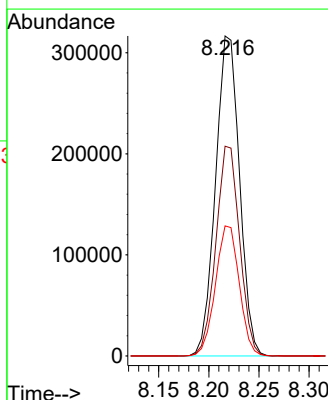
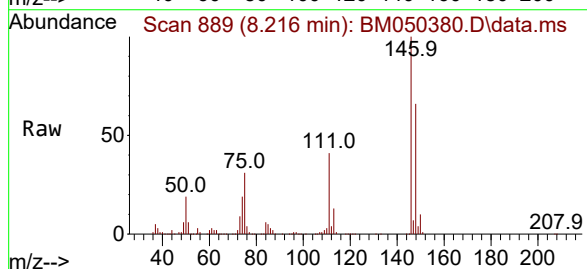
Tgt Ion:146 Resp: 525580

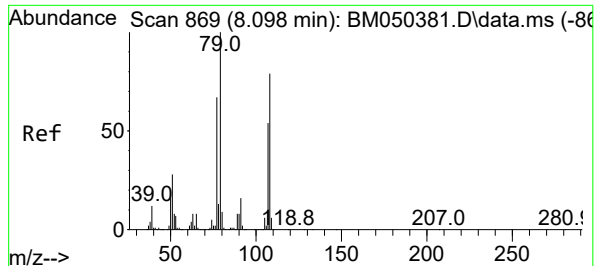
Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

111 40.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 19.292 ng

RT: 8.099 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

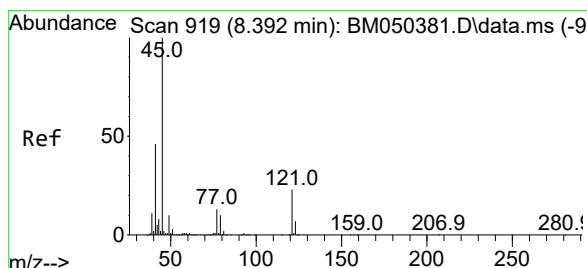
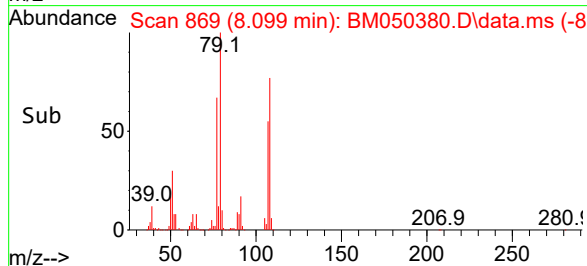
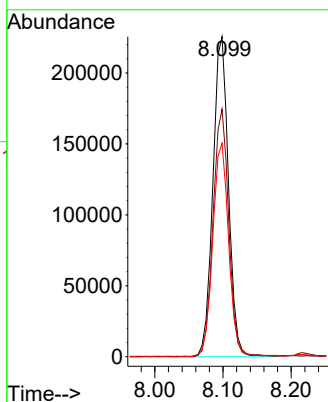
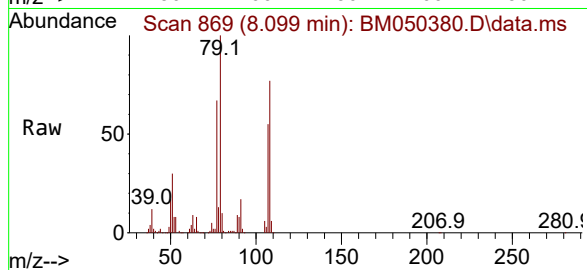
Tgt Ion: 79 Resp: 359867

Ion Ratio Lower Upper

79 100

108 77.3 63.0 94.4

77 66.7 53.4 80.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.176 ng

RT: 8.393 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

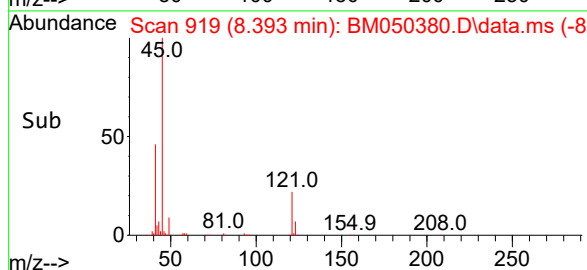
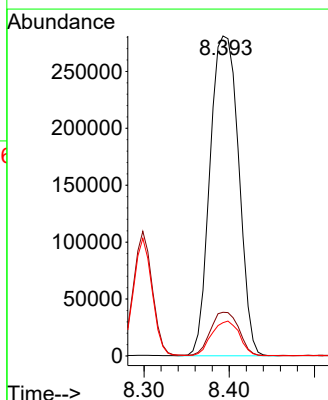
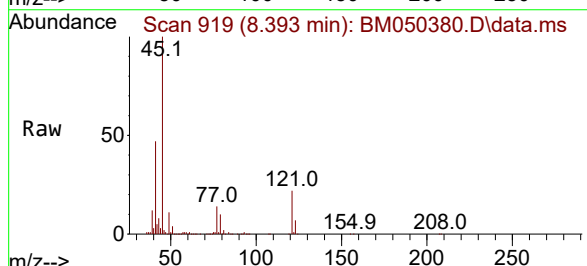
Tgt Ion: 45 Resp: 657213

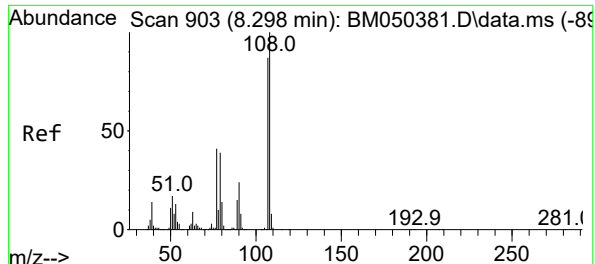
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

79 10.4 0.0 30.3





#17

2-Methylphenol

Concen: 19.772 ng

RT: 8.299 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050380.D

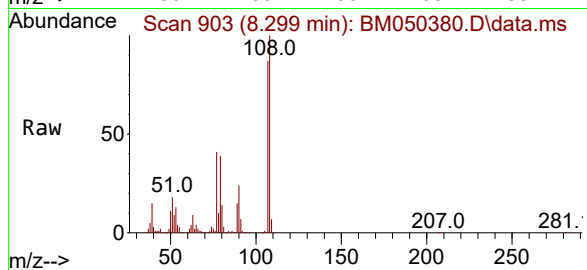
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

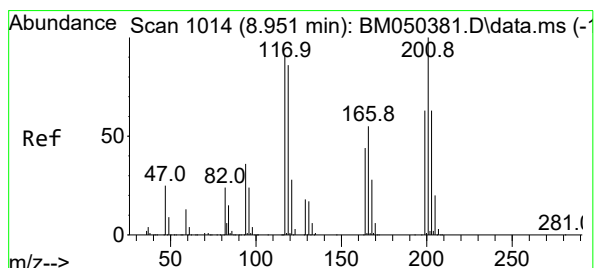
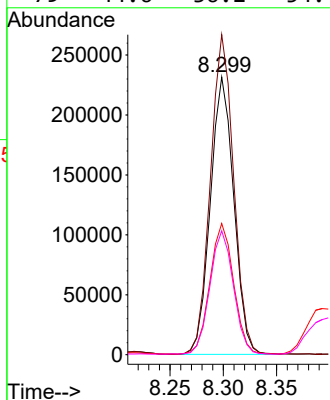
ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 354110

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.1	138.1
77	47.3	38.2	57.4
79	44.6	36.2	54.4



#18

Hexachloroethane

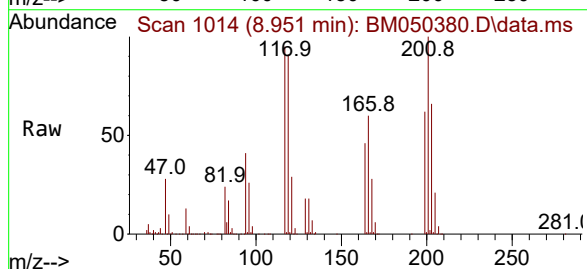
Concen: 19.883 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

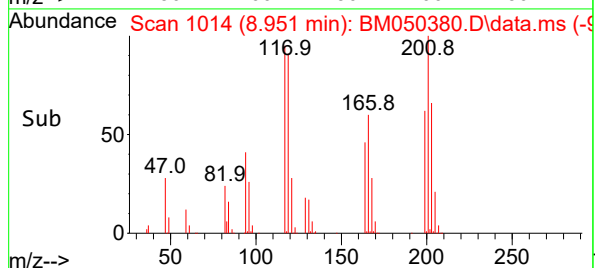
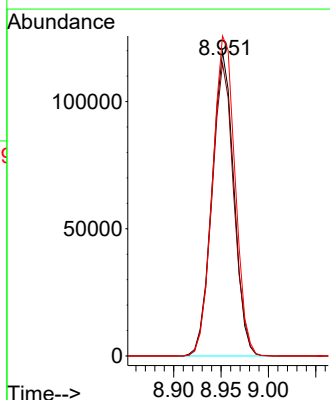
Lab File: BM050380.D

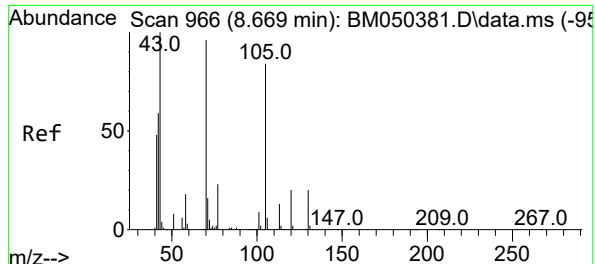
Acq: 08 Jul 2025 14:40



Tgt Ion:117 Resp: 192269

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	105.2	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.010 ng

RT: 8.669 min Scan# 9

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 320932

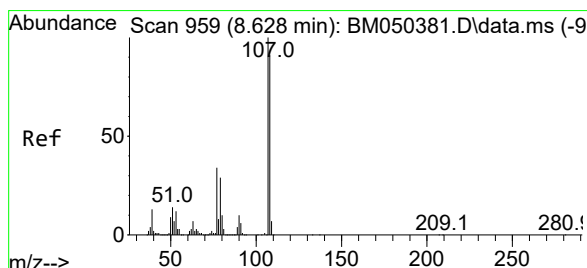
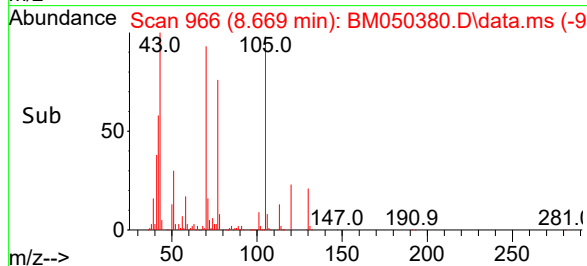
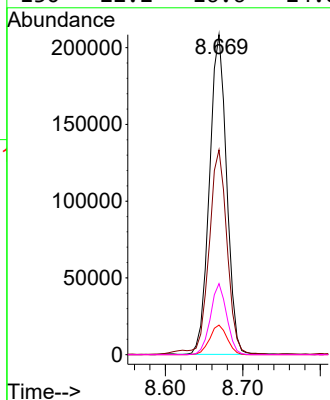
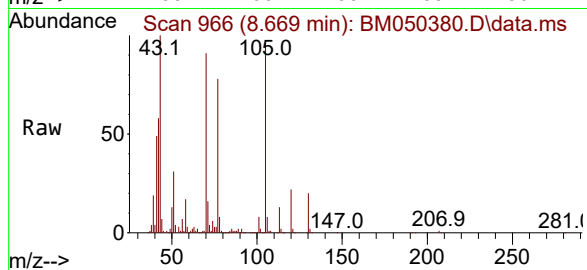
Ion Ratio Lower Upper

70 100

42 64.0 49.7 74.5

101 9.2 7.7 11.5

130 22.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 19.493 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion: 107 Resp: 468665

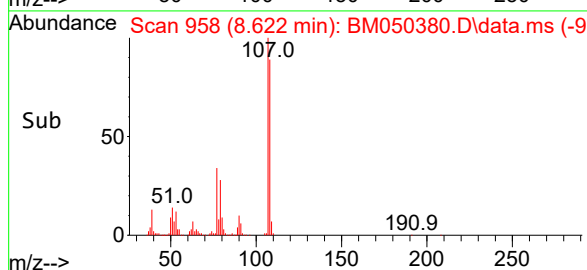
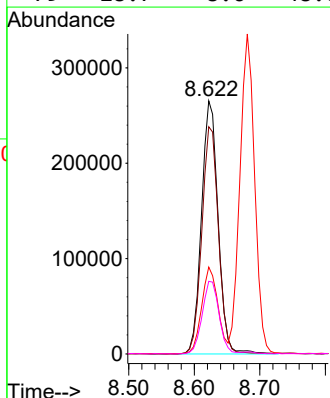
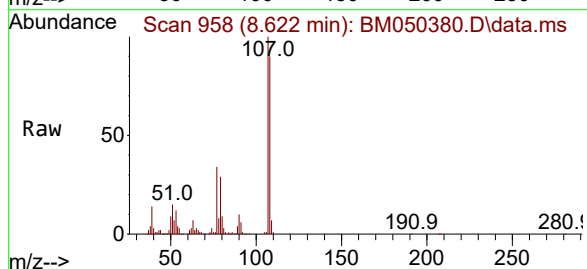
Ion Ratio Lower Upper

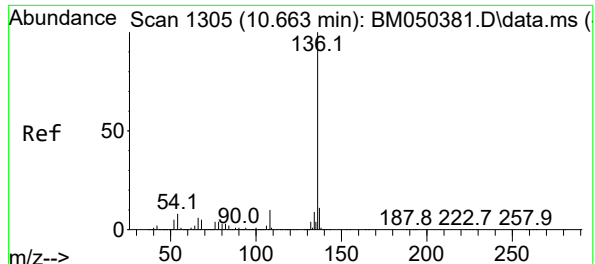
107 100

108 89.7 71.5 111.5

77 34.3 13.7 53.7

79 28.7 8.6 48.6

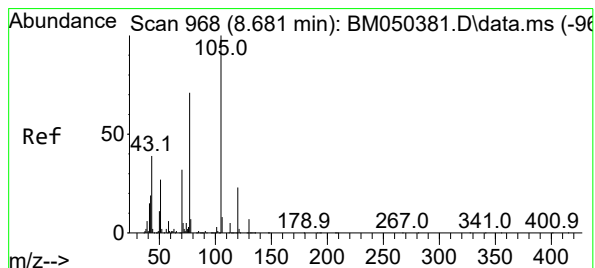
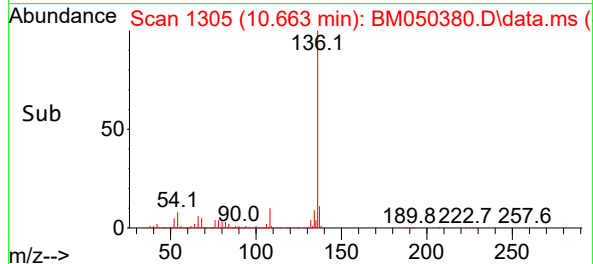
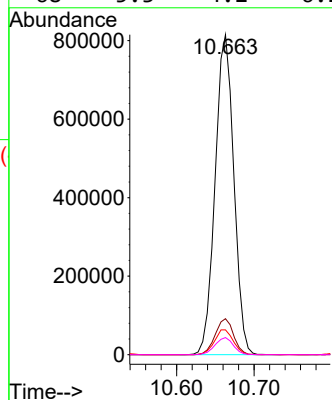
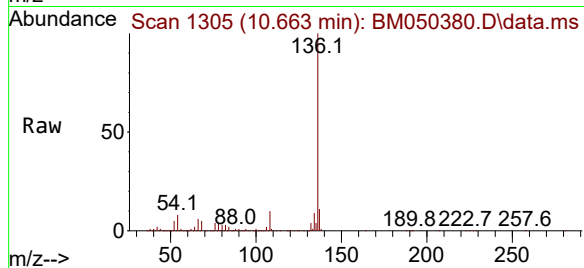




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

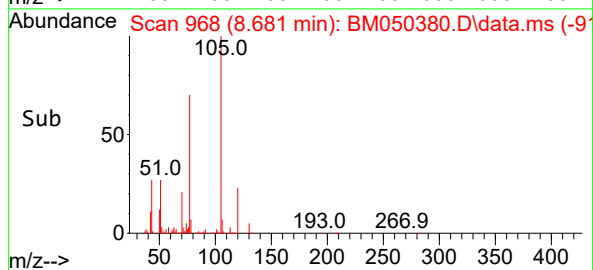
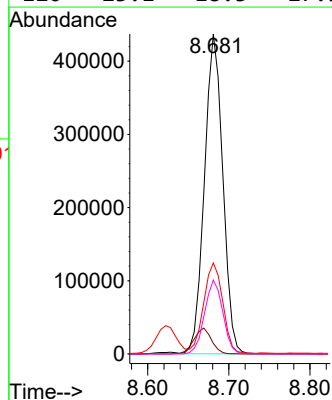
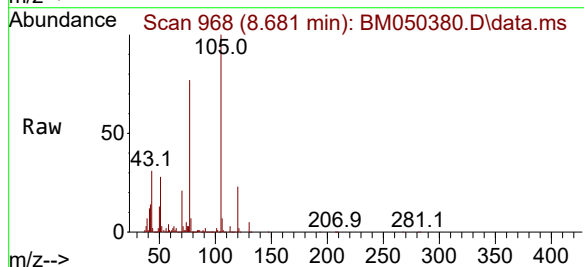
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

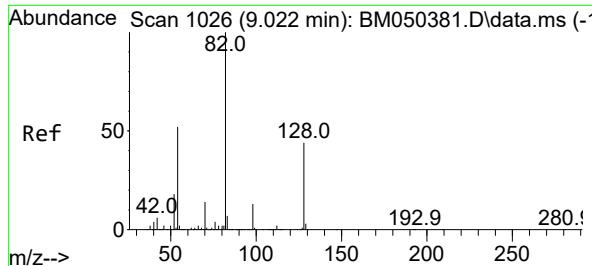
Tgt Ion:136 Resp: 1364913
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 20.046 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:105 Resp: 684104
Ion Ratio Lower Upper
105 100
71 3.3 4.4 6.6#
51 28.4 23.0 34.6
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 39.813 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

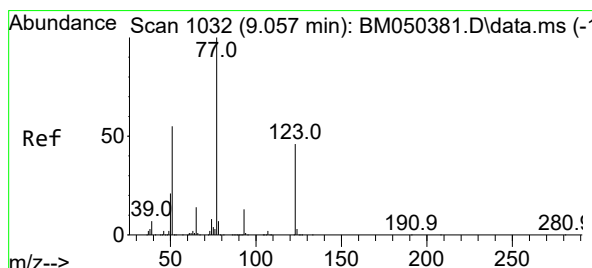
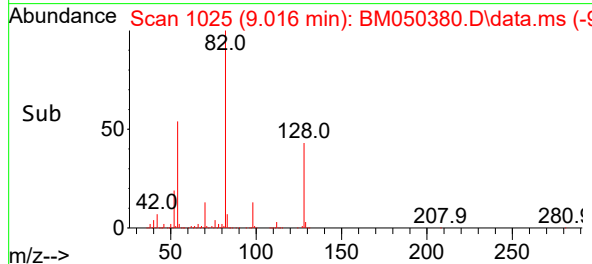
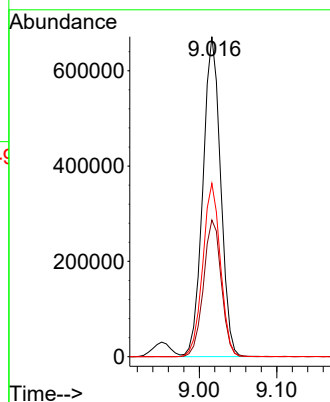
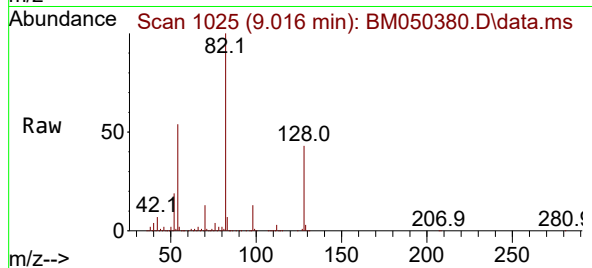
BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 1065139

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	54.1	41.5	62.3



#24

Nitrobenzene

Concen: 20.179 ng

RT: 9.057 min Scan# 1032

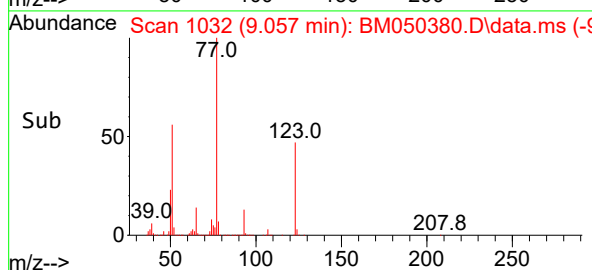
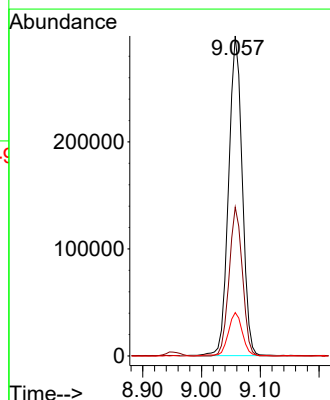
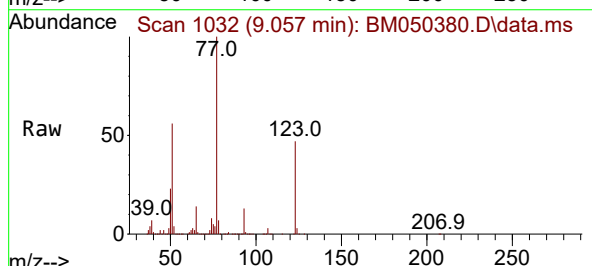
Delta R.T. 0.000 min

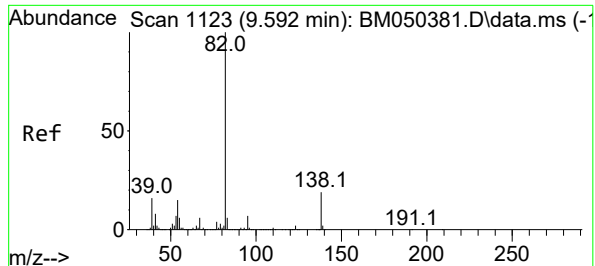
Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion: 77 Resp: 481755

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.6
65	13.5	11.0	16.4





#25

Isophorone

Concen: 19.946 ng

RT: 9.587 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

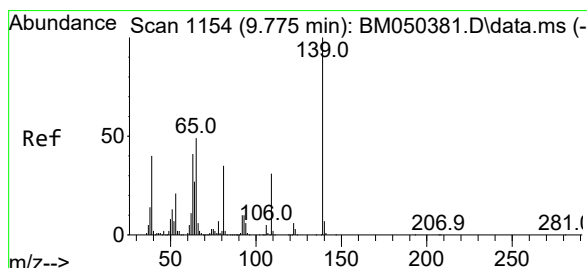
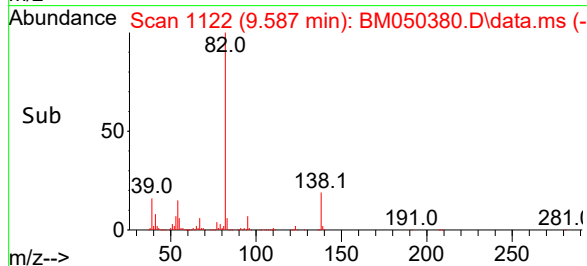
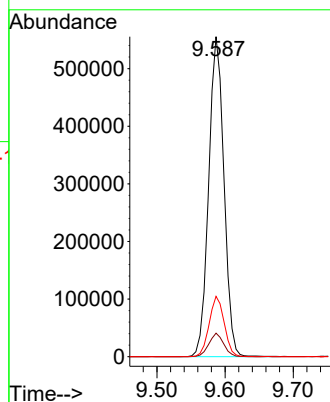
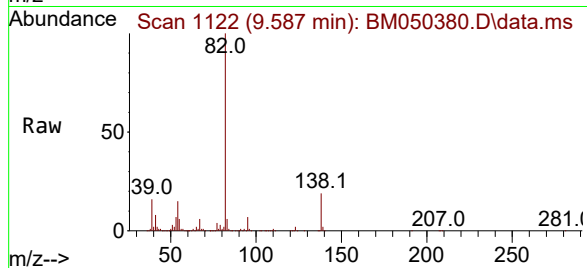
Tgt Ion: 82 Resp: 865912

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 18.8 15.3 22.9



#26

2-Nitrophenol

Concen: 18.532 ng

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

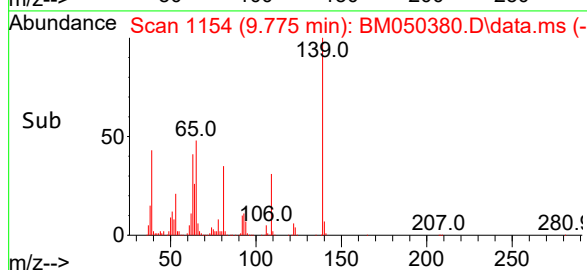
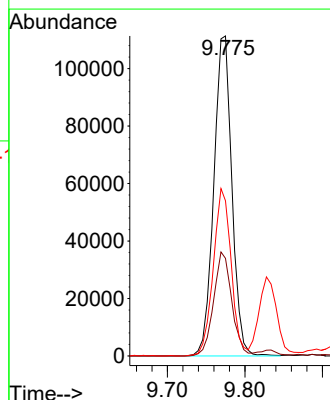
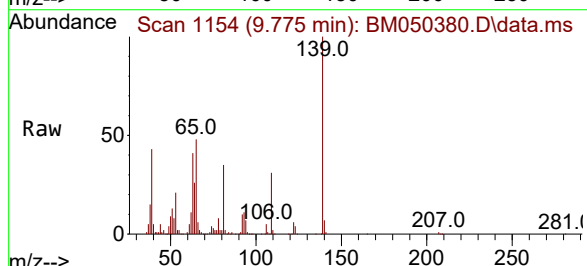
Tgt Ion: 139 Resp: 180315

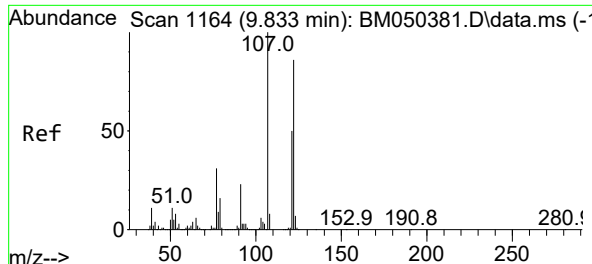
Ion Ratio Lower Upper

139 100

109 30.5 24.6 36.8

65 48.5 39.2 58.8

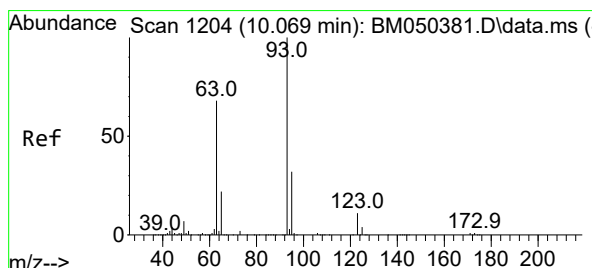
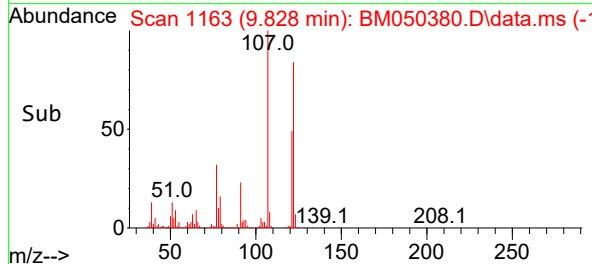
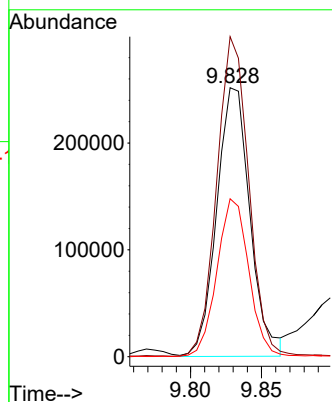
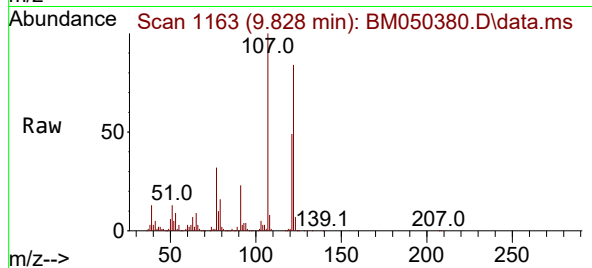




#27
2,4-Dimethylphenol
Concen: 19.828 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

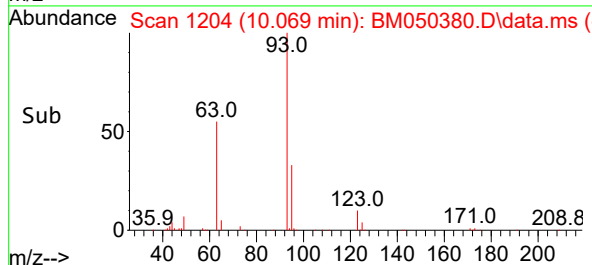
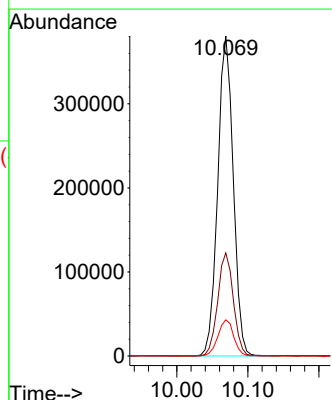
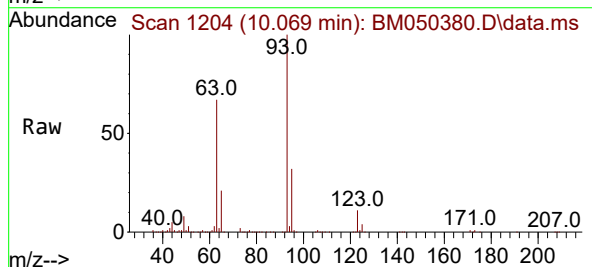
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

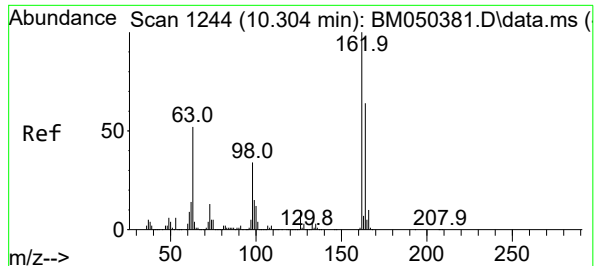
Tgt Ion:122 Resp: 410521
Ion Ratio Lower Upper
122 100
107 119.0 93.0 139.6
121 58.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 20.023 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 575979
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 19.970 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

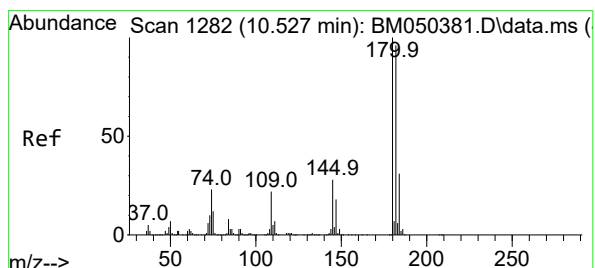
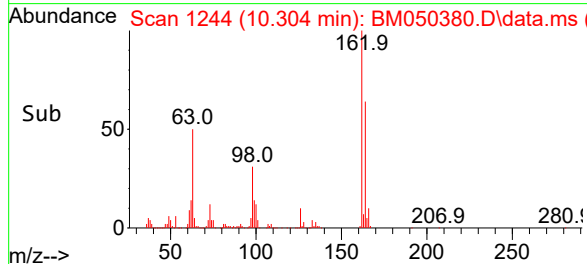
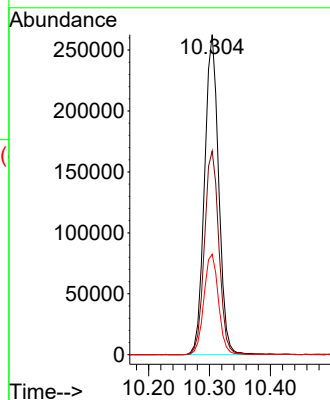
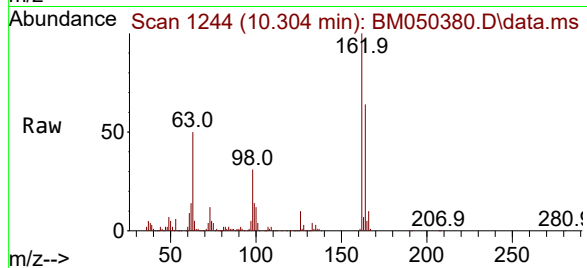
Tgt Ion:162 Resp: 424771

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 31.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 19.769 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

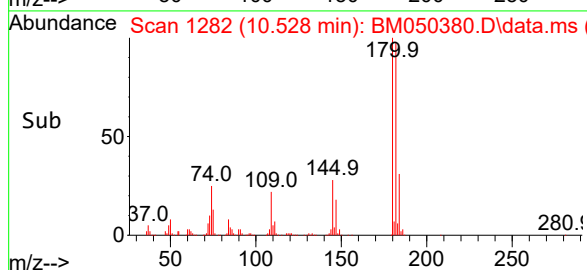
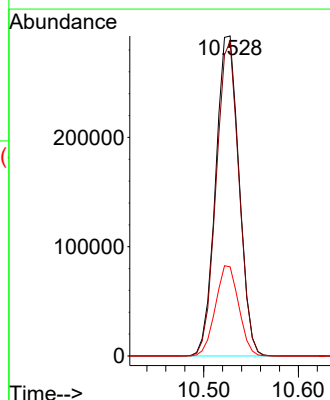
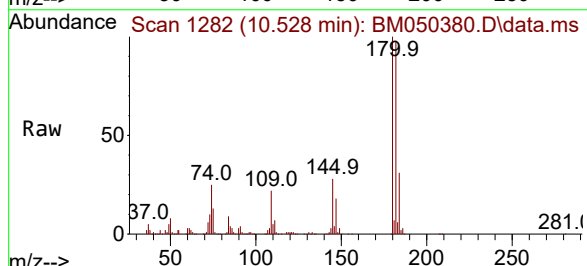
Tgt Ion:180 Resp: 503042

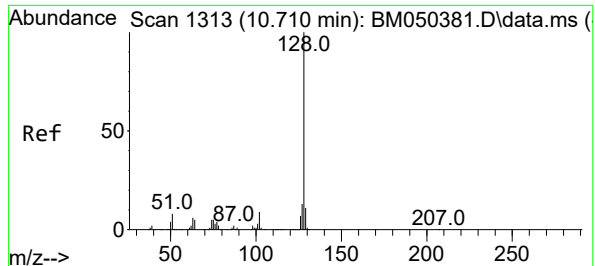
Ion Ratio Lower Upper

180 100

182 98.3 76.8 115.2

145 27.9 22.6 33.8

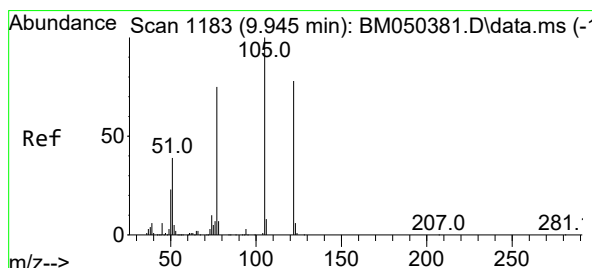
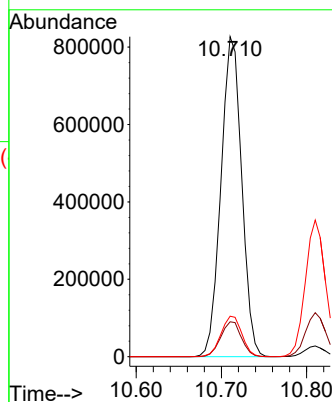
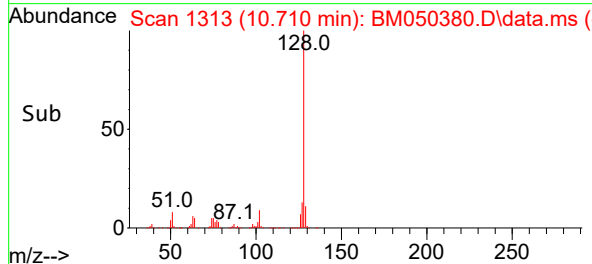
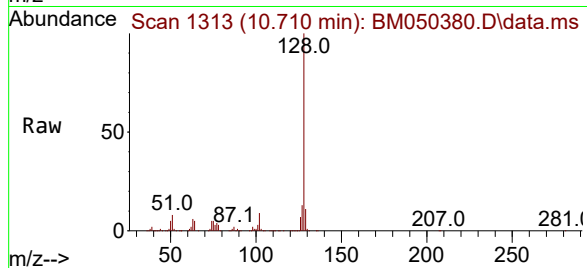




#31
Naphthalene
Concen: 20.160 ng
RT: 10.710 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

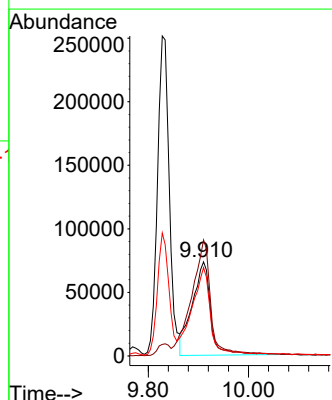
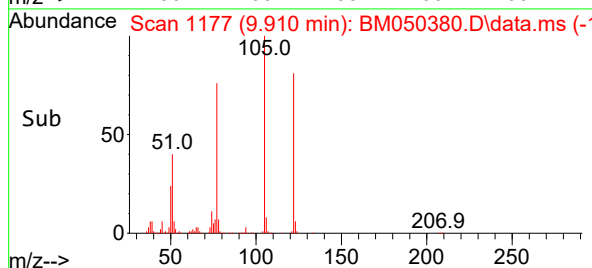
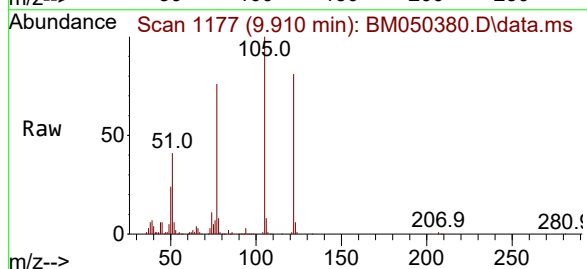
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

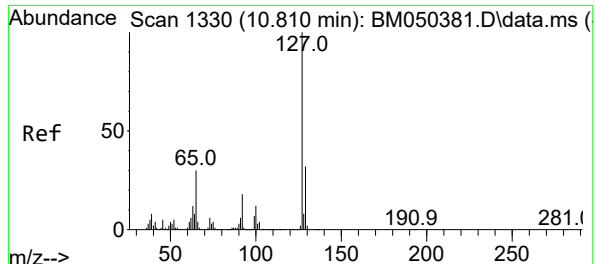
Tgt Ion:128 Resp: 1397680
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 19.011 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:122 Resp: 189237
Ion Ratio Lower Upper
122 100
105 123.3 104.0 144.0
77 93.9 73.8 113.8





#33

4-Chloroaniline

Concen: 19.867 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 582272

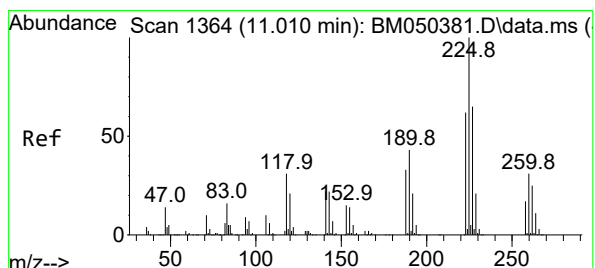
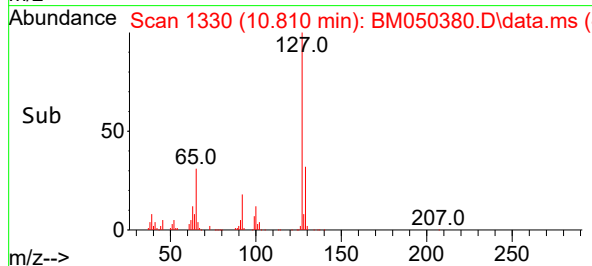
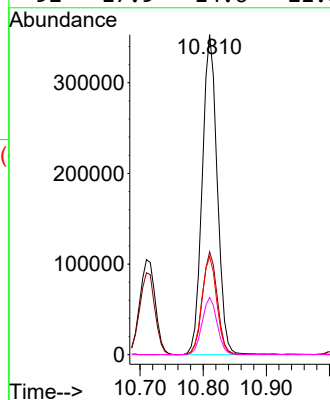
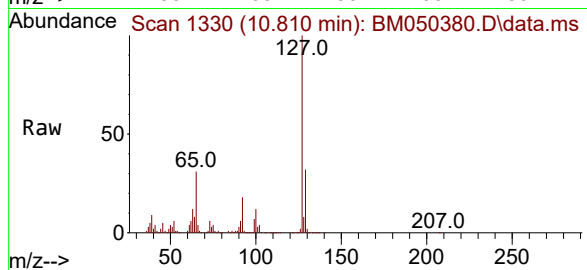
Ion Ratio Lower Upper

127 100

129 32.2 25.5 38.3

65 30.7 23.9 35.9

92 17.9 14.6 21.8



#34

Hexachlorobutadiene

Concen: 19.552 ng

RT: 11.010 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

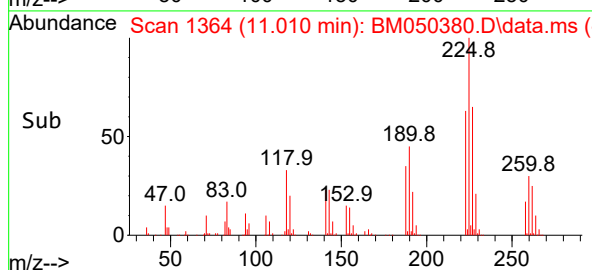
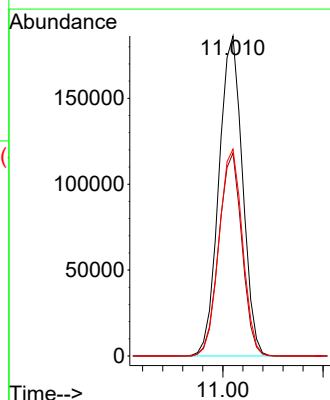
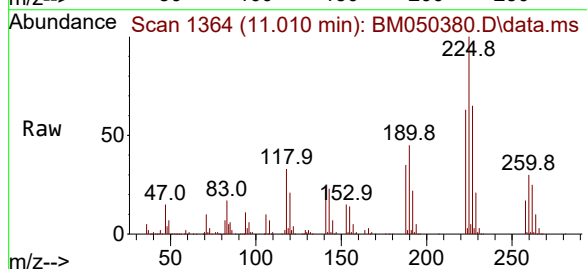
Tgt Ion:225 Resp: 303657

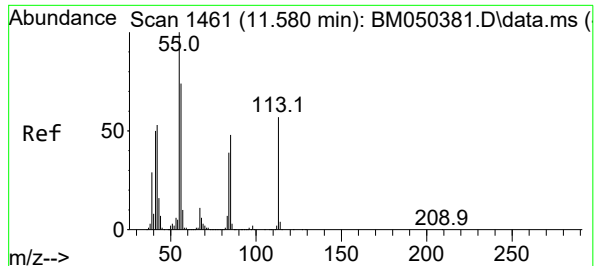
Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

227 64.7 52.1 78.1

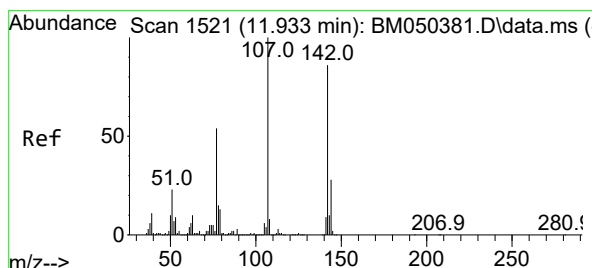
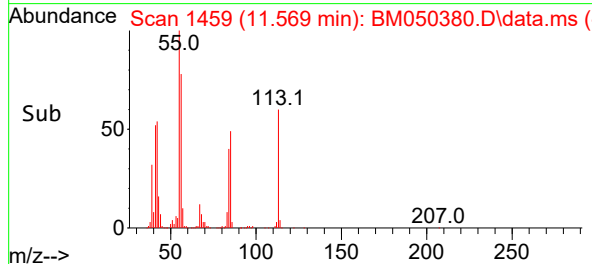
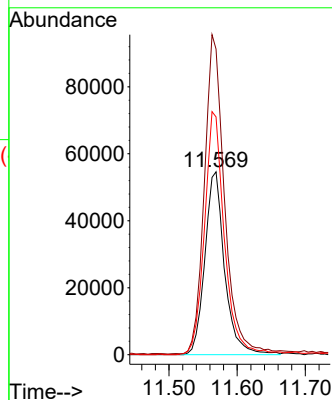
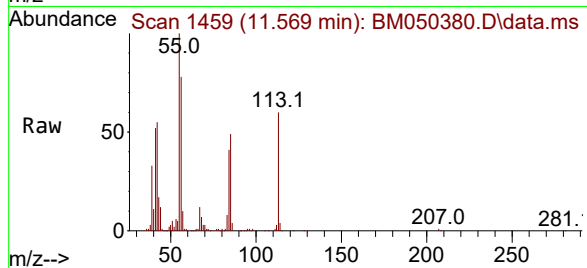




#35
Caprolactam
Concen: 18.951 ng
RT: 11.569 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

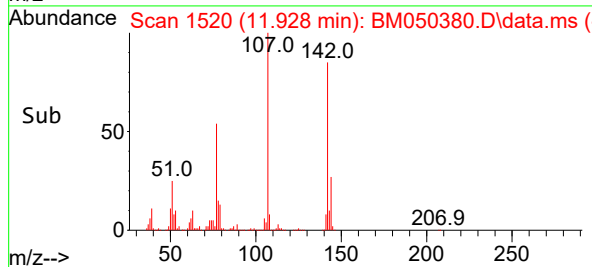
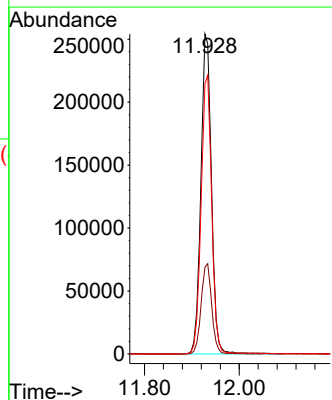
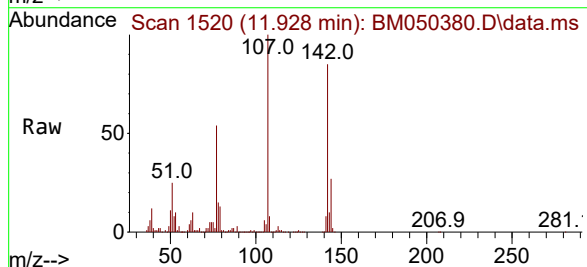
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

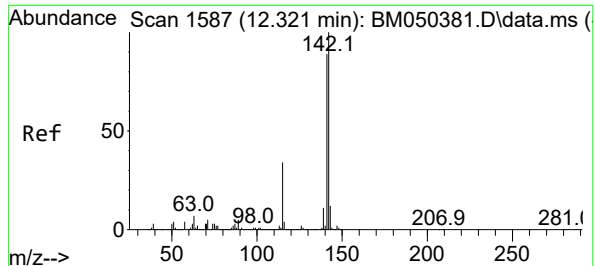
Tgt Ion:113 Resp: 110042
Ion Ratio Lower Upper
113 100
55 167.1 157.2 197.2
56 130.0 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 19.804 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 393366
Ion Ratio Lower Upper
107 100
144 27.2 22.2 33.4
142 84.5 68.7 103.1

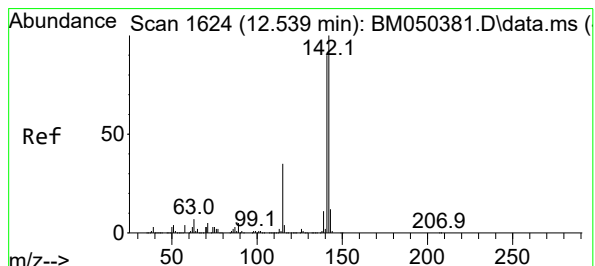
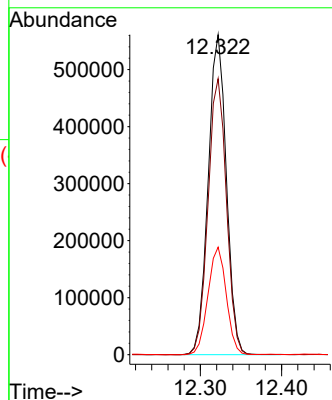
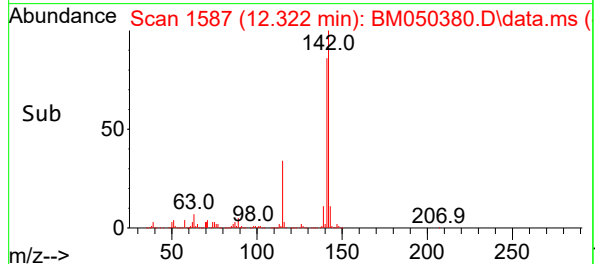
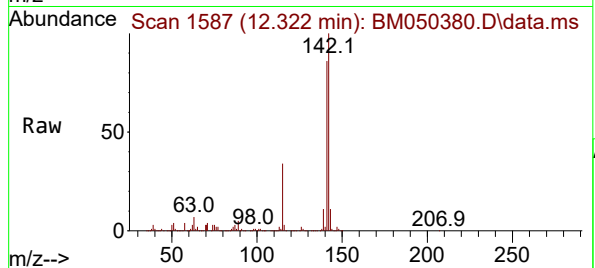




#37
2-Methylnaphthalene
Concen: 19.906 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

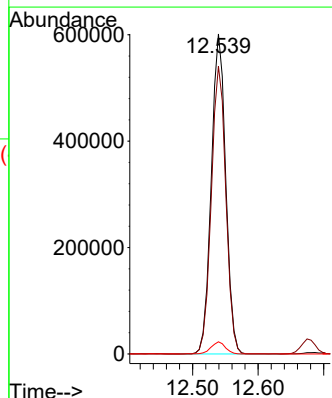
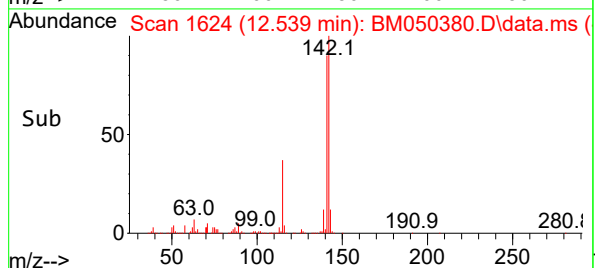
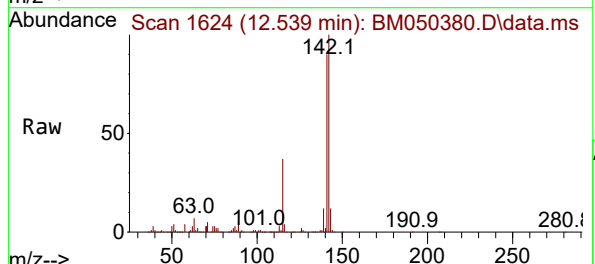
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

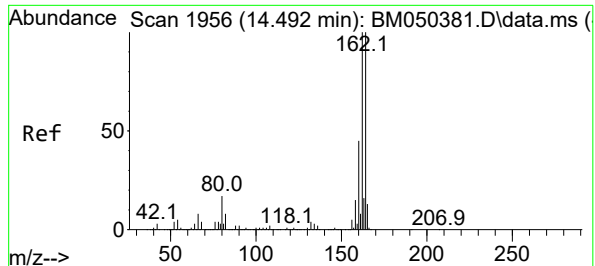
Tgt Ion:142 Resp: 871365
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2
115 33.6 27.0 40.4



#38
1-Methylnaphthalene
Concen: 19.872 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:142 Resp: 920592
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

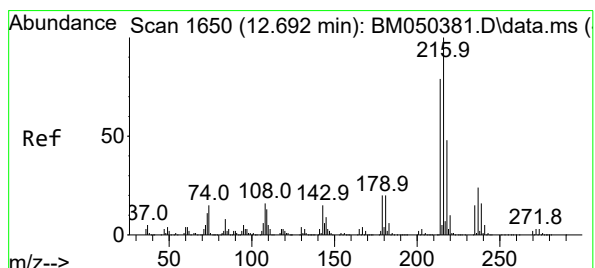
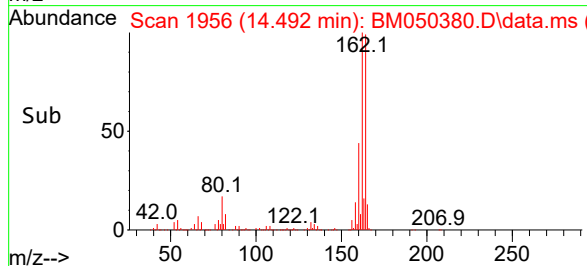
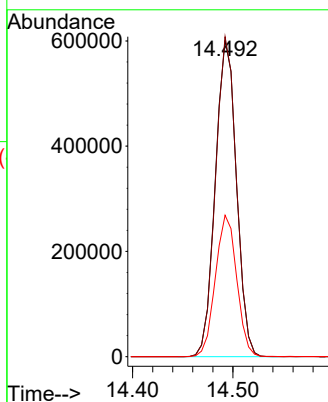
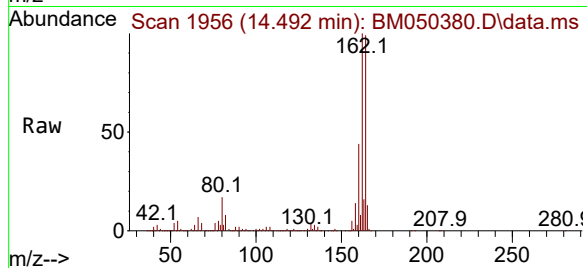
Tgt Ion:164 Resp: 879171

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.205 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion:216 Resp: 536934

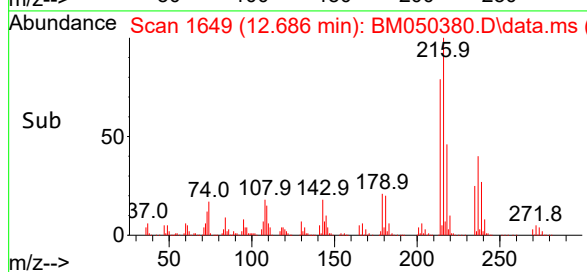
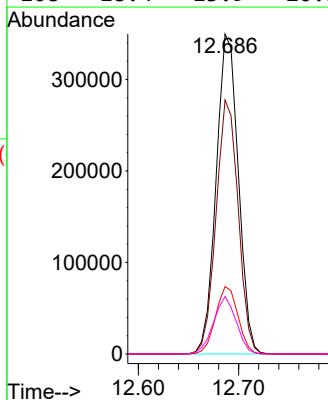
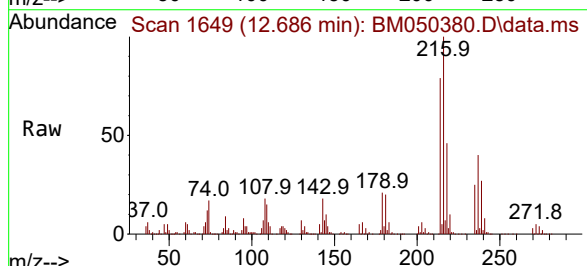
Ion Ratio Lower Upper

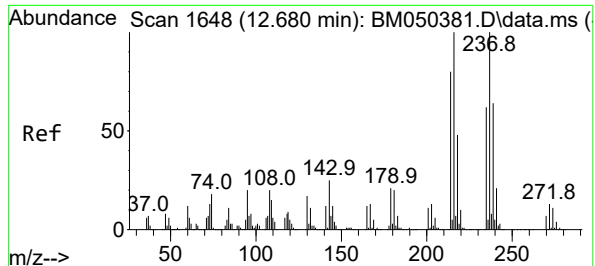
216 100

214 79.1 63.3 94.9

179 21.3 16.4 24.6

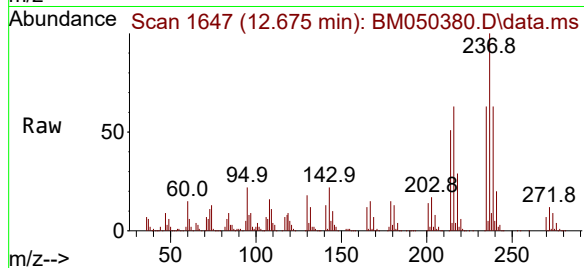
108 18.4 13.9 20.9



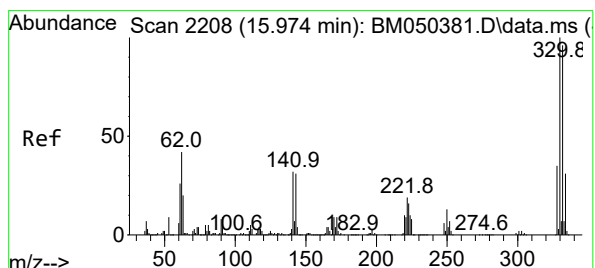
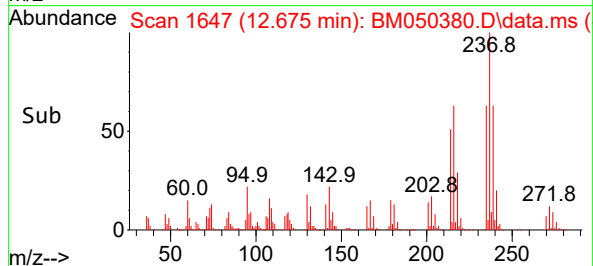
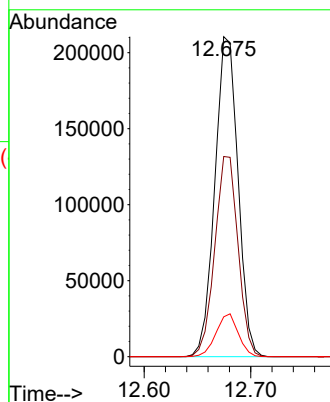


#41
Hexachlorocyclopentadiene
Concen: 17.766 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

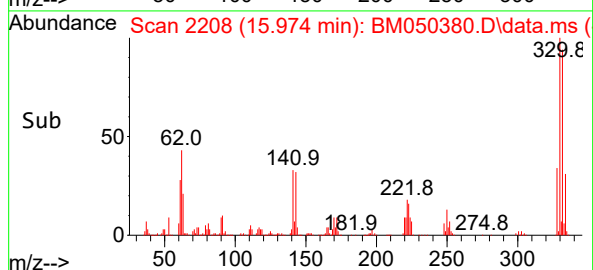
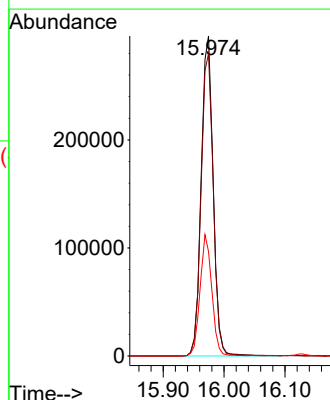
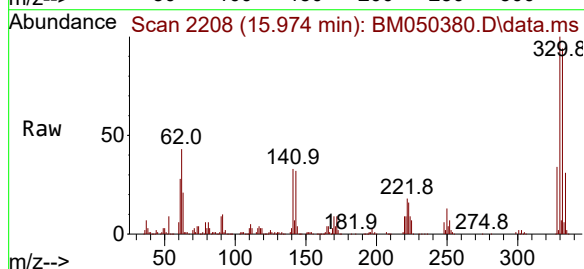


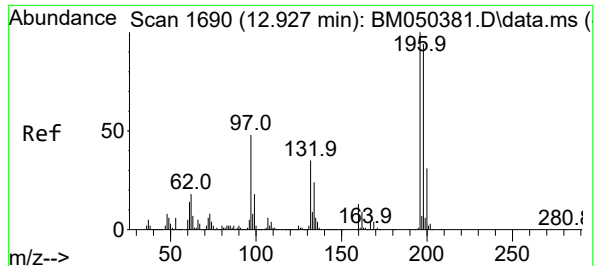
Tgt Ion:237 Resp: 317506
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 12.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 37.846 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:330 Resp: 404270
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 37.3 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 19.263 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

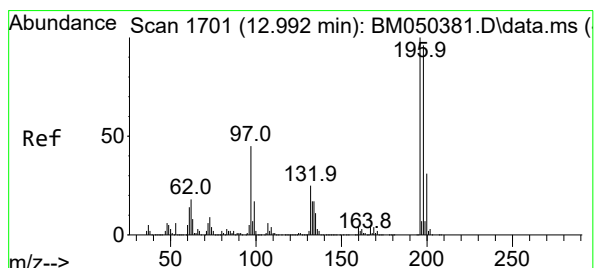
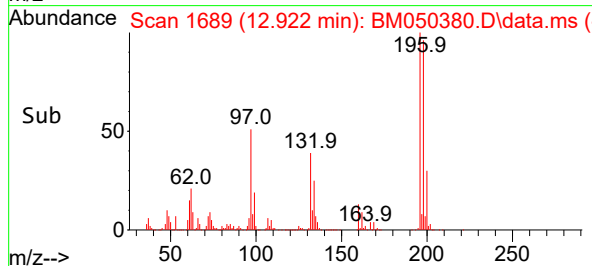
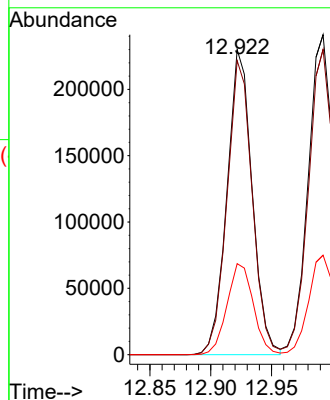
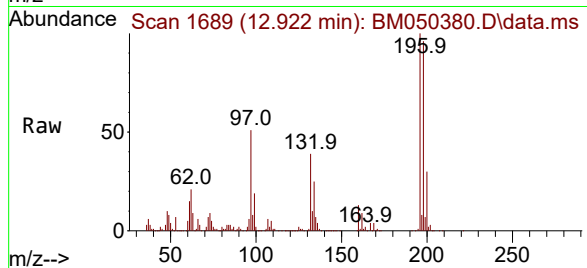
Tgt Ion:196 Resp: 331504

Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

200 29.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 19.408 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion:196 Resp: 364770

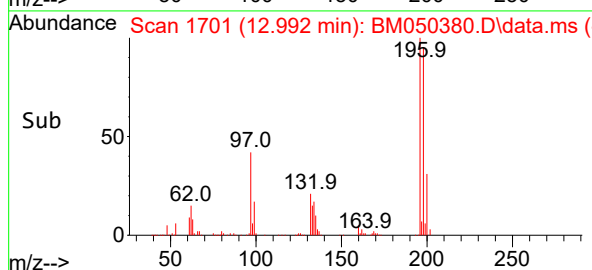
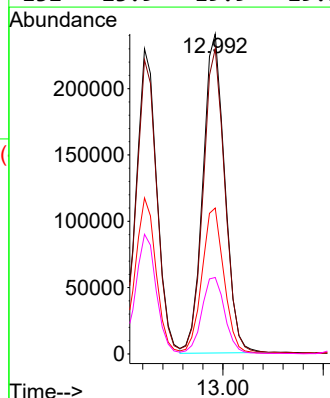
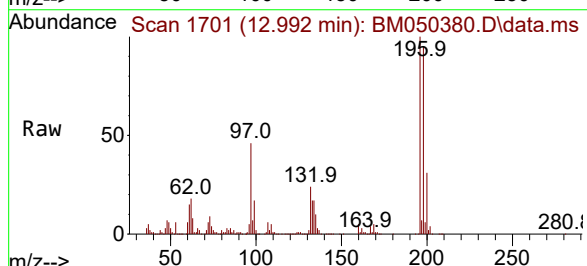
Ion Ratio Lower Upper

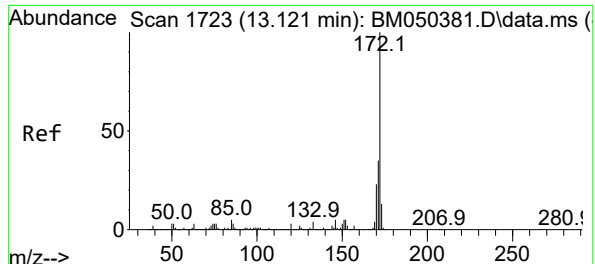
196 100

198 95.4 77.2 115.8

97 45.6 36.2 54.4

132 23.9 19.9 29.9

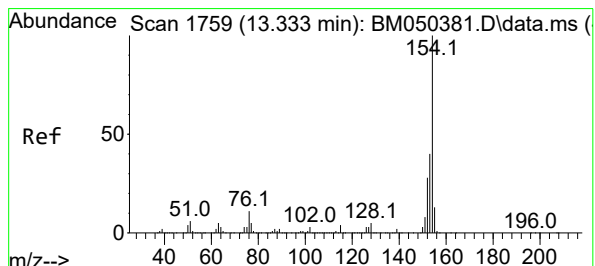
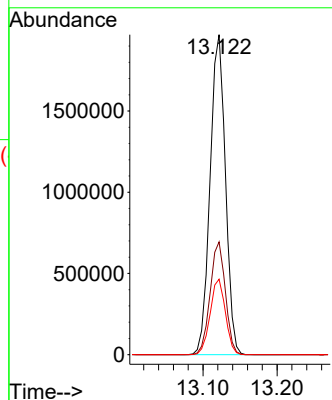
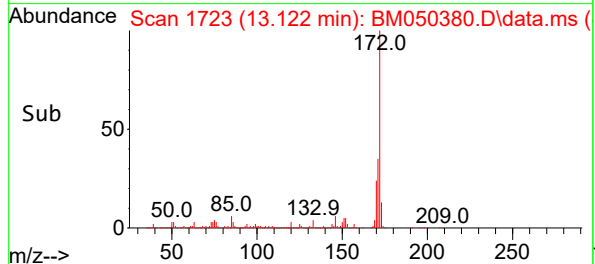
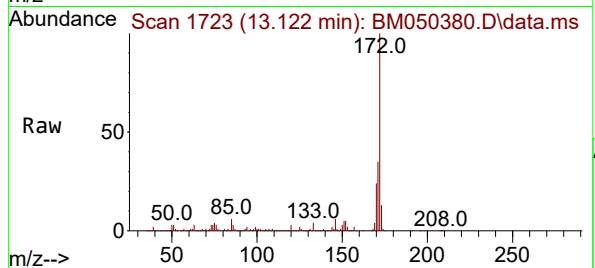




#45
2-Fluorobiphenyl
Concen: 39.780 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

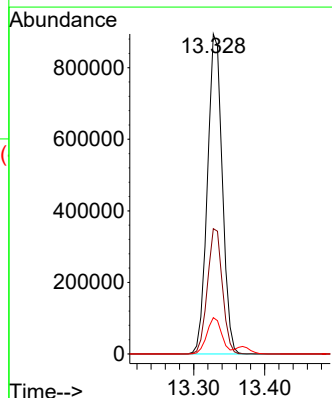
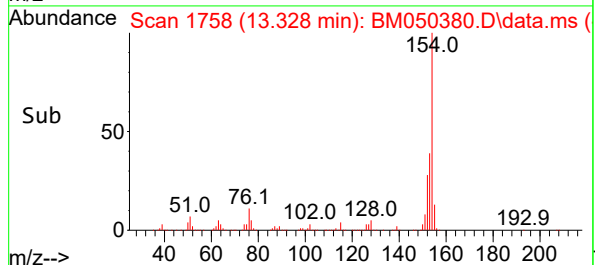
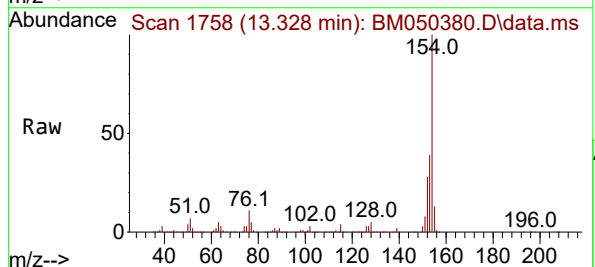
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

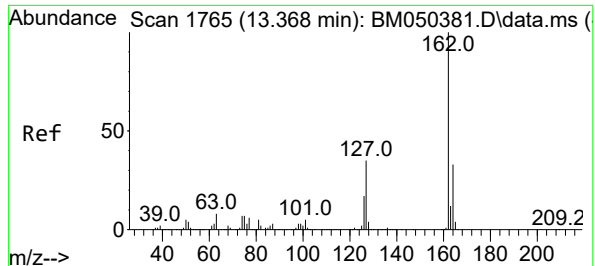
Tgt Ion:172 Resp: 2831991
Ion Ratio Lower Upper
172 100
171 35.2 27.7 41.5
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 19.936 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 1300397
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 11.4 0.0 30.9





#47

2-Chloronaphthalene

Concen: 20.066 ng

RT: 13.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

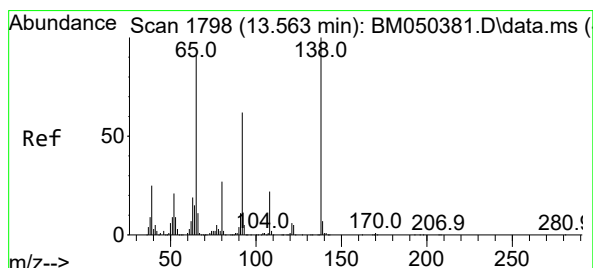
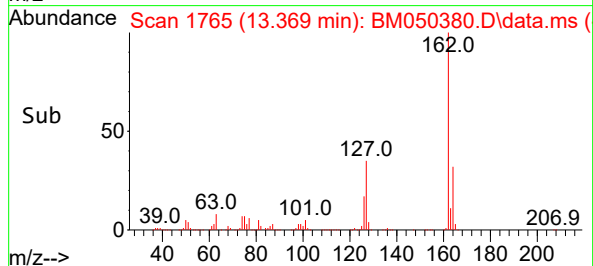
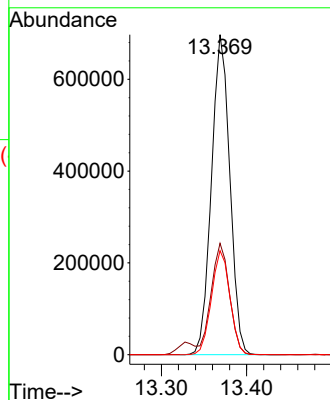
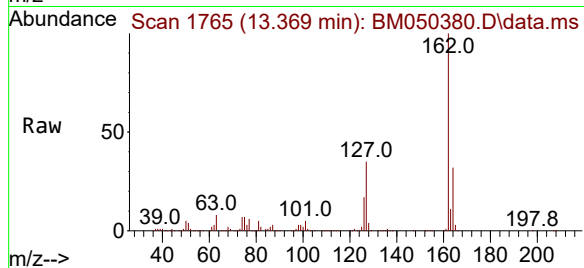
Tgt Ion:162 Resp: 1043593

Ion Ratio Lower Upper

162 100

127 34.8 28.3 42.5

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 19.132 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

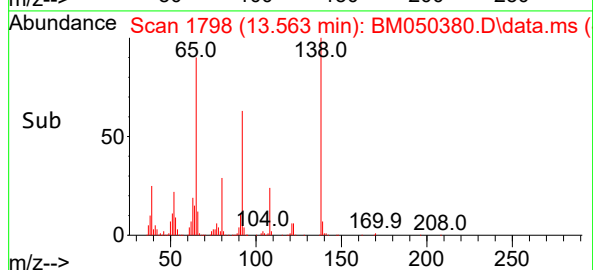
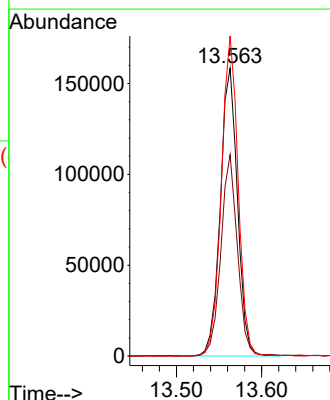
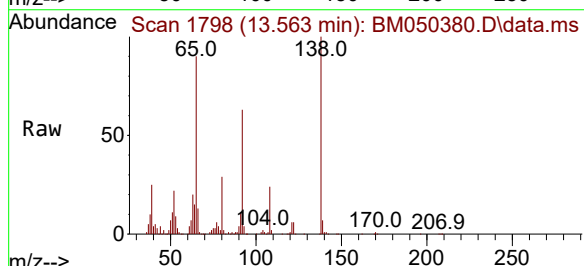
Tgt Ion: 65 Resp: 222094

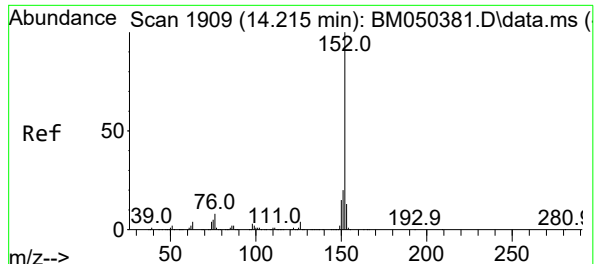
Ion Ratio Lower Upper

65 100

92 69.9 54.3 81.5

138 111.1 87.8 131.6





#49

Acenaphthylene

Concen: 20.078 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

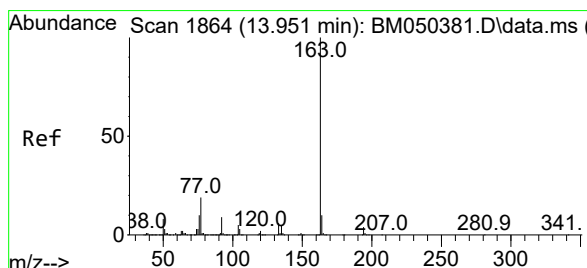
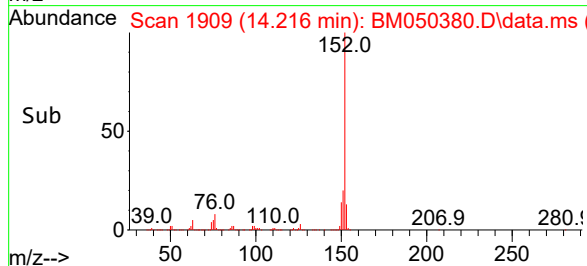
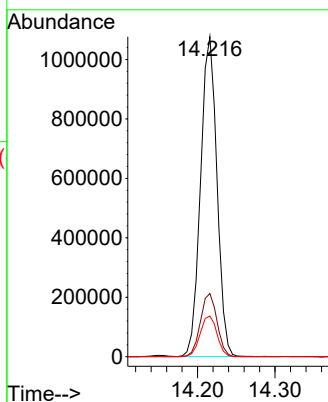
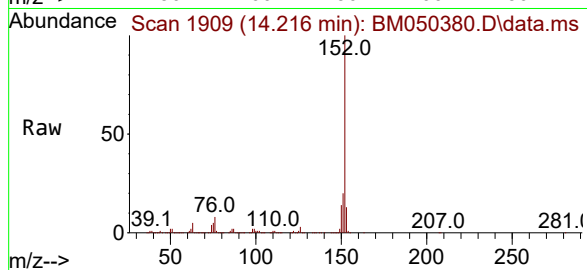
Tgt Ion:152 Resp: 1578057

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

153 12.7 10.6 15.8



#50

Dimethylphthalate

Concen: 19.873 ng

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

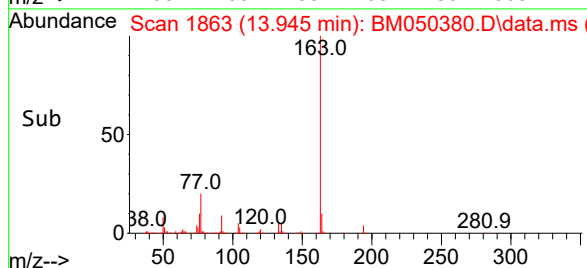
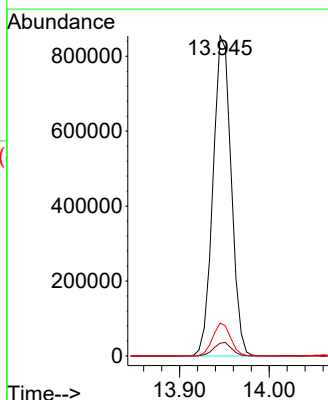
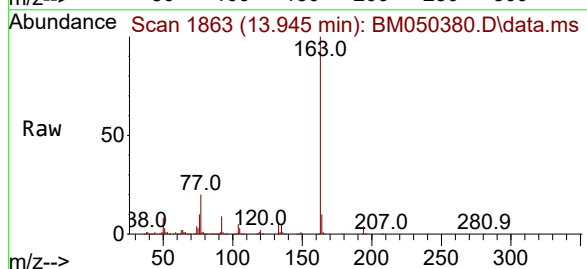
Tgt Ion:163 Resp: 1202901

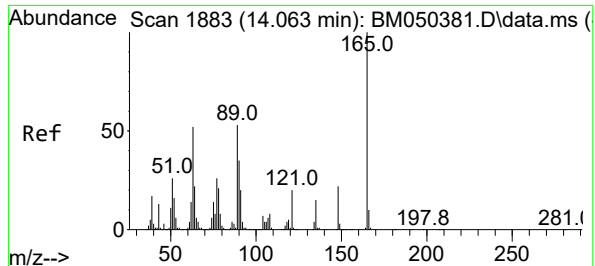
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 19.889 ng

RT: 14.057 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

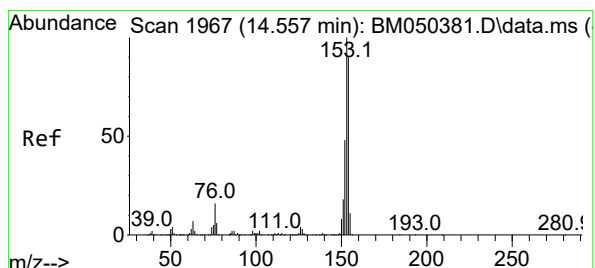
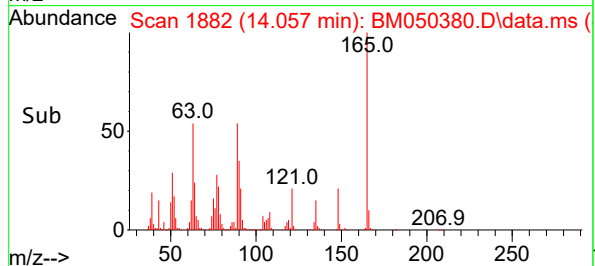
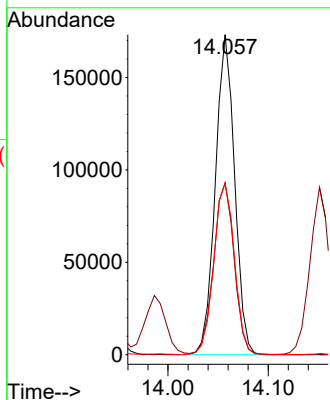
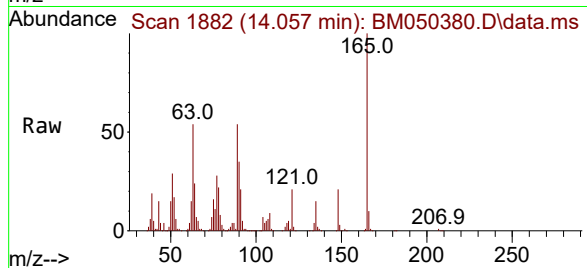
Tgt Ion:165 Resp: 231144

Ion Ratio Lower Upper

165 100

63 53.6 42.4 63.6

89 53.7 42.2 63.2



#52

Acenaphthene

Concen: 19.816 ng

RT: 14.557 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

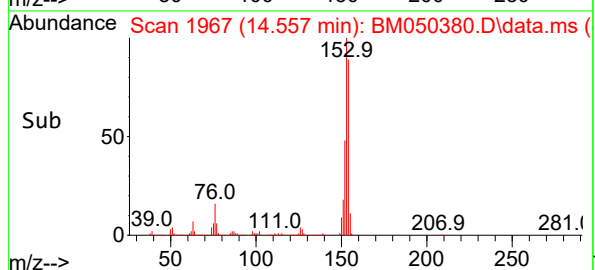
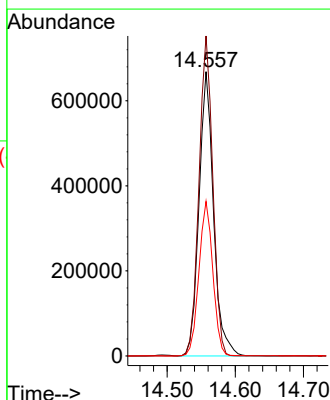
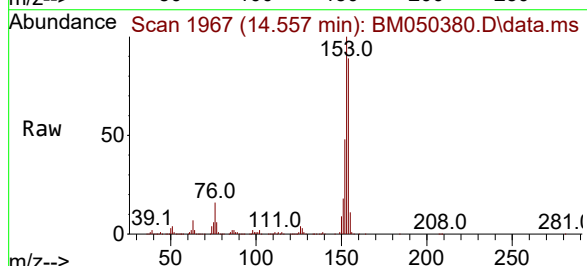
Tgt Ion:154 Resp: 990178

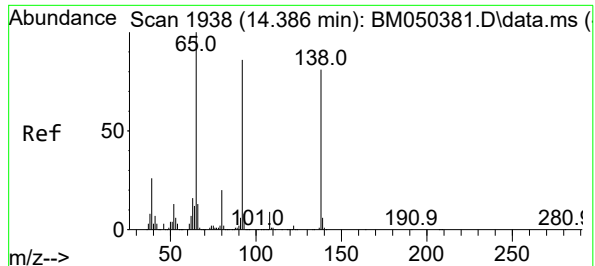
Ion Ratio Lower Upper

154 100

153 112.5 89.2 133.8

152 54.3 42.6 64.0





#53

3-Nitroaniline

Concen: 19.779 ng

RT: 14.380 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

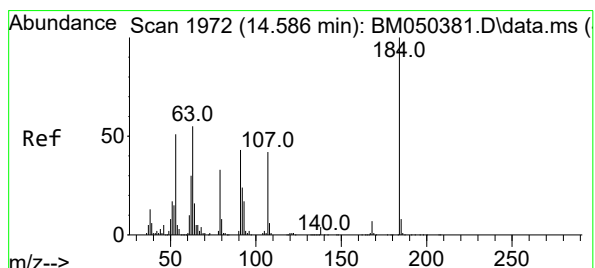
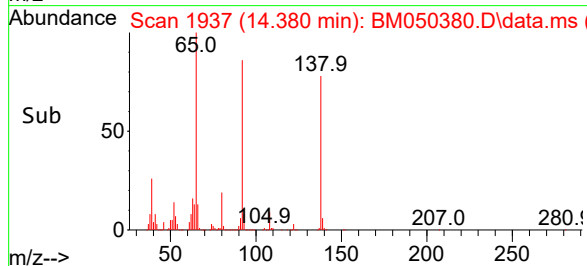
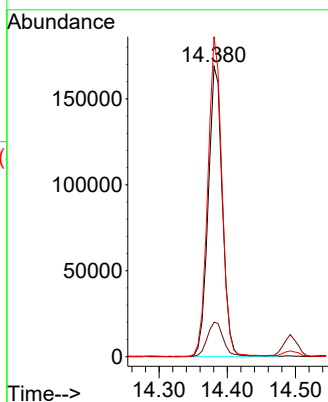
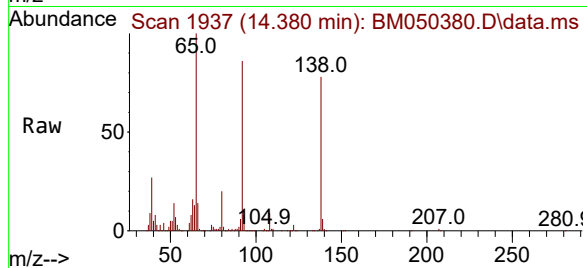
Tgt Ion:138 Resp: 244460

Ion Ratio Lower Upper

138 100

108 11.8 8.8 13.2

92 110.3 85.0 127.6



#54

2,4-Dinitrophenol

Concen: 18.641 ng

RT: 14.586 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

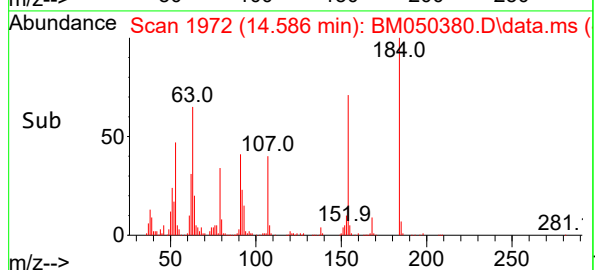
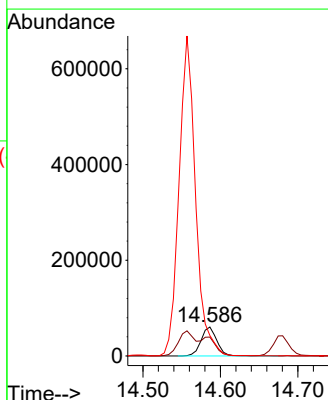
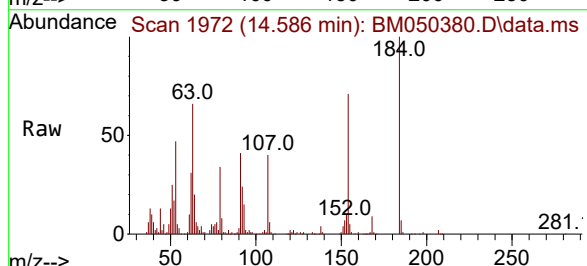
Tgt Ion:184 Resp: 85284

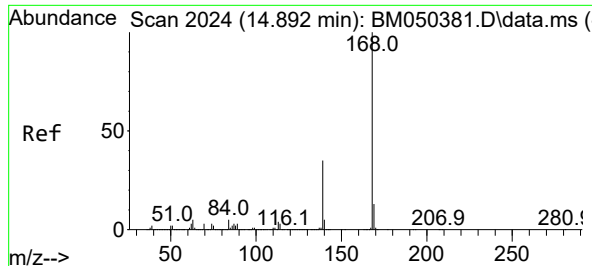
Ion Ratio Lower Upper

184 100

63 65.5 53.4 80.0

154 71.0 61.6 92.4

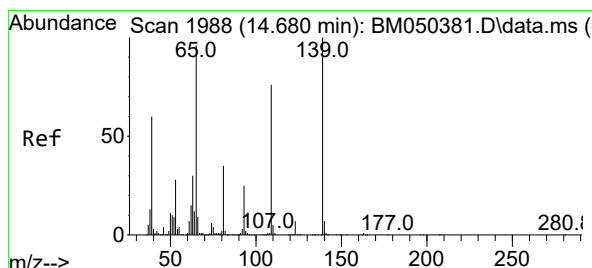
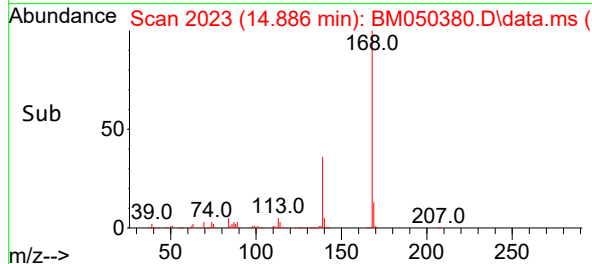
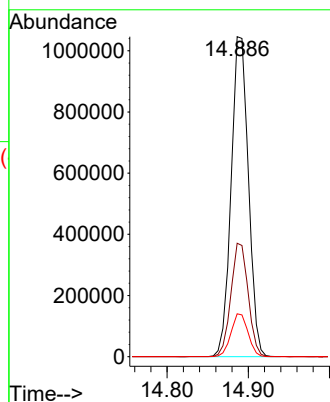
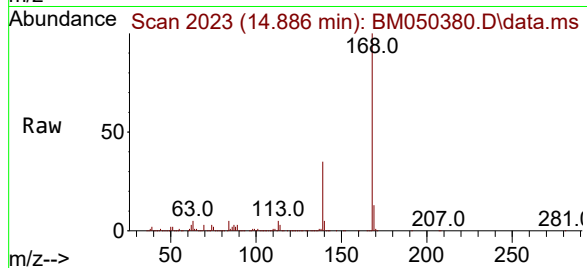




#55
Dibenzenofuran
Concen: 20.048 ng
RT: 14.886 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

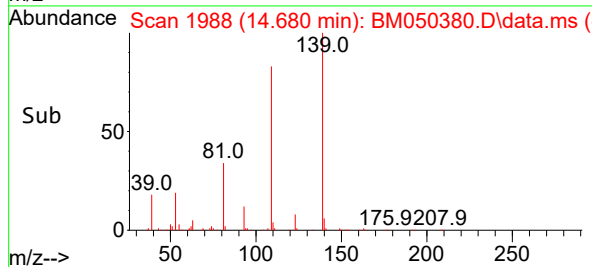
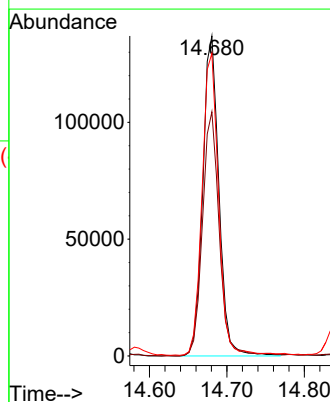
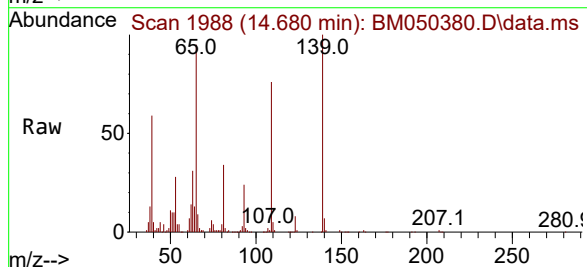
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

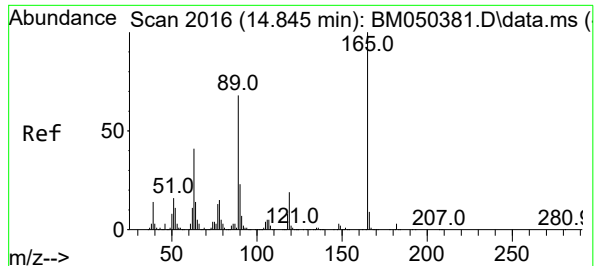
Tgt Ion:168 Resp: 1543545
Ion Ratio Lower Upper
168 100
139 35.5 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 18.644 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 198160
Ion Ratio Lower Upper
139 100
109 76.3 56.5 96.5
65 94.6 76.4 116.4

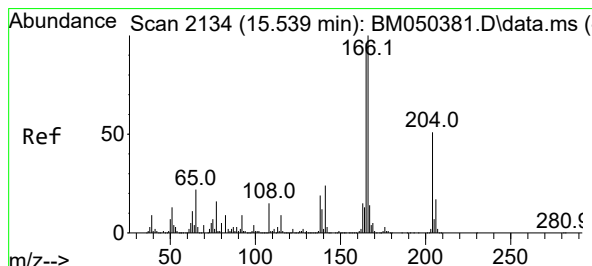
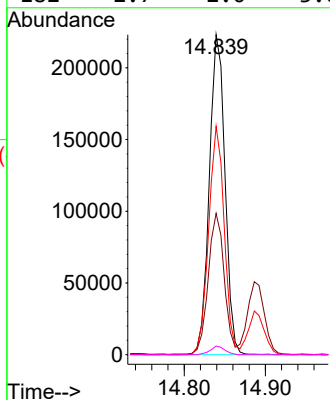
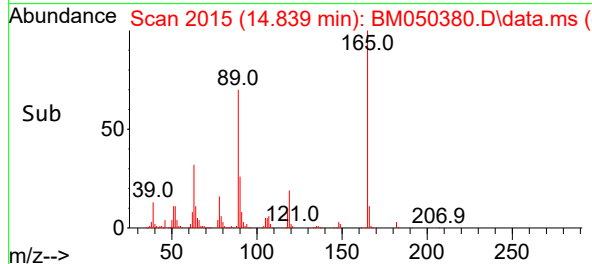
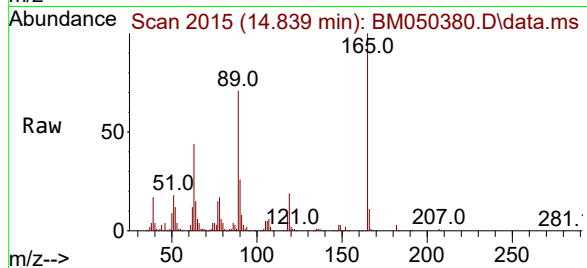




#57
2,4-Dinitrotoluene
Concen: 18.935 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

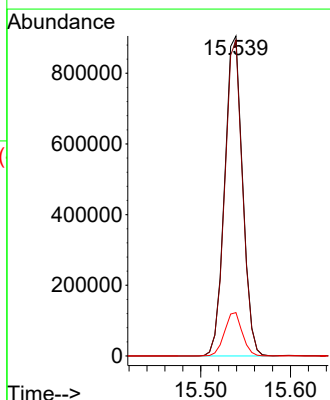
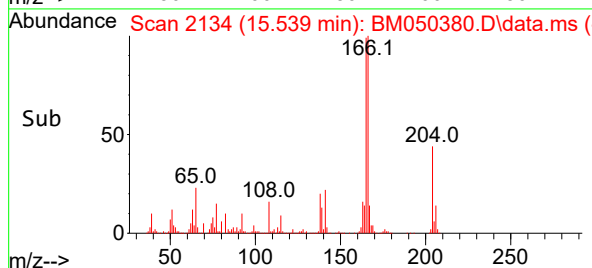
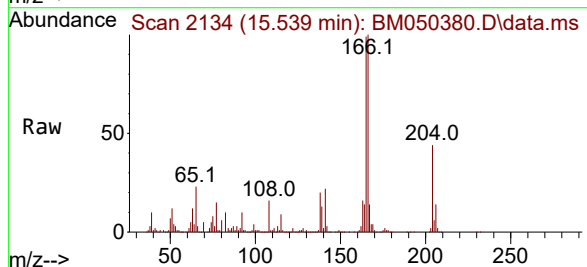
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

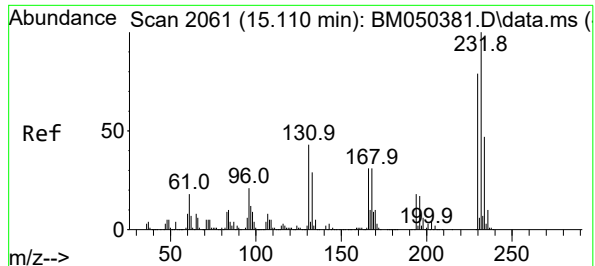
Tgt Ion:165 Resp: 299004
Ion Ratio Lower Upper
165 100
63 44.1 32.5 48.7
89 71.4 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 19.803 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:166 Resp: 1255879
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.6
167 13.6 10.9 16.3

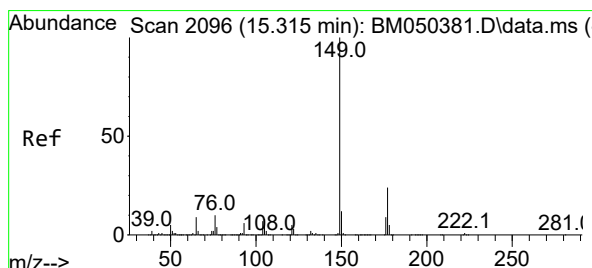
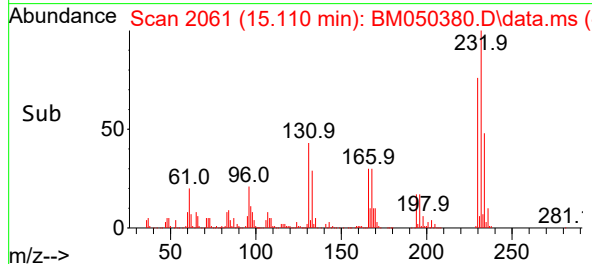
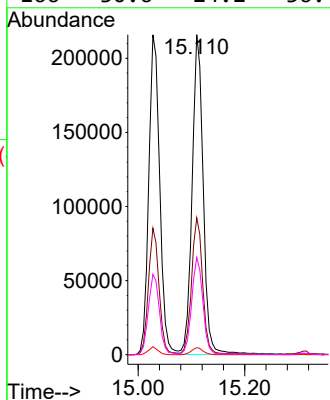
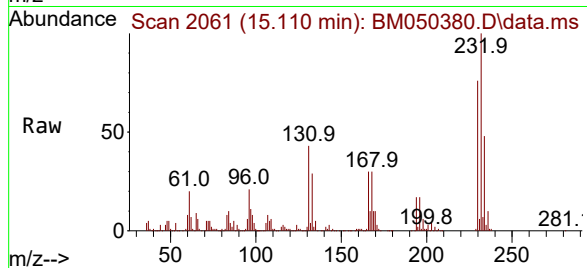




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.733 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

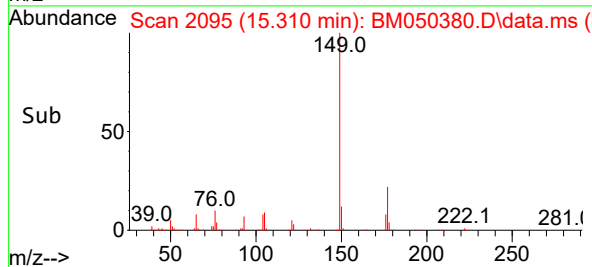
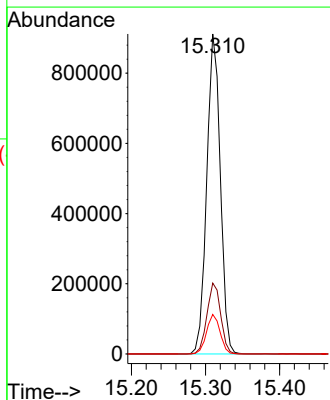
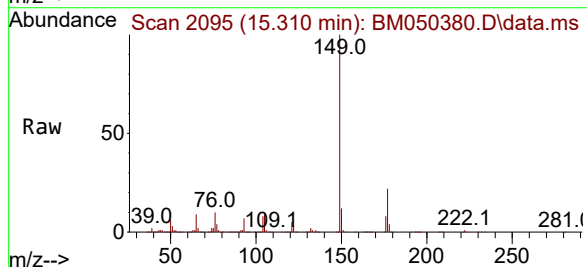
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

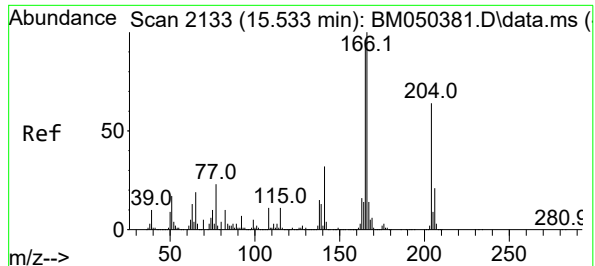
Tgt Ion:232 Resp: 312205
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.3 1.8 2.6
166 30.6 24.2 36.4



#60
Diethylphthalate
Concen: 20.055 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1159537
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 12.4 9.8 14.8

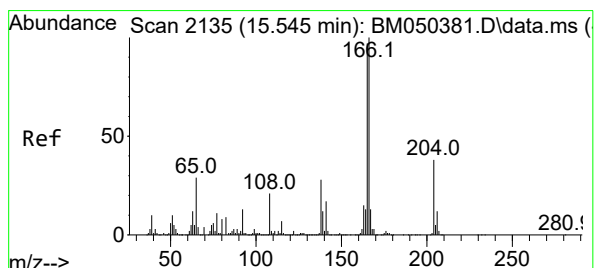
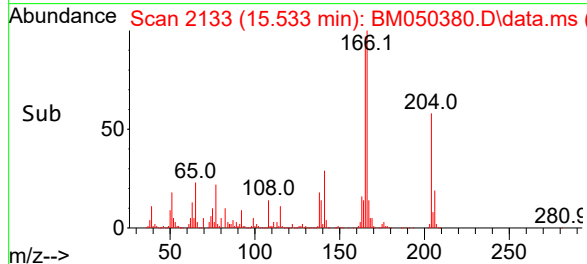
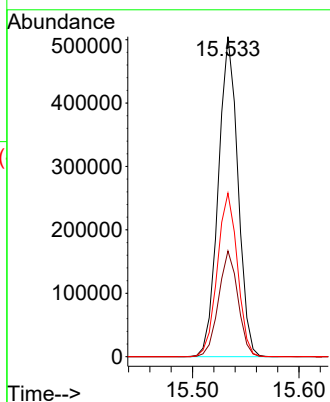
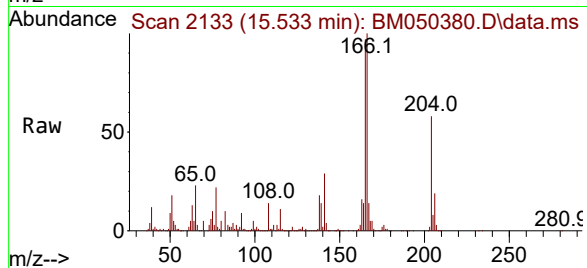




#61
4-Chlorophenyl-phenylether
Concen: 19.428 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

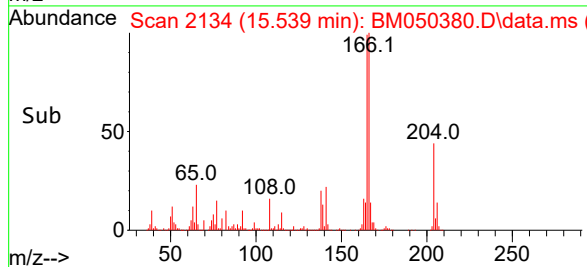
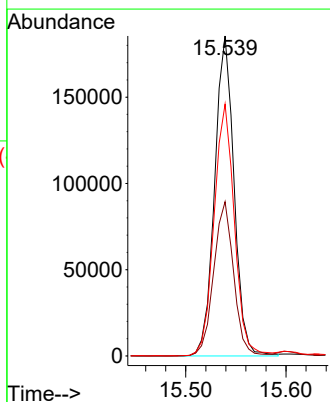
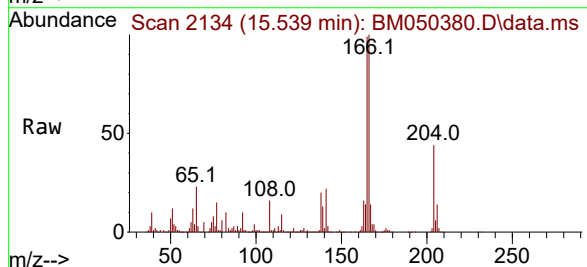
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

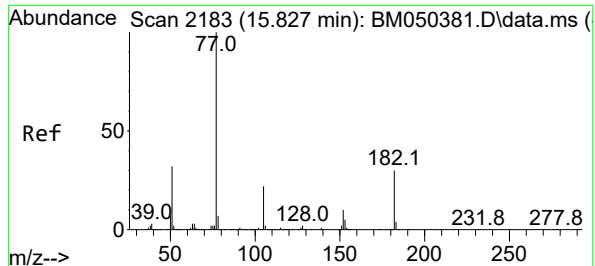
Tgt Ion:204 Resp: 644238
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 51.1 39.9 59.9



#62
4-Nitroaniline
Concen: 19.209 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:138 Resp: 249635
Ion Ratio Lower Upper
138 100
92 48.2 24.5 64.5
108 78.7 52.5 92.5

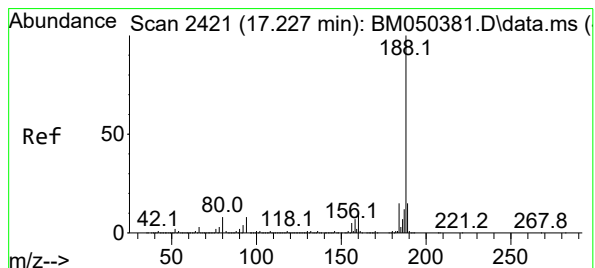
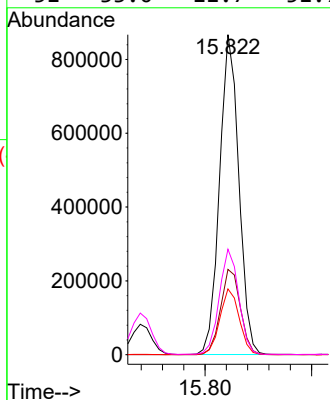
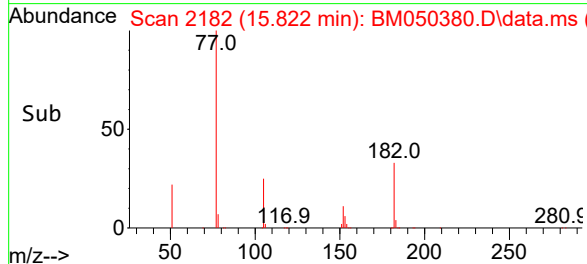
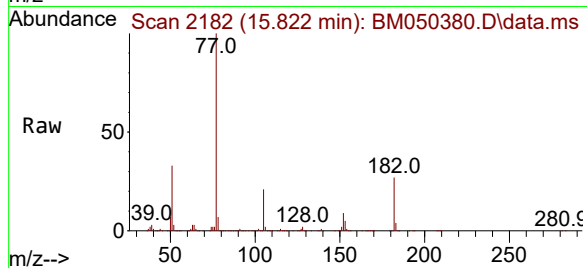




#63
Azobenzene
Concen: 20.436 ng
RT: 15.822 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

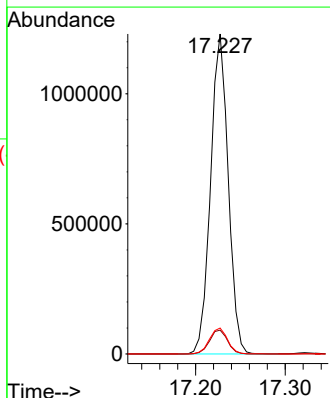
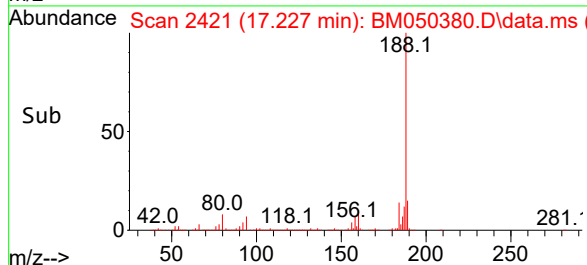
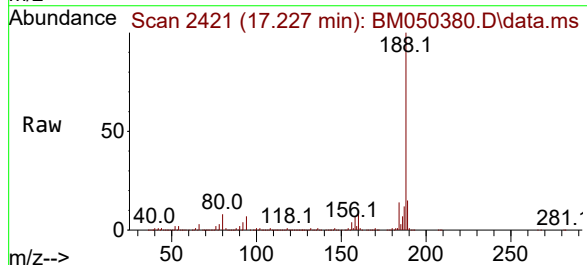
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

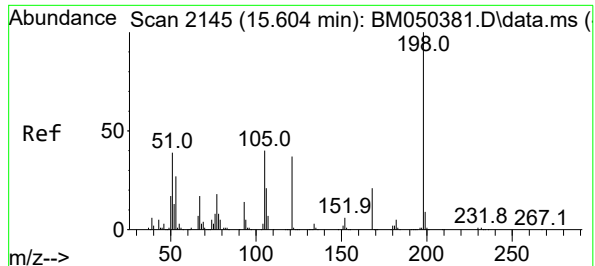
Tgt Ion: 77 Resp: 1085005
Ion Ratio Lower Upper
77 100
182 26.7 10.0 50.0
105 20.6 2.0 42.0
51 33.0 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 188 Resp: 1676151
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.1 6.5 9.7

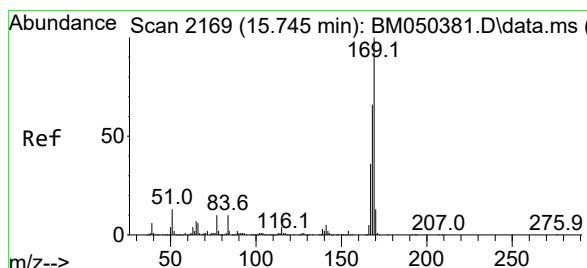
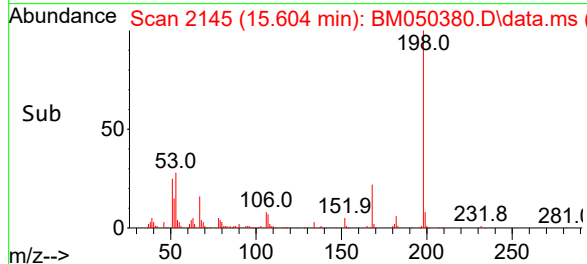
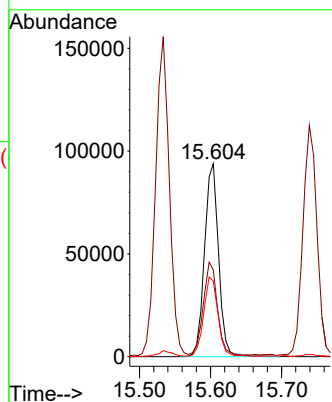
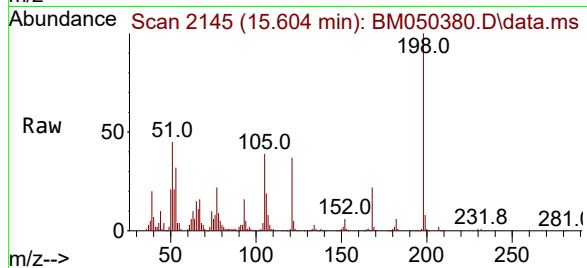




#65
4,6-Dinitro-2-methylphenol
Concen: 18.758 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

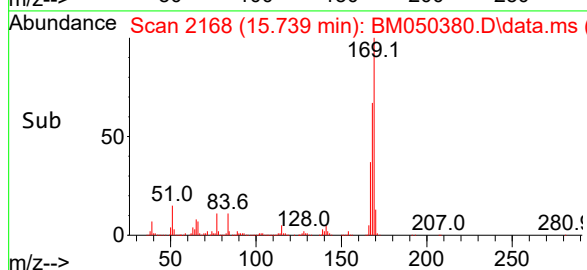
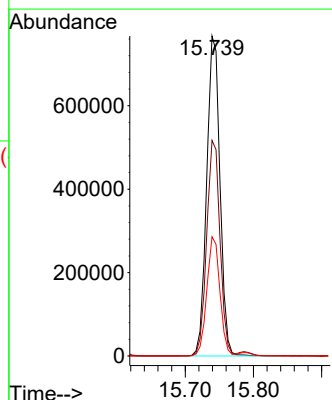
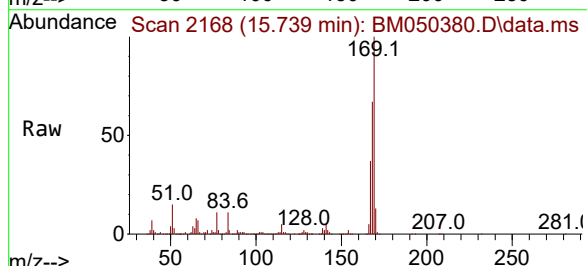
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

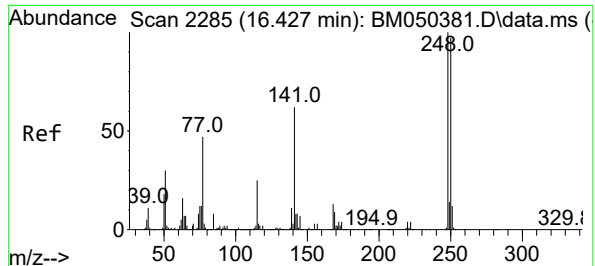
Tgt Ion:198 Resp: 129223
Ion Ratio Lower Upper
198 100
51 44.9 26.6 66.6
105 39.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 19.819 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:169 Resp: 1039509
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 37.3 28.7 43.1

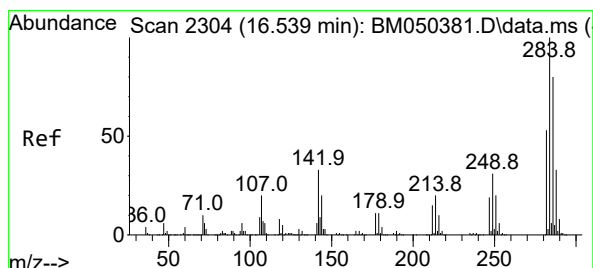
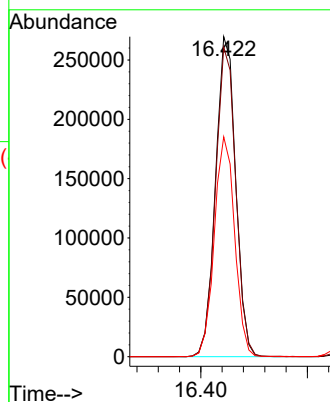
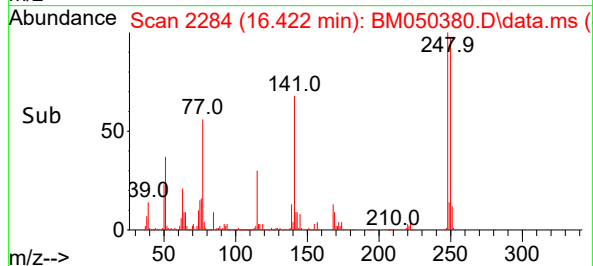
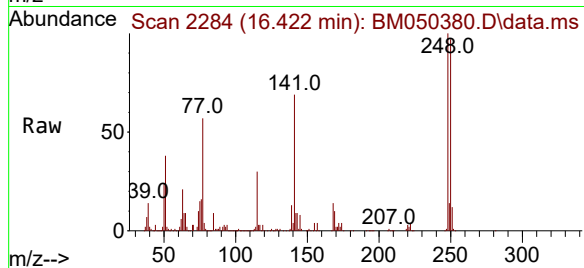




#67
4-Bromophenyl-phenylether
Concen: 19.130 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

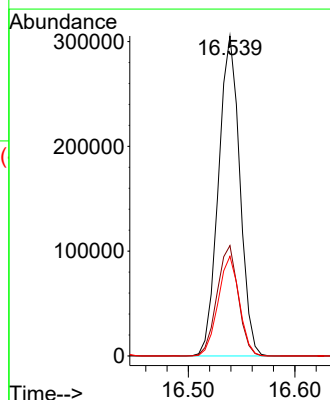
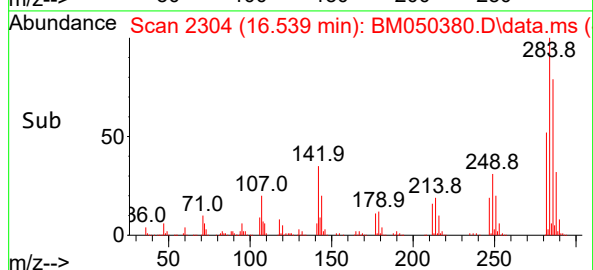
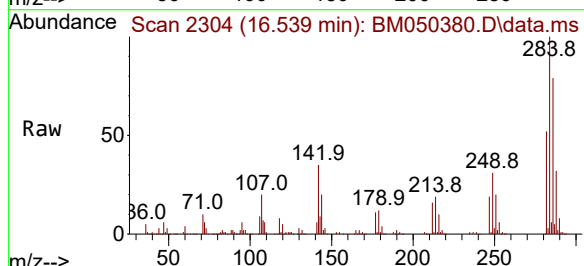
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

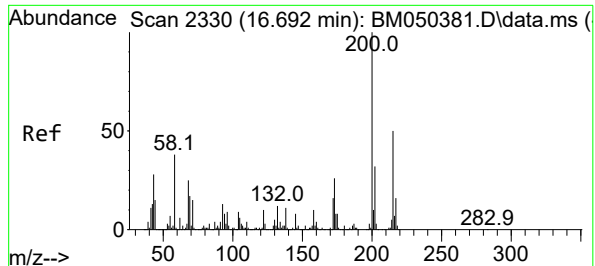
Tgt Ion:248 Resp: 353272
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 68.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 19.444 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:284 Resp: 424108
Ion Ratio Lower Upper
284 100
142 34.5 26.8 40.2
249 31.2 24.5 36.7

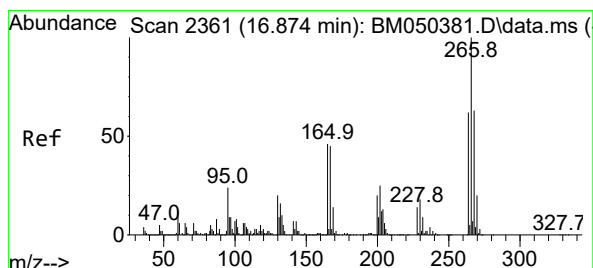
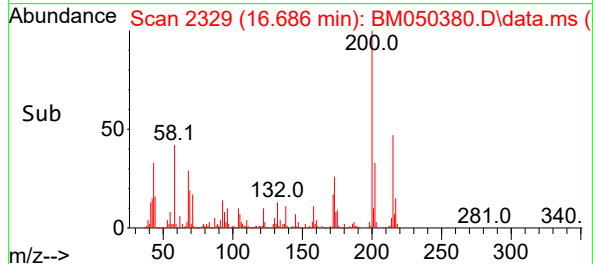
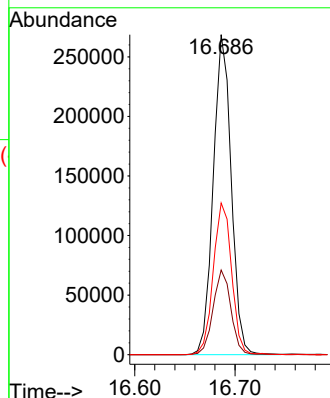
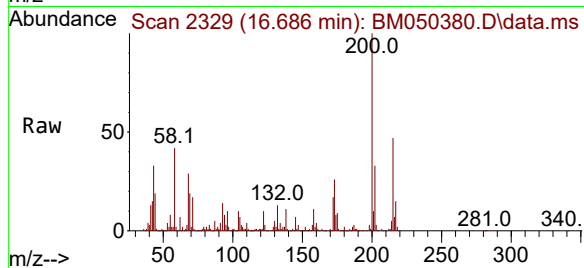




#69
Atrazine
Concen: 19.373 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

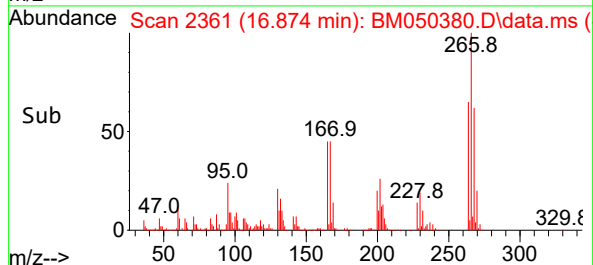
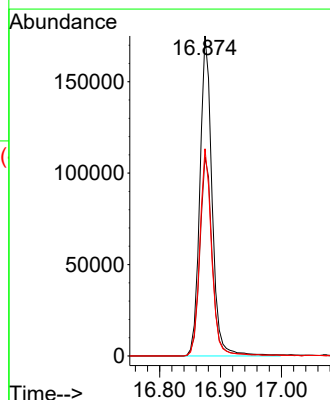
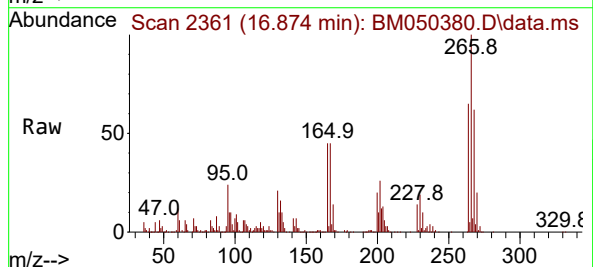
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

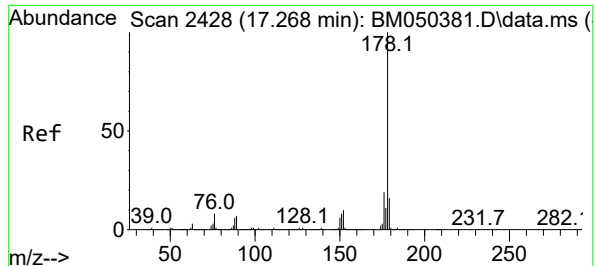
Tgt Ion:200 Resp: 333655
Ion Ratio Lower Upper
200 100
173 26.4 5.6 45.6
215 47.4 29.6 69.6



#70
Pentachlorophenol
Concen: 17.920 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:266 Resp: 243316
Ion Ratio Lower Upper
266 100
268 62.1 50.5 75.7
264 64.8 49.9 74.9

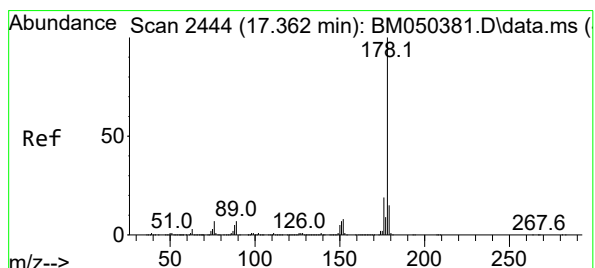
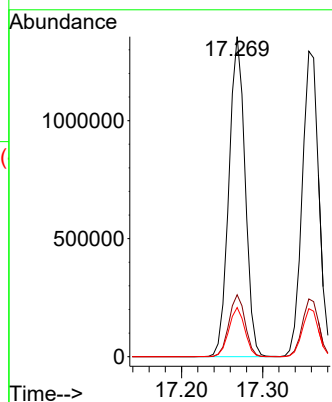
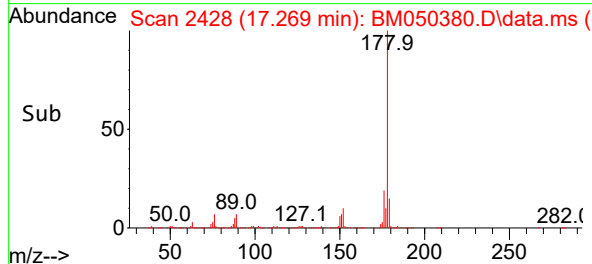
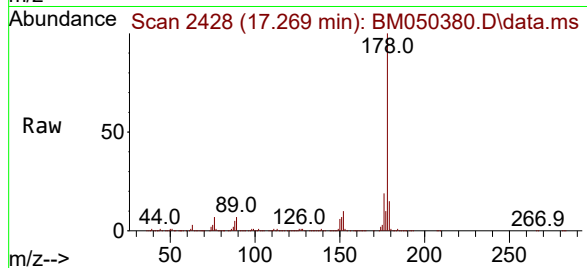




#71
Phenanthrene
Concen: 19.784 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

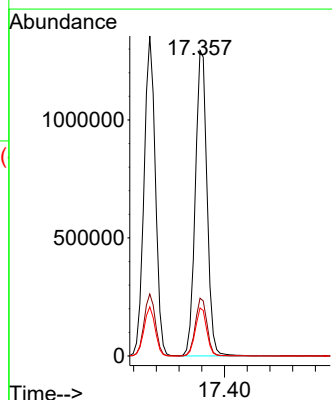
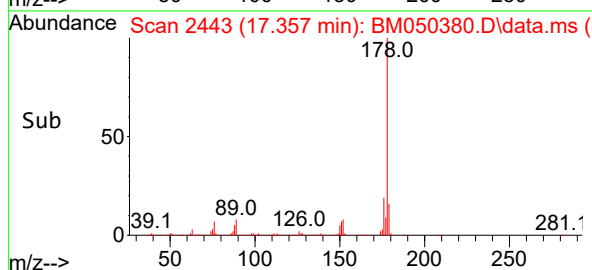
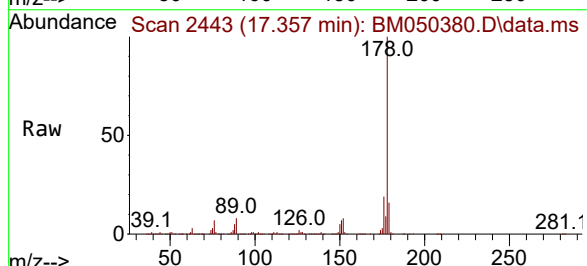
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

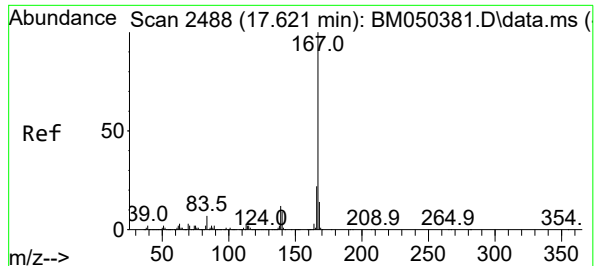
Tgt Ion:178 Resp: 1876408
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.5 18.7



#72
Anthracene
Concen: 19.694 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:178 Resp: 1859273
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.7 12.2 18.4

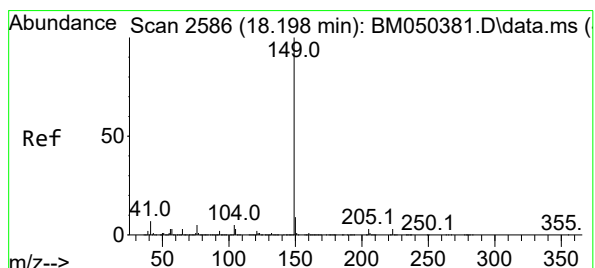
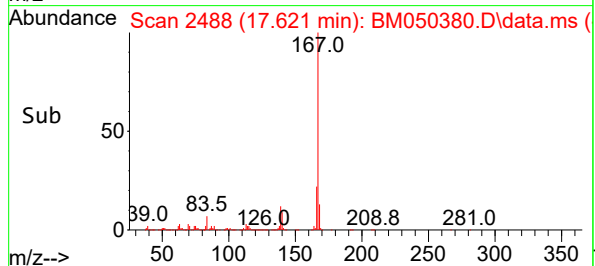
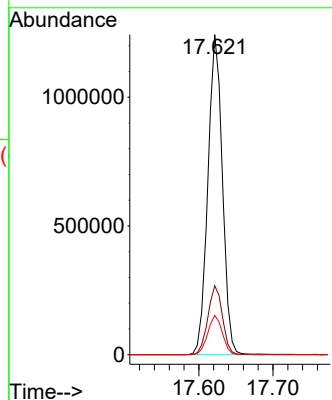
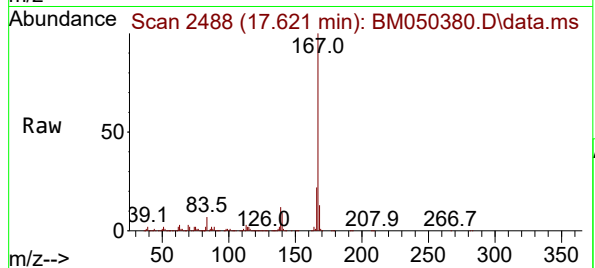




#73
Carbazole
Concen: 19.801 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

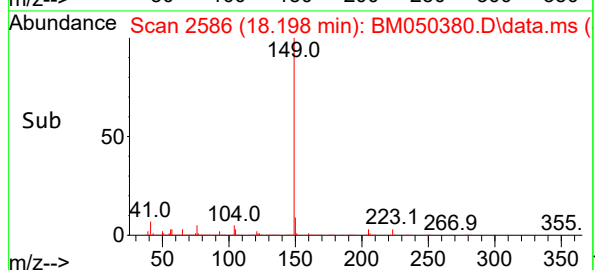
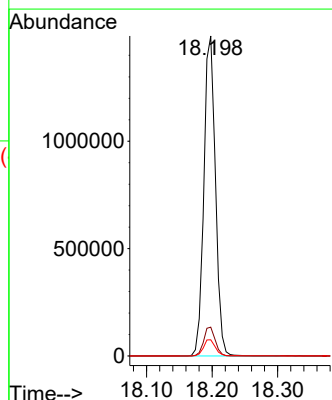
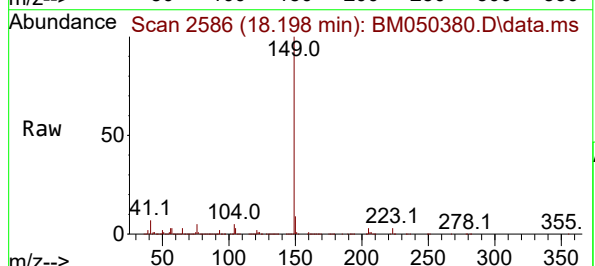
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

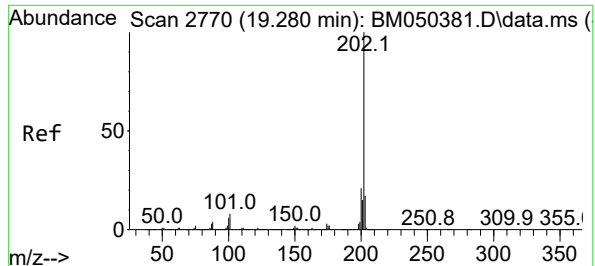
Tgt Ion:167 Resp: 1691521
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 19.566 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1829412
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.0 3.9 5.9

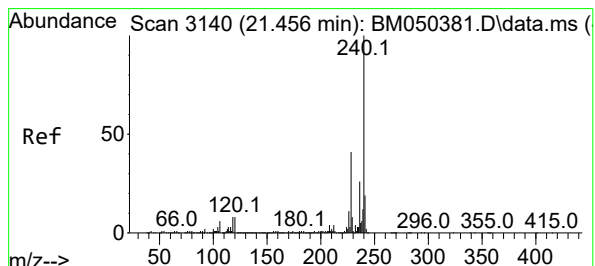
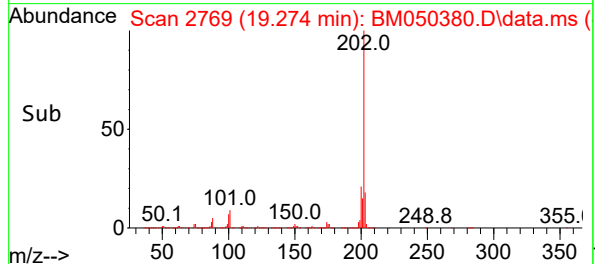
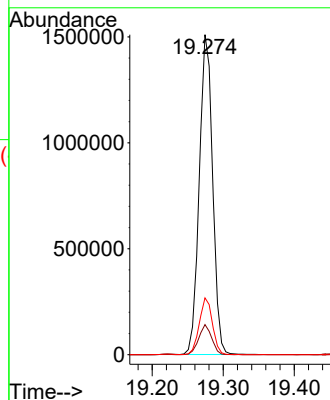
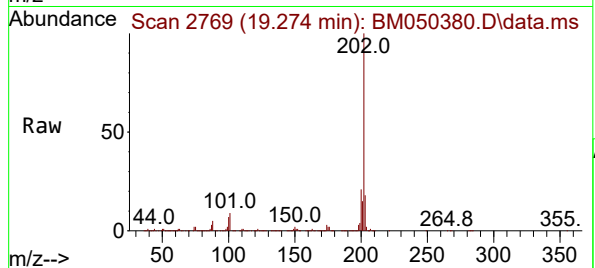




#75
Fluoranthene
Concen: 19.212 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

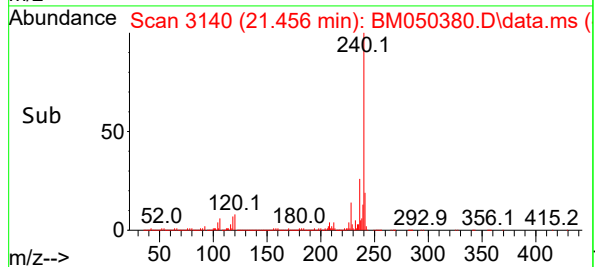
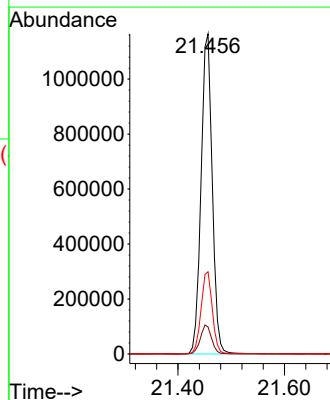
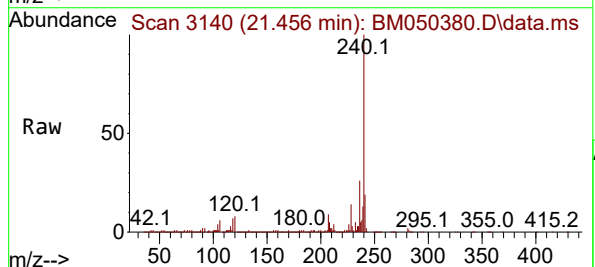
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

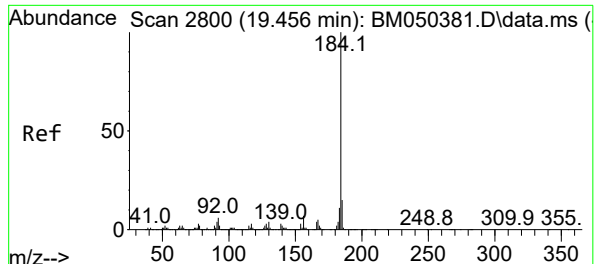
Tgt Ion:202 Resp: 1980887
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.3
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:240 Resp: 1698030
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 25.7 20.7 31.1

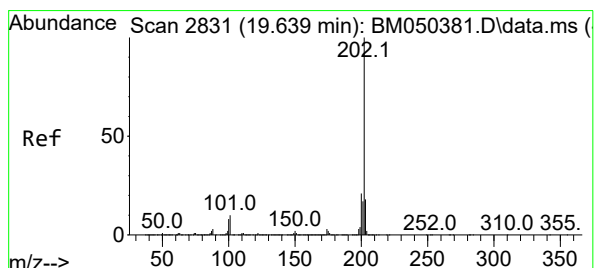
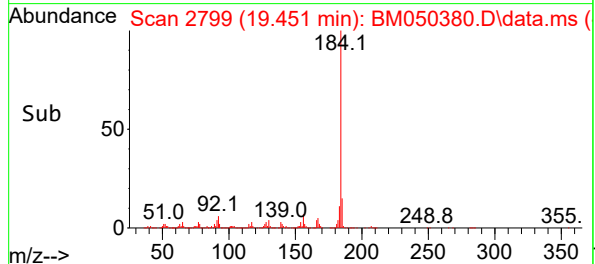
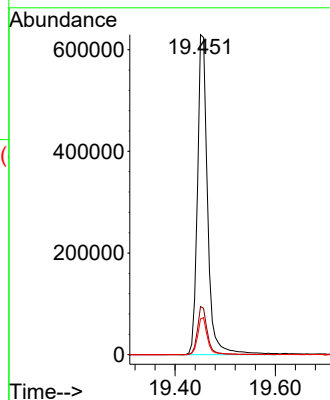
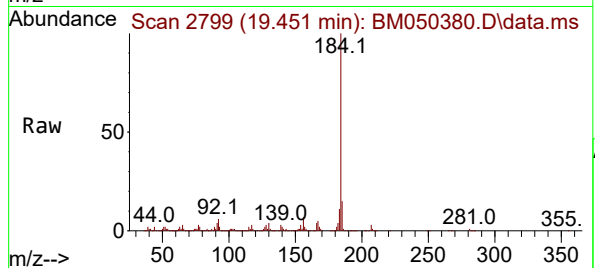




#77
Benzidine
Concen: 20.422 ng
RT: 19.451 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

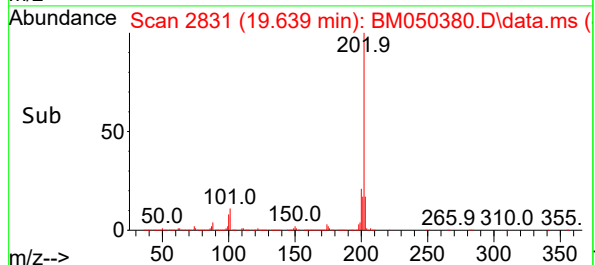
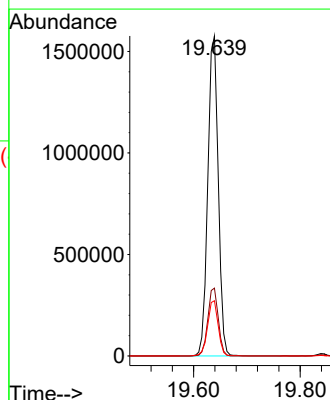
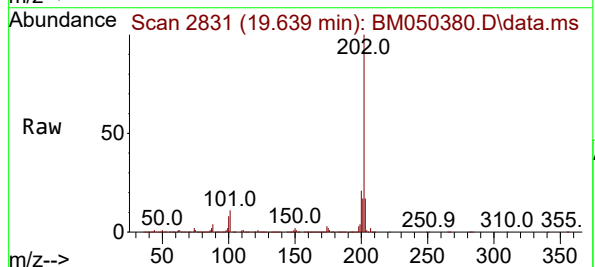
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

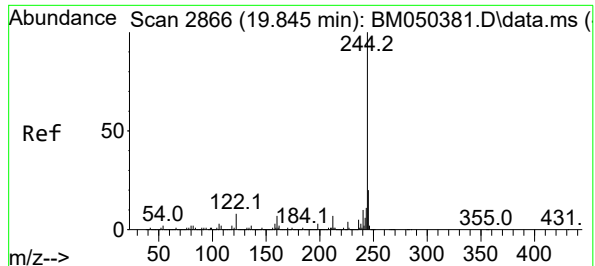
Tgt Ion:184 Resp: 884477
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.2 9.0 13.6



#78
Pyrene
Concen: 19.679 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:202 Resp: 2140070
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.2 14.1 21.1

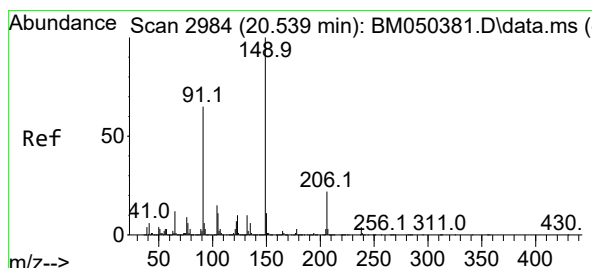
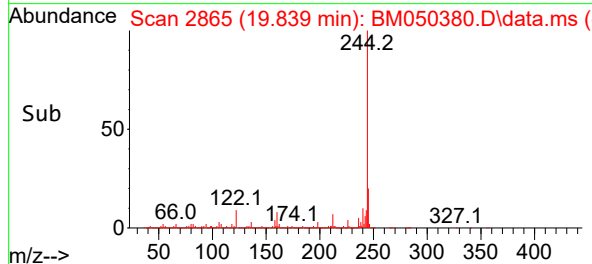
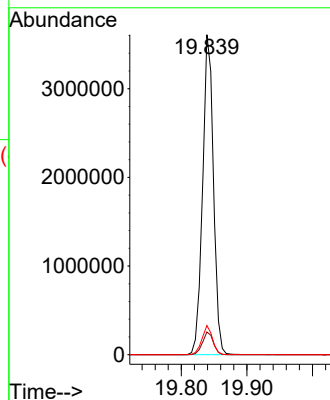
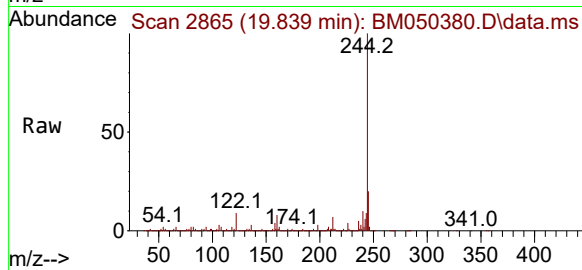




#79
Terphenyl-d14
Concen: 43.104 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

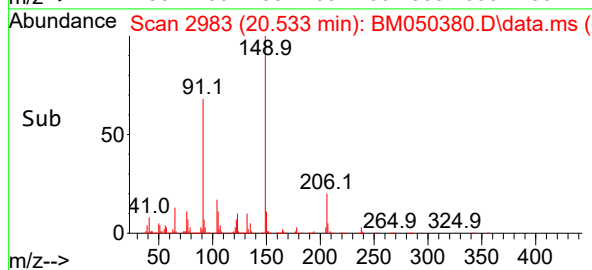
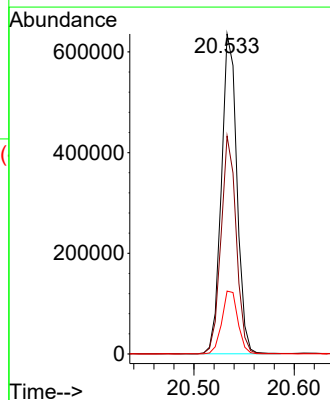
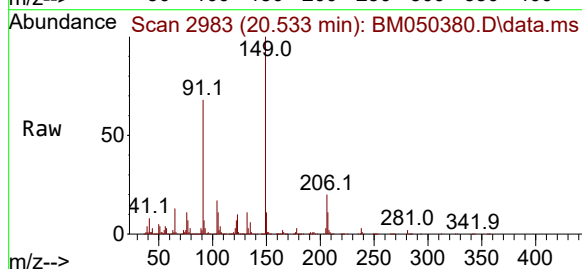
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

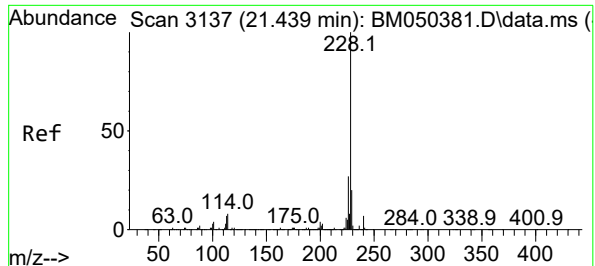
Tgt Ion:244 Resp: 4159871
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.1 6.2 9.2



#80
Butylbenzylphthalate
Concen: 19.009 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 681649
Ion Ratio Lower Upper
149 100
91 68.1 51.6 77.4
206 19.7 17.8 26.8

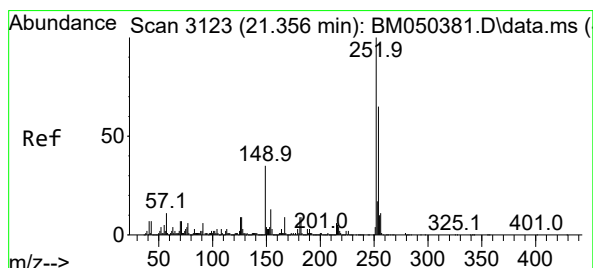
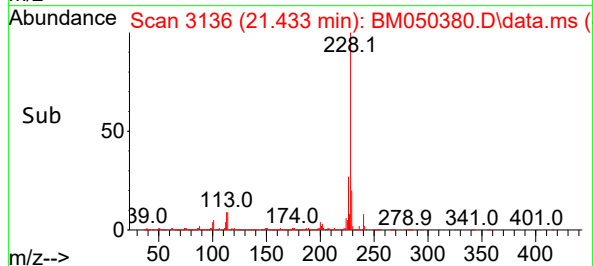
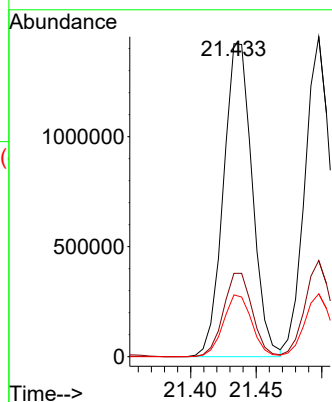
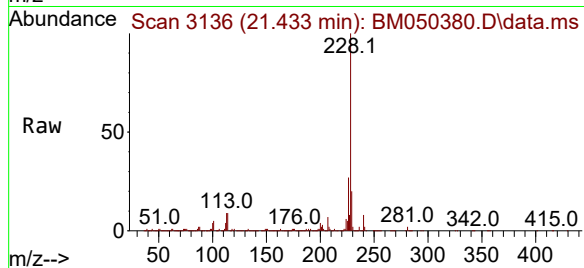




#81
Benzo(a)anthracene
Concen: 19.676 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

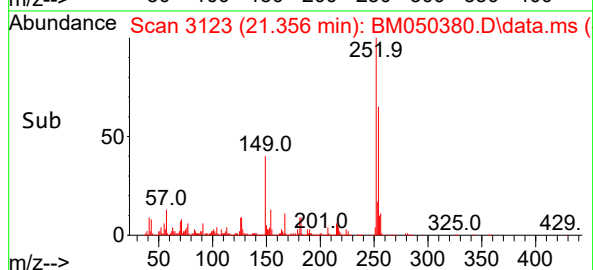
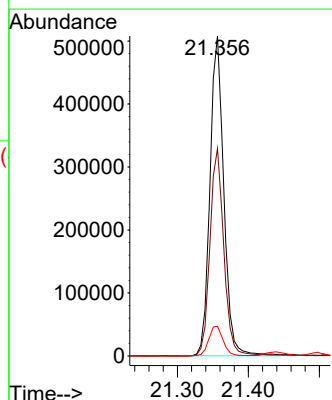
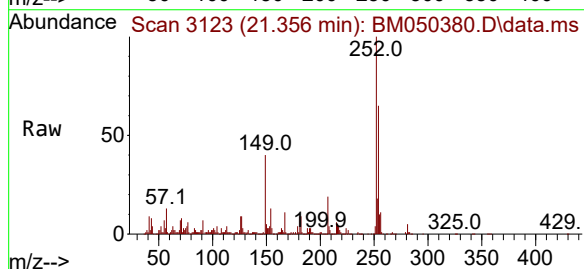
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

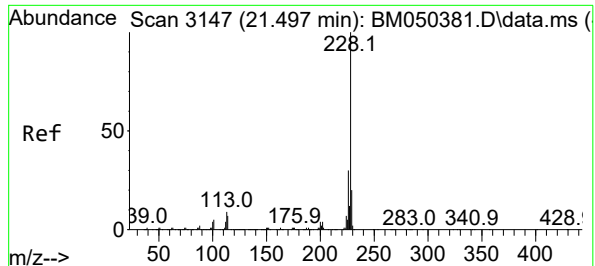
Tgt Ion:228 Resp: 2176940
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 18.471 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 689176
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.3 7.3 10.9

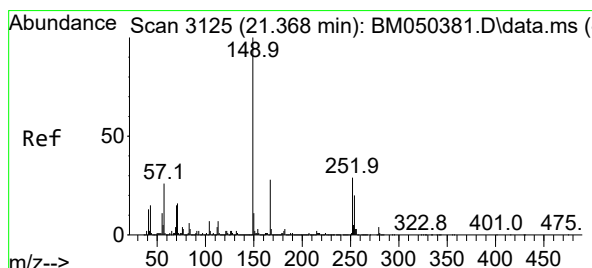
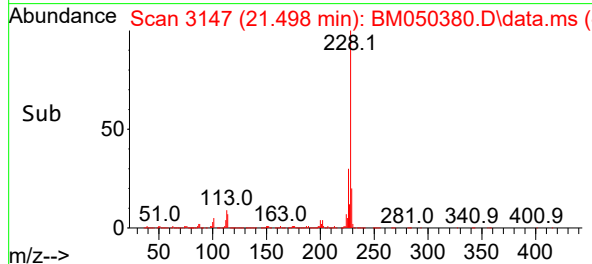
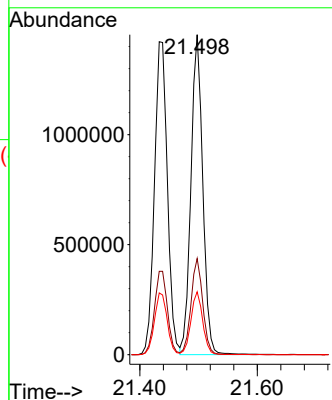
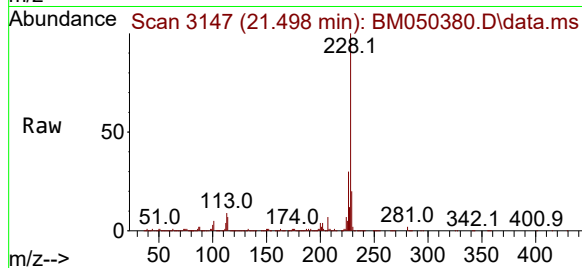




#83
Chrysene
Concen: 19.529 ng
RT: 21.498 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

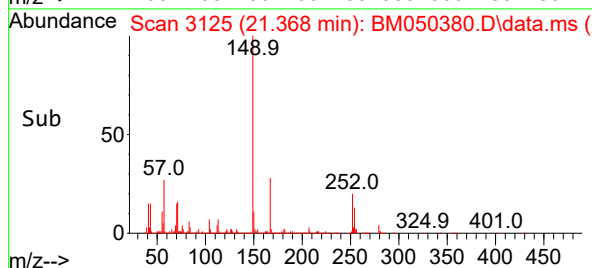
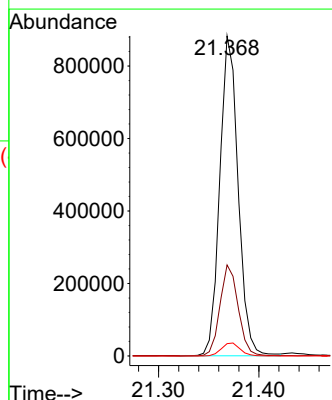
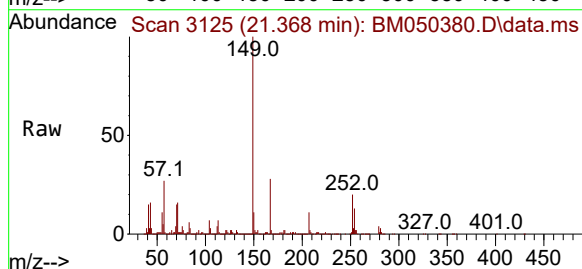
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

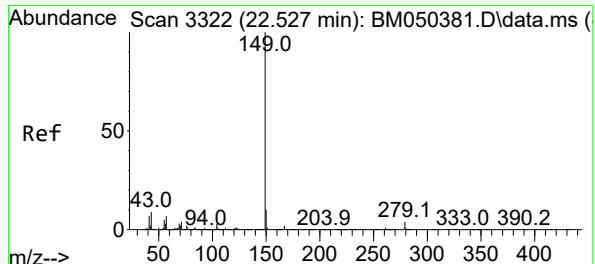
Tgt Ion:228 Resp: 2037978
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 19.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.638 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1117874
Ion Ratio Lower Upper
149 100
167 28.5 22.7 34.1
279 3.9 3.5 5.3

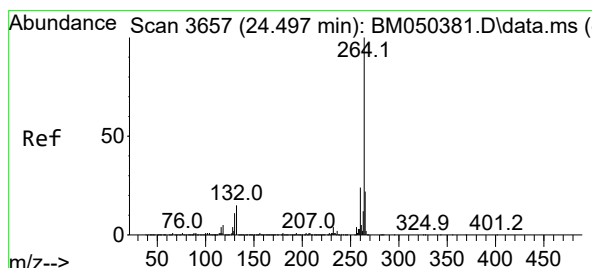
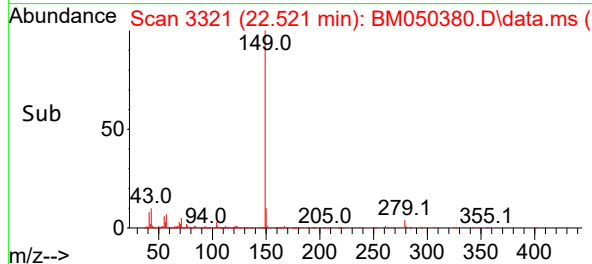
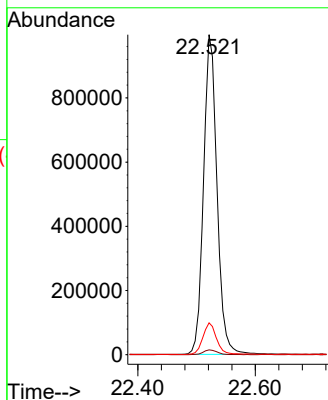
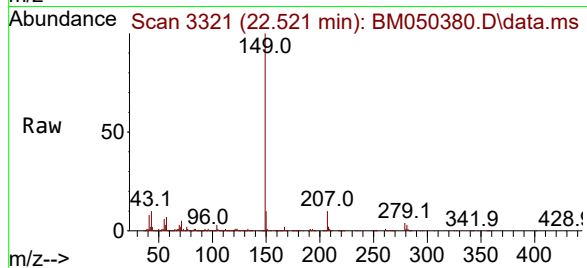




#85
Di-n-octyl phthalate
Concen: 17.729 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

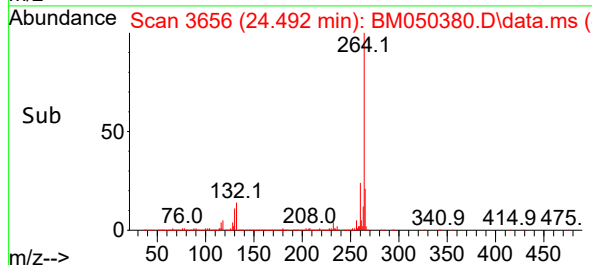
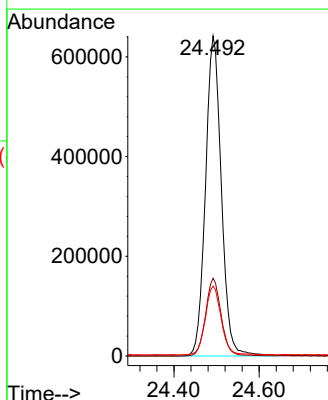
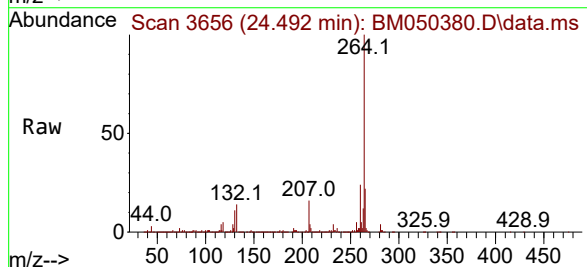
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

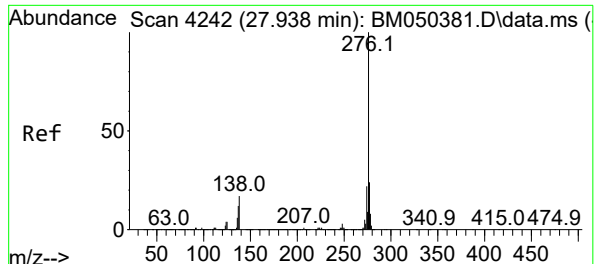
Tgt Ion:149 Resp: 1580618
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.492 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:264 Resp: 1655344
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.8 26.6

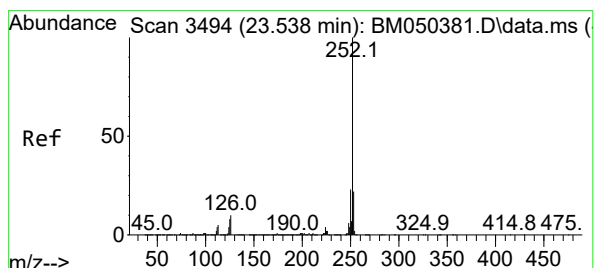
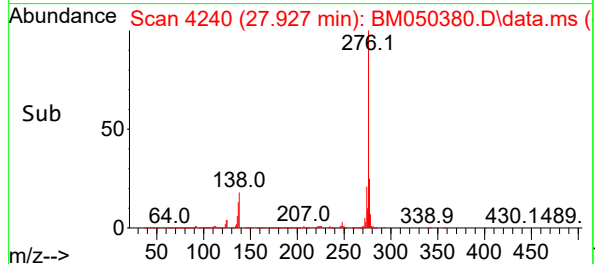
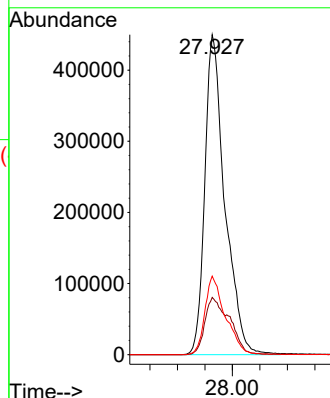
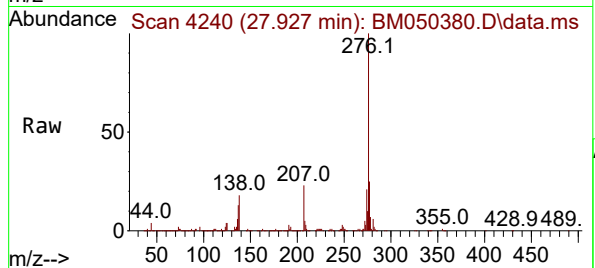




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.328 ng
RT: 27.927 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

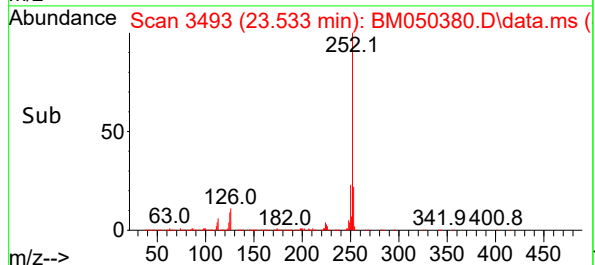
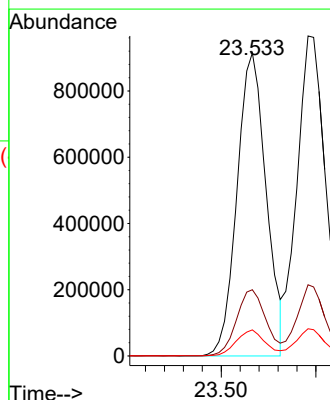
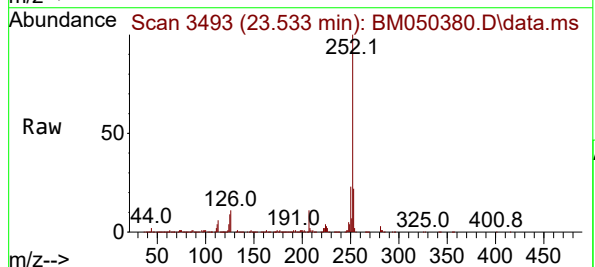
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

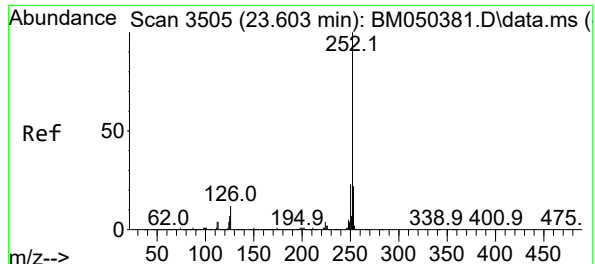
Tgt Ion:276 Resp: 2274737
Ion Ratio Lower Upper
276 100
138 22.0 17.0 25.6
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 19.138 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1948651
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 19.544 ng

RT: 23.592 min Scan# 3

Delta R.T. -0.011 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

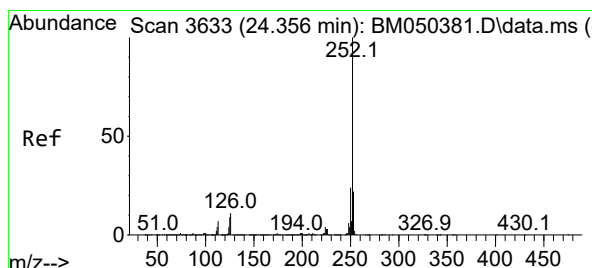
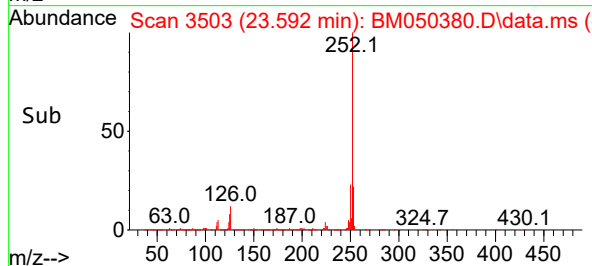
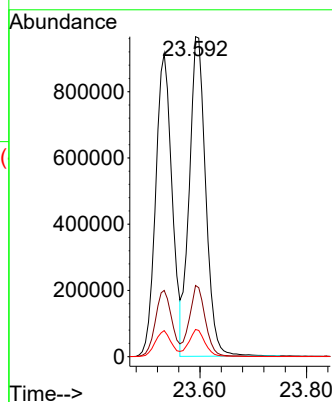
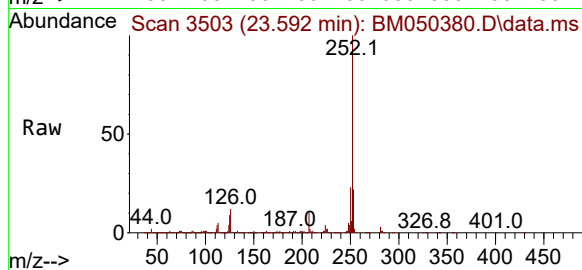
Tgt Ion:252 Resp: 2064811

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 8.5 6.2 9.2



#90

Benzo(a)pyrene

Concen: 19.085 ng

RT: 24.350 min Scan# 3632

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

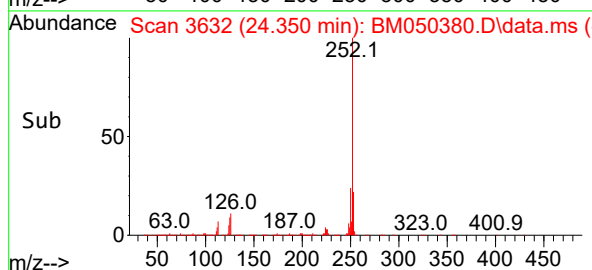
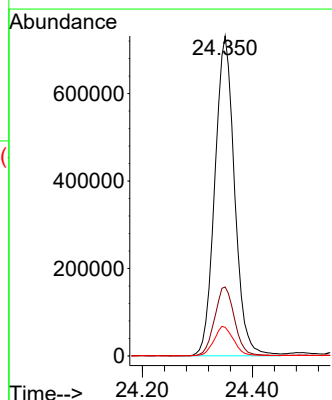
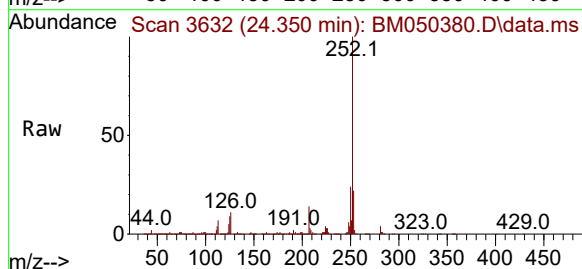
Tgt Ion:252 Resp: 1819117

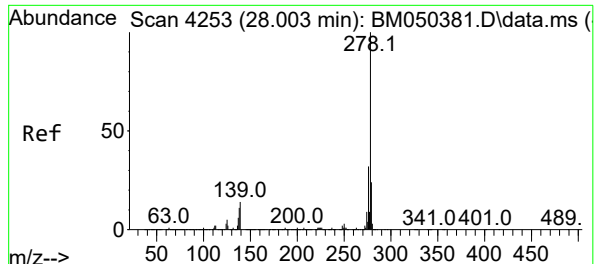
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 8.9 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 19.357 ng

RT: 27.991 min Scan# 41

Delta R.T. -0.011 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

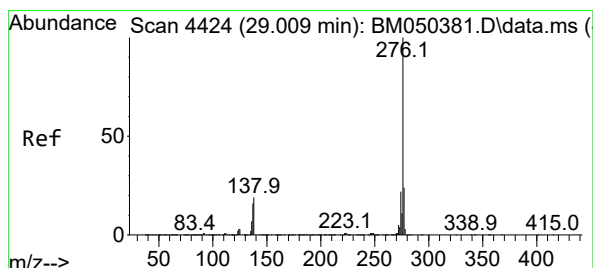
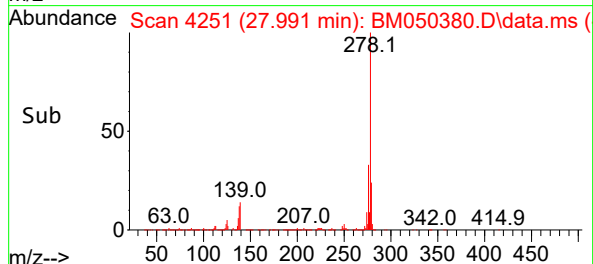
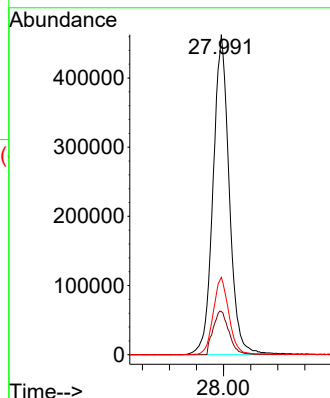
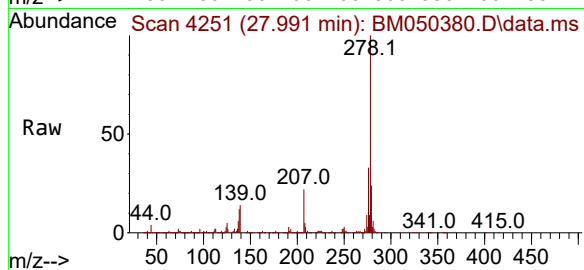
Tgt Ion:278 Resp: 1918673

Ion Ratio Lower Upper

278 100

139 13.5 10.8 16.2

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 19.385 ng

RT: 28.997 min Scan# 4422

Delta R.T. -0.011 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

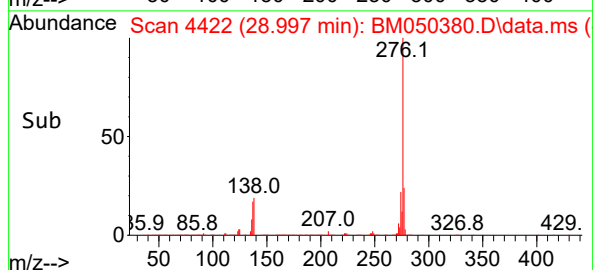
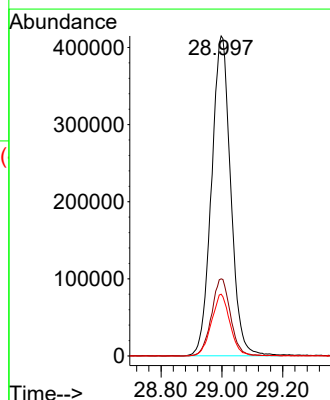
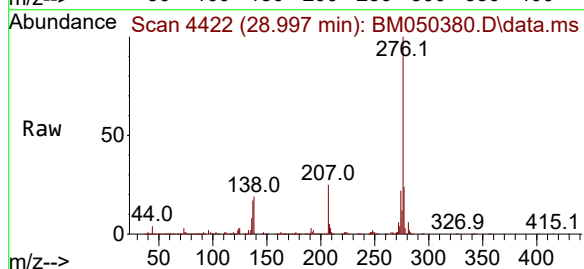
Tgt Ion:276 Resp: 1815952

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.3 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050381.D
 Acq On : 08 Jul 2025 15:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	390087	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1498318	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	967077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1834050	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1904004	20.000	ng	0.00
86) Perylene-d12	24.497	264	1842285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1797254	79.307	ng	0.00
7) Phenol-d6	7.022	99	2287075	80.057	ng	0.00
23) Nitrobenzene-d5	9.022	82	2350204	80.025	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	961125	81.797	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6157884	78.635	ng	0.00
79) Terphenyl-d14	19.845	244	9584372	88.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	358574	38.479	ng	100
3) Pyridine	3.734	79	957840	39.152	ng	100
4) n-Nitrosodimethylamine	3.640	42	446254	39.127	ng	100
6) Aniline	7.187	93	1465425	39.971	ng	100
8) 2-Chlorophenol	7.428	128	949275	39.725	ng	100
9) Benzaldehyde	6.998	77	699931m	41.183	ng	
10) Phenol	7.051	94	1176548	39.486	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	933093	39.103	ng	100
12) 1,3-Dichlorobenzene	7.757	146	1129597	38.876	ng	100
13) 1,4-Dichlorobenzene	7.904	146	1143020	38.525	ng	100
14) 1,2-Dichlorobenzene	8.222	146	1100335	38.737	ng	100
15) Benzyl Alcohol	8.098	79	797306	39.610	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1367157	38.896	ng	100
17) 2-Methylphenol	8.298	107	772662	39.981	ng	100
18) Hexachloroethane	8.951	117	406049	38.914	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	710692	41.065	ng	100
20) 3+4-Methylphenols	8.628	107	1033775	39.847	ng	100
22) Acetophenone	8.681	105	1471867	39.290	ng	100
24) Nitrobenzene	9.057	77	1034216	39.463	ng	100
25) Isophorone	9.592	82	1916609	40.218	ng	100
26) 2-Nitrophenol	9.775	139	440758	41.266	ng	100
27) 2,4-Dimethylphenol	9.833	122	895117	39.384	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1249755	39.577	ng	100
29) 2,4-Dichlorophenol	10.304	162	934922	40.040	ng	100
30) 1,2,4-Trichlorobenzene	10.527	180	1085193	38.850	ng	100
31) Naphthalene	10.710	128	2960809	38.905	ng	100
32) Benzoic acid	9.945	122	491059	36.793	ng	100
33) 4-Chloroaniline	10.810	127	1285226	39.947	ng	100
34) Hexachlorobutadiene	11.010	225	662229	38.844	ng	100
35) Caprolactam	11.580	113	260010	40.791	ng	100
36) 4-Chloro-3-methylphenol	11.933	107	883903	40.538	ng	100
37) 2-Methylnaphthalene	12.321	142	1901706	39.576	ng	100
38) 1-Methylnaphthalene	12.539	142	2017118	39.665	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1203524	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	765708	38.951	ng	100
43) 2,4,6-Trichlorophenol	12.927	196	761982	40.252	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050381.D
 Acq On : 08 Jul 2025 15:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

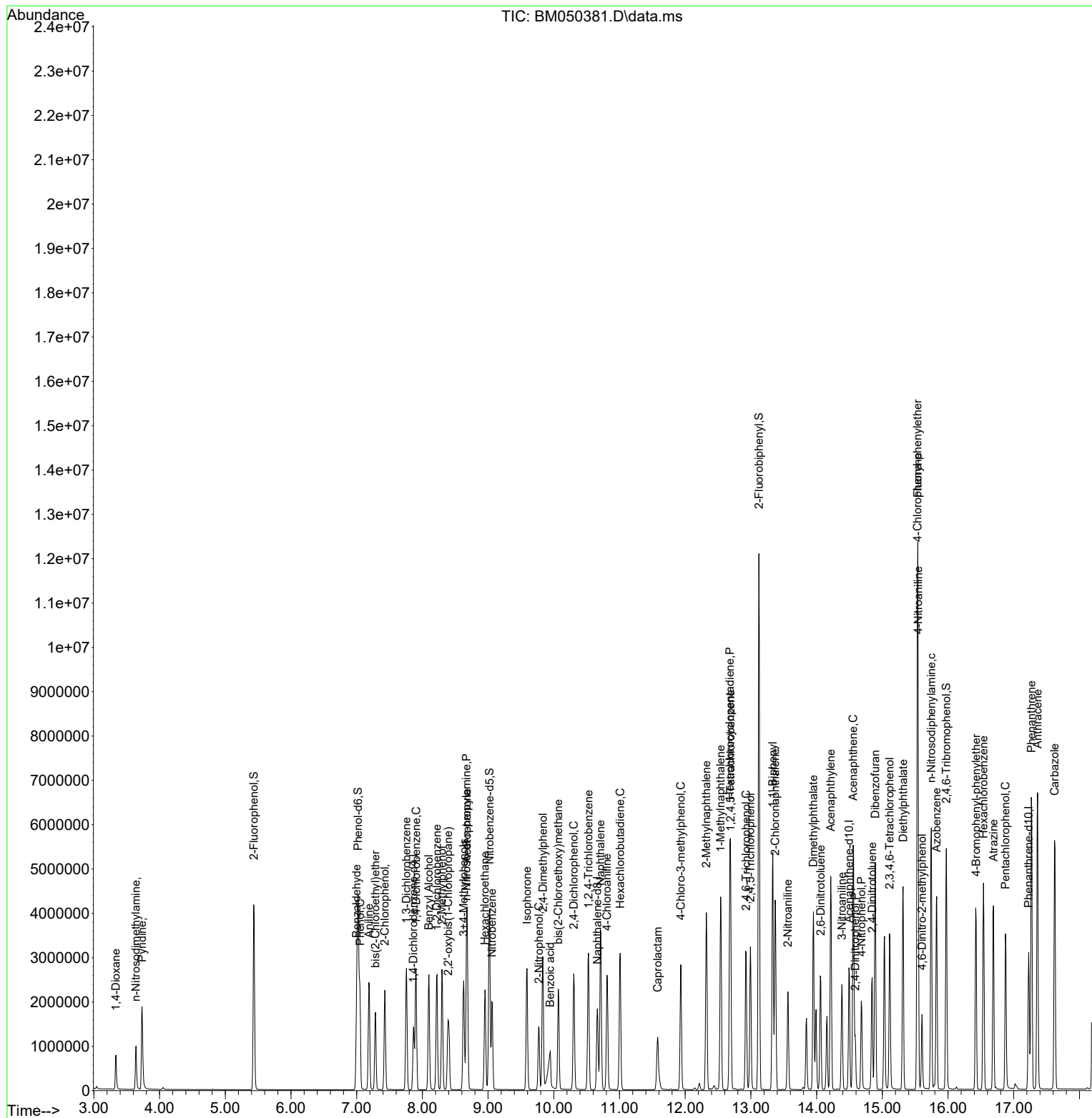
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	831142	40.202	ng	100
46) 1,1'-Biphenyl	13.333	154	2786215	38.832	ng	100
47) 2-Chloronaphthalene	13.368	162	2224727	38.889	ng	100
48) 2-Nitroaniline	13.563	65	538415	42.165	ng	100
49) Acenaphthylene	14.215	152	3433586	39.714	ng	100
50) Dimethylphthalate	13.951	163	2613190	39.248	ng	100
51) 2,6-Dinitrotoluene	14.063	165	528767	41.362	ng	100
52) Acenaphthene	14.557	154	2148079	39.080	ng	100
53) 3-Nitroaniline	14.386	138	568716	41.832	ng	100
54) 2,4-Dinitrophenol	14.586	184	225952	35.873	ng	100
55) Dibenzofuran	14.892	168	3305040	39.024	ng	100
56) 4-Nitrophenol	14.680	139	473550	40.504	ng	100
57) 2,4-Dinitrotoluene	14.845	165	717807	38.104	ng	100
58) Fluorene	15.539	166	2744882	39.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	705044	40.512	ng	100
60) Diethylphthalate	15.315	149	2532007	39.811	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1443937	39.586	ng	100
62) 4-Nitroaniline	15.545	138	602257	39.043	ng	100
63) Azobenzene	15.827	77	2337291	40.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	343246	36.538	ng	100
66) n-Nitrosodiphenylamine	15.745	169	2284645	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	798257	39.504	ng	100
68) Hexachlorobenzene	16.539	284	940659	39.414	ng	100
69) Atrazine	16.692	200	775270	41.139	ng	100
70) Pentachlorophenol	16.874	266	590077	39.717	ng	100
71) Phenanthrene	17.268	178	4039451	38.923	ng	100
72) Anthracene	17.362	178	4095570	39.646	ng	100
73) Carbazole	17.621	167	3704436	39.632	ng	100
74) Di-n-butylphthalate	18.198	149	4183360	40.890	ng	100
75) Fluoranthene	19.280	202	4522403	40.085	ng	100
77) Benzidine	19.456	184	2104809	43.341	ng	100
78) Pyrene	19.639	202	4798678	39.352	ng	100
80) Butylbenzylphthalate	20.539	149	1677924	41.731	ng	100
81) Benzo(a)anthracene	21.439	228	4880944	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1633134	39.036	ng	100
83) Chrysene	21.497	228	4604684	39.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2685699	42.076	ng	100
85) Di-n-octyl phthalate	22.527	149	4028194	40.294	ng	100
87) Indeno(1,2,3-cd)pyrene	27.938	276	5214934	39.813	ng	100
88) Benzo(b)fluoranthene	23.538	252	4531635	39.990	ng	100
89) Benzo(k)fluoranthene	23.603	252	4654634	39.586	ng	100
90) Benzo(a)pyrene	24.356	252	4259750	40.157	ng	100
91) Dibenzo(a,h)anthracene	28.003	278	4396741	39.857	ng	100
92) Benzo(g,h,i)perylene	29.009	276	4131353	39.626	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

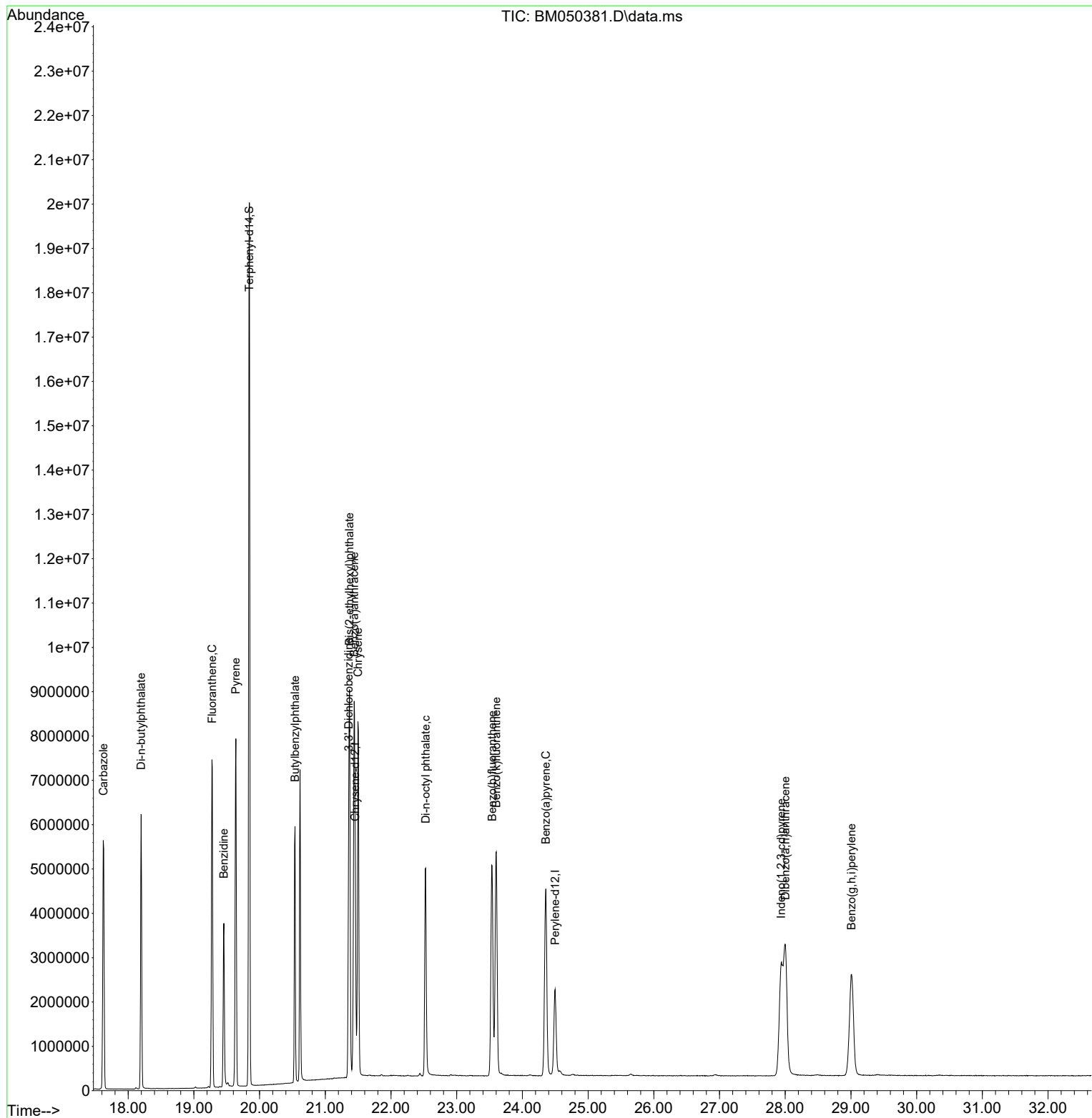
Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

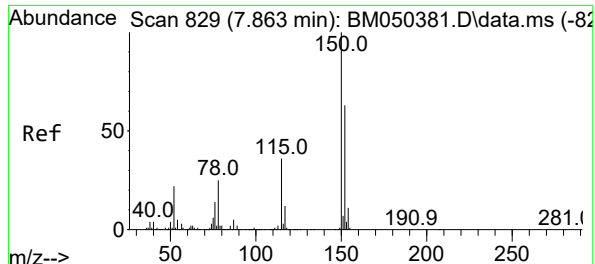


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

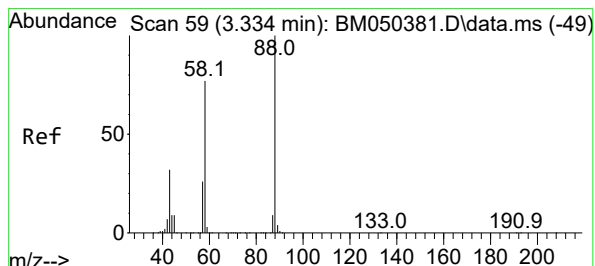
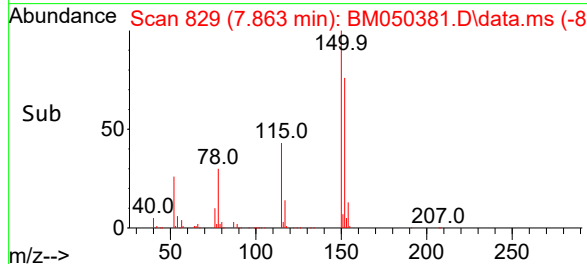
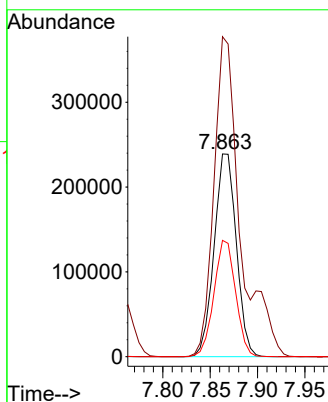
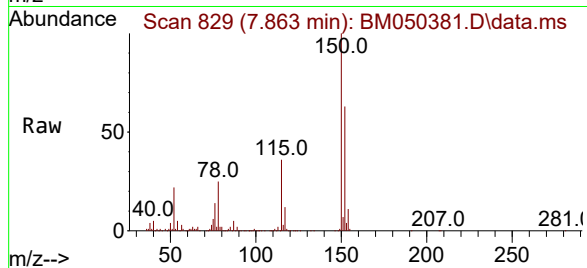




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

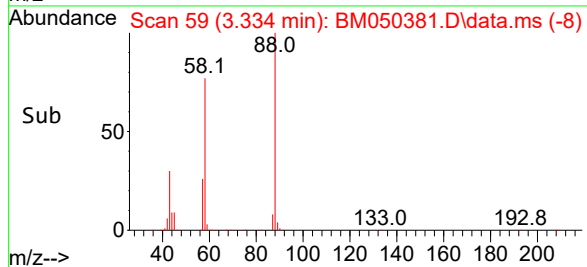
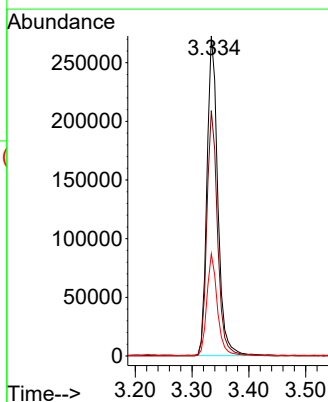
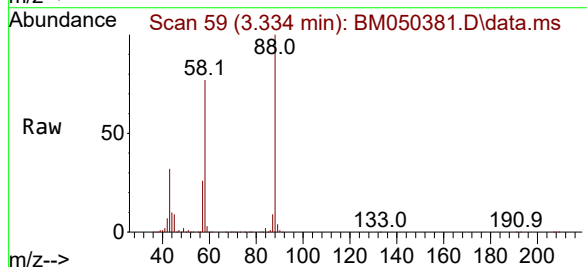
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

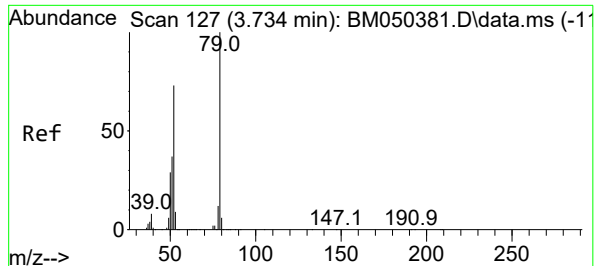
Tgt Ion:152 Resp: 390087
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.4
115 57.3 45.8 68.8



#2
1,4-Dioxane
Concen: 38.479 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 88 Resp: 358574
Ion Ratio Lower Upper
88 100
58 76.3 61.0 91.6
43 30.8 24.6 37.0

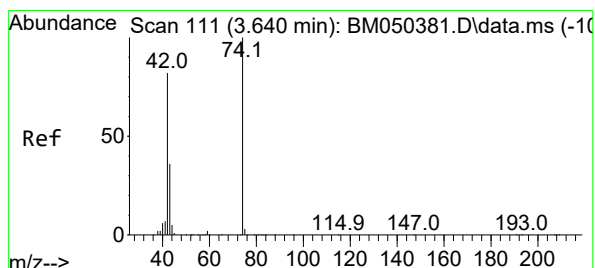
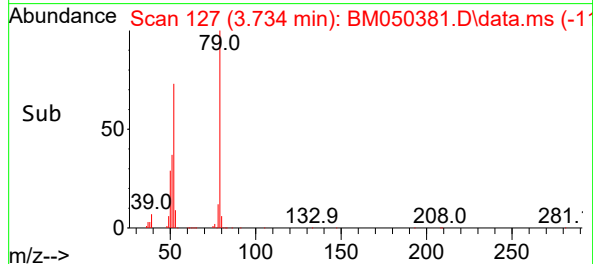
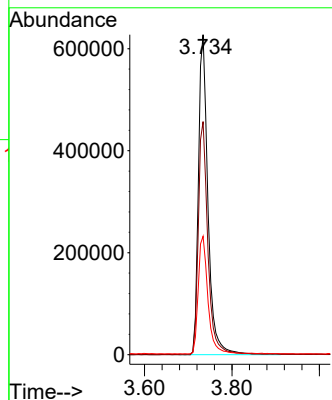
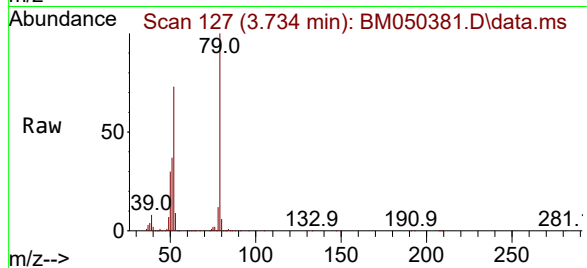




#3
Pyridine
Concen: 39.152 ng
RT: 3.734 min Scan# 117
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

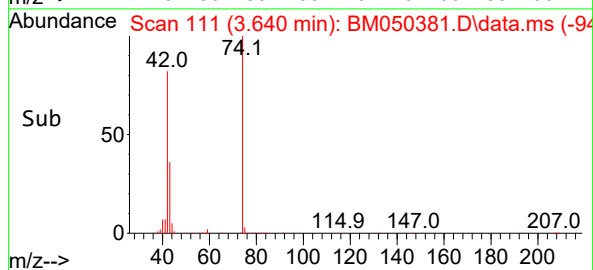
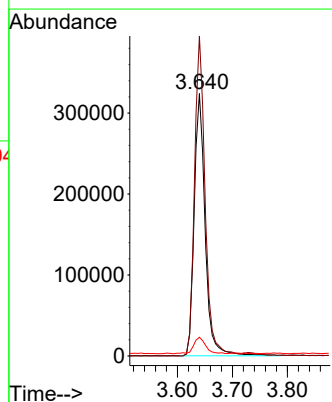
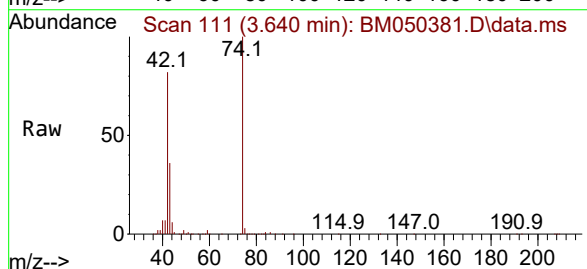
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

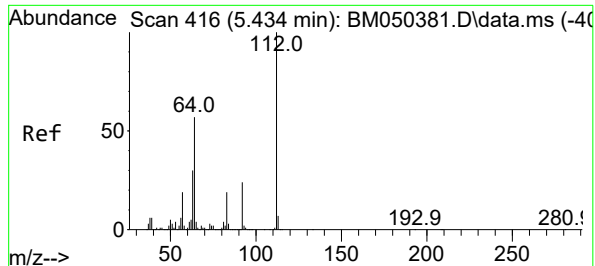
Tgt Ion: 79 Resp: 957840
Ion Ratio Lower Upper
79 100
52 72.9 58.3 87.5
51 37.0 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 39.127 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 42 Resp: 446254
Ion Ratio Lower Upper
42 100
74 121.9 97.5 146.3
44 7.1 5.7 8.5

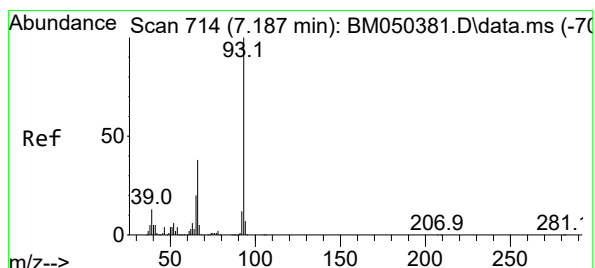
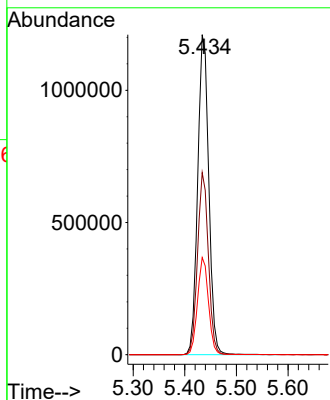
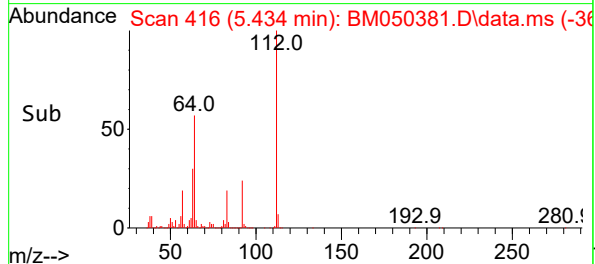
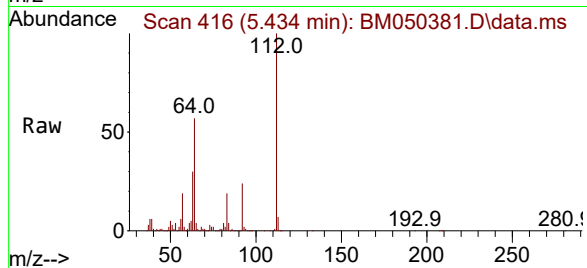




#5
2-Fluorophenol
Concen: 79.307 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

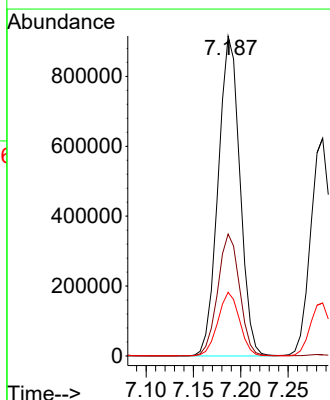
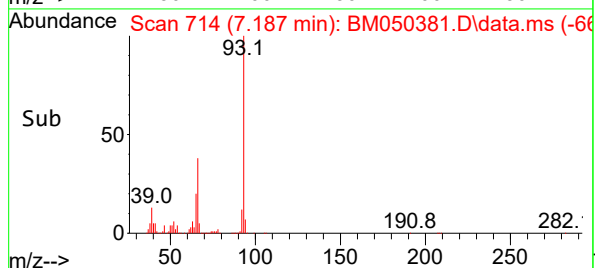
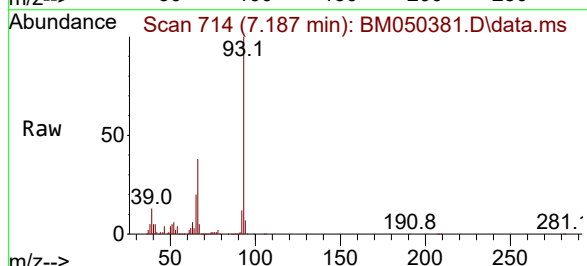
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

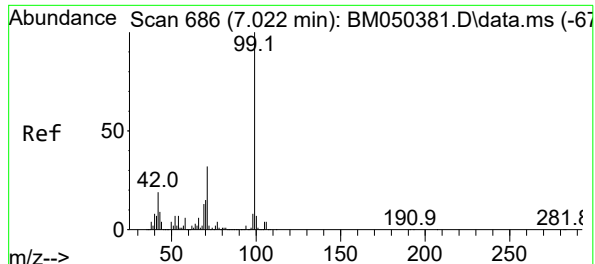
Tgt Ion:112 Resp: 1797254
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 30.3 24.2 36.4



#6
Aniline
Concen: 39.971 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1465425
Ion Ratio Lower Upper
93 100
66 38.1 30.5 45.7
65 19.9 15.9 23.9

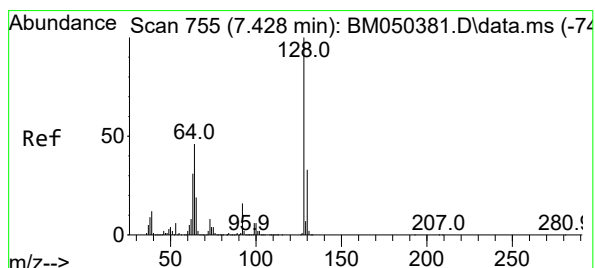
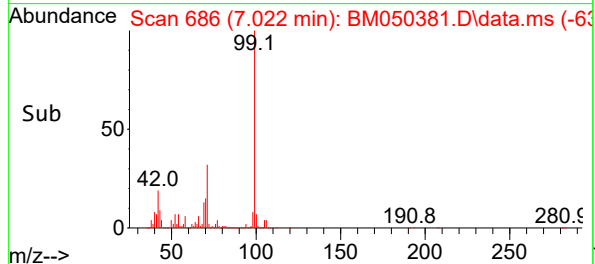
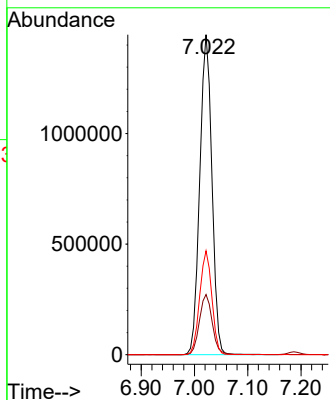
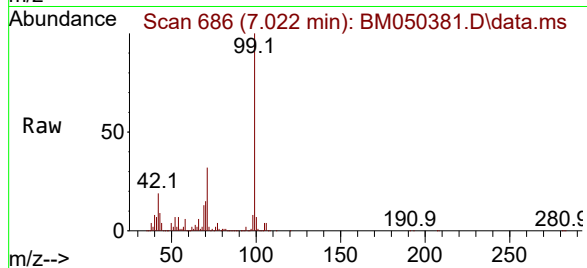




#7
Phenol-d6
Concen: 80.057 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

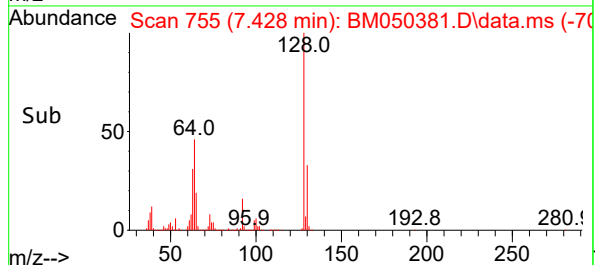
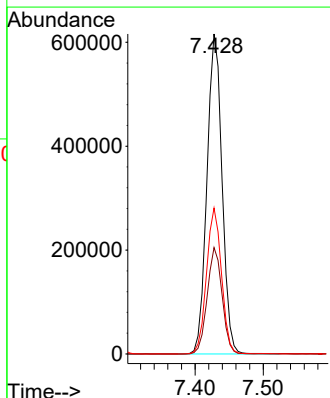
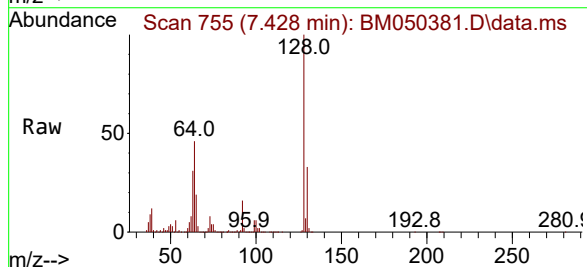
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

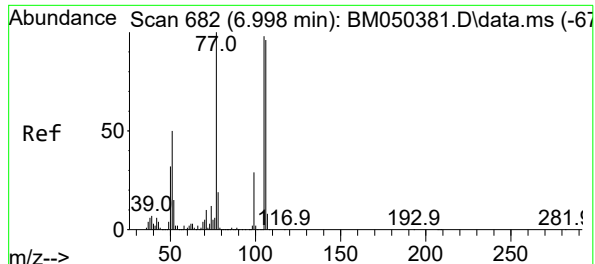
Tgt Ion: 99 Resp: 2287075
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 32.4 25.9 38.9



#8
2-Chlorophenol
Concen: 39.725 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 128 Resp: 949275
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 45.6 25.6 65.6





#9

Benzaldehyde

Concen: 41.183 ng m

RT: 6.998 min Scan# 682

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

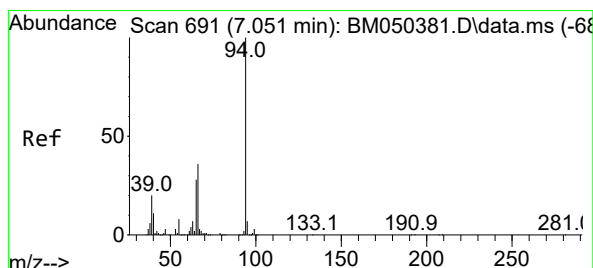
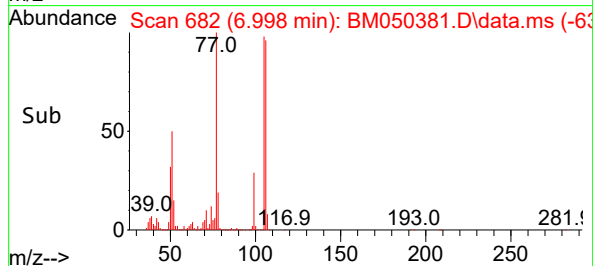
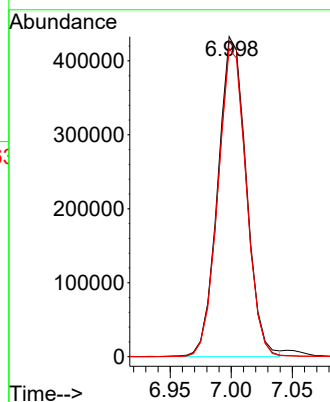
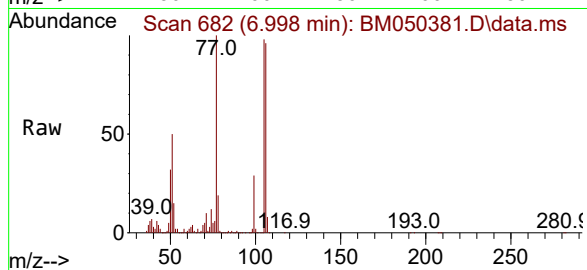
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 699931

Ion	Ratio	Lower	Upper
77	100		
105	98.4	78.4	118.4
106	96.3	76.3	116.3



#10

Phenol

Concen: 39.486 ng

RT: 7.051 min Scan# 691

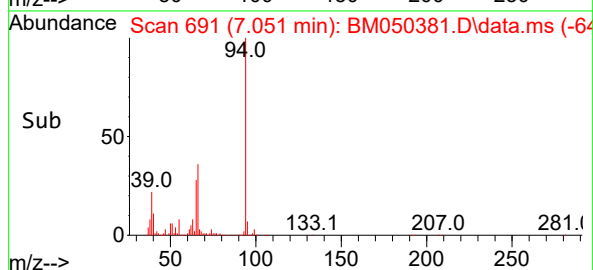
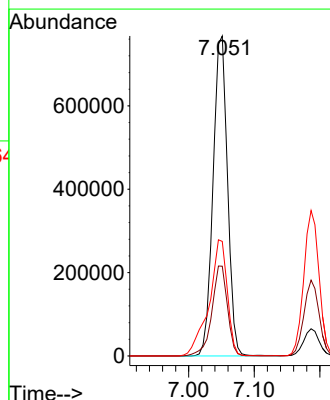
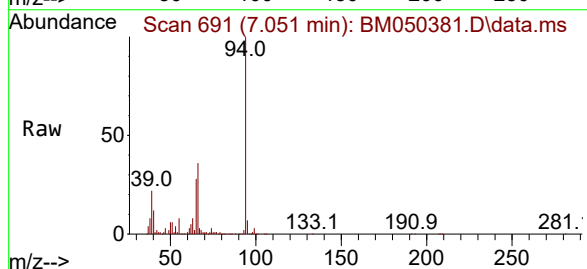
Delta R.T. 0.000 min

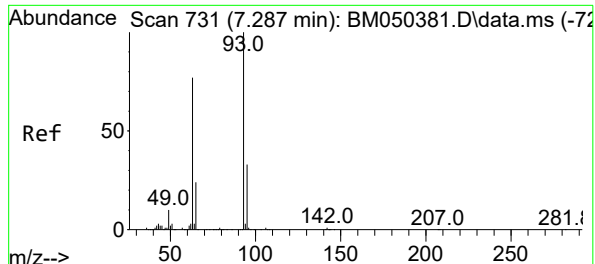
Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion: 94 Resp: 1176548

Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	35.8	15.8	55.8





#11

bis(2-Chloroethyl)ether

Concen: 39.103 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

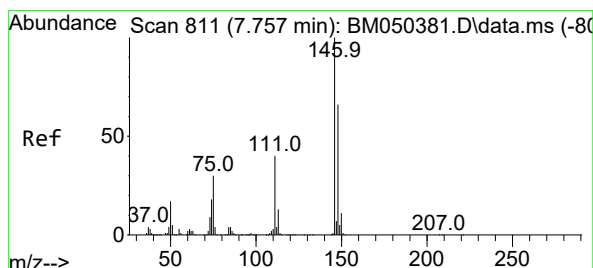
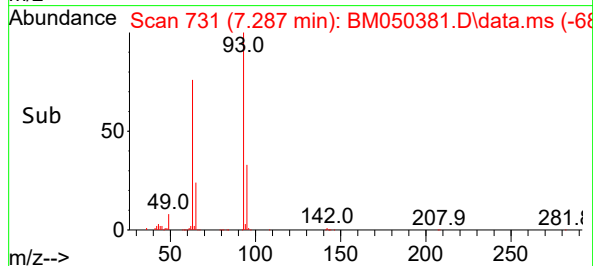
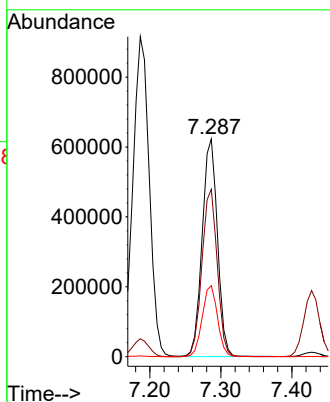
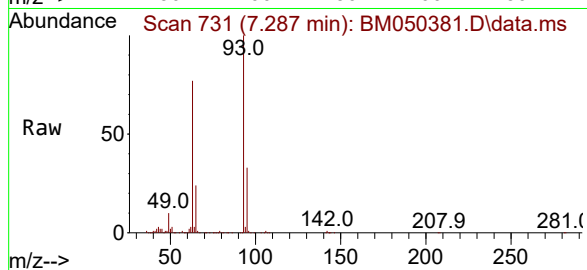
Tgt Ion: 93 Resp: 933093

Ion Ratio Lower Upper

93 100

63 76.9 56.9 96.9

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.876 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

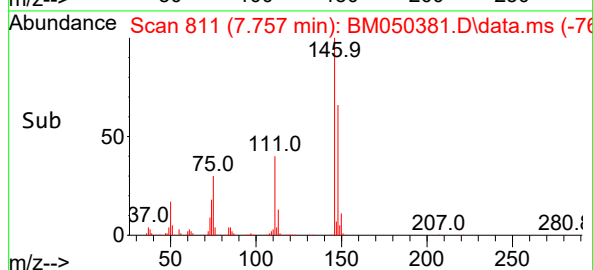
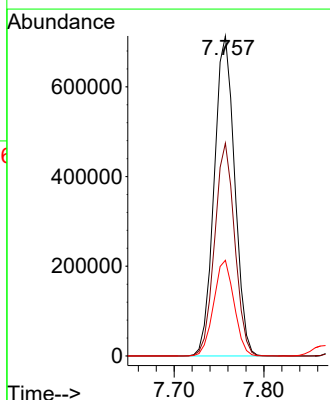
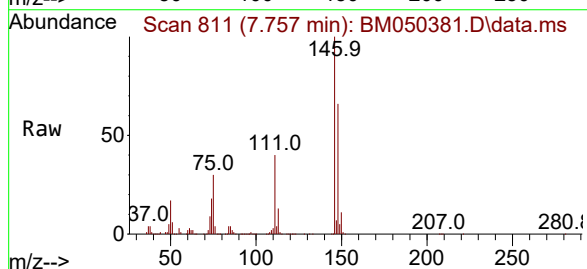
Tgt Ion: 146 Resp: 1129597

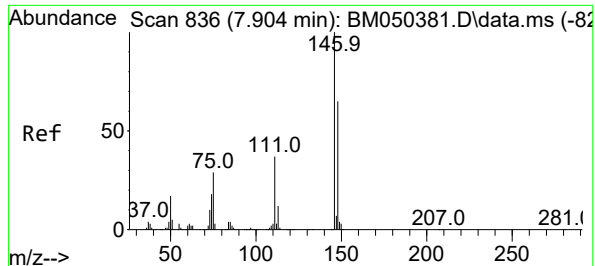
Ion Ratio Lower Upper

146 100

148 66.5 53.2 79.8

75 29.9 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 7.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

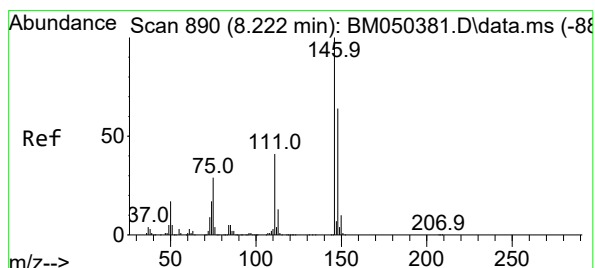
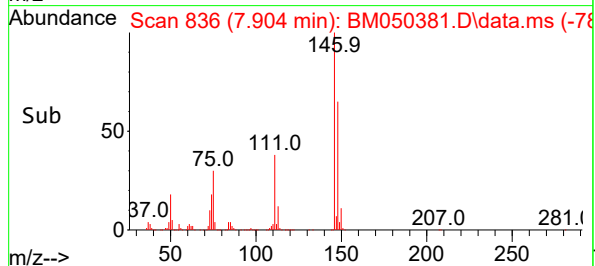
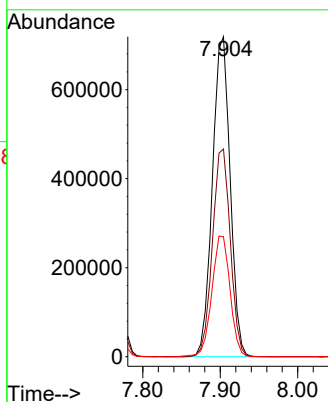
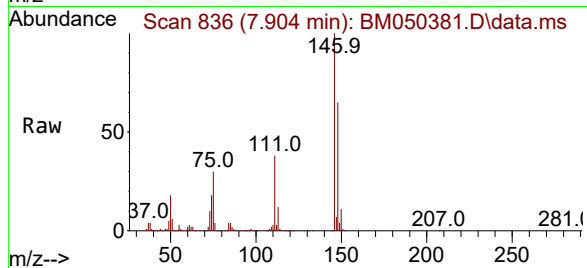
Tgt Ion:146 Resp: 1143020

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 37.5 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 38.737 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

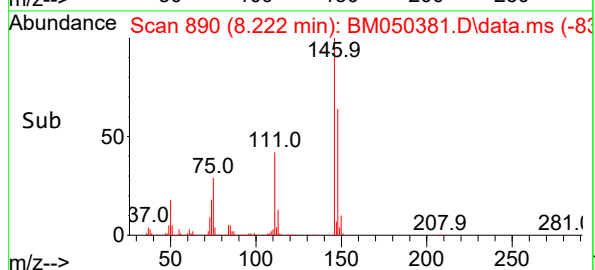
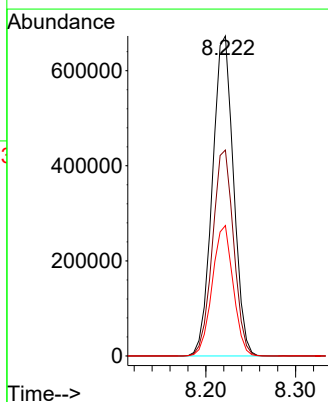
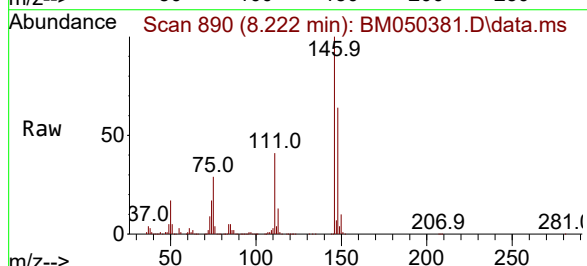
Tgt Ion:146 Resp: 1100335

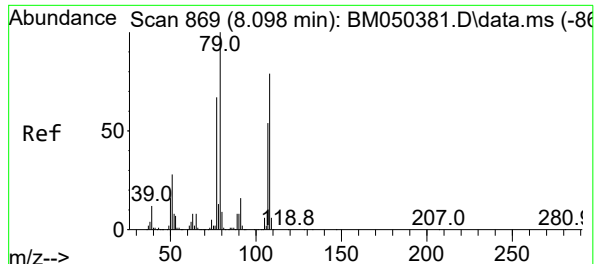
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 40.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 39.610 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

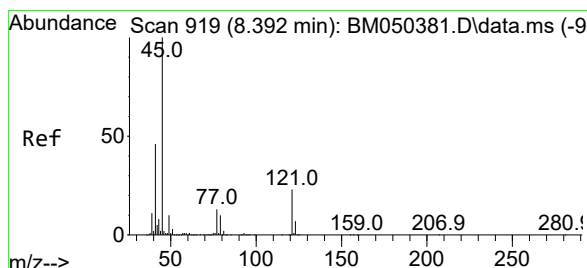
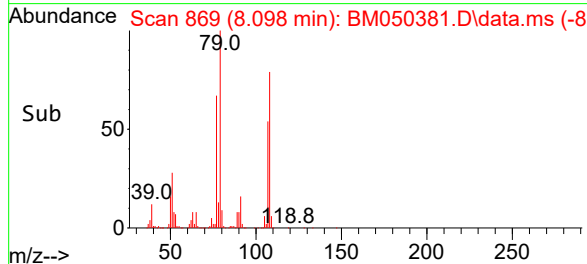
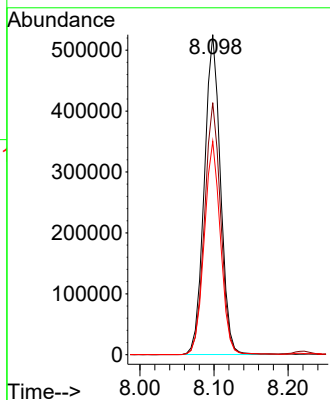
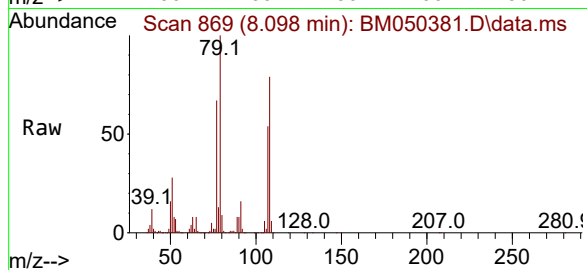
Tgt Ion: 79 Resp: 797306

Ion Ratio Lower Upper

79 100

108 78.7 63.0 94.4

77 66.7 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.896 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

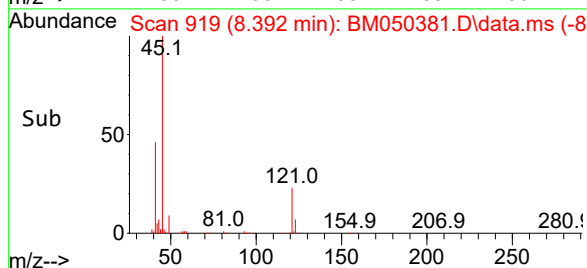
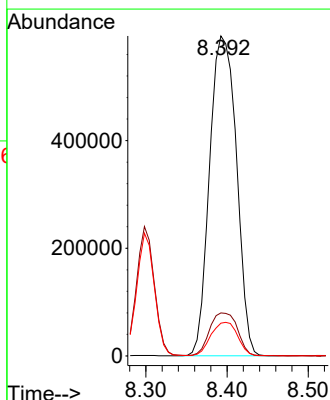
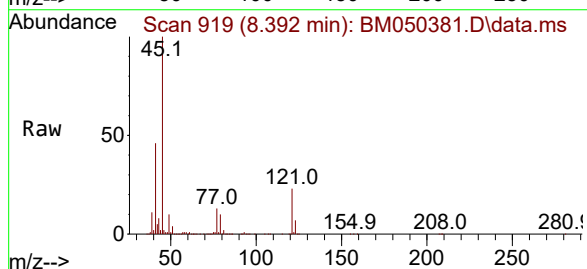
Tgt Ion: 45 Resp: 1367157

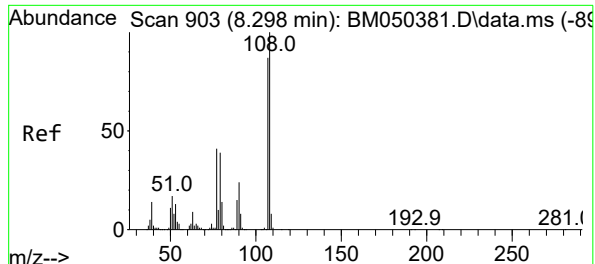
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.5

79 10.3 0.0 30.3





#17

2-Methylphenol

Concen: 39.981 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050381.D

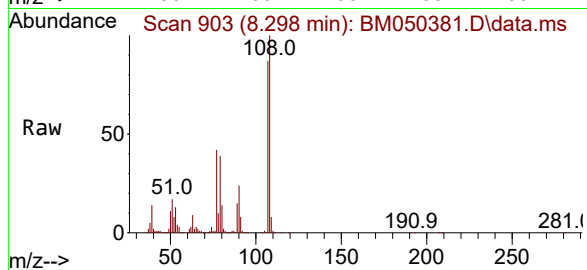
Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

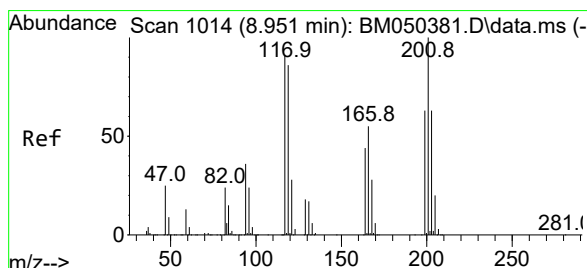
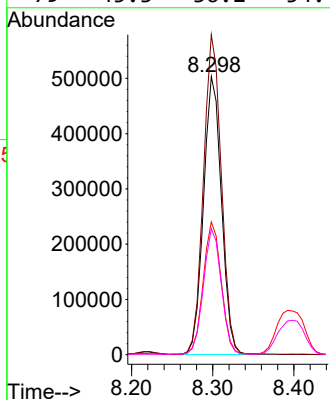
ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 772662

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.1	138.1
77	47.8	38.2	57.4
79	45.3	36.2	54.4



#18

Hexachloroethane

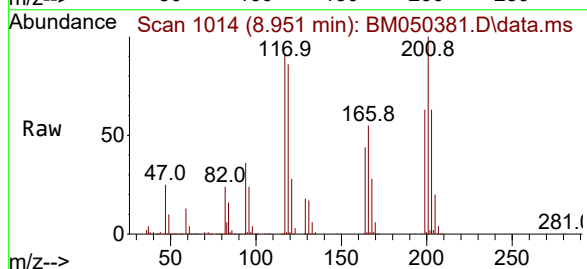
Concen: 38.914 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

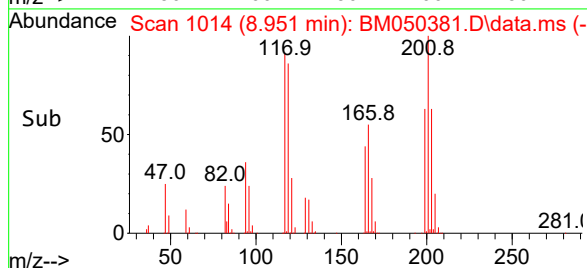
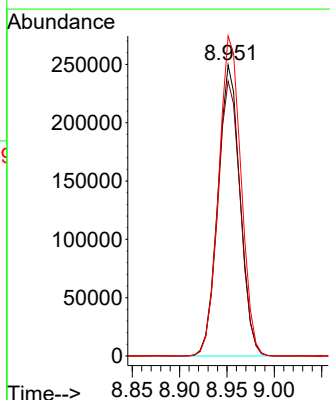
Lab File: BM050381.D

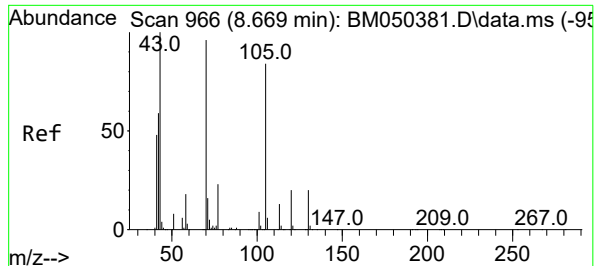
Acq: 08 Jul 2025 15:20



Tgt Ion:117 Resp: 406049

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	109.9	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.065 ng

RT: 8.669 min Scan# 966

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 710692

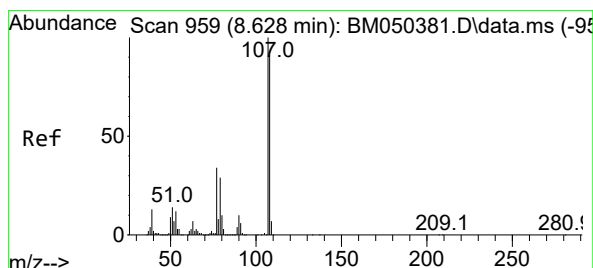
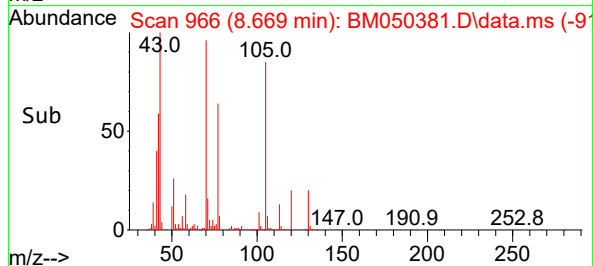
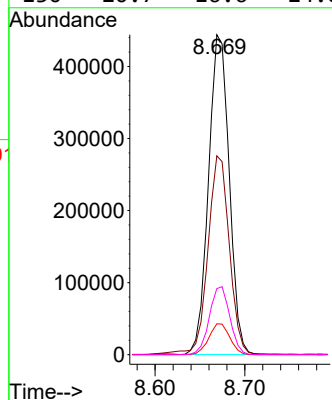
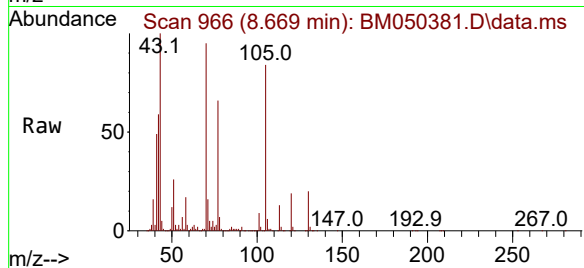
Ion Ratio Lower Upper

70 100

42 62.1 49.7 74.5

101 9.6 7.7 11.5

130 20.7 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.847 ng

RT: 8.628 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion: 107 Resp: 1033775

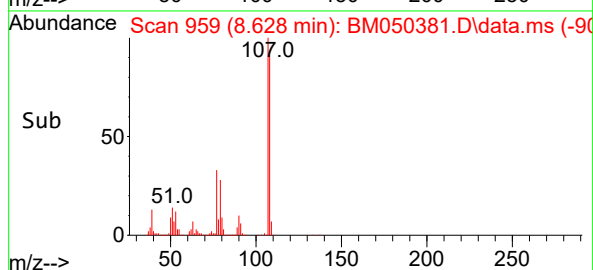
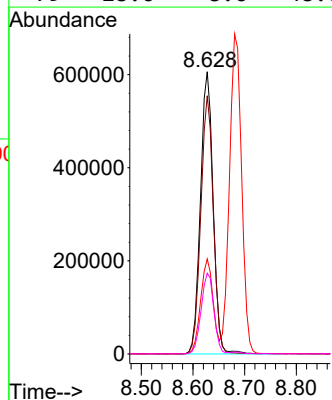
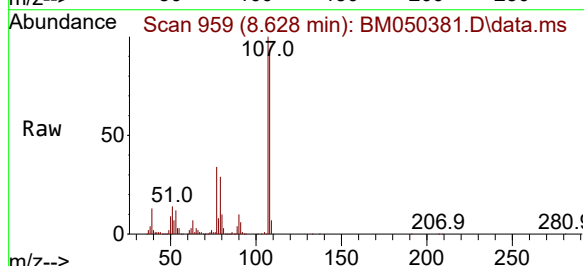
Ion Ratio Lower Upper

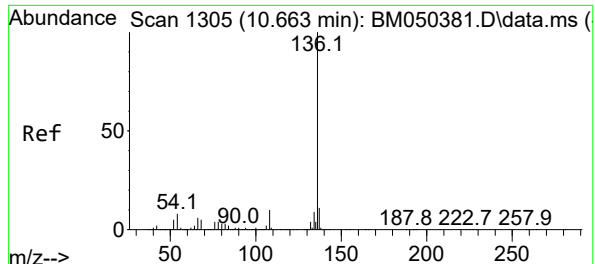
107 100

108 91.5 71.5 111.5

77 33.7 13.7 53.7

79 28.6 8.6 48.6

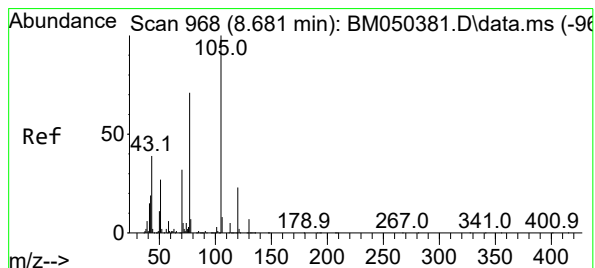
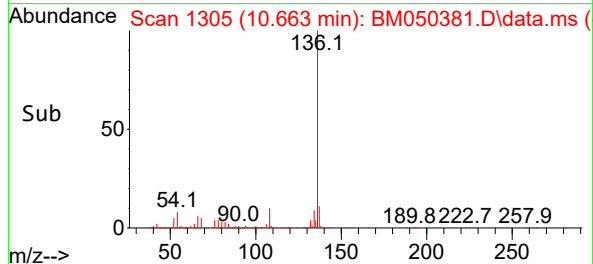
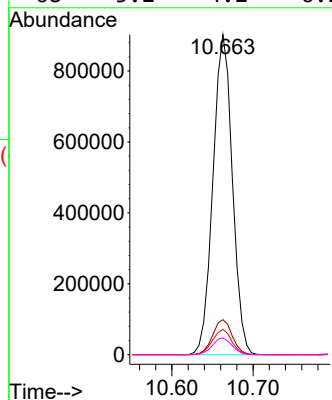
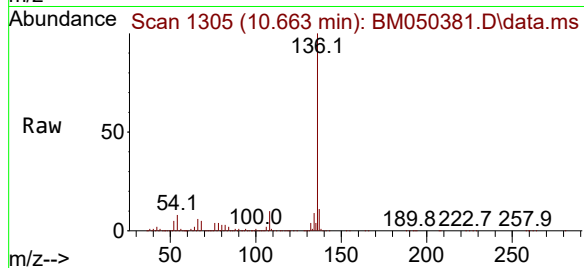




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

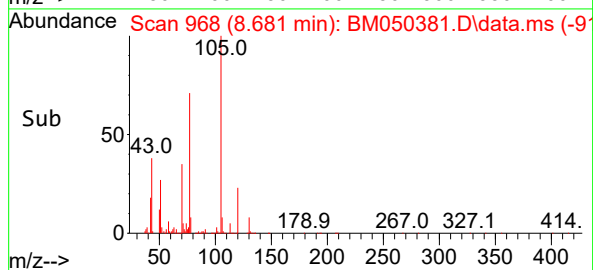
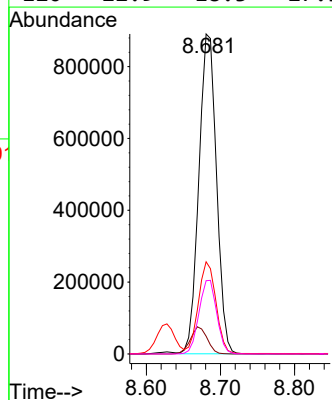
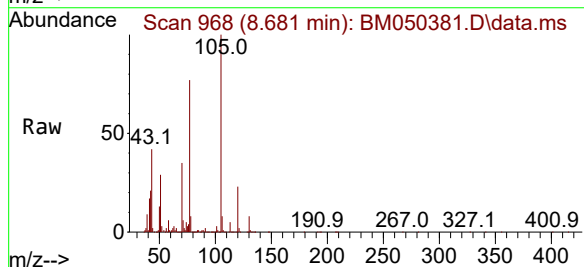
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

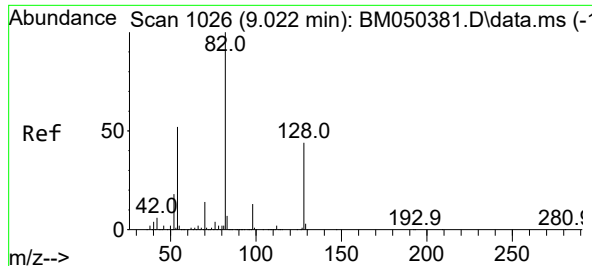
Tgt Ion:136 Resp: 1498318
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 5.2 4.2 6.2



#22
Acetophenone
Concen: 39.290 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:105 Resp: 1471867
Ion Ratio Lower Upper
105 100
71 5.5 4.4 6.6
51 28.8 23.0 34.6
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 80.025 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

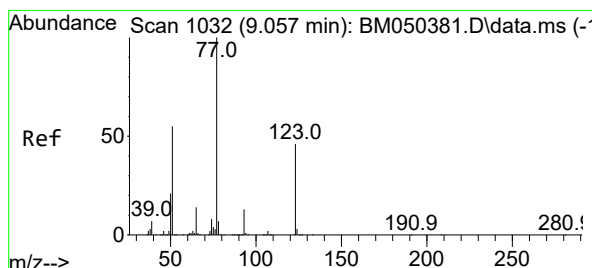
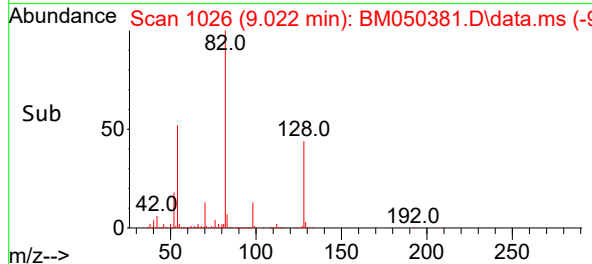
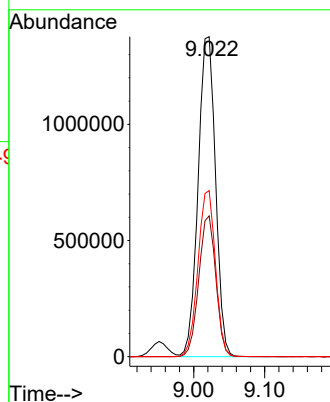
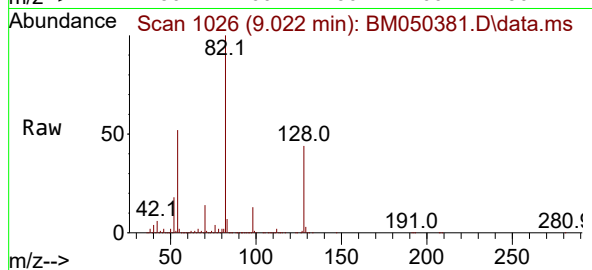
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2350204

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.9	41.5	62.3



#24

Nitrobenzene

Concen: 39.463 ng

RT: 9.057 min Scan# 1032

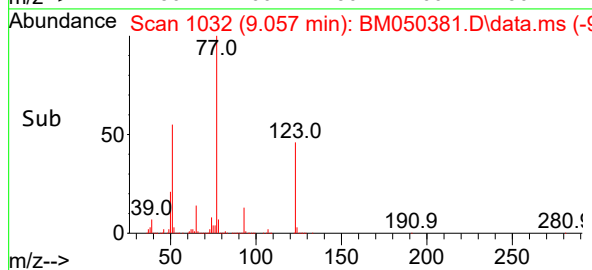
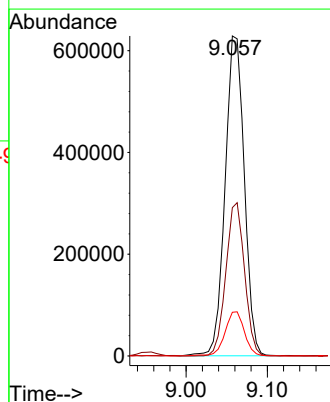
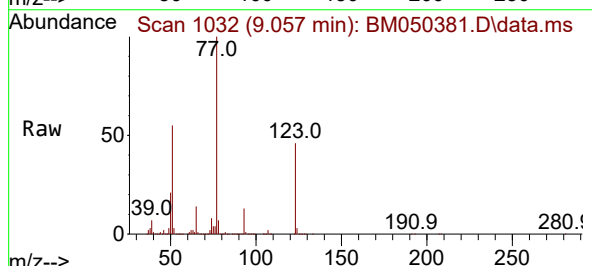
Delta R.T. 0.000 min

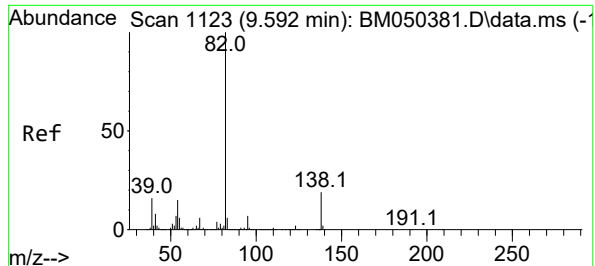
Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion: 77 Resp: 1034216

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.6
65	13.7	11.0	16.4

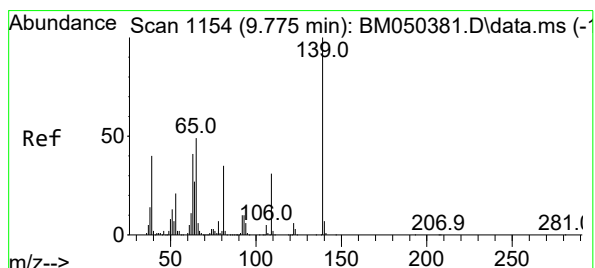
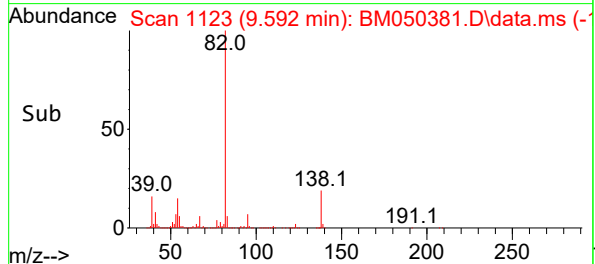
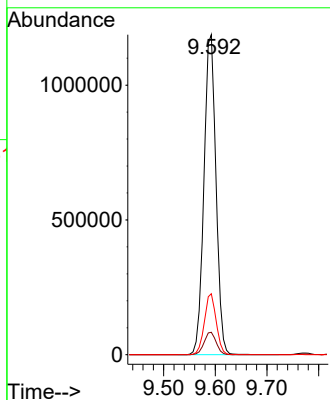
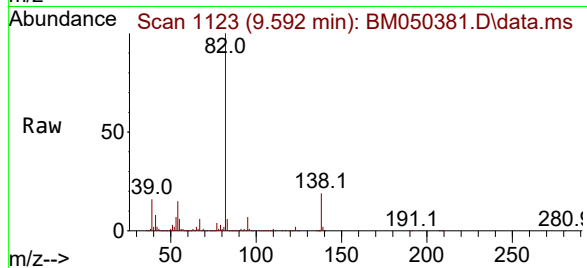




#25
Isophorone
Concen: 40.218 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

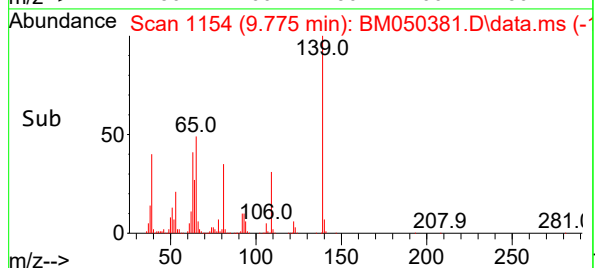
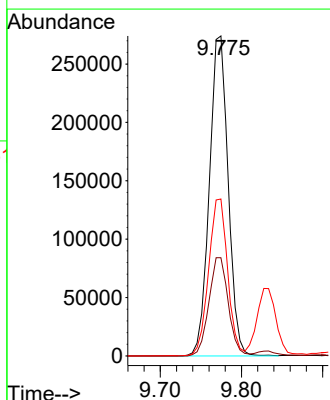
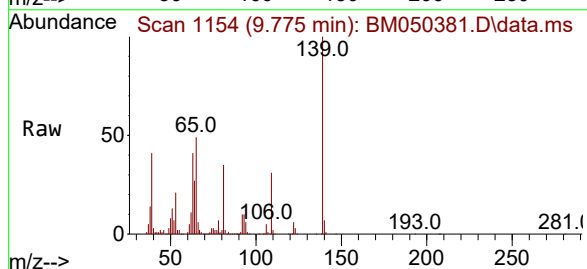
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

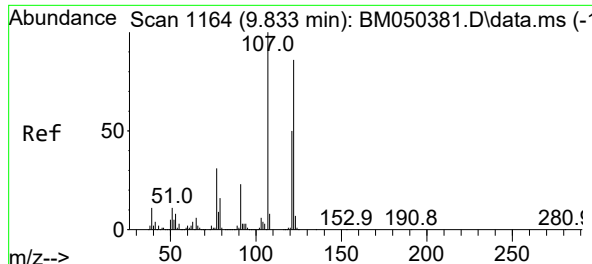
Tgt Ion: 82 Resp: 1916609
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.1 15.3 22.9



#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 139 Resp: 440758
Ion Ratio Lower Upper
139 100
109 30.7 24.6 36.8
65 49.0 39.2 58.8

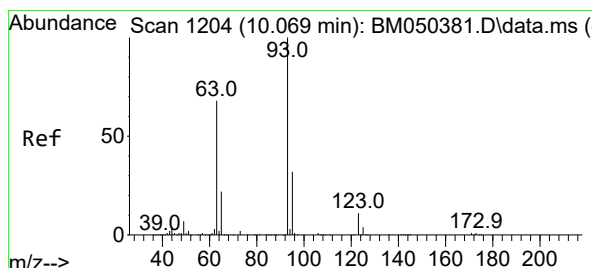
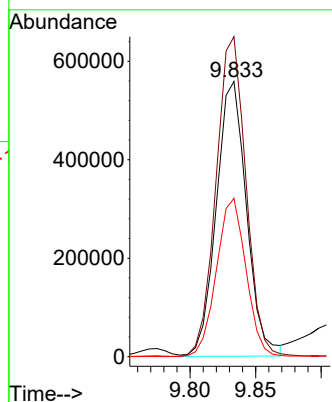
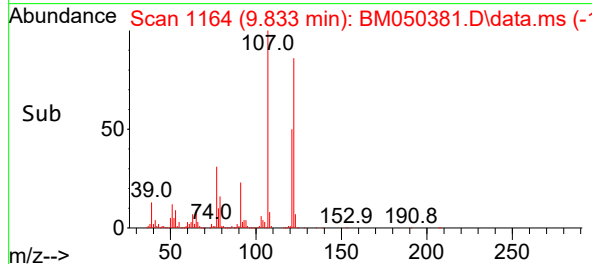
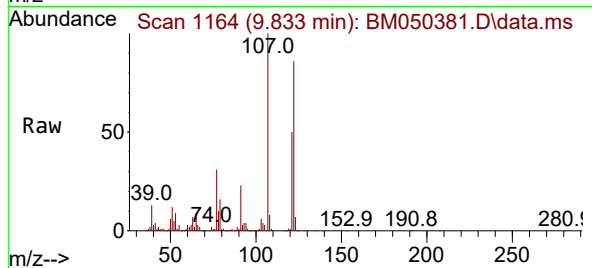




#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 9.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

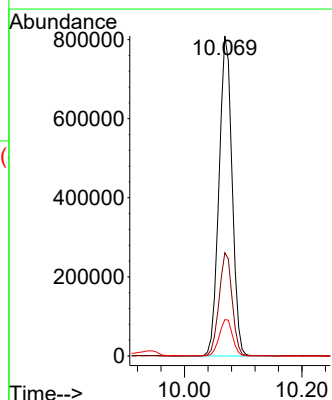
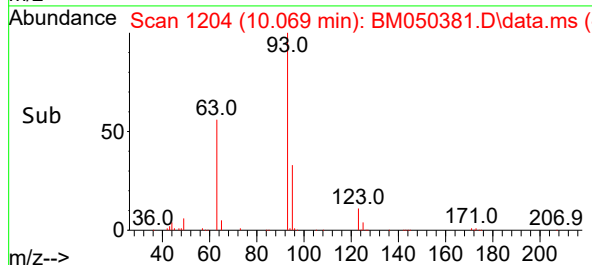
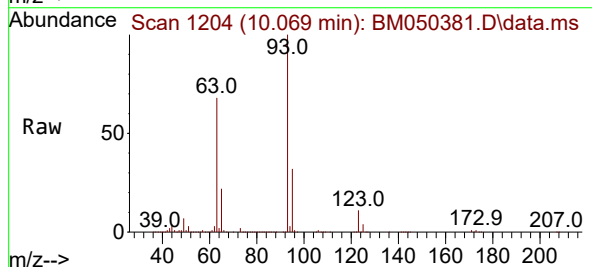
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

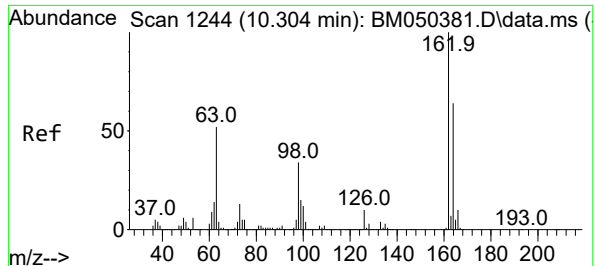
Tgt Ion:122 Resp: 895117
Ion Ratio Lower Upper
122 100
107 116.3 93.0 139.6
121 57.6 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.577 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1249755
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.040 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

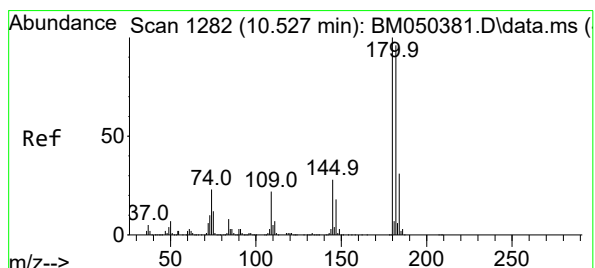
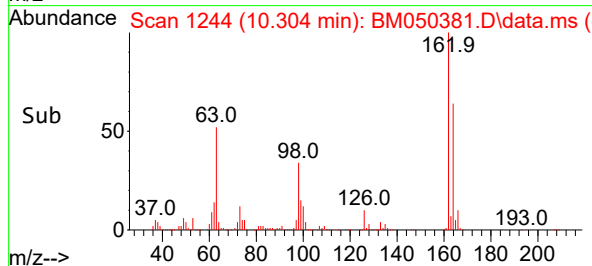
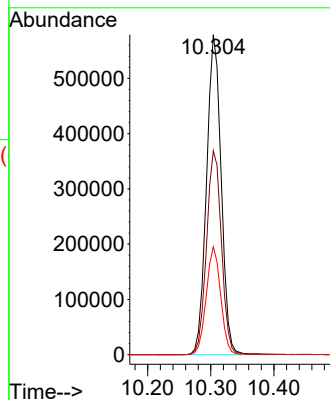
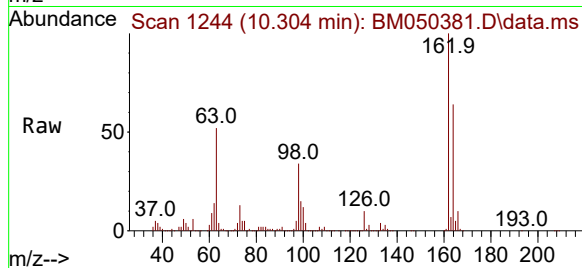
Tgt Ion:162 Resp: 934922

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 33.7 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 38.850 ng

RT: 10.527 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

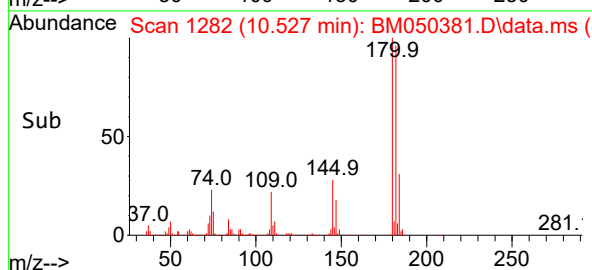
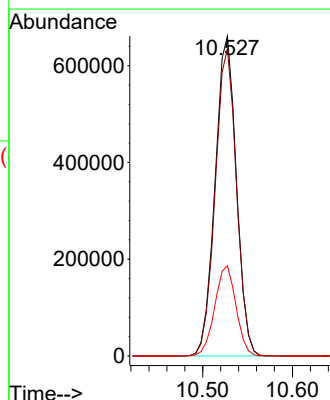
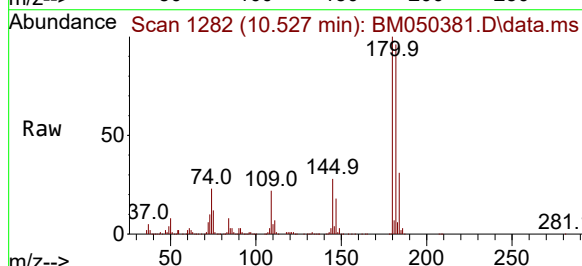
Tgt Ion:180 Resp: 1085193

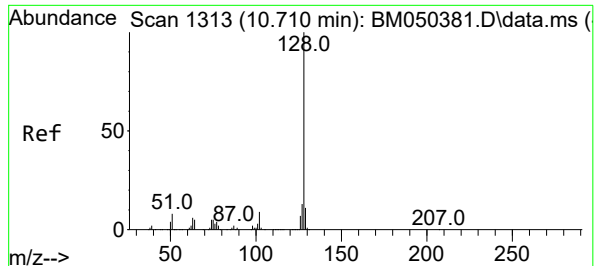
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 28.2 22.6 33.8

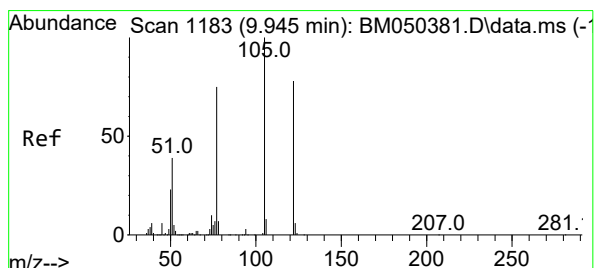
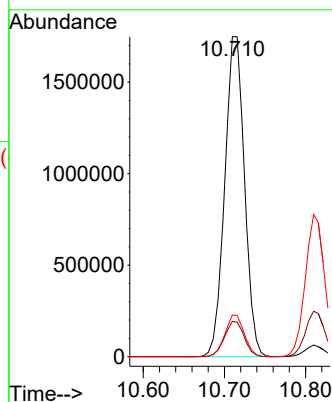
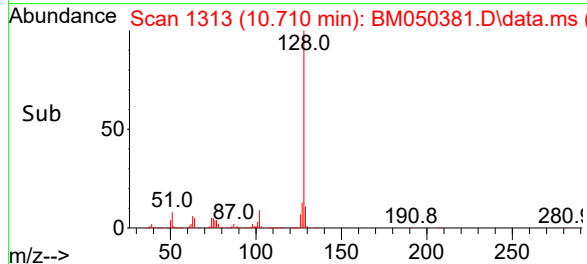
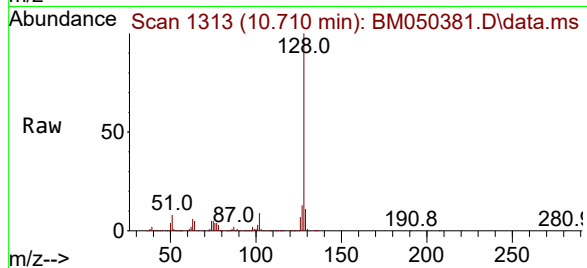




#31
Naphthalene
Concen: 38.905 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

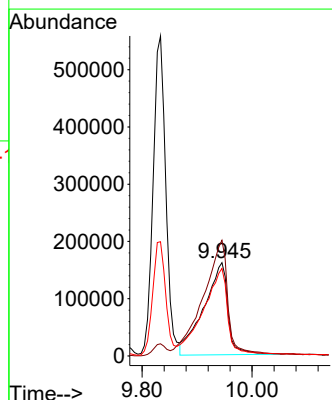
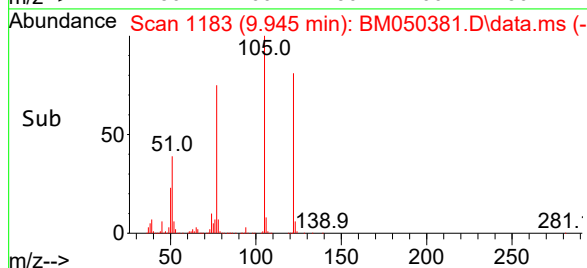
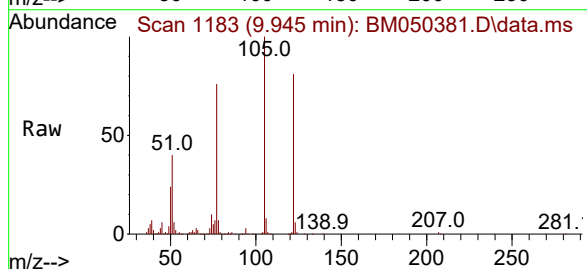
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

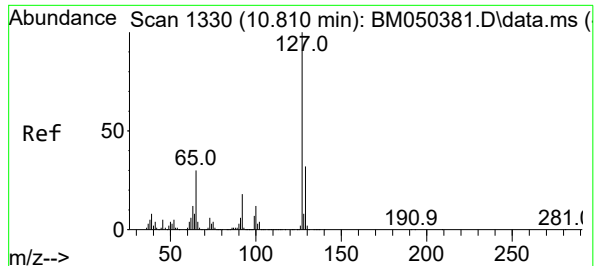
Tgt Ion:128 Resp: 2960809
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 36.793 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:122 Resp: 491059
Ion Ratio Lower Upper
122 100
105 124.0 104.0 144.0
77 93.8 73.8 113.8





#33

4-Chloroaniline

Concen: 39.947 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

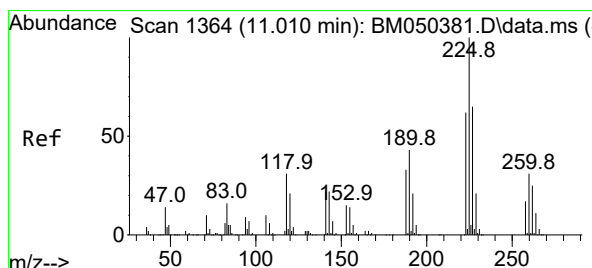
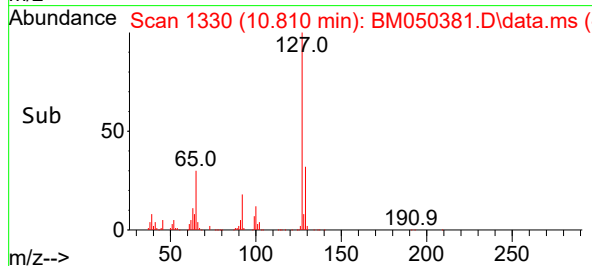
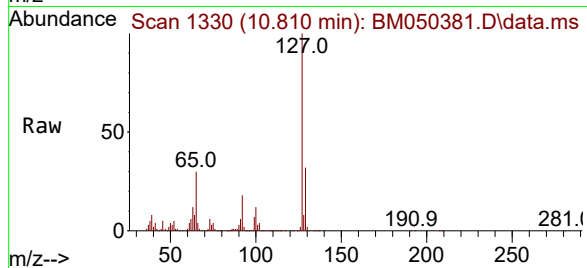
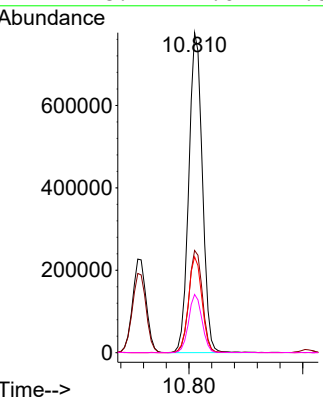
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1285226

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	29.9	23.9	35.9
92	18.2	14.6	21.8



#34

Hexachlorobutadiene

Concen: 38.844 ng

RT: 11.010 min Scan# 1364

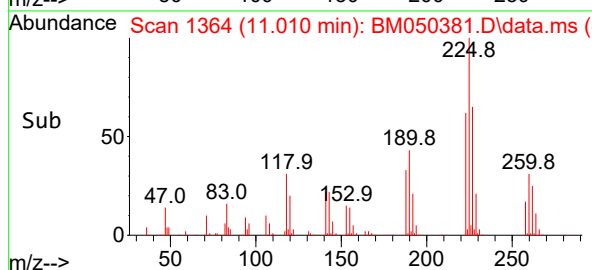
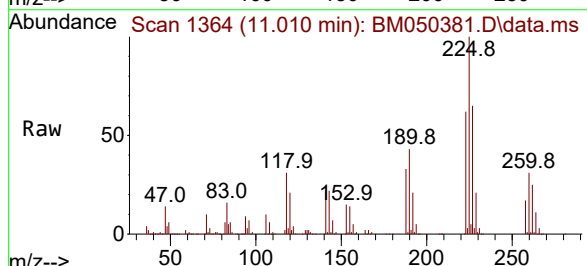
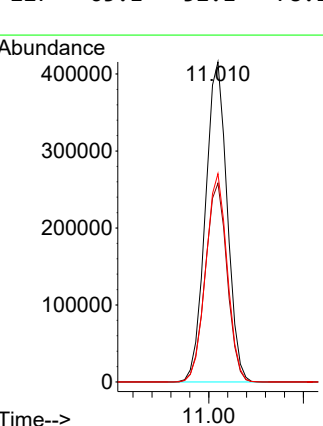
Delta R.T. 0.000 min

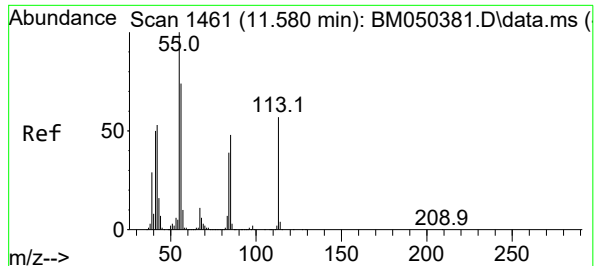
Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion:225 Resp: 662229

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.1	52.1	78.1





#35

Caprolactam

Concen: 40.791 ng

RT: 11.580 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

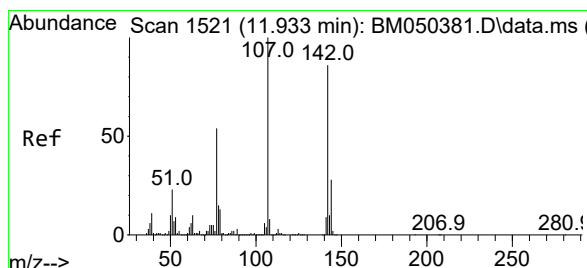
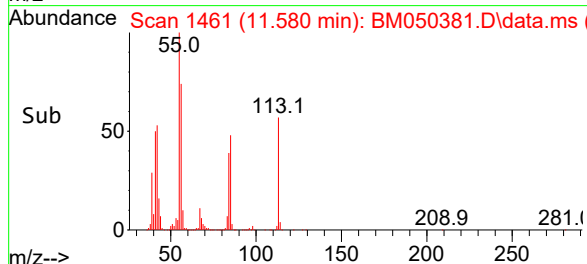
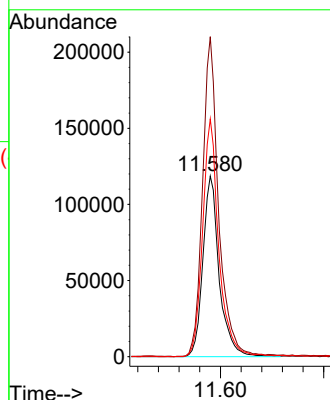
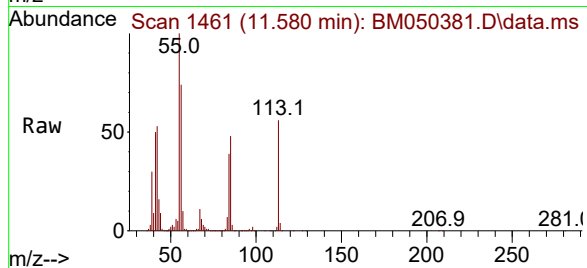
Tgt Ion:113 Resp: 260010

Ion Ratio Lower Upper

113 100

55 177.2 157.2 197.2

56 131.7 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 40.538 ng

RT: 11.933 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

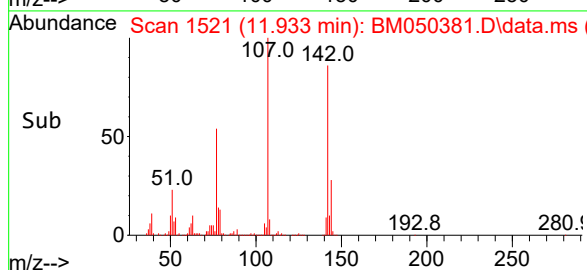
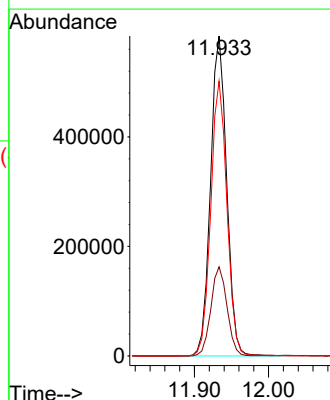
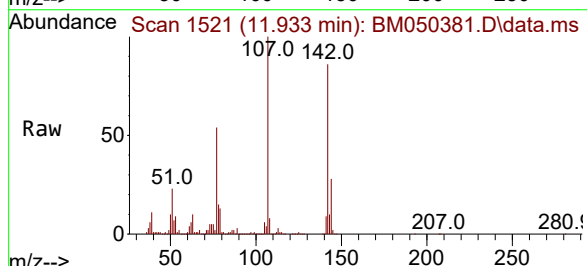
Tgt Ion:107 Resp: 883903

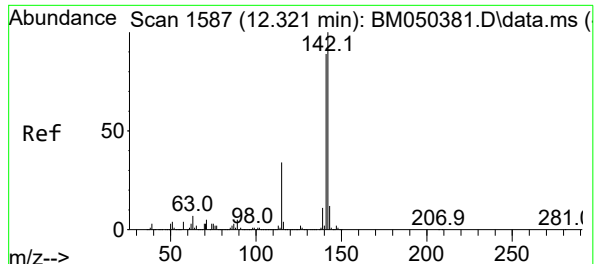
Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.4

142 85.9 68.7 103.1

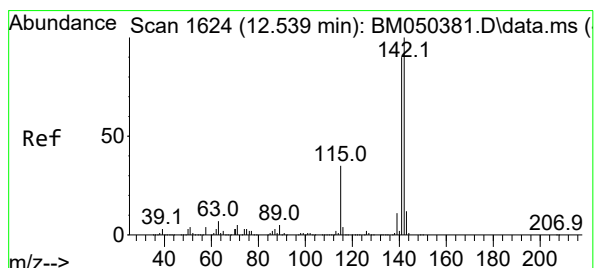
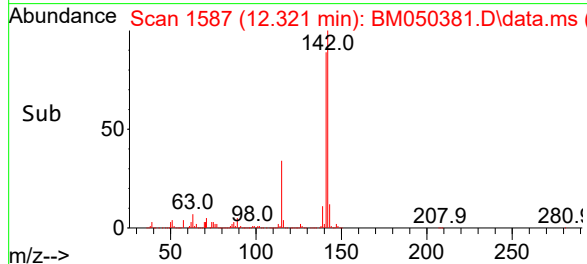
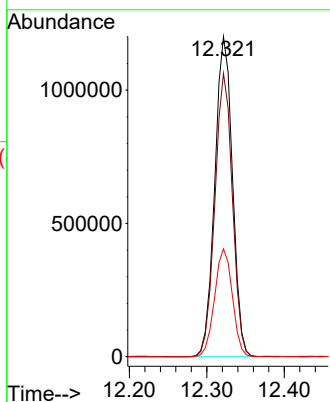
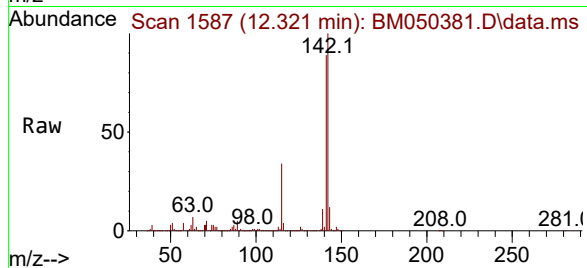




#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 12.321 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

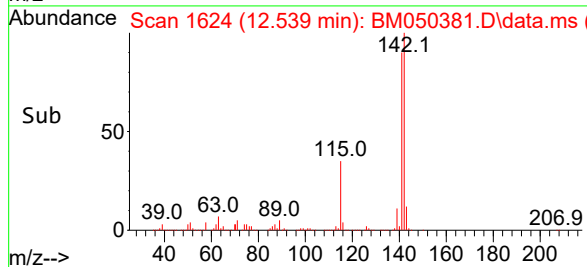
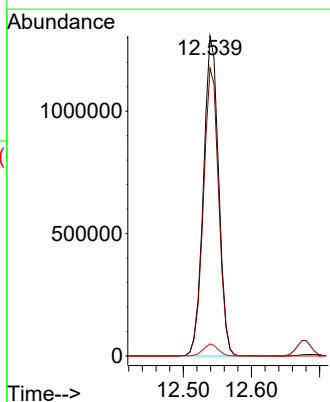
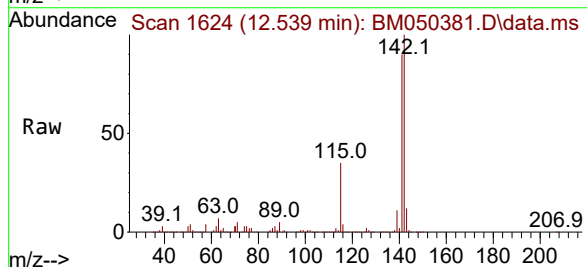
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

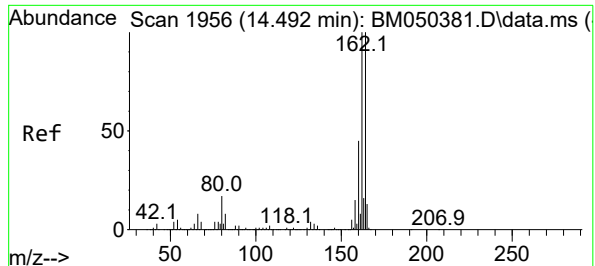
Tgt Ion:142 Resp: 1901706
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 33.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 39.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:142 Resp: 2017118
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

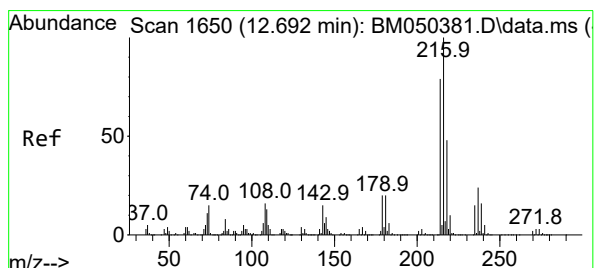
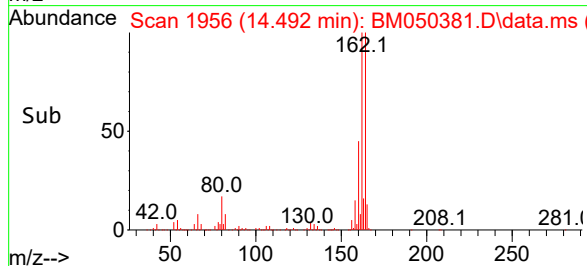
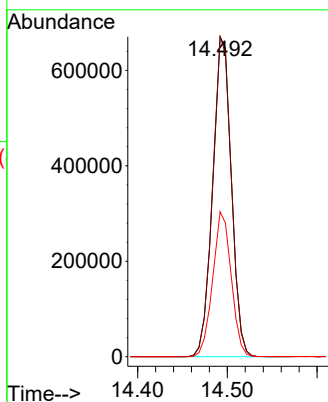
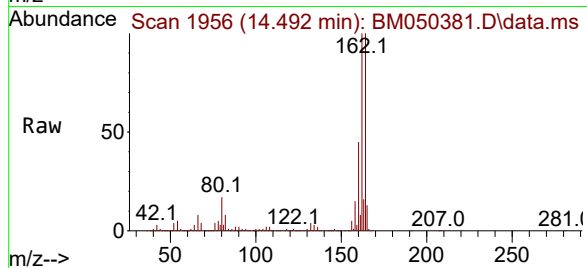
Tgt Ion:164 Resp: 967077

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.134 ng

RT: 12.692 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion:216 Resp: 1203524

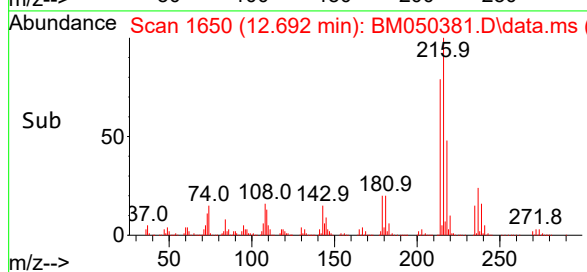
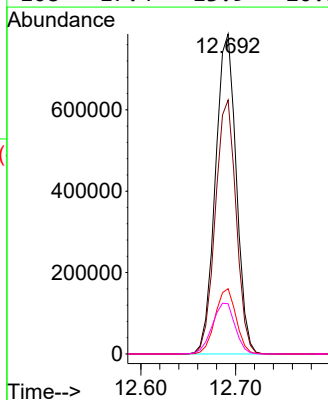
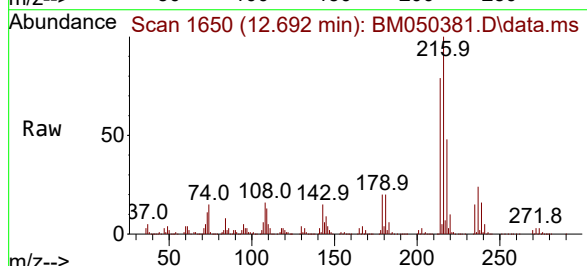
Ion Ratio Lower Upper

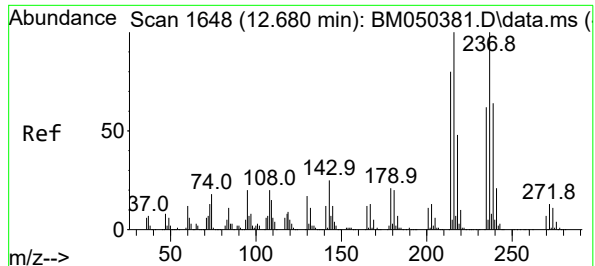
216 100

214 79.1 63.3 94.9

179 20.5 16.4 24.6

108 17.4 13.9 20.9

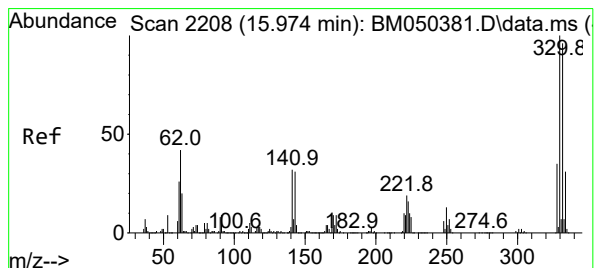
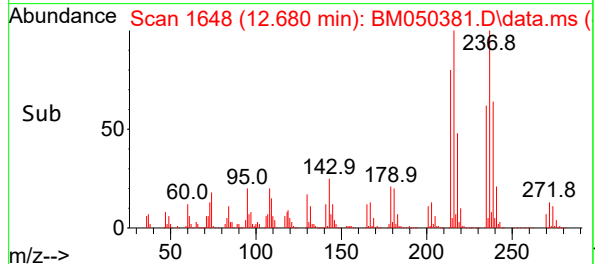
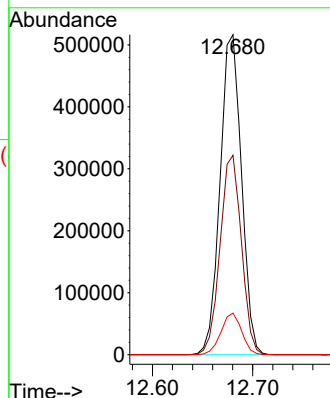
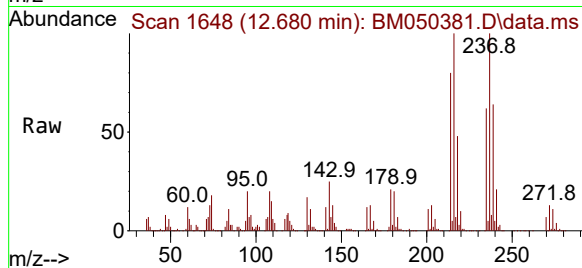




#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 12.680 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

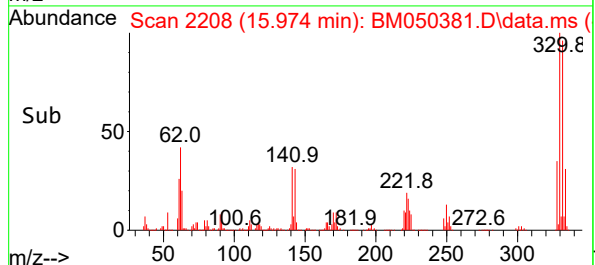
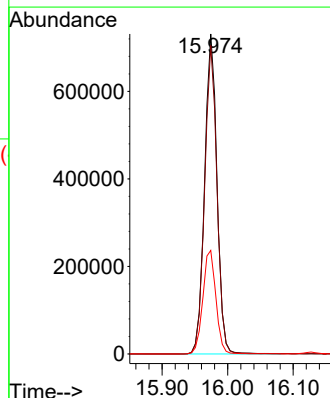
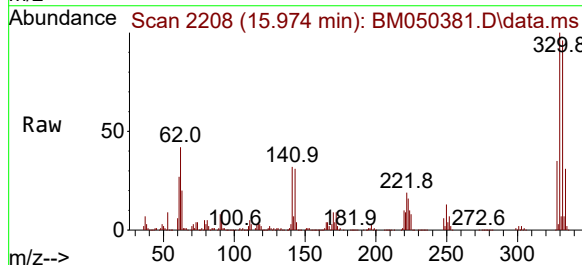
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

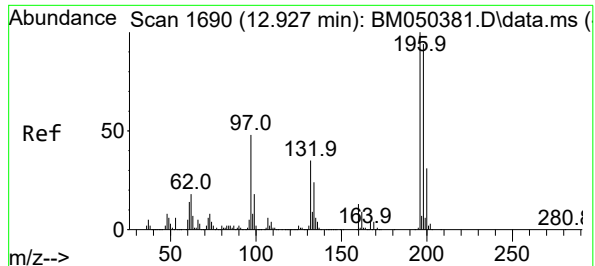
Tgt Ion:237 Resp: 765708
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.0 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 81.797 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:330 Resp: 961125
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 34.2 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 40.252 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

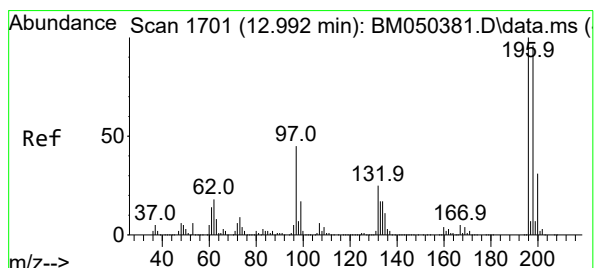
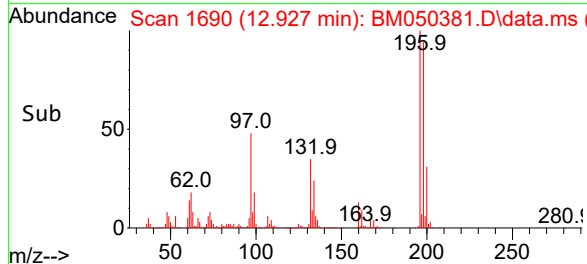
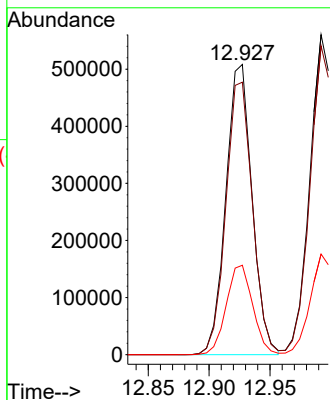
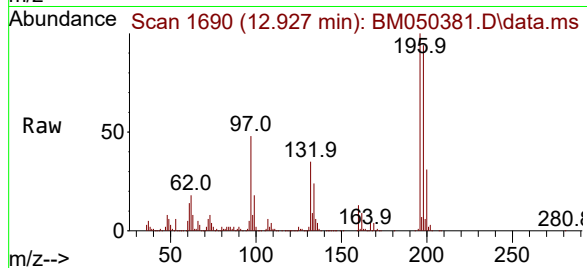
Tgt Ion:196 Resp: 761982

Ion Ratio Lower Upper

196 100

198 93.9 75.1 112.7

200 30.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 40.202 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion:196 Resp: 831142

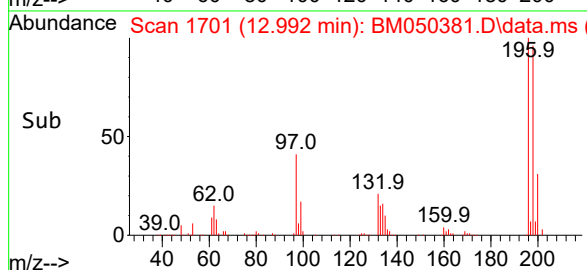
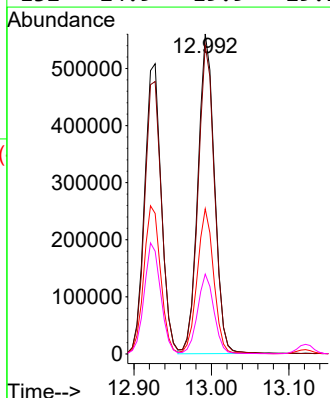
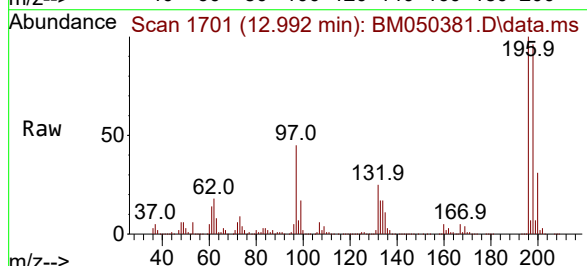
Ion Ratio Lower Upper

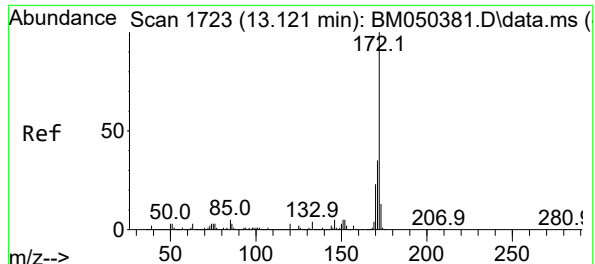
196 100

198 96.5 77.2 115.8

97 45.3 36.2 54.4

132 24.9 19.9 29.9

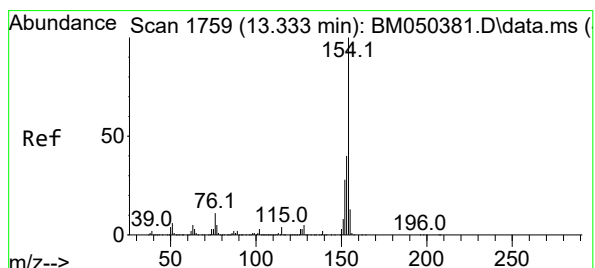
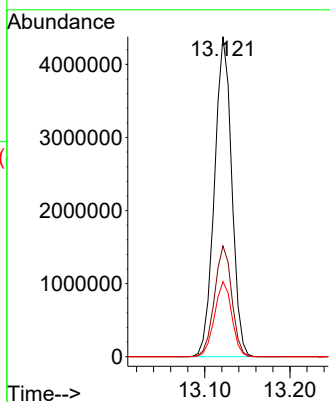
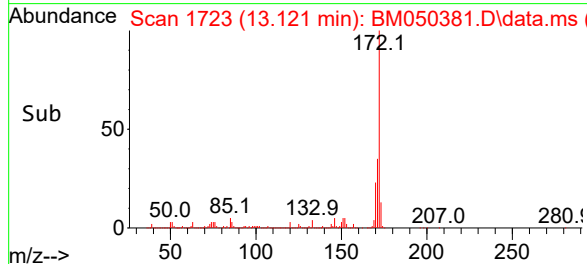
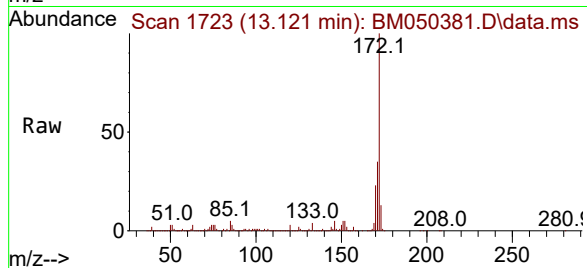




#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

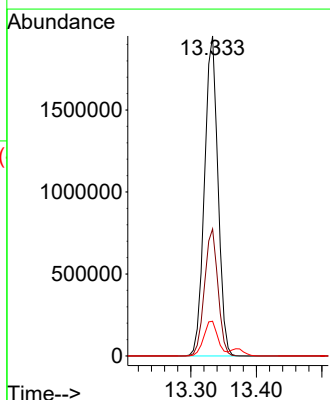
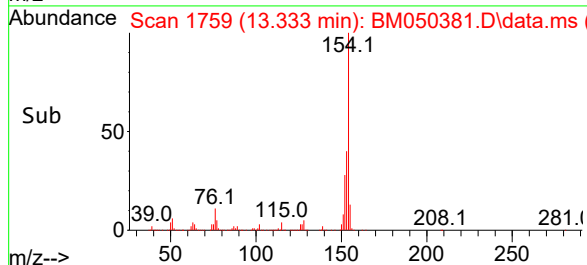
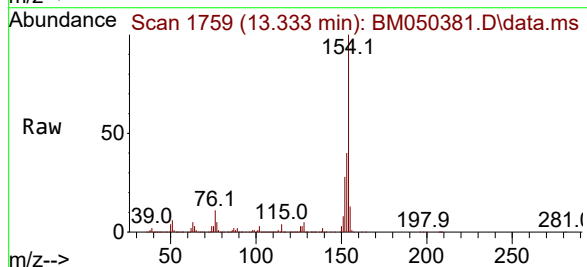
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

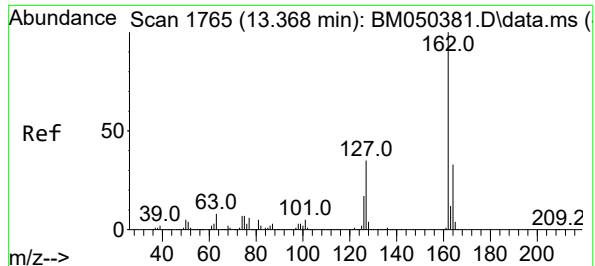
Tgt Ion:172 Resp: 6157884
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 38.832 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2786215
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 38.889 ng

RT: 13.368 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

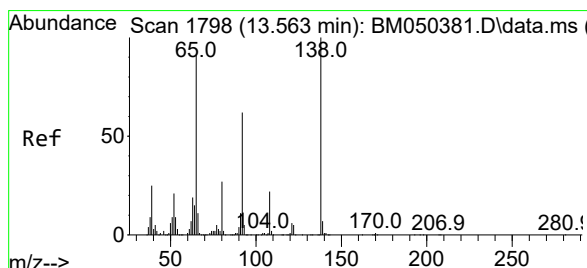
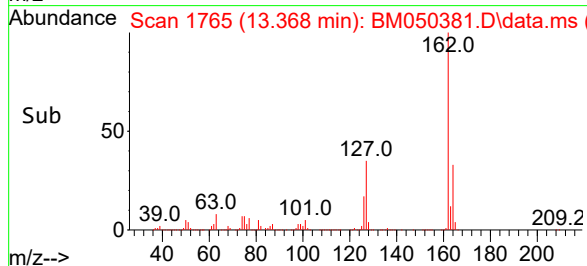
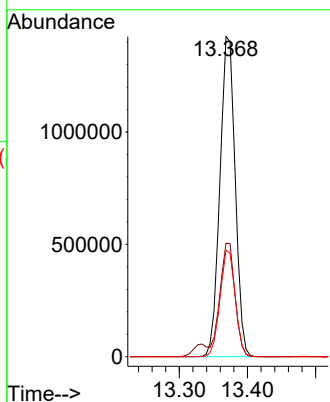
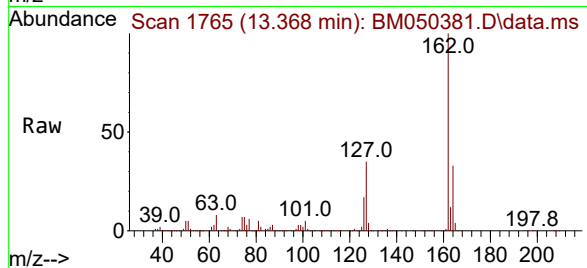
Tgt Ion:162 Resp: 2224727

Ion Ratio Lower Upper

162 100

127 35.4 28.3 42.5

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 42.165 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

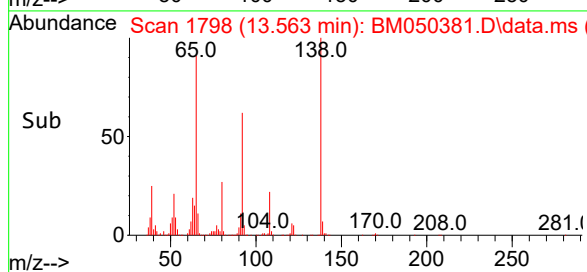
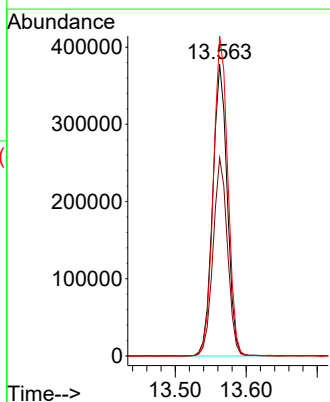
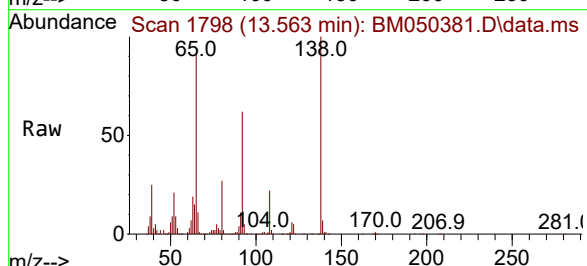
Tgt Ion: 65 Resp: 538415

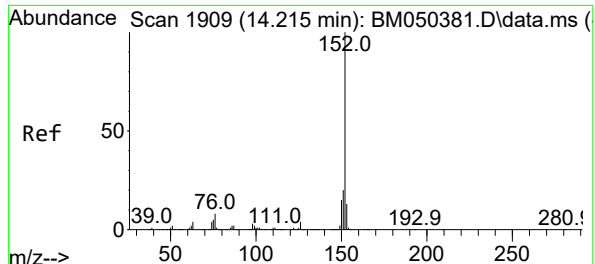
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 109.7 87.8 131.6





#49

Acenaphthylene

Concen: 39.714 ng

RT: 14.215 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

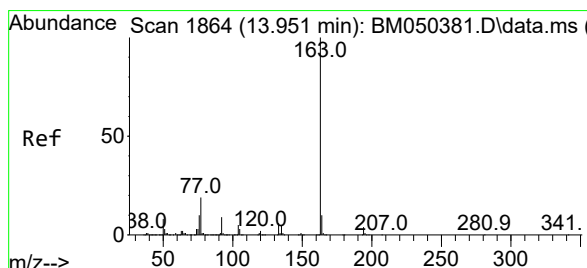
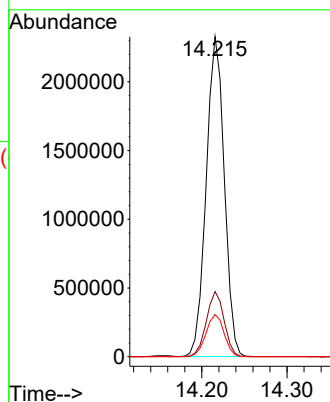
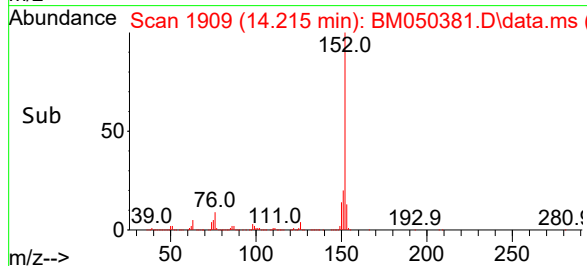
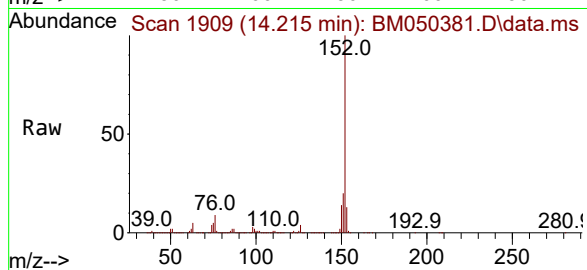
Tgt Ion:152 Resp: 3433586

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 39.248 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

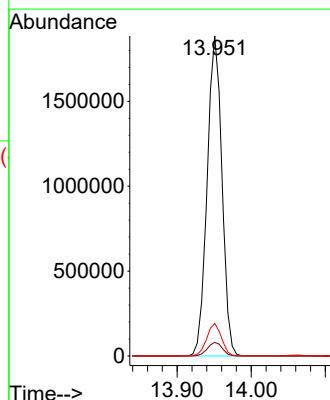
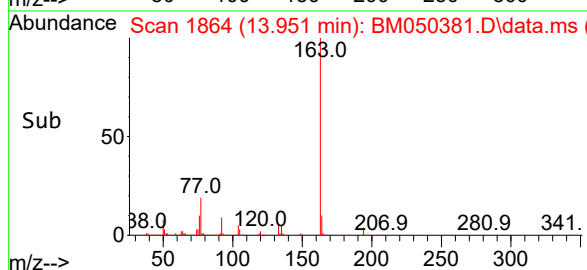
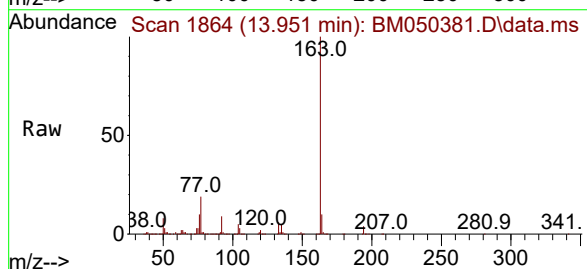
Tgt Ion:163 Resp: 2613190

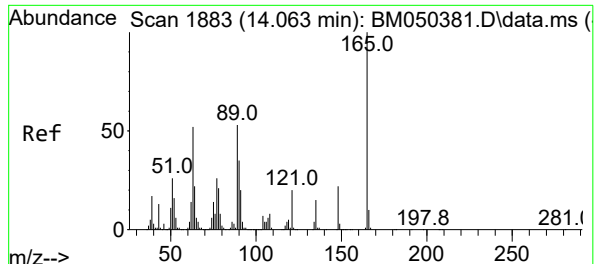
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

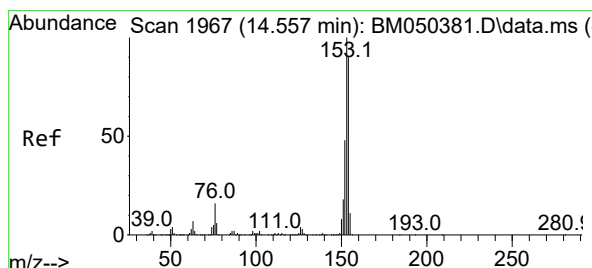
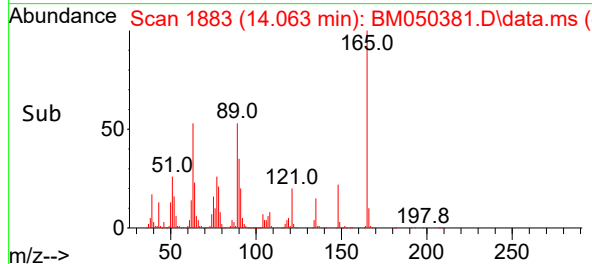
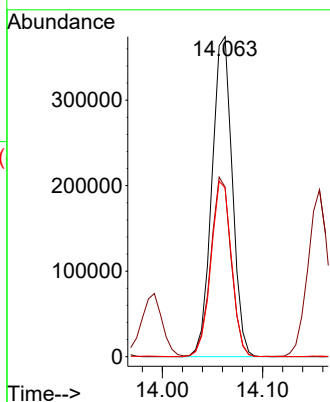
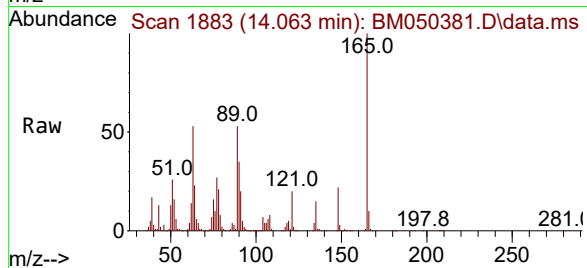




#51
2,6-Dinitrotoluene
Concen: 41.362 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

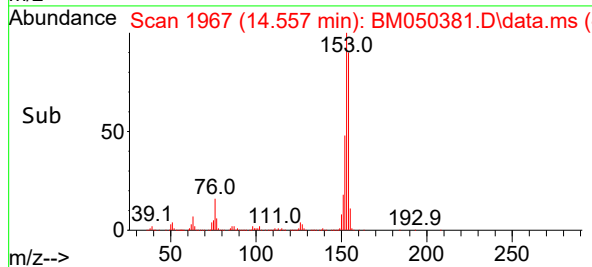
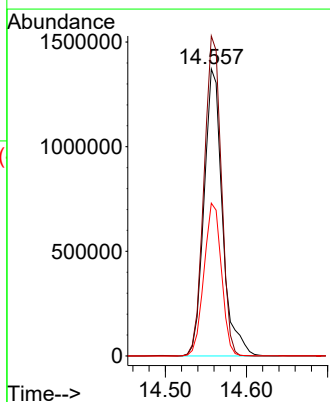
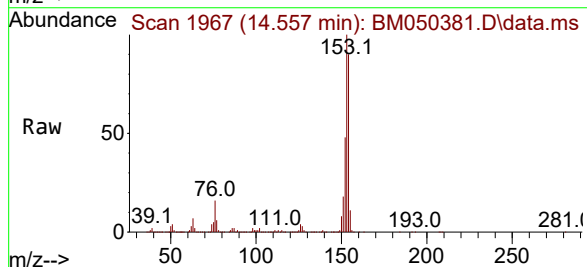
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

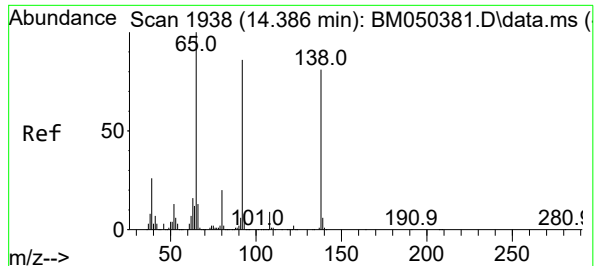
Tgt Ion:165 Resp: 528767
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 52.7 42.2 63.2



#52
Acenaphthene
Concen: 39.080 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2148079
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 53.3 42.6 64.0

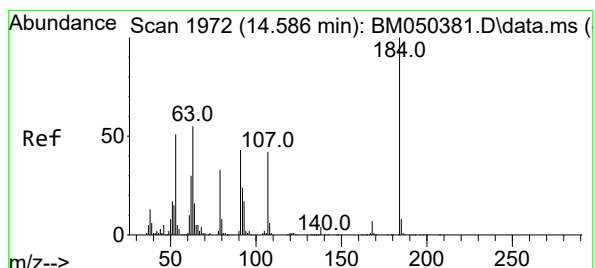
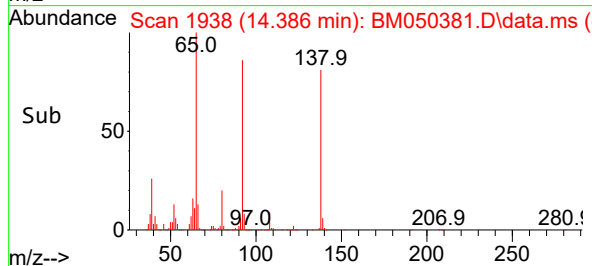
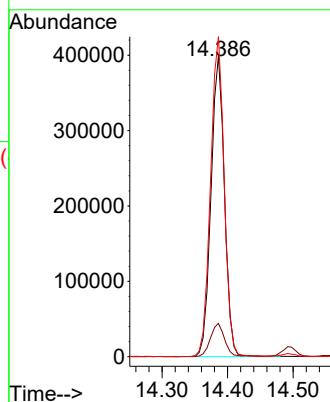
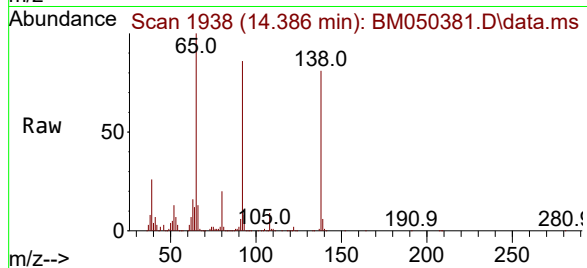




#53
3-Nitroaniline
Concen: 41.832 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

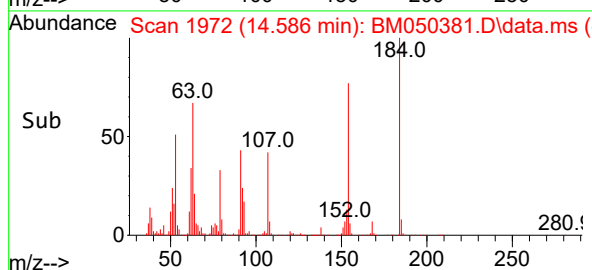
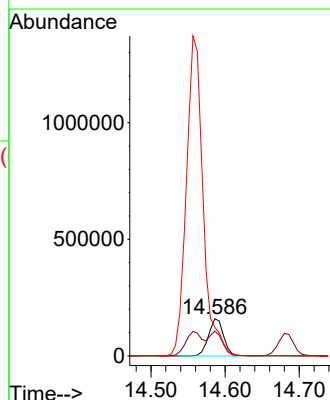
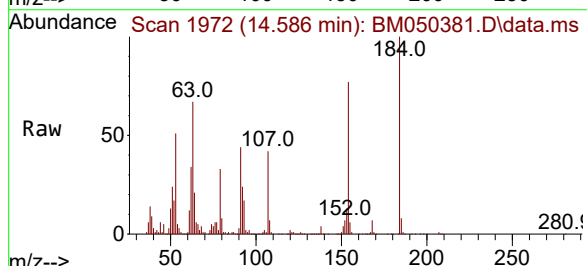
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

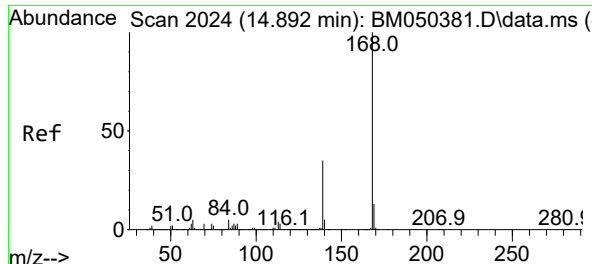
Tgt Ion:138 Resp: 568716
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 106.3 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 35.873 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:184 Resp: 225952
Ion Ratio Lower Upper
184 100
63 66.7 53.4 80.0
154 77.0 61.6 92.4





#55

Dibenzenofuran

Concen: 39.024 ng

RT: 14.892 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

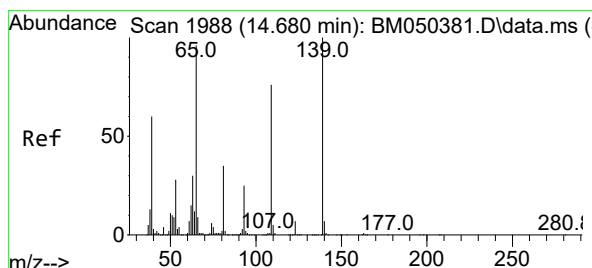
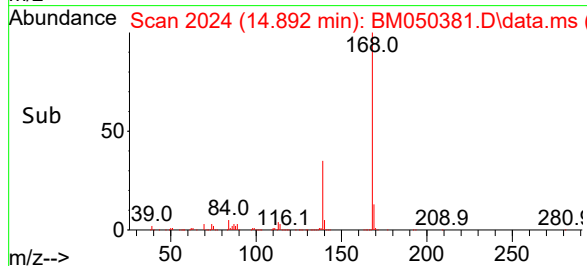
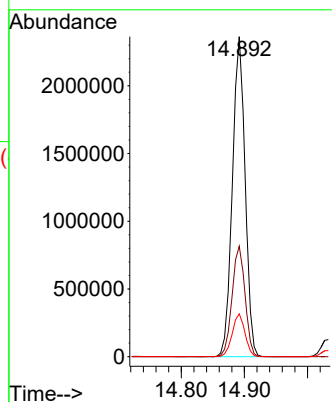
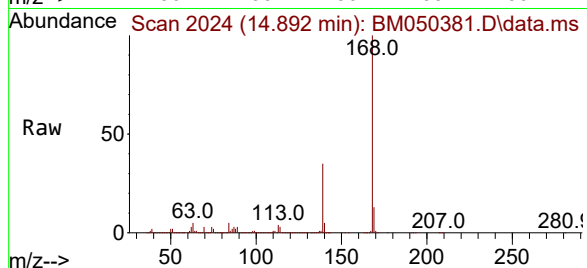
Tgt Ion:168 Resp: 3305040

Ion Ratio Lower Upper

168 100

139 34.6 27.7 41.5

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 40.504 ng

RT: 14.680 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

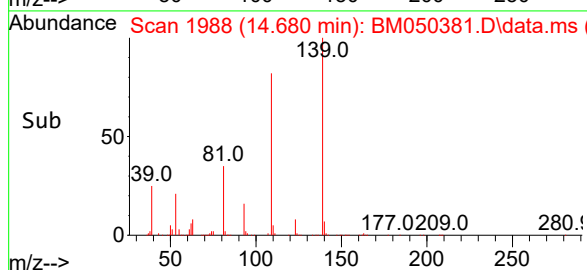
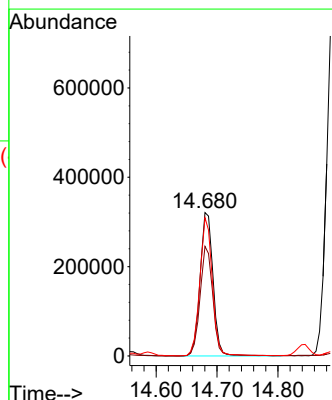
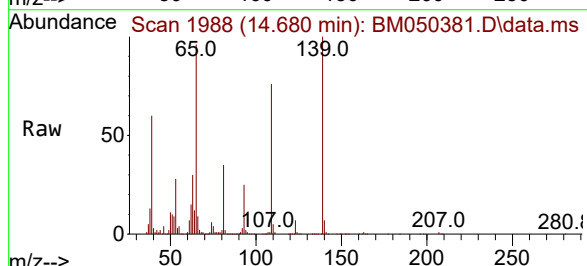
Tgt Ion:139 Resp: 473550

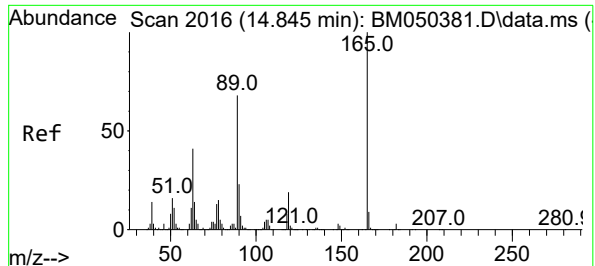
Ion Ratio Lower Upper

139 100

109 76.5 56.5 96.5

65 96.4 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 38.104 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM050381.D

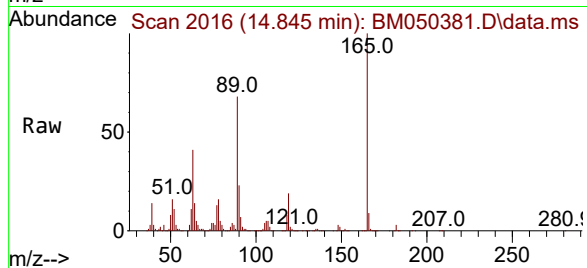
Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:165 Resp: 717807

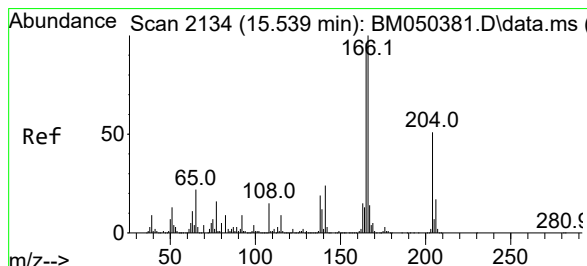
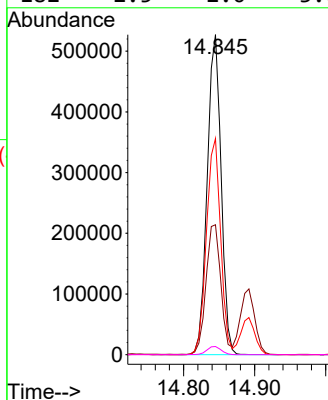
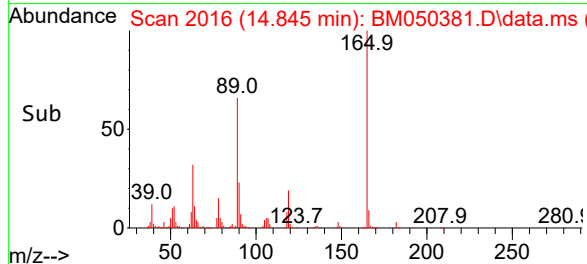
Ion Ratio Lower Upper

165 100

63 40.6 32.5 48.7

89 67.5 54.0 81.0

182 2.5 2.0 3.0



#58

Fluorene

Concen: 39.349 ng

RT: 15.539 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

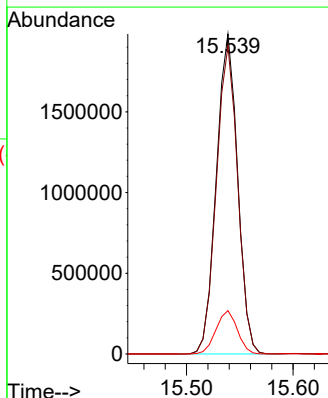
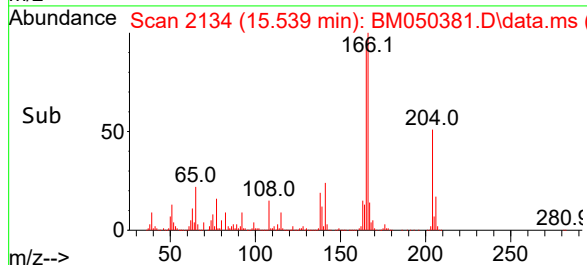
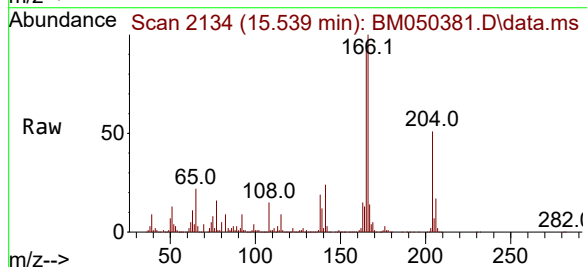
Tgt Ion:166 Resp: 2744882

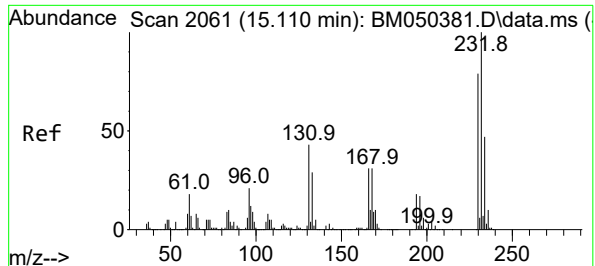
Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

167 13.6 10.9 16.3

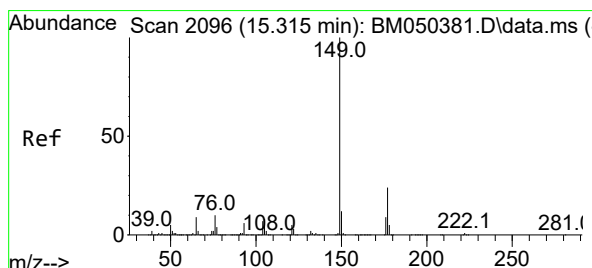
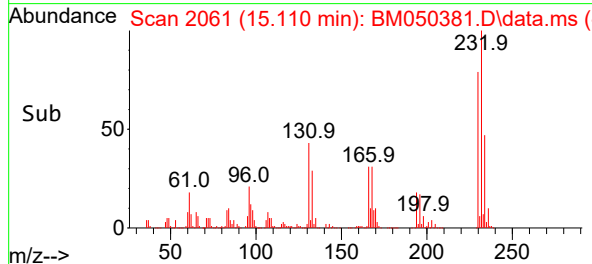
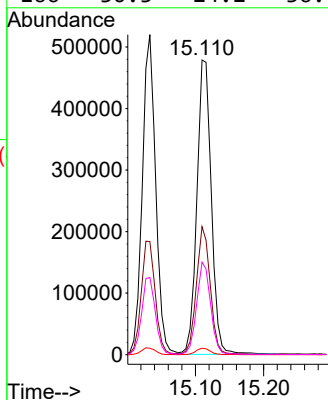
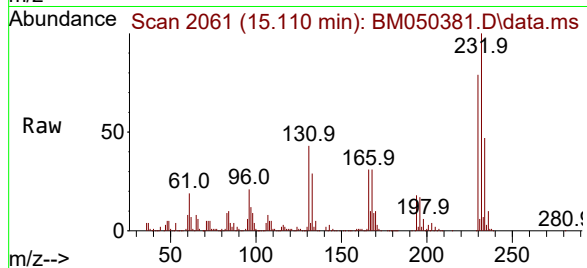




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.512 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

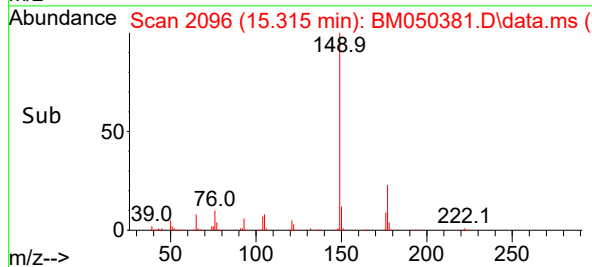
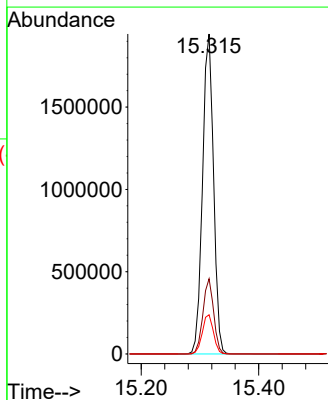
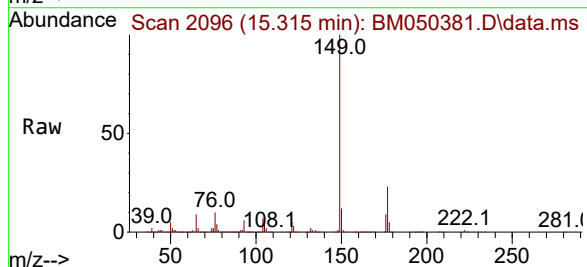
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

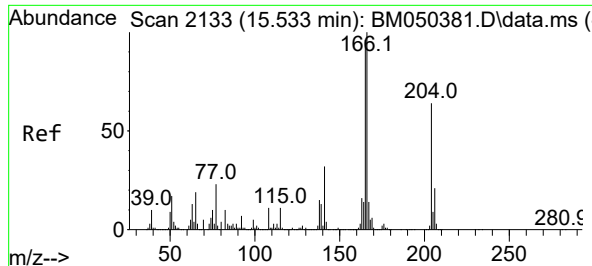
Tgt Ion:232 Resp: 705044
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.2 1.8 2.6
166 30.3 24.2 36.4



#60
Diethylphthalate
Concen: 39.811 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2532007
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.3 9.8 14.8

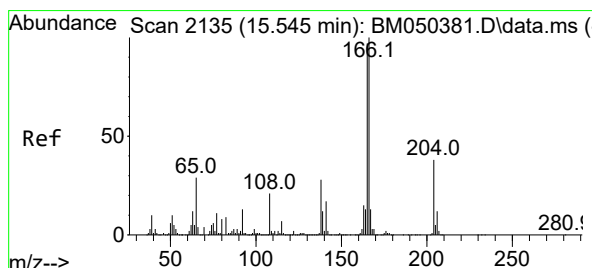
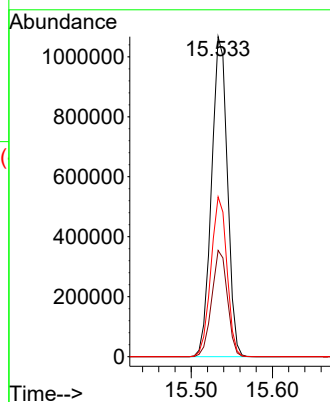
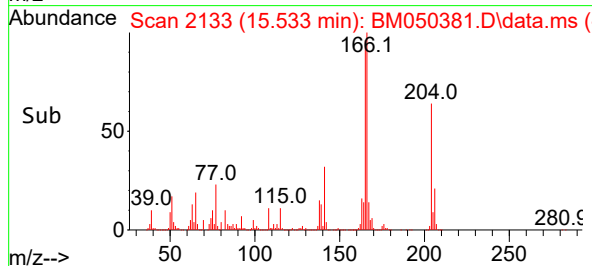
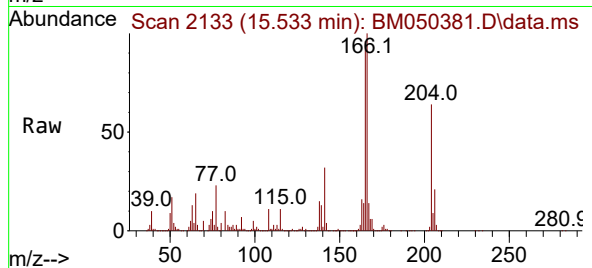




#61
4-Chlorophenyl-phenylether
Concen: 39.586 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

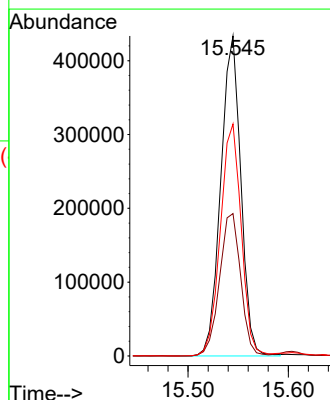
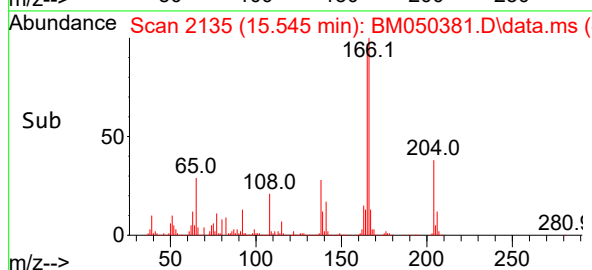
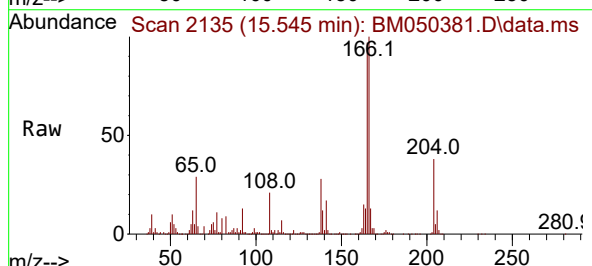
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

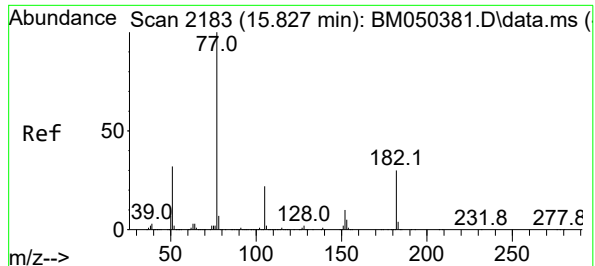
Tgt Ion:204 Resp: 1443937
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 49.9 39.9 59.9



#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:138 Resp: 602257
Ion Ratio Lower Upper
138 100
92 44.5 24.5 64.5
108 72.5 52.5 92.5

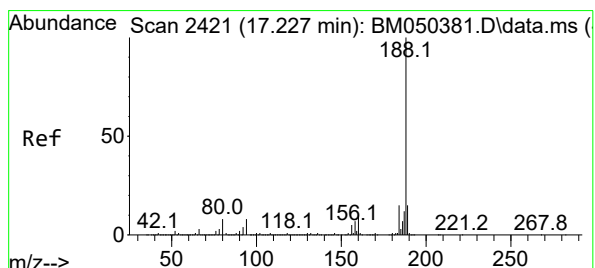
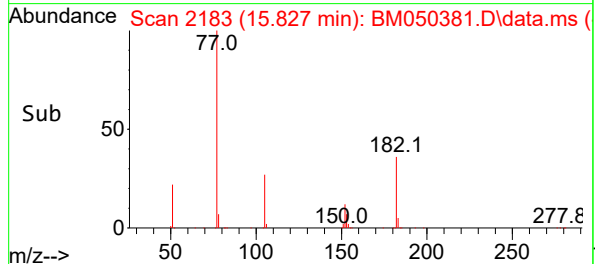
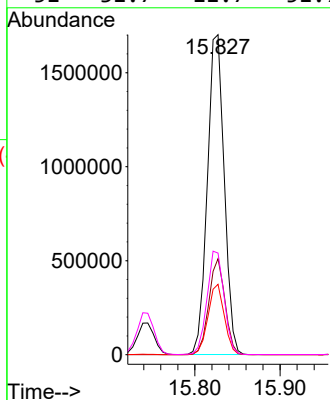
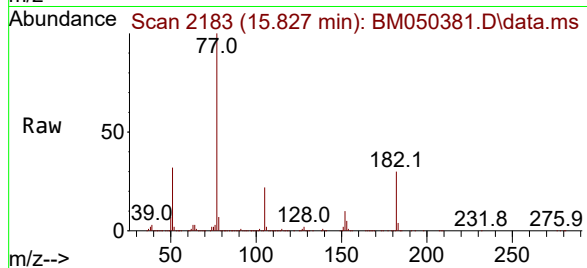




#63
Azobenzene
Concen: 40.021 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

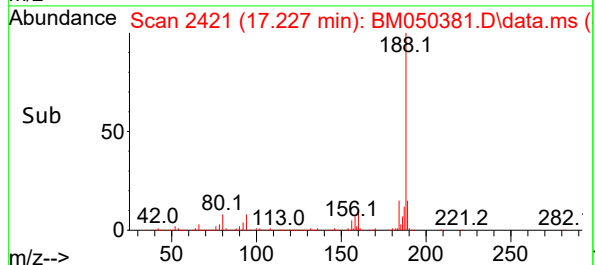
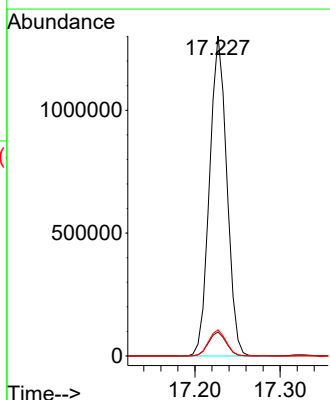
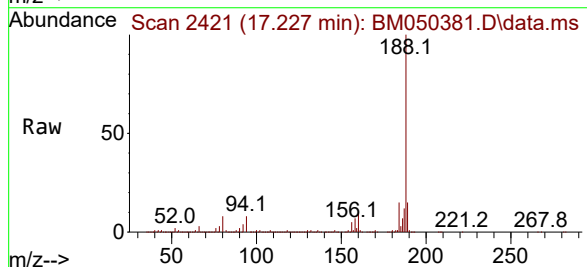
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

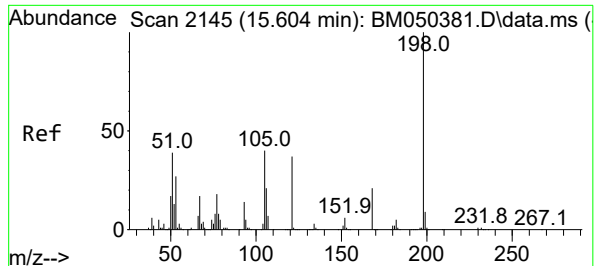
Tgt Ion: 77 Resp: 2337291
Ion Ratio Lower Upper
77 100
182 30.0 10.0 50.0
105 22.0 2.0 42.0
51 31.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 188 Resp: 1834050
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.1 6.5 9.7

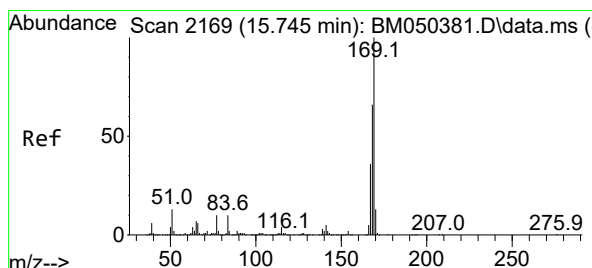
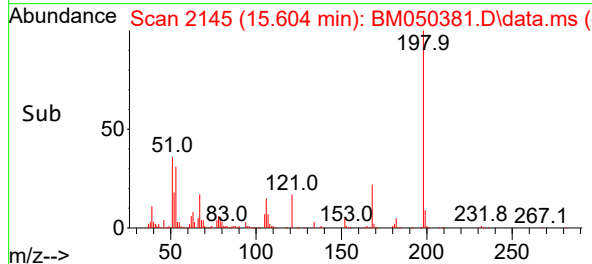
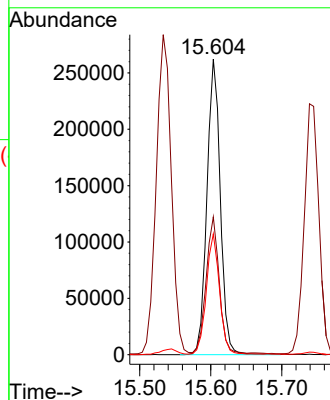
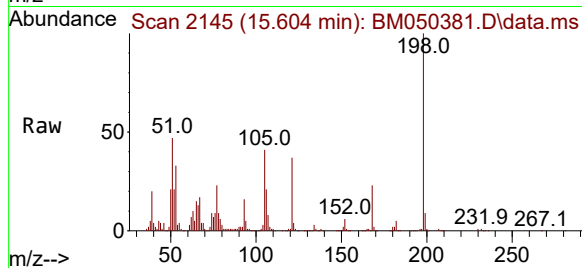




#65
4,6-Dinitro-2-methylphenol
Concen: 36.538 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

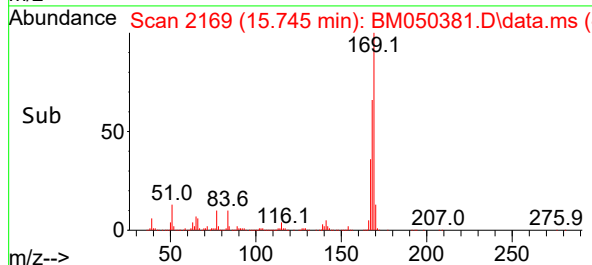
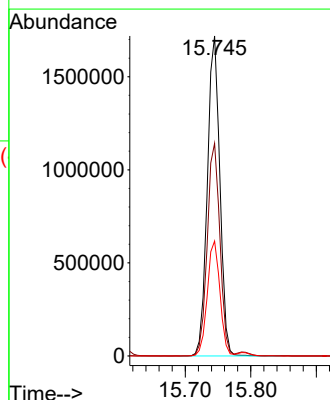
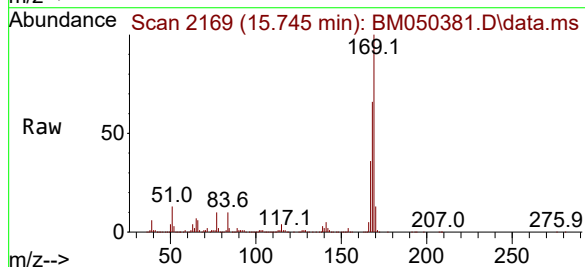
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

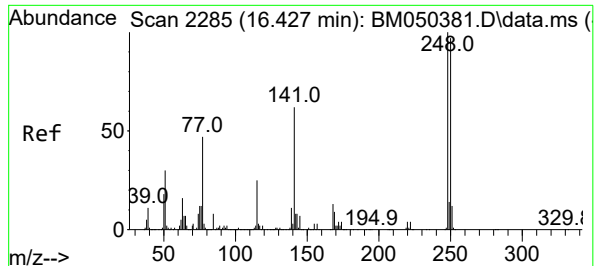
Tgt Ion:198 Resp: 343246
Ion Ratio Lower Upper
198 100
51 46.6 26.6 66.6
105 40.9 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:169 Resp: 2284645
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.7 43.1

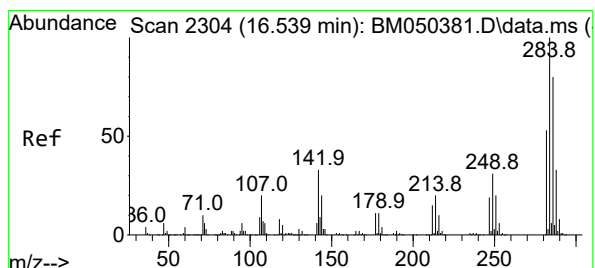
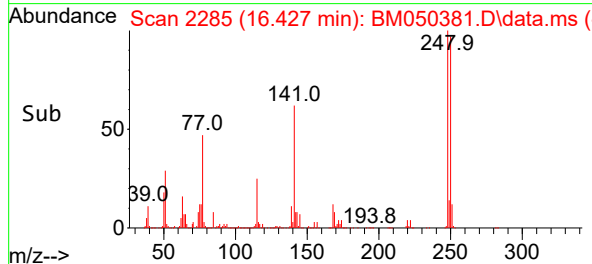
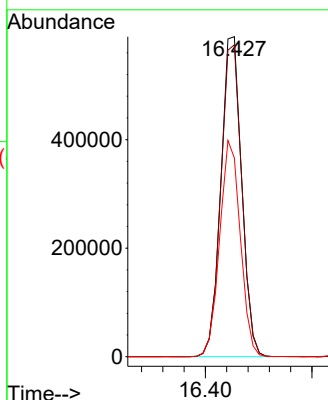
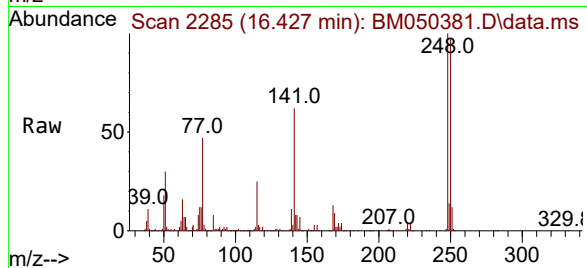




#67
4-Bromophenyl-phenylether
Concen: 39.504 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

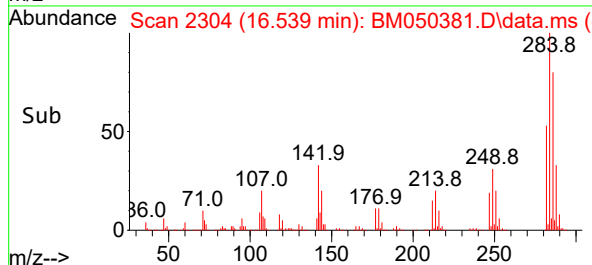
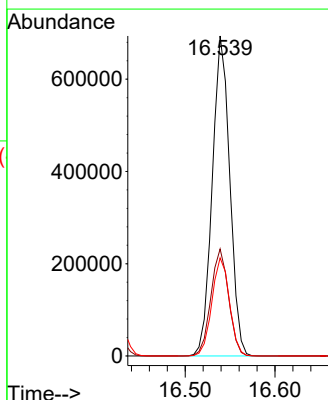
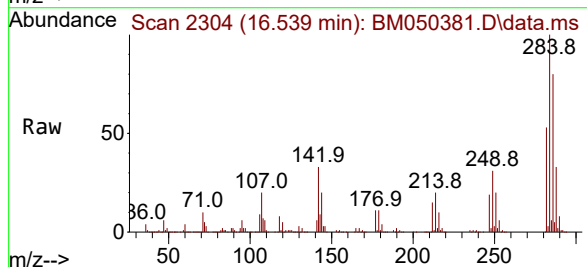
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

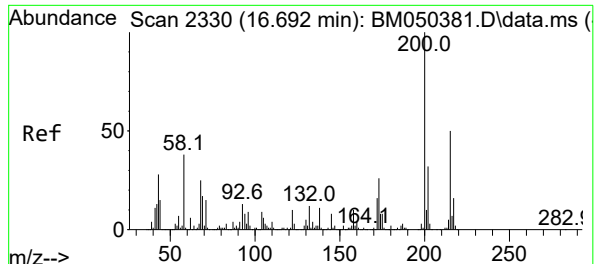
Tgt Ion:248 Resp: 798257
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 62.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 39.414 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:284 Resp: 940659
Ion Ratio Lower Upper
284 100
142 33.5 26.8 40.2
249 30.6 24.5 36.7

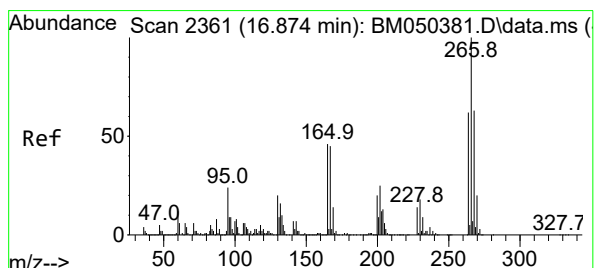
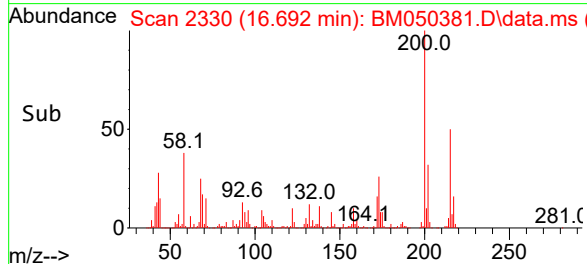
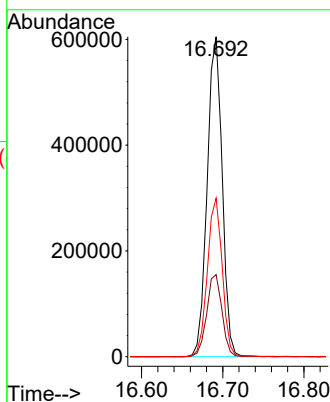
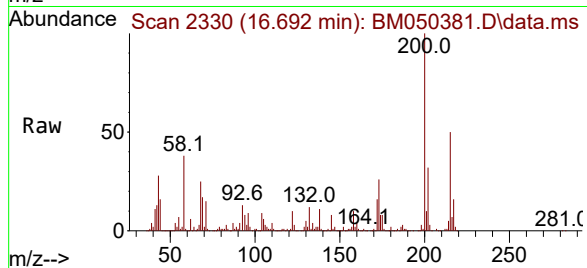




#69
Atrazine
Concen: 41.139 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

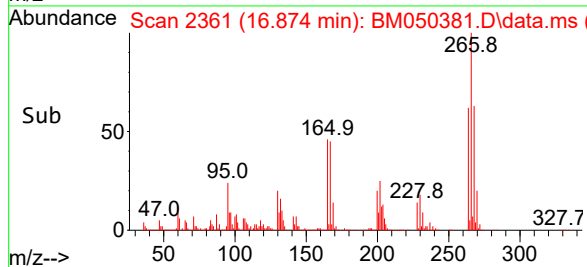
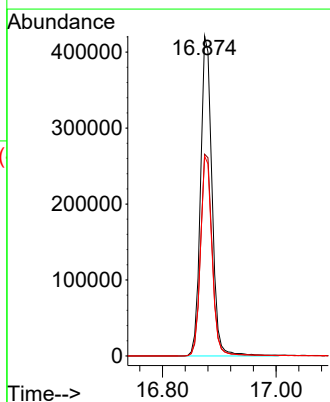
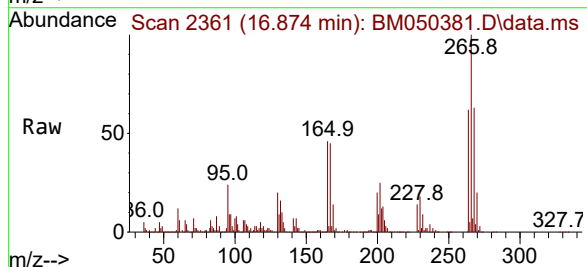
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

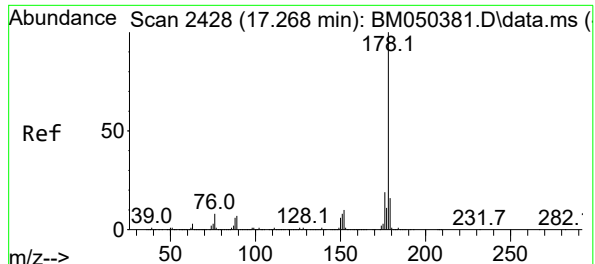
Tgt Ion:200 Resp: 775270
Ion Ratio Lower Upper
200 100
173 25.6 5.6 45.6
215 49.6 29.6 69.6



#70
Pentachlorophenol
Concen: 39.717 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:266 Resp: 590077
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.4 49.9 74.9

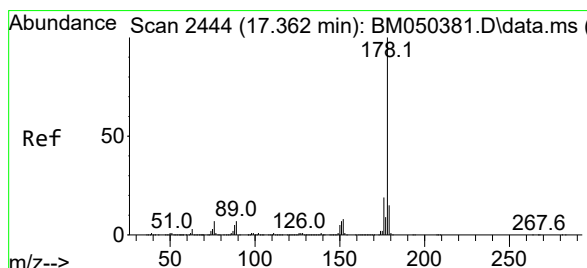
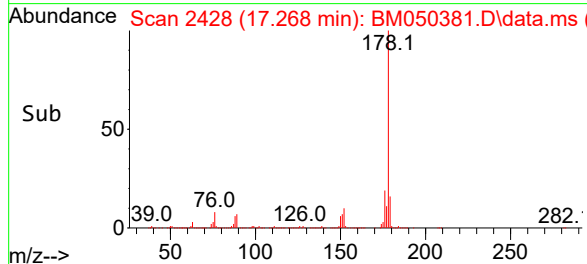
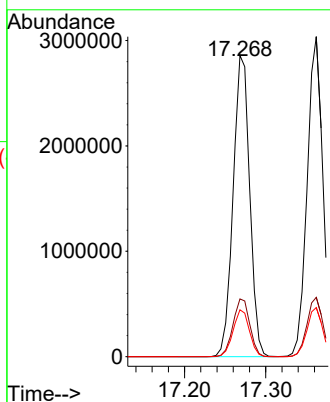
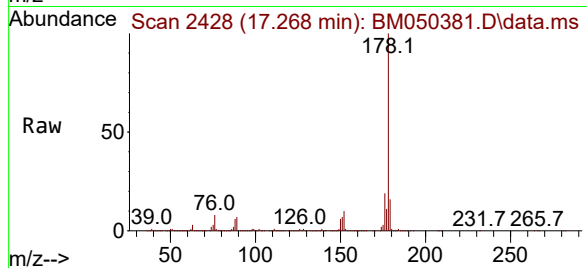




#71
Phenanthrene
Concen: 38.923 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

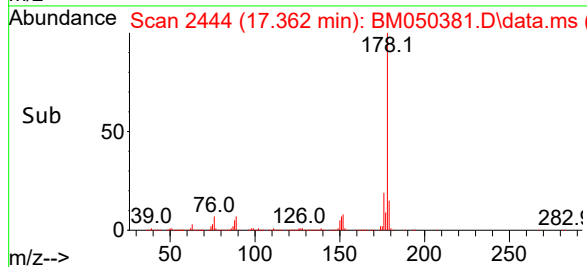
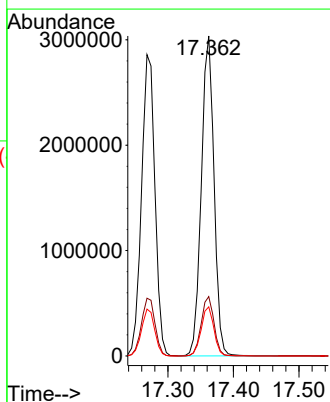
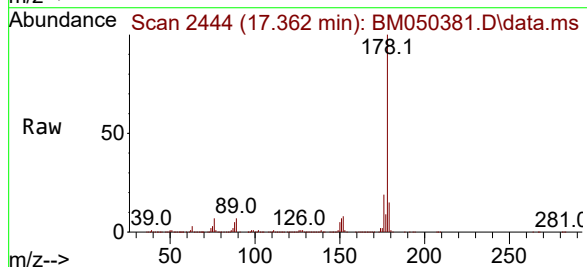
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

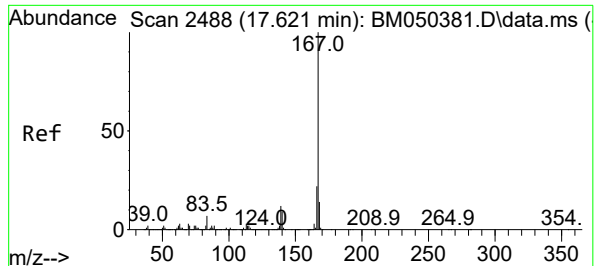
Tgt Ion:178 Resp: 4039451
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.646 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:178 Resp: 4095570
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.3 12.2 18.4

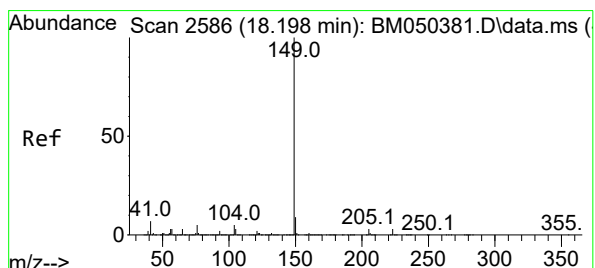
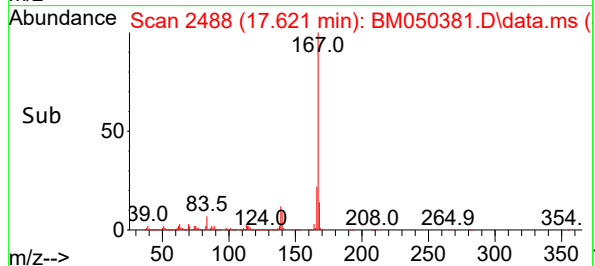
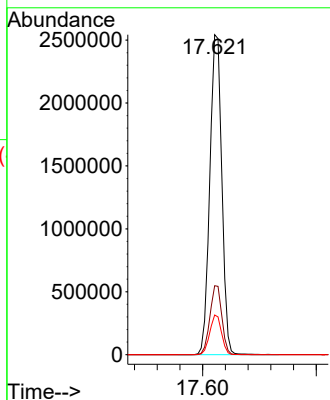
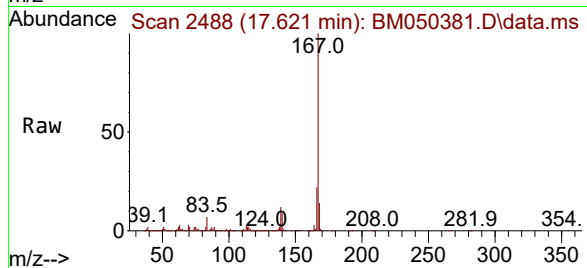




#73
Carbazole
Concen: 39.632 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

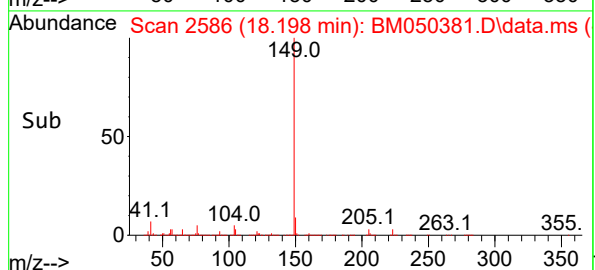
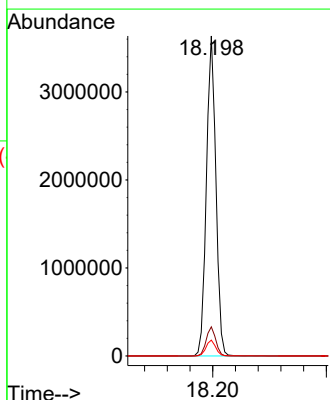
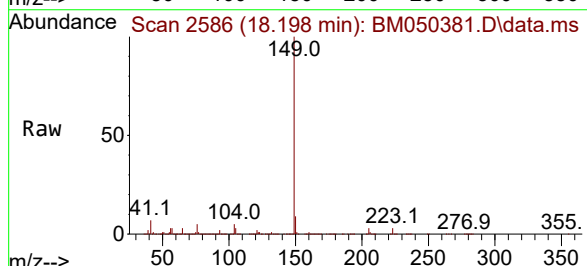
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

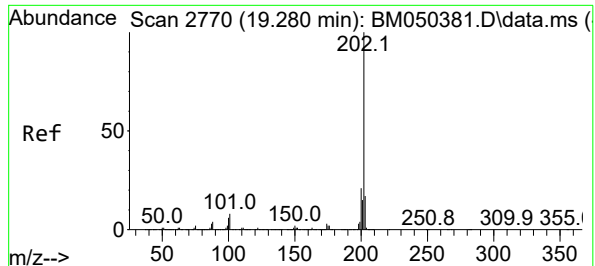
Tgt Ion:167 Resp: 3704436
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 40.890 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 4183360
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.9 3.9 5.9

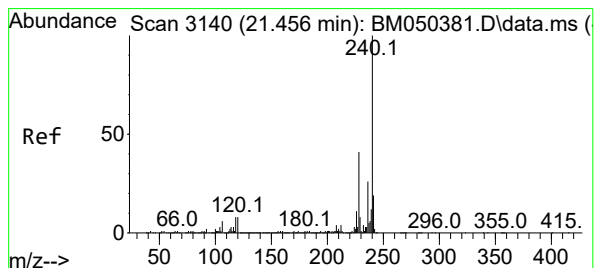
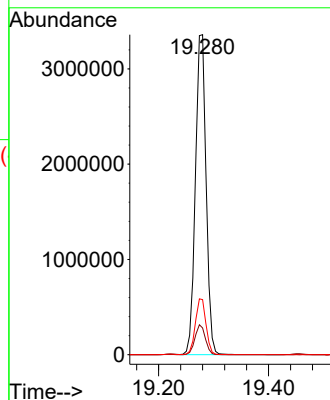
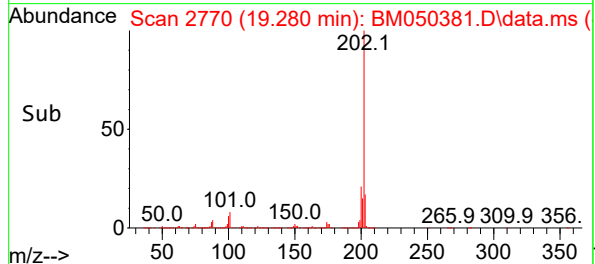
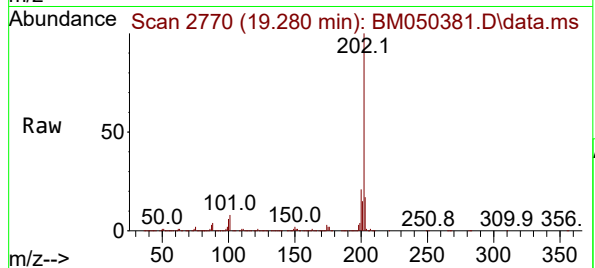




#75
Fluoranthene
Concen: 40.085 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

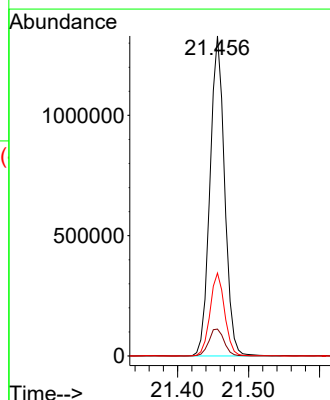
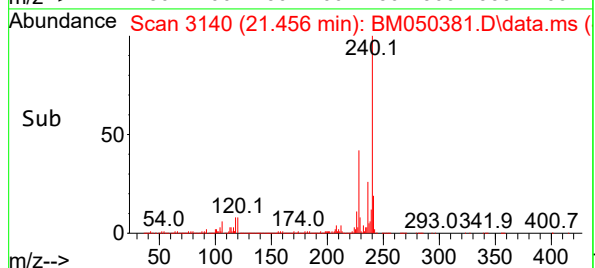
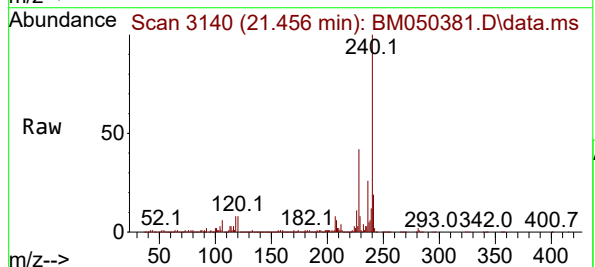
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

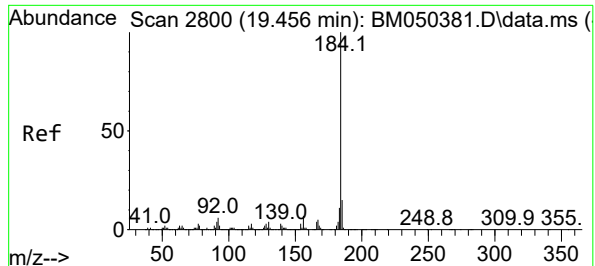
Tgt Ion:202 Resp: 4522403
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:240 Resp: 1904004
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 25.9 20.7 31.1

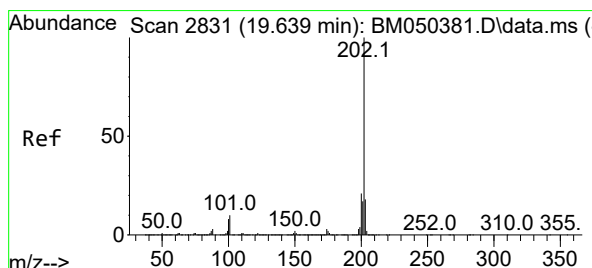
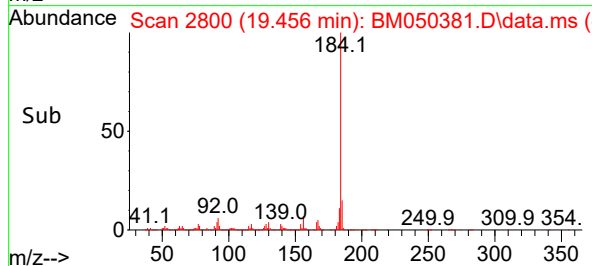
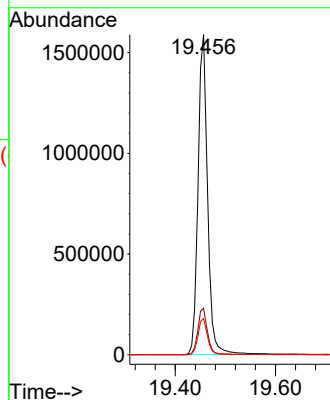
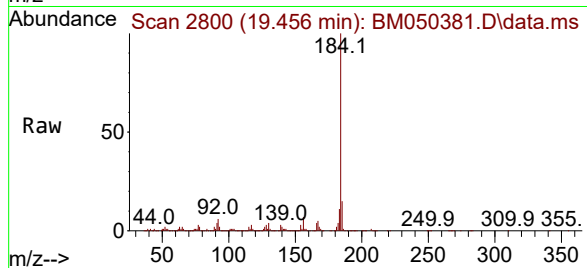




#77
Benzidine
Concen: 43.341 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

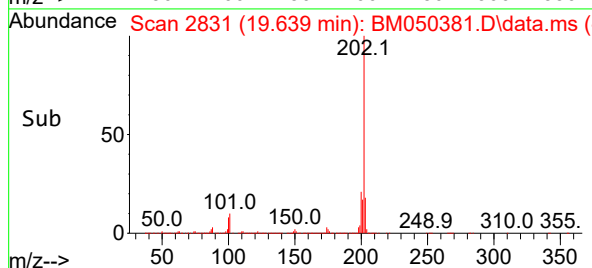
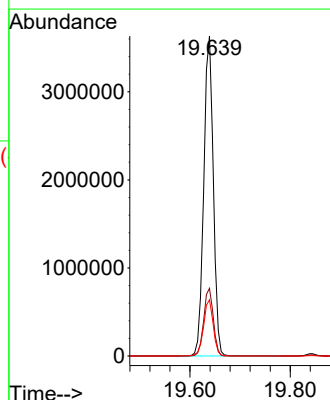
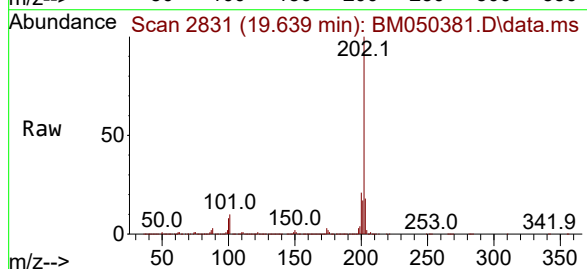
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

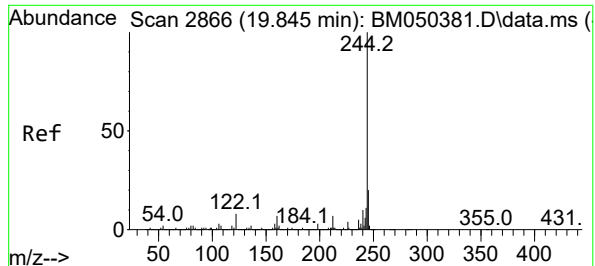
Tgt Ion:184 Resp: 2104809
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.3 9.0 13.6



#78
Pyrene
Concen: 39.352 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:202 Resp: 4798678
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.1 21.1

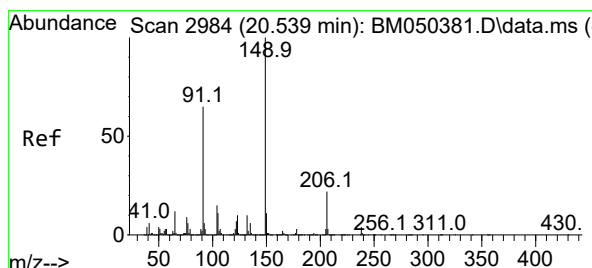
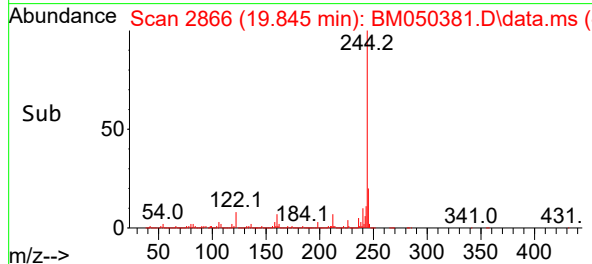
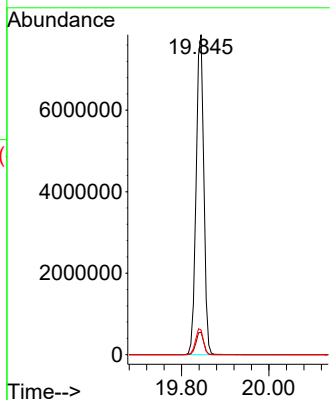
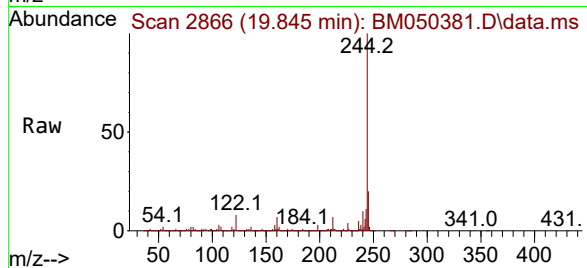




#79
Terphenyl-d14
Concen: 88.568 ng
RT: 19.845 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

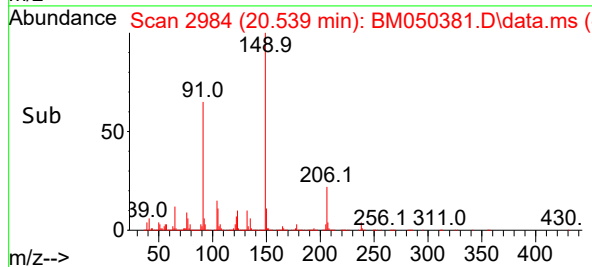
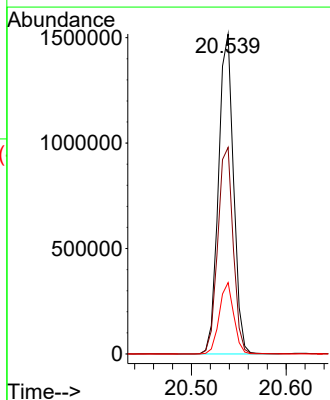
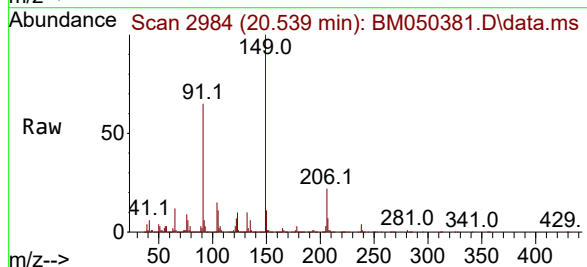
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

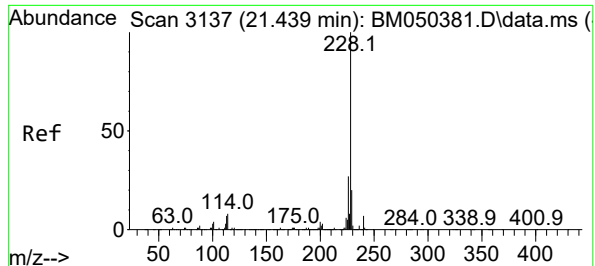
Tgt Ion:244 Resp: 9584372
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.7 6.2 9.2



#80
Butylbenzylphthalate
Concen: 41.731 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 1677924
Ion Ratio Lower Upper
149 100
91 64.5 51.6 77.4
206 22.3 17.8 26.8

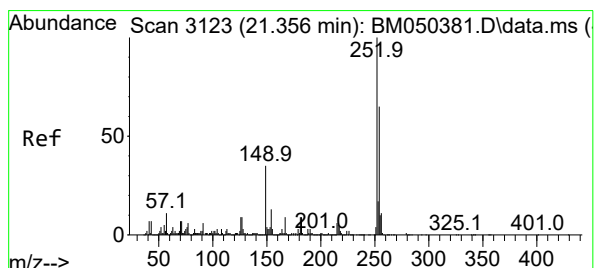
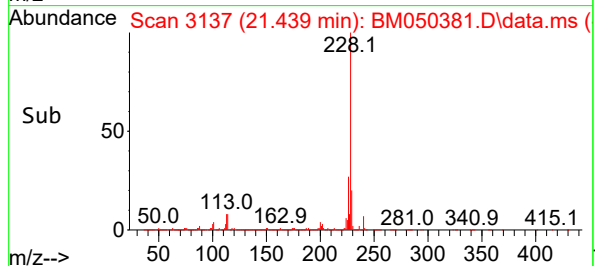
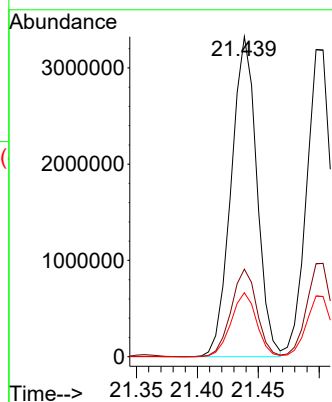
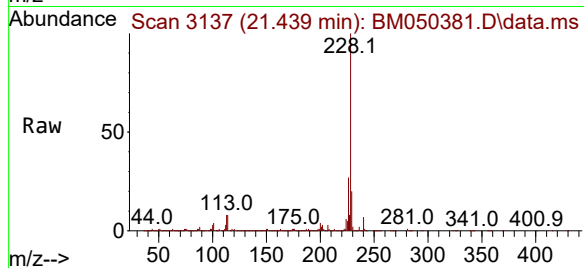




#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

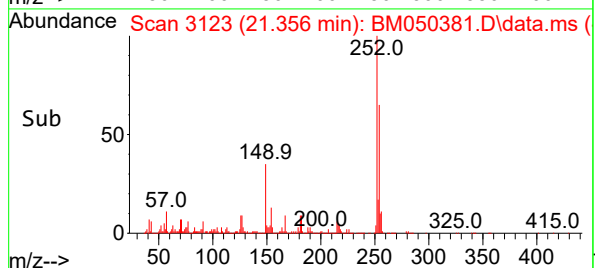
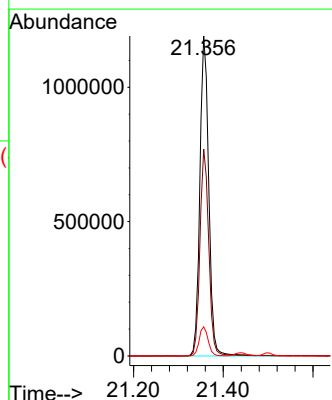
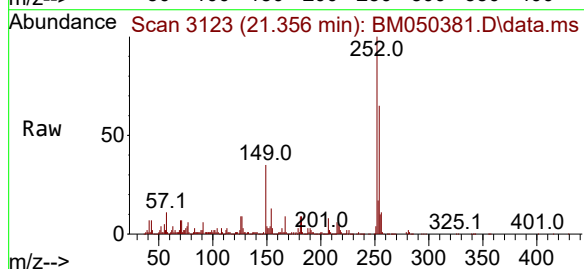
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

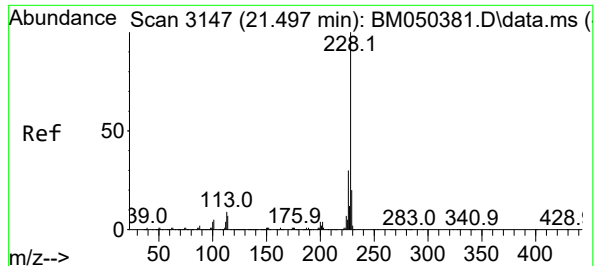
Tgt Ion:228 Resp: 4880944
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.036 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 1633134
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 9.1 7.3 10.9

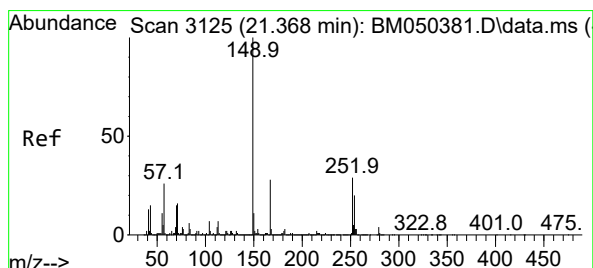
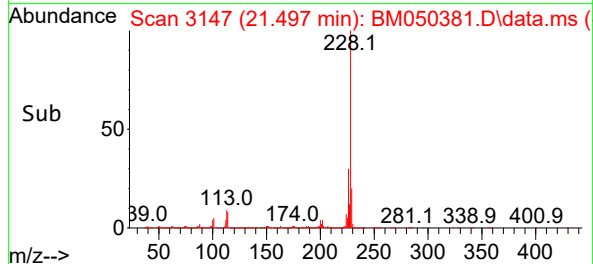
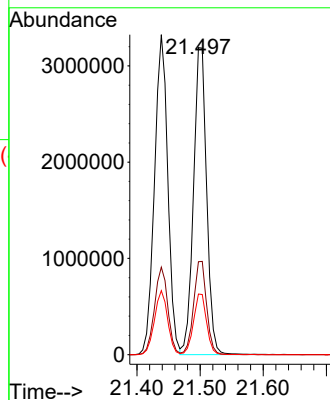
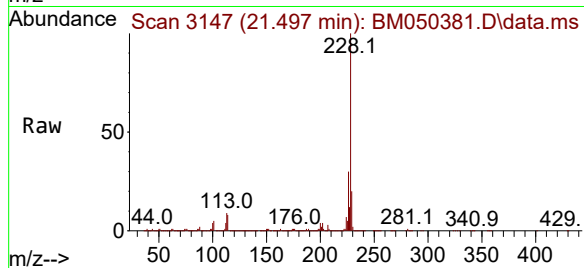




#83
Chrysene
Concen: 39.351 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

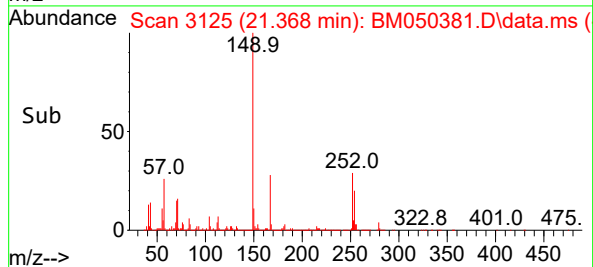
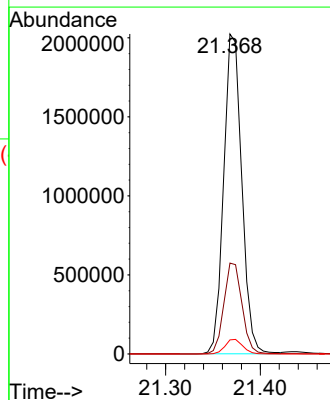
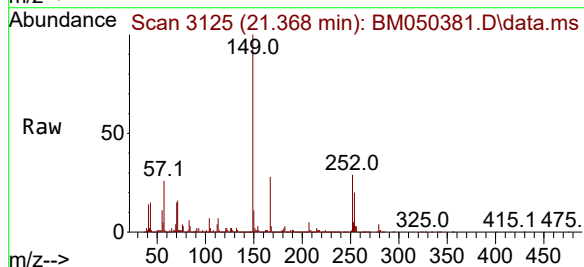
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

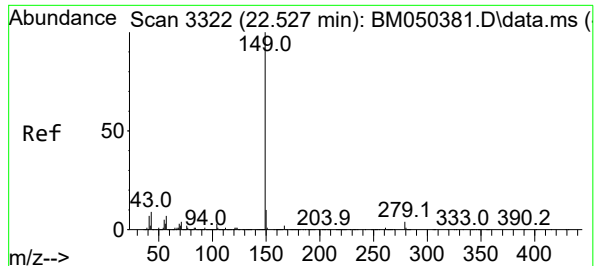
Tgt Ion:228 Resp: 4604684
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.7 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.076 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2685699
Ion Ratio Lower Upper
149 100
167 28.4 22.7 34.1
279 4.4 3.5 5.3

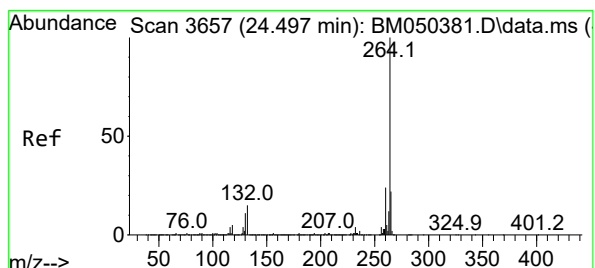
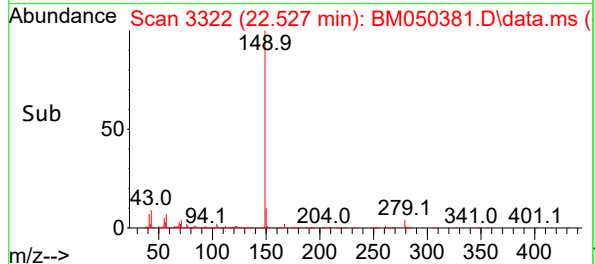
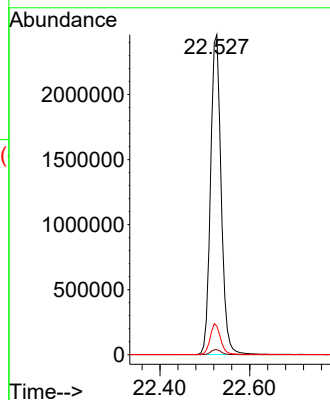
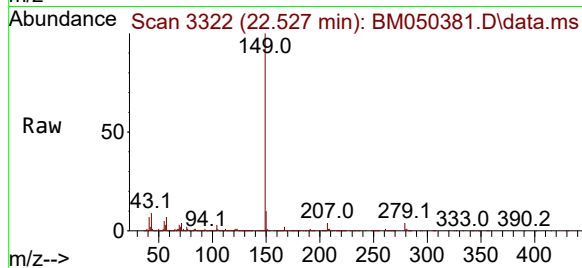




#85
Di-n-octyl phthalate
Concen: 40.294 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

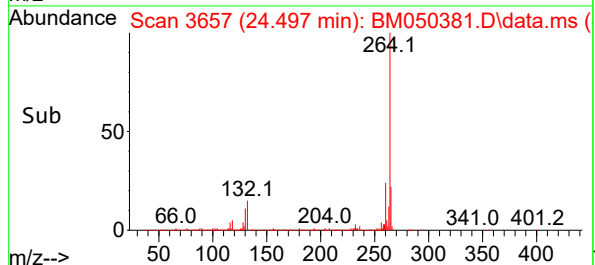
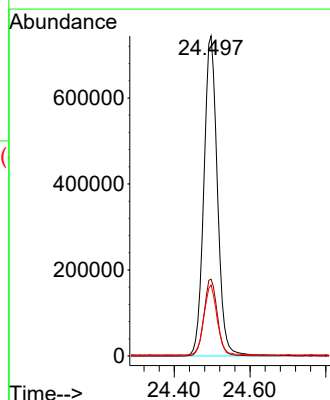
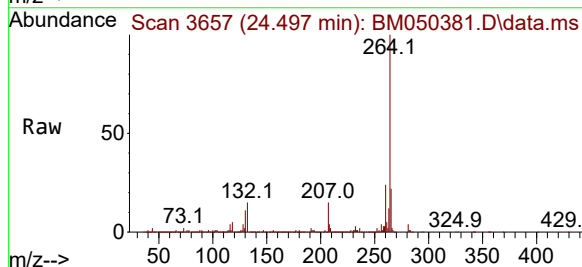
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

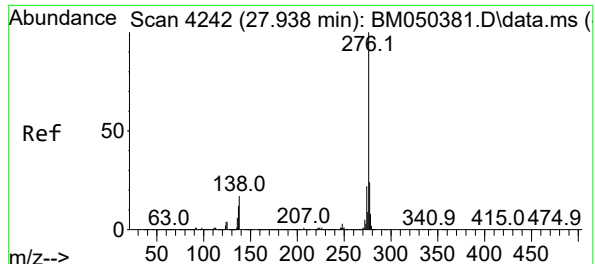
Tgt Ion:149 Resp: 4028194
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:264 Resp: 1842285
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.8 26.6

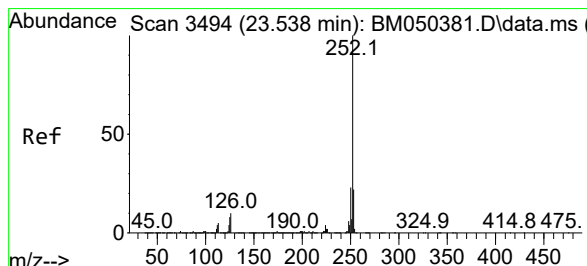
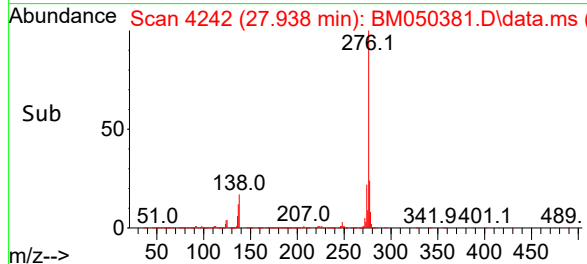
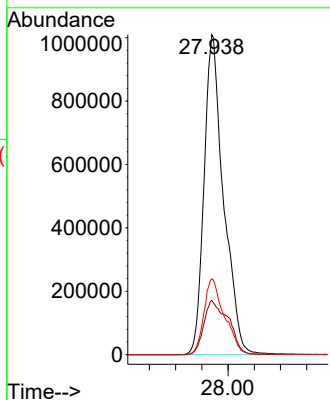
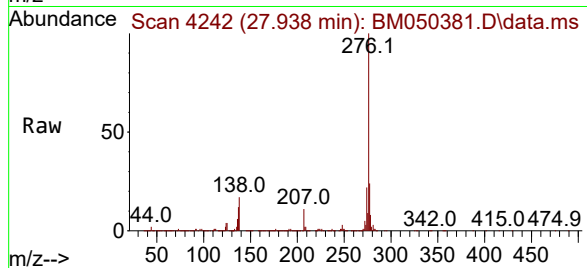




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 27.938 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

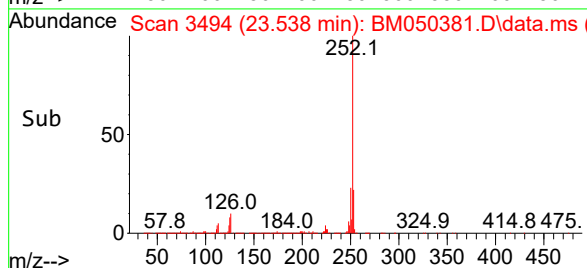
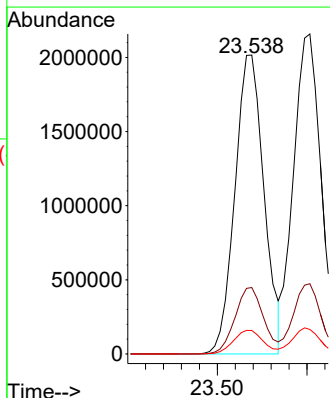
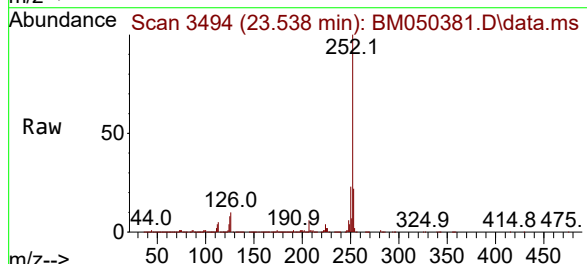
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

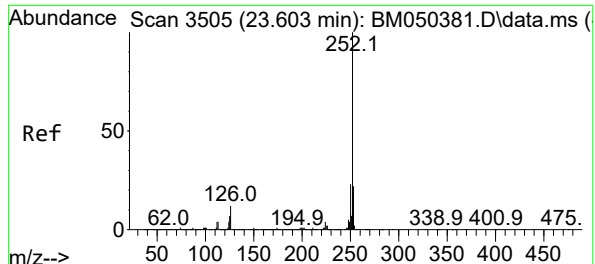
Tgt Ion:276 Resp: 5214934
Ion Ratio Lower Upper
276 100
138 21.3 17.0 25.6
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 39.990 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4531635
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.9 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 39.586 ng

RT: 23.603 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

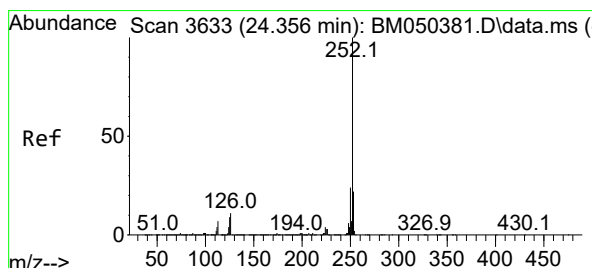
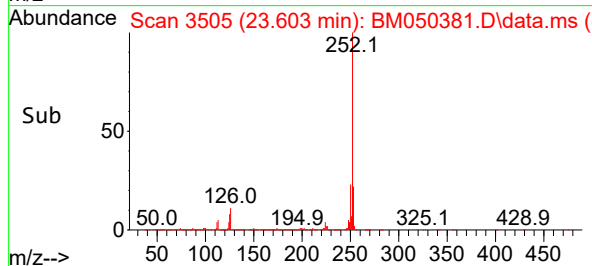
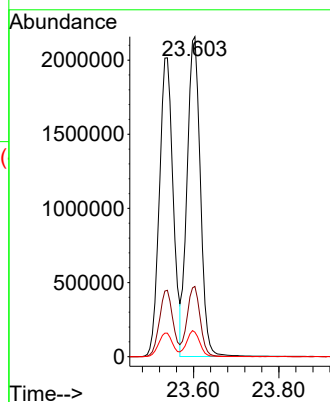
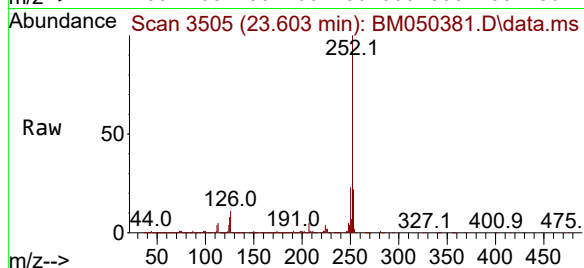
Tgt Ion:252 Resp: 4654634

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.157 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

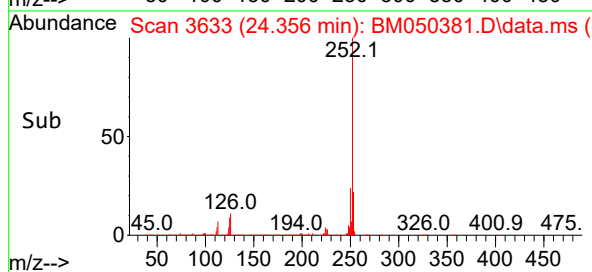
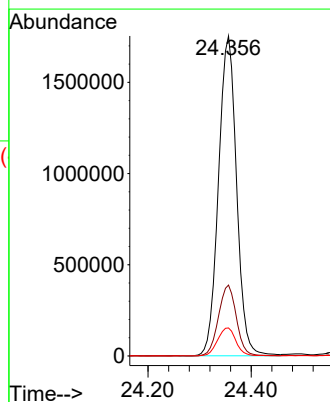
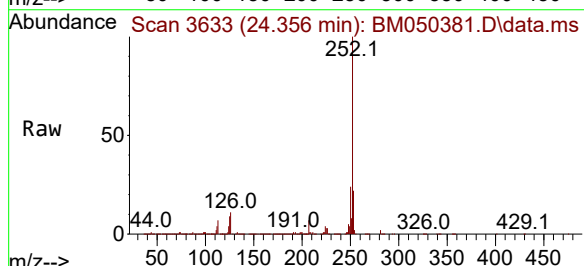
Tgt Ion:252 Resp: 4259750

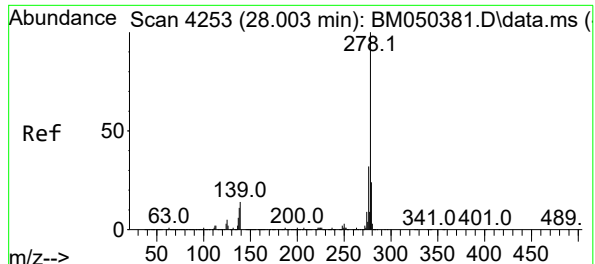
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 39.857 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

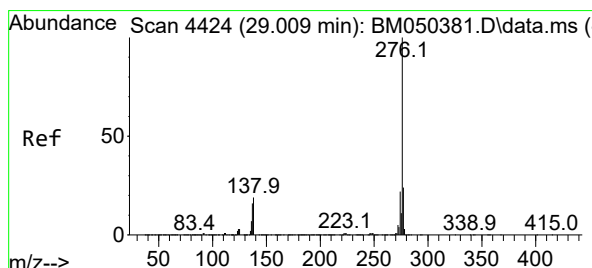
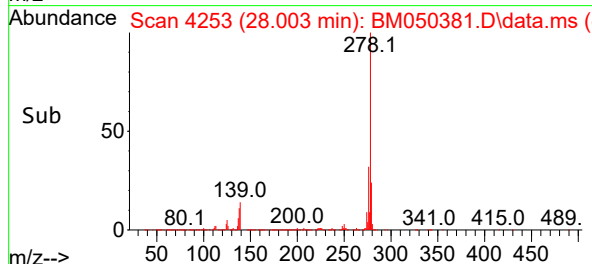
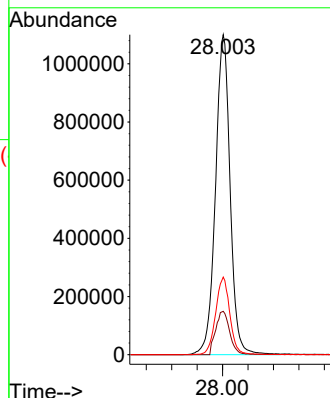
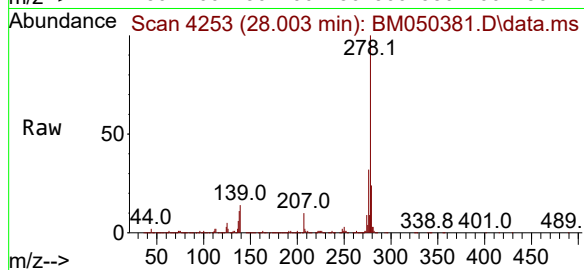
Tgt Ion:278 Resp: 4396741

Ion Ratio Lower Upper

278 100

139 13.5 10.8 16.2

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 39.626 ng

RT: 29.009 min Scan# 4424

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

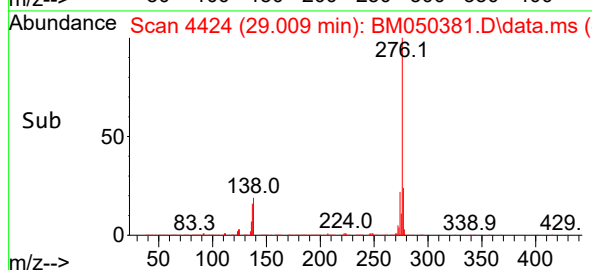
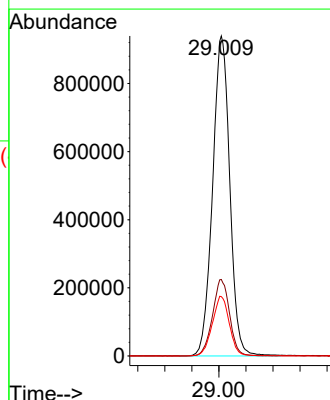
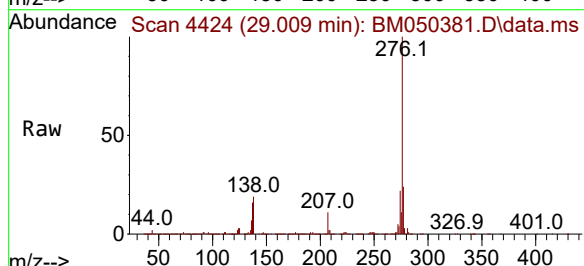
Tgt Ion:276 Resp: 4131353

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.6 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050382.D
 Acq On : 08 Jul 2025 16:01
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Jul 08 18:23:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng	0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng	0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng	0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng	0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng	99
3) Pyridine	3.734	79	1187050	53.254	ng	98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng	100
6) Aniline	7.187	93	1814285	54.314	ng	99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng	100
9) Benzaldehyde	6.998	77	743485m	48.013	ng	
10) Phenol	7.051	94	1479916	54.513	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng	99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng	99
17) 2-Methylphenol	8.298	107	967335	54.938	ng	98
18) Hexachloroethane	8.951	117	510428	53.689	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng	98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng	98
22) Acetophenone	8.687	105	1828595	53.438	ng	# 97
24) Nitrobenzene	9.063	77	1289779	53.879	ng	99
25) Isophorone	9.592	82	2401483	55.168	ng	100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng	99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng	99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng	99
31) Naphthalene	10.716	128	3662846	52.691	ng	100
32) Benzoic acid	9.957	122	666467	51.765	ng	99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng	99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng	99
35) Caprolactam	11.586	113	328173	56.364	ng	98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng	100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng	98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng	99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng	98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050382.D
 Acq On : 08 Jul 2025 16:01
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Jul 08 18:23:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

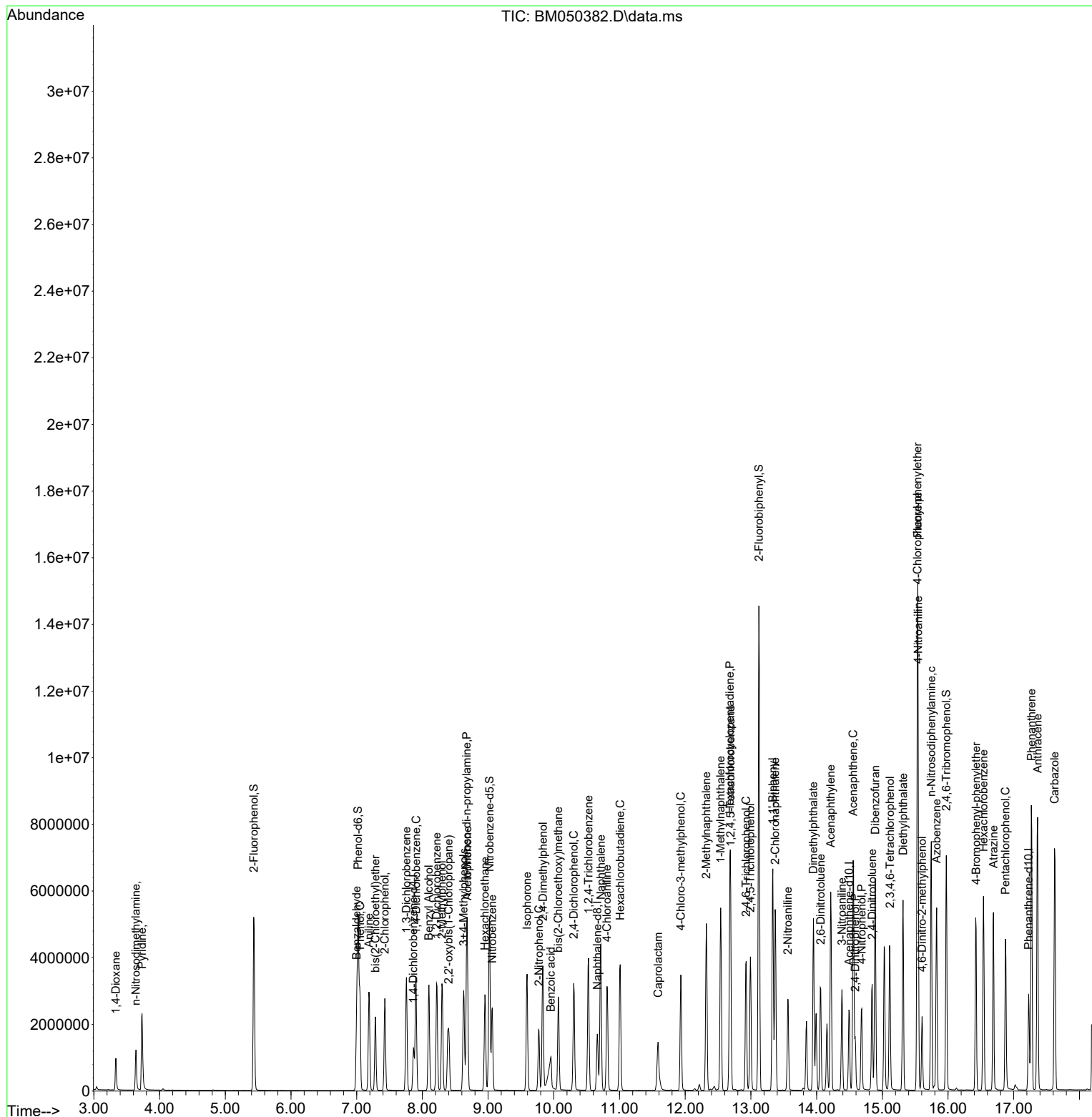
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

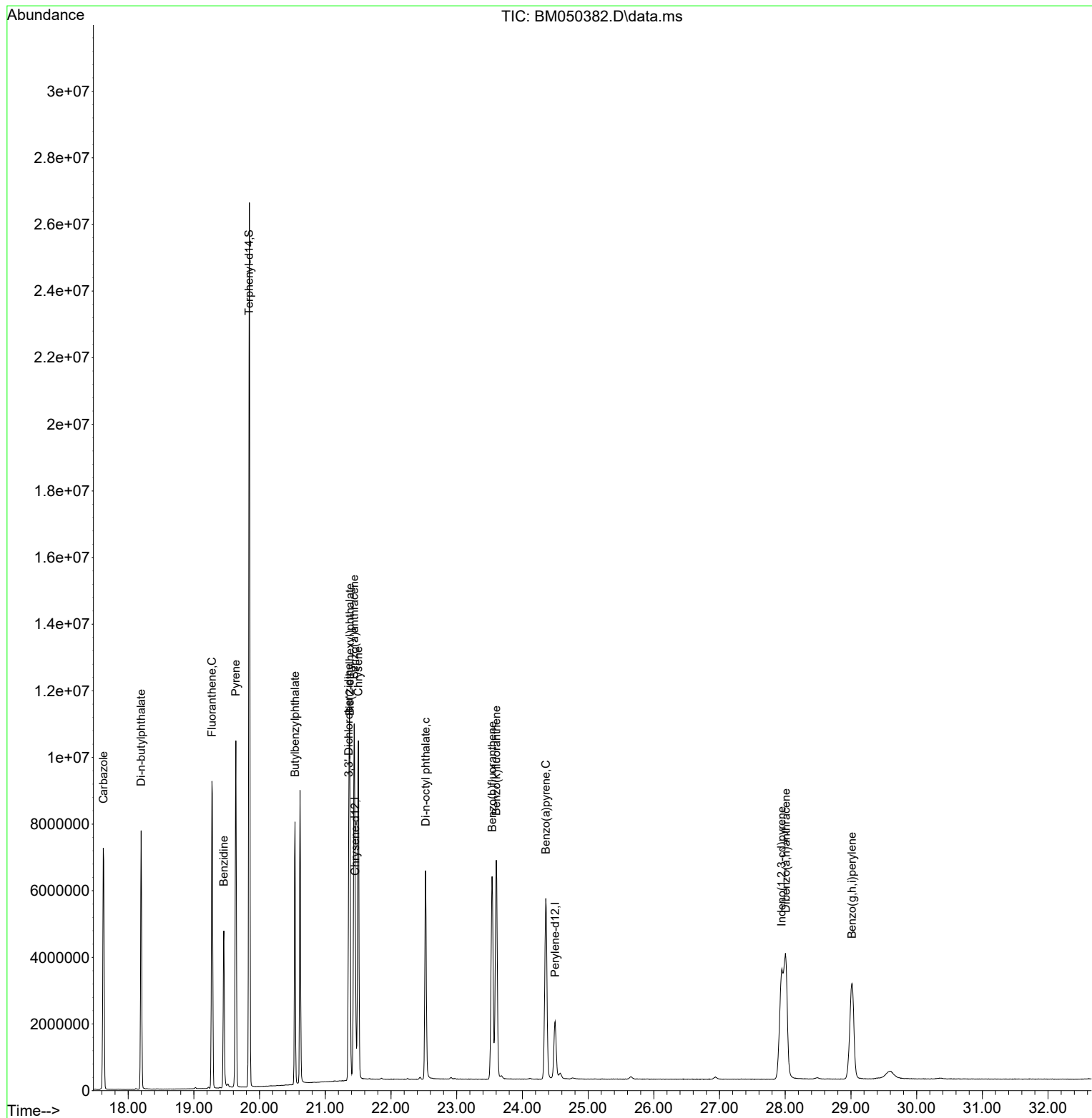
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QLast Update : Tue Jul 08 17:58:12 2025
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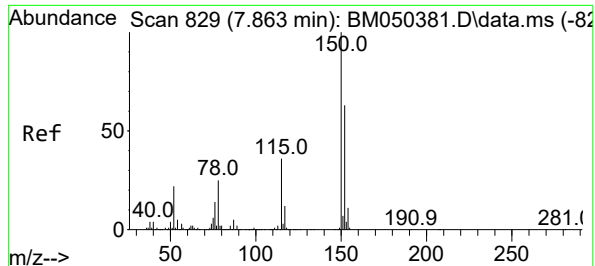


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Operator : RC/JU
Sample : SSTDICC050
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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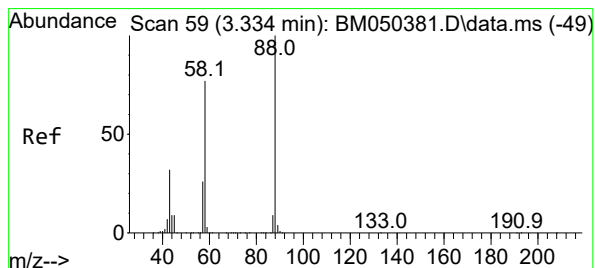
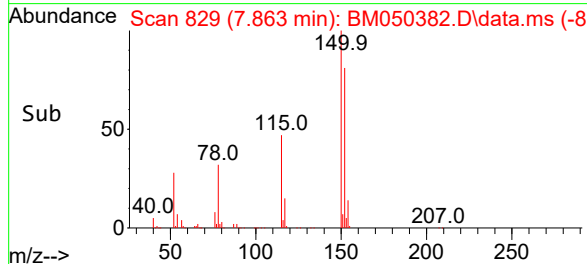
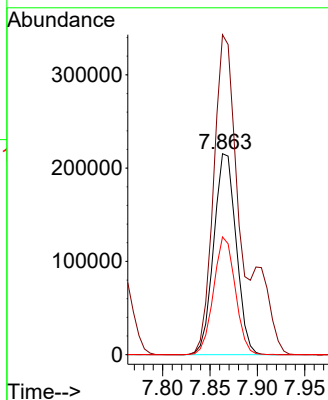
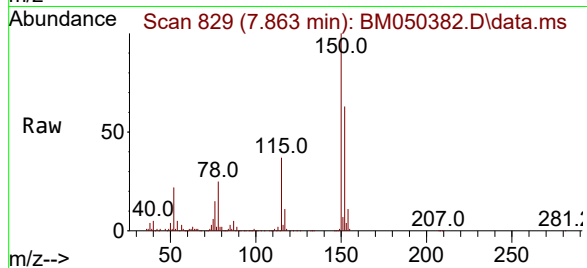




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

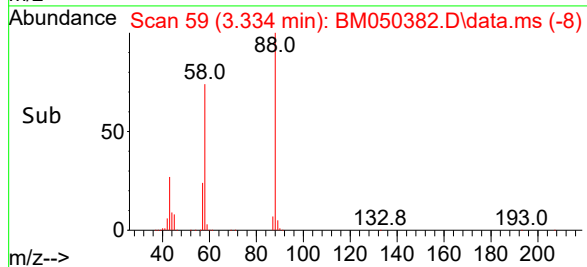
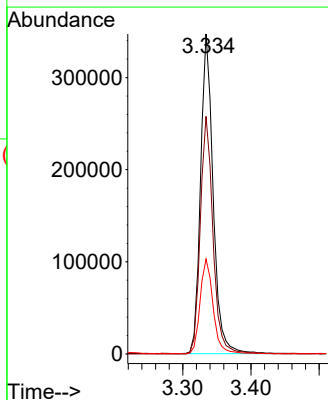
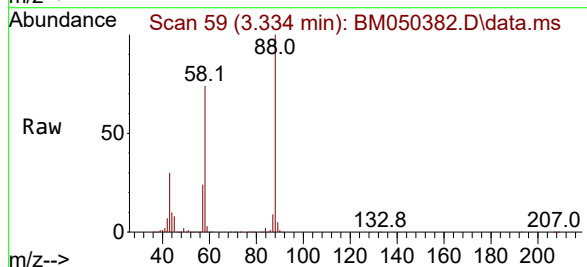
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BNA_M
ClientSampleId :
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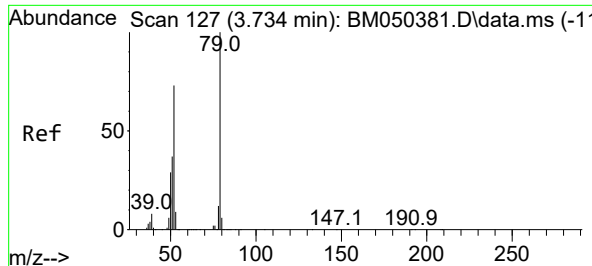
Tgt Ion:152 Resp: 355414
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.4
115 58.6 45.8 68.8



#2
1,4-Dioxane
Concen: 52.431 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 88 Resp: 445164
Ion Ratio Lower Upper
88 100
58 75.1 61.0 91.6
43 30.8 24.6 37.0

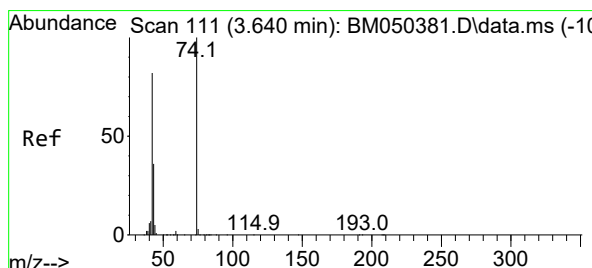
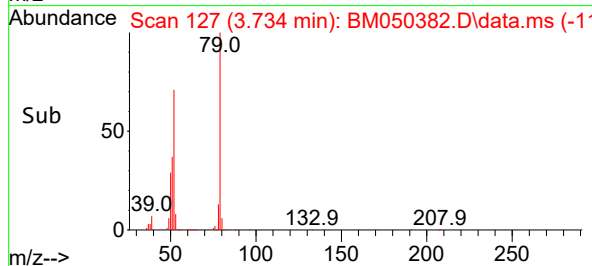
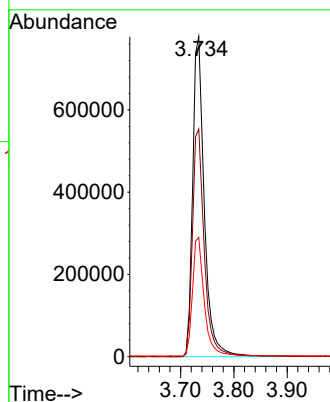
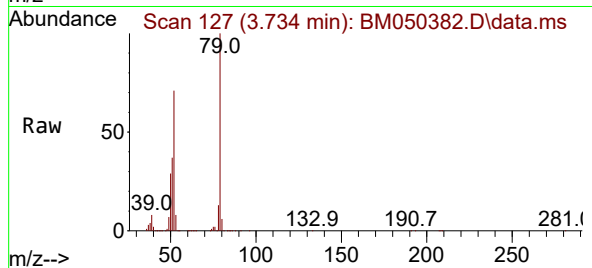




#3
Pyridine
Concen: 53.254 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

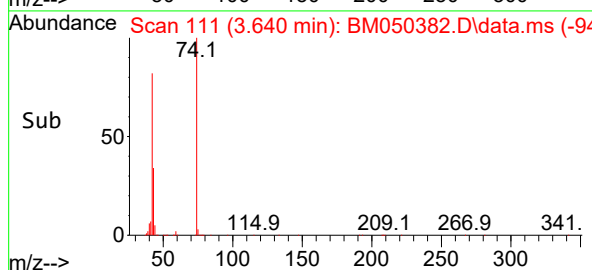
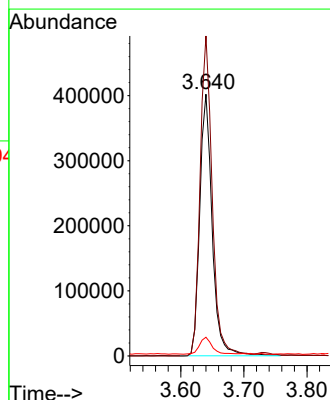
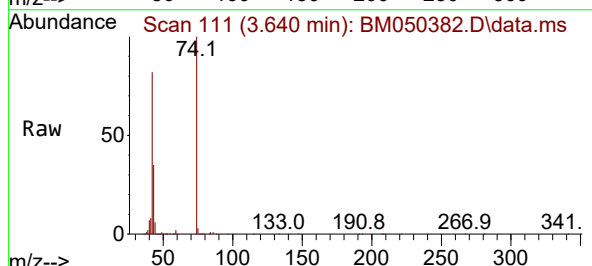
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ClientSampleId :
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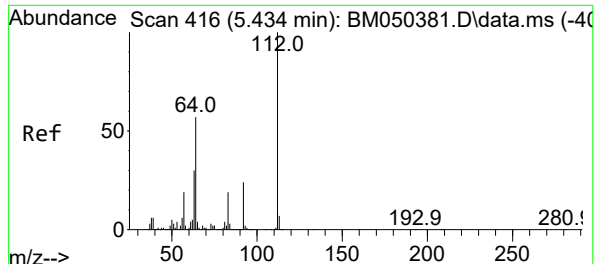
Tgt Ion: 79 Resp: 1187050
Ion Ratio Lower Upper
79 100
52 71.2 58.3 87.5
51 37.3 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 53.005 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 42 Resp: 550809
Ion Ratio Lower Upper
42 100
74 122.3 97.5 146.3
44 7.2 5.7 8.5

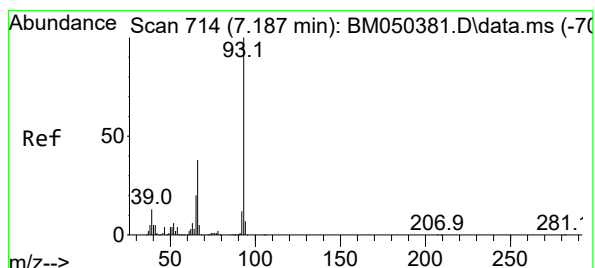
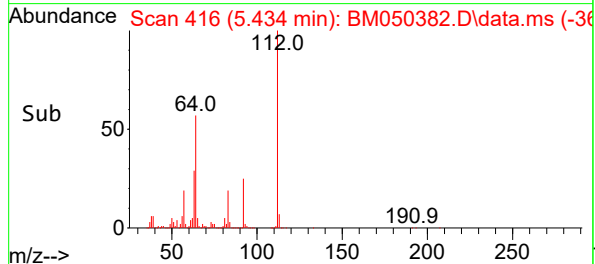
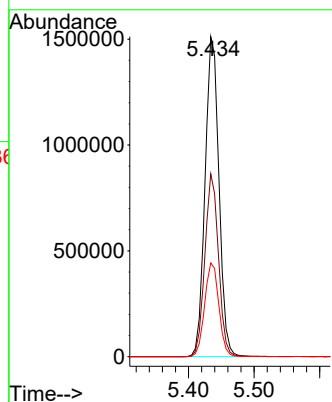
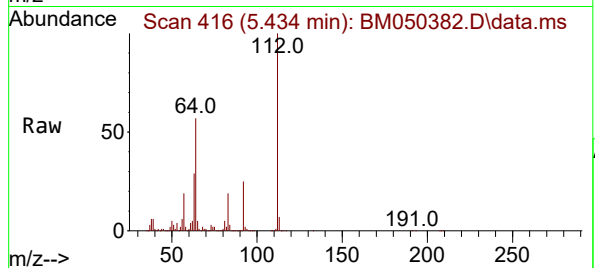




#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

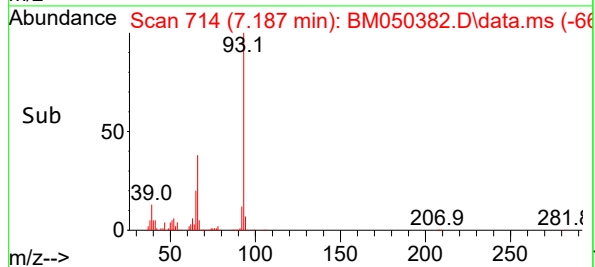
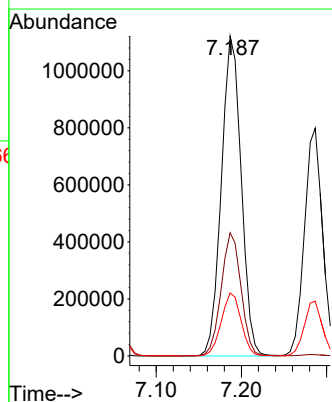
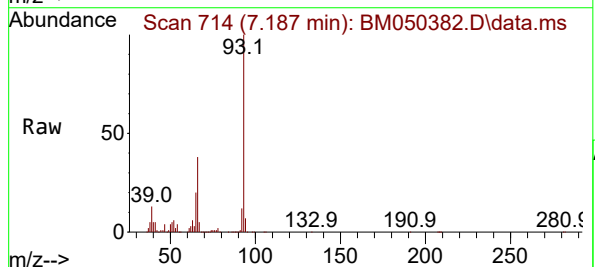
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ClientSampleId :
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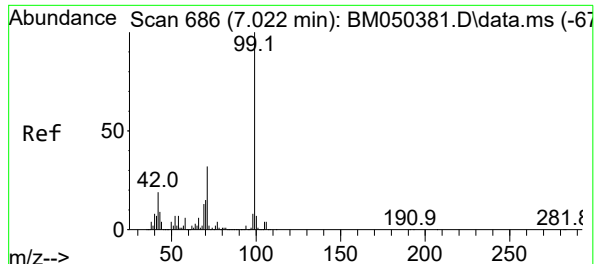
Tgt Ion:112 Resp: 2235397
Ion Ratio Lower Upper
112 100
64 57.1 45.5 68.3
63 29.3 24.2 36.4



#6
Aniline
Concen: 54.314 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1814285
Ion Ratio Lower Upper
93 100
66 38.5 30.5 45.7
65 19.7 15.9 23.9

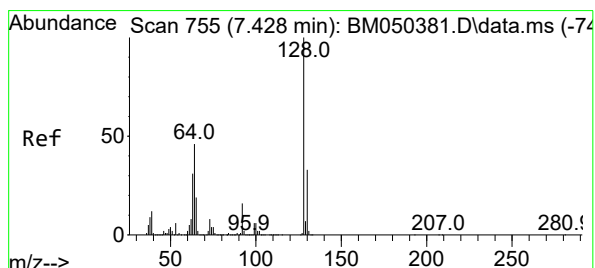
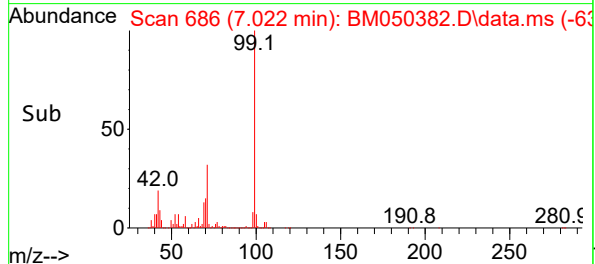
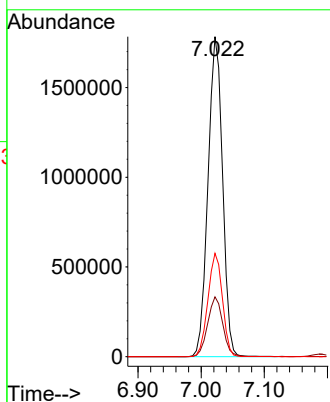
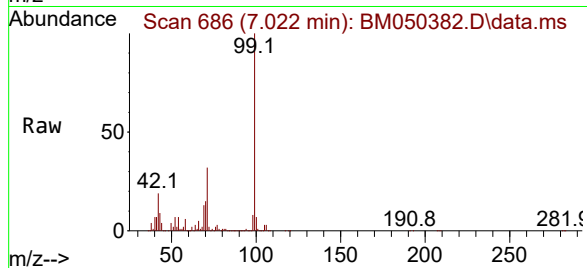




#7
Phenol-d6
Concen: 109.721 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

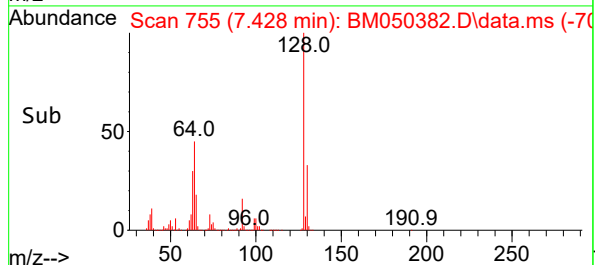
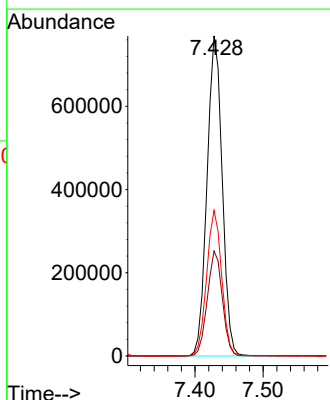
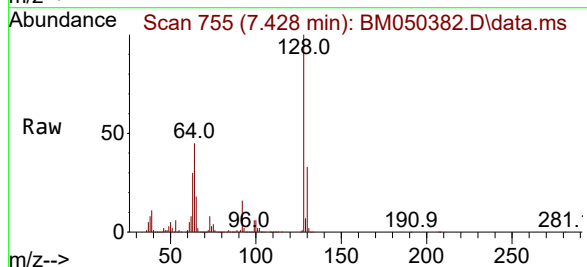
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ClientSampleId :
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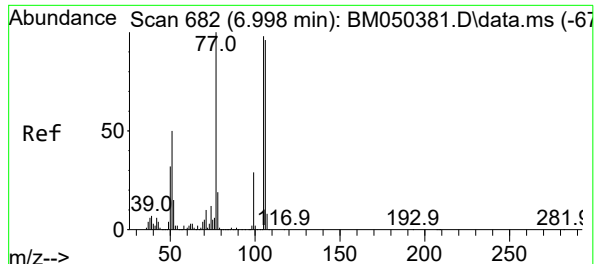
Tgt Ion: 99 Resp: 2855911
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 32.3 25.9 38.9



#8
2-Chlorophenol
Concen: 54.720 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 128 Resp: 1191374
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 45.5 25.6 65.6





#9

Benzaldehyde

Concen: 48.013 ng m

RT: 6.998 min Scan# 682

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

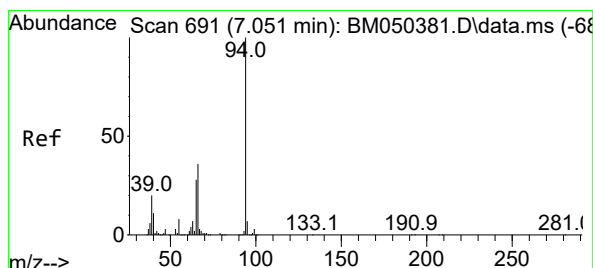
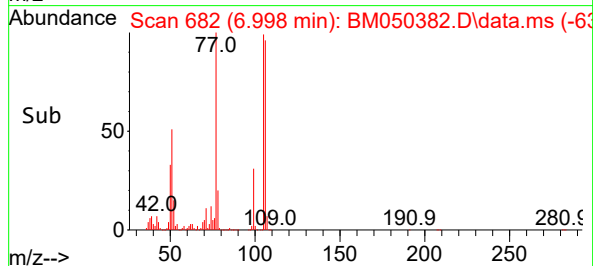
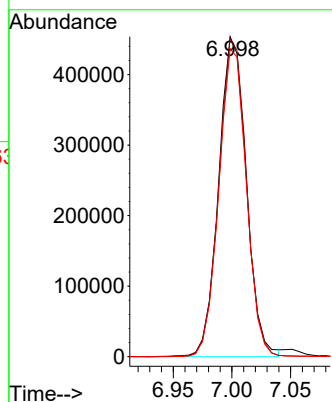
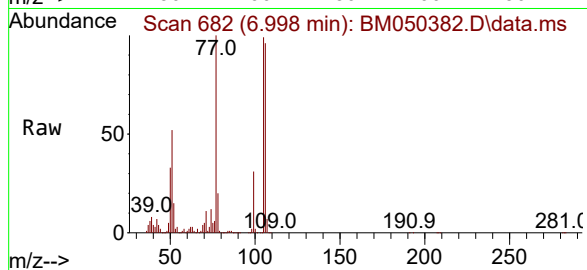
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 743485

Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.4	118.4
106	96.2	76.3	116.3



#10

Phenol

Concen: 54.513 ng

RT: 7.051 min Scan# 691

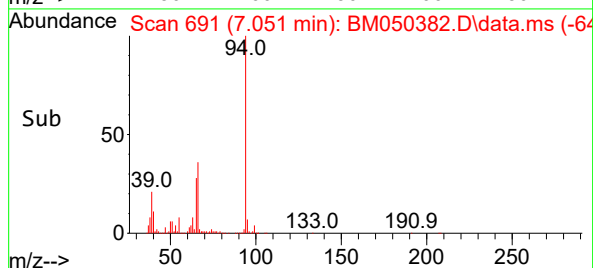
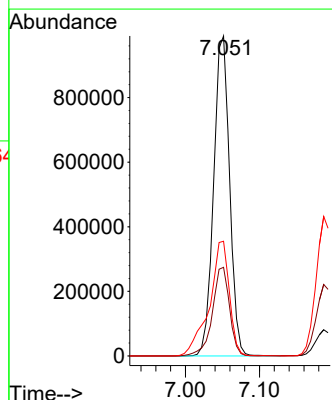
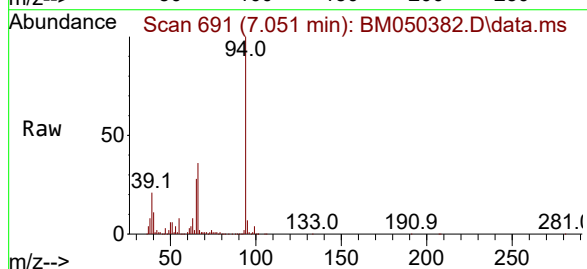
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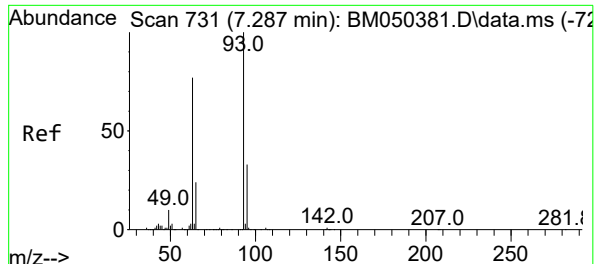
Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion: 94 Resp: 1479916

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.8	15.8	55.8





#11

bis(2-Chloroethyl)ether

Concen: 54.102 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

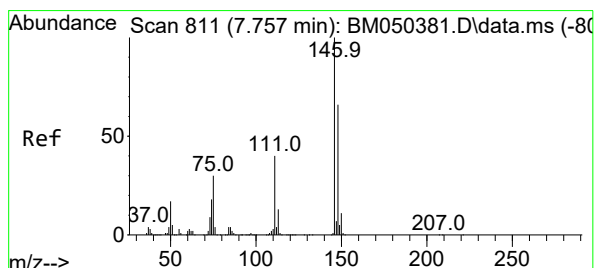
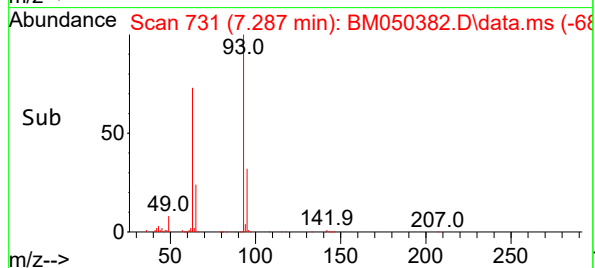
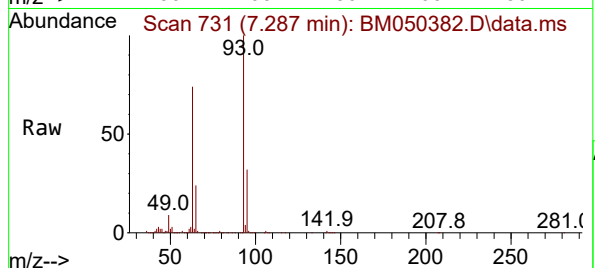
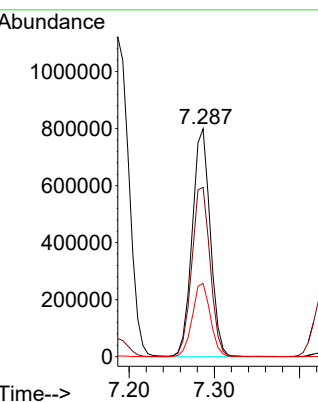
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1176258

Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.9	96.9
95	32.1	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 53.015 ng

RT: 7.757 min Scan# 811

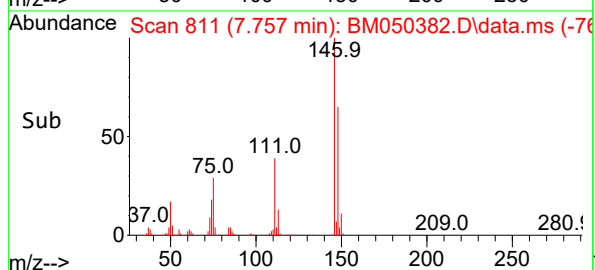
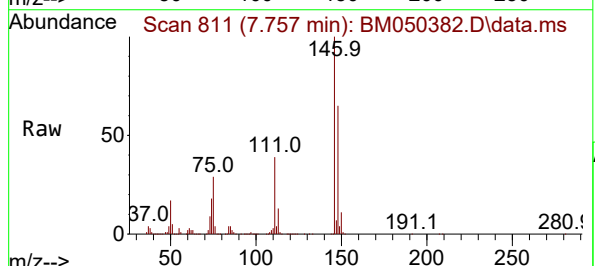
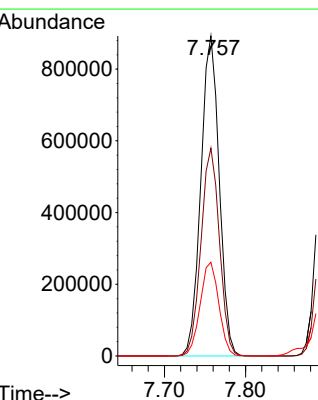
Delta R.T. 0.000 min

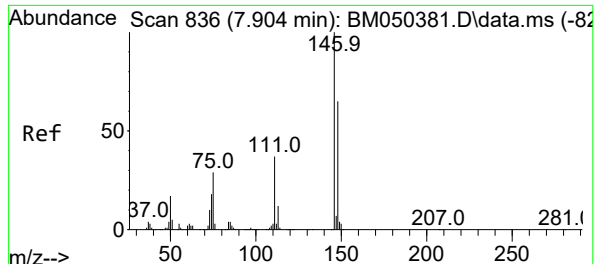
Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1403509

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
75	29.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 52.933 ng

RT: 7.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

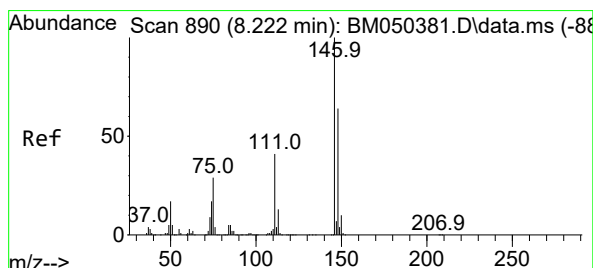
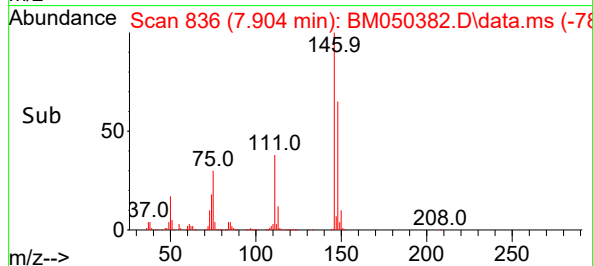
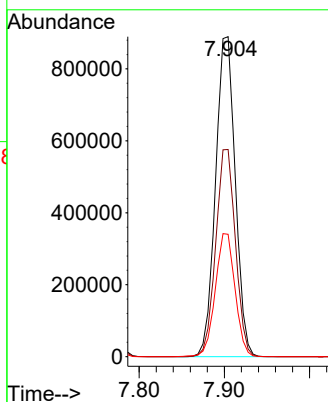
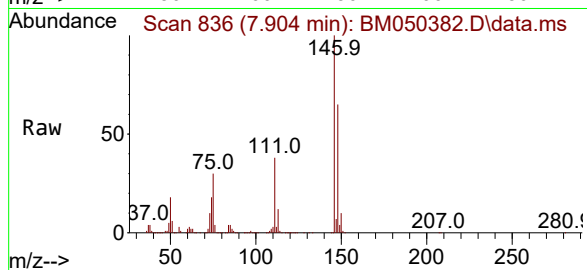
Tgt Ion:146 Resp: 1430908

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

111 38.2 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 52.912 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

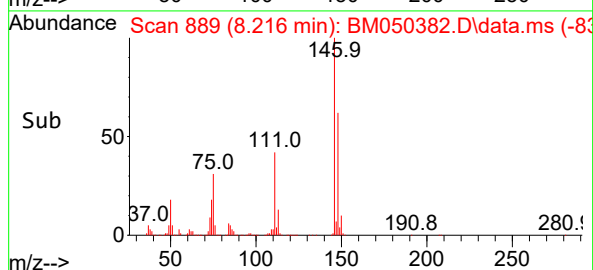
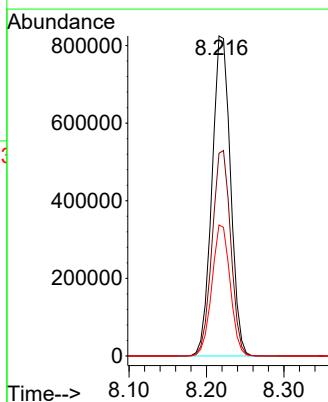
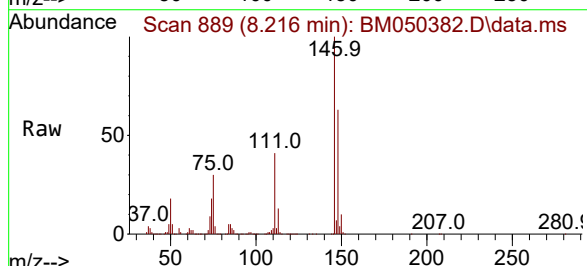
Tgt Ion:146 Resp: 1369382

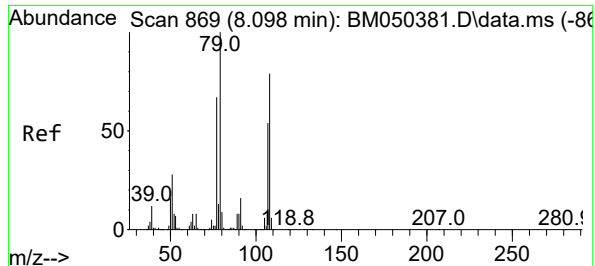
Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

111 40.9 32.6 49.0





#15

Benzyl Alcohol

Concen: 54.529 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

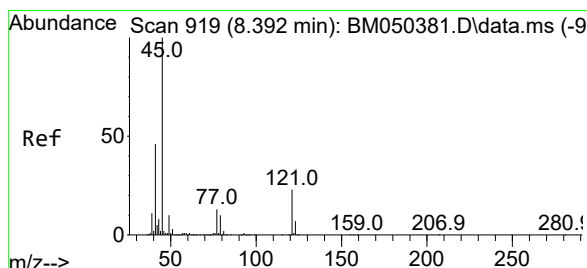
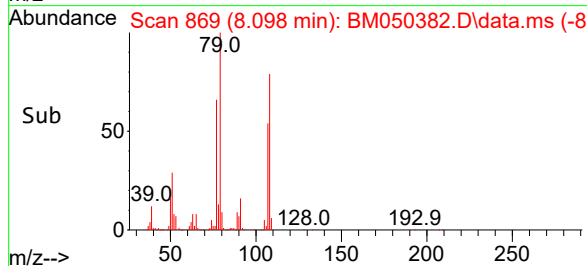
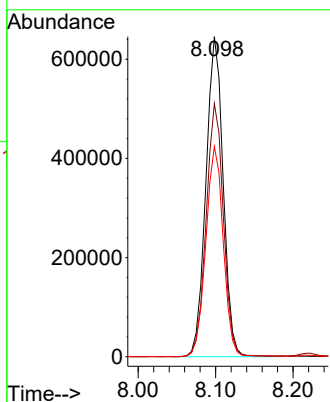
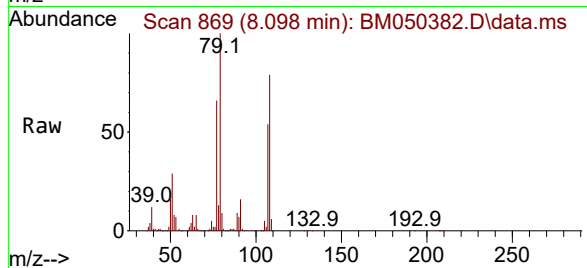
Tgt Ion: 79 Resp: 1000035

Ion Ratio Lower Upper

79 100

108 79.1 63.0 94.4

77 65.7 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.899 ng

RT: 8.398 min Scan# 920

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

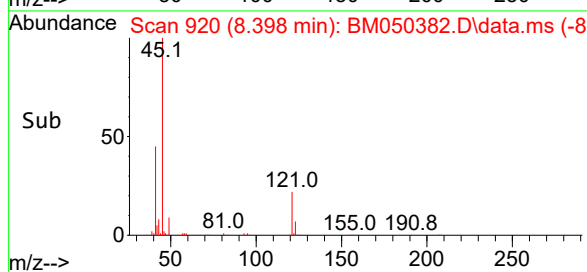
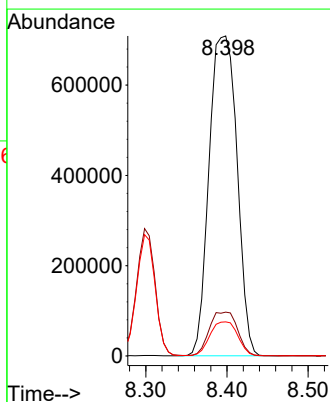
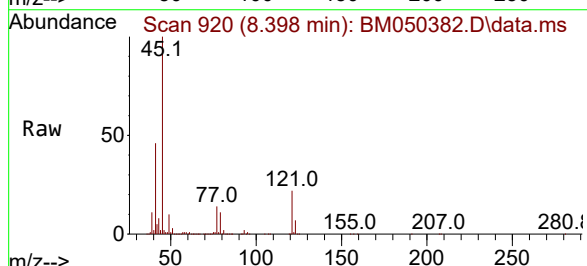
Tgt Ion: 45 Resp: 1694093

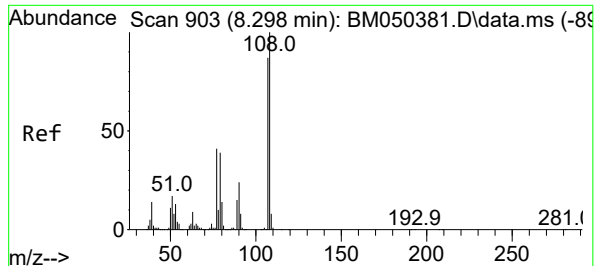
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

79 10.7 0.0 30.3





#17

2-Methylphenol

Concen: 54.938 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050382.D

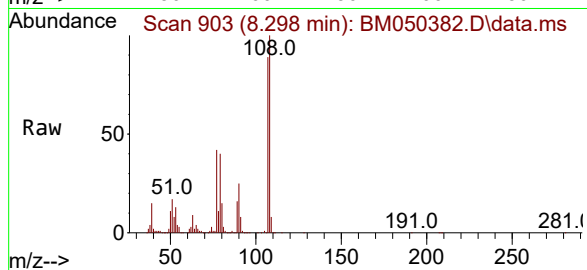
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

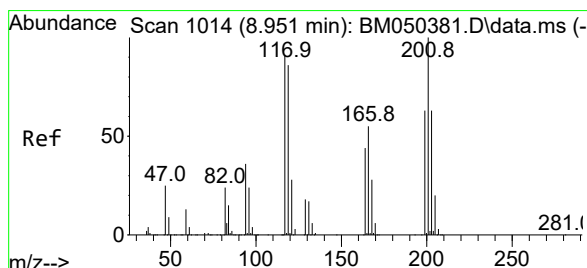
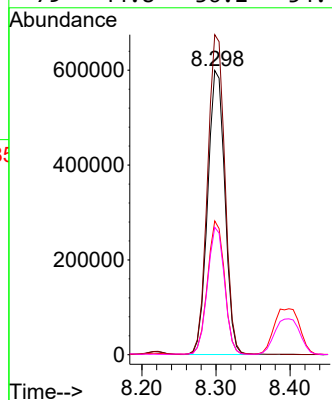
ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 967335

Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.1	138.1
77	47.0	38.2	57.4
79	44.8	36.2	54.4



#18

Hexachloroethane

Concen: 53.689 ng

RT: 8.951 min Scan# 1014

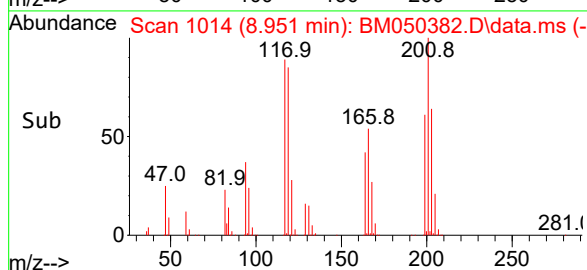
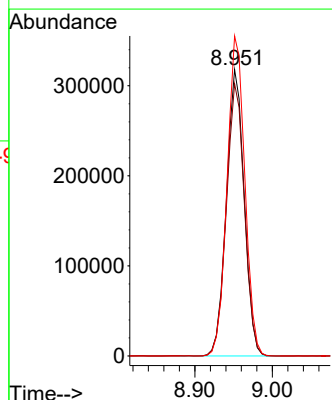
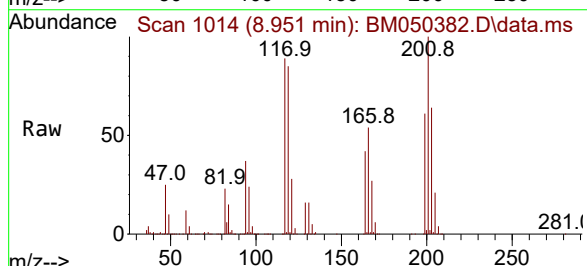
Delta R.T. 0.000 min

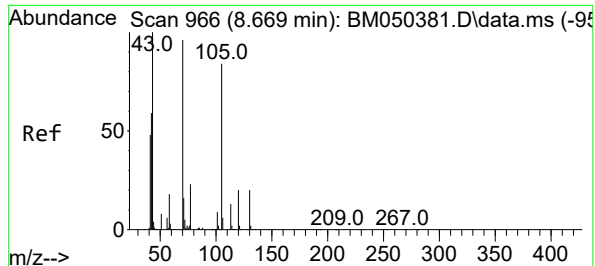
Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:117 Resp: 510428

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	111.8	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 56.604 ng

RT: 8.675 min Scan# 966

Delta R.T. 0.006 min

Lab File: BM050382.D

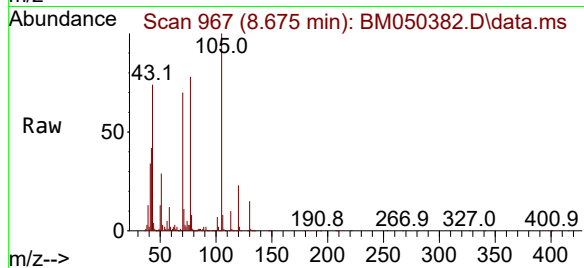
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

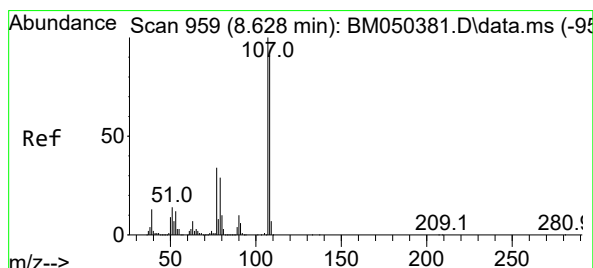
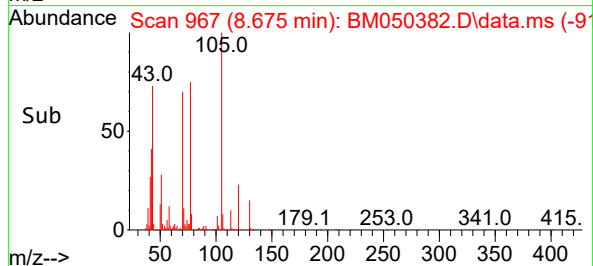
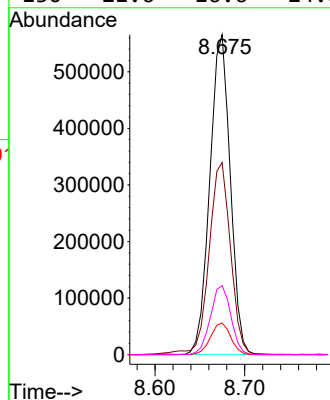
ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 892537

Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8



#20

3+4-Methylphenols

Concen: 54.800 ng

RT: 8.628 min Scan# 959

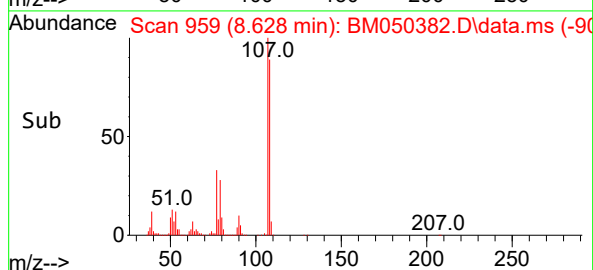
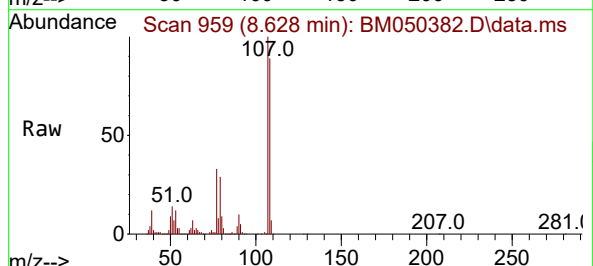
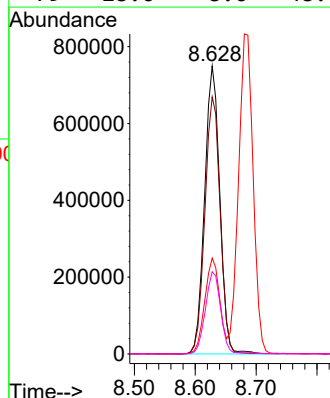
Delta R.T. 0.000 min

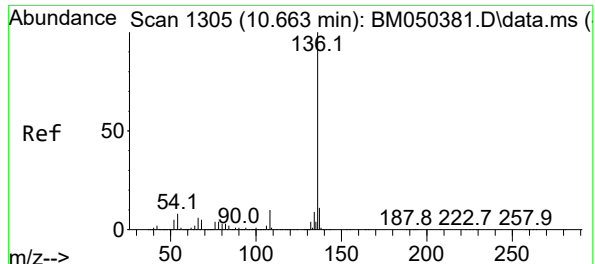
Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion: 107 Resp: 1295330

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	33.3	13.7	53.7
79	28.6	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 1368622

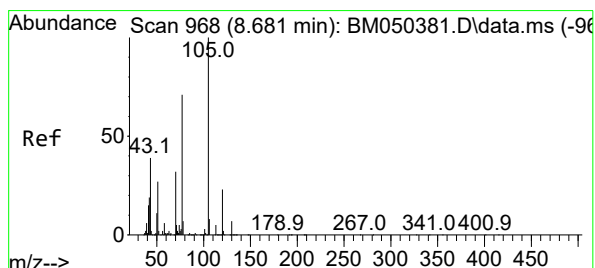
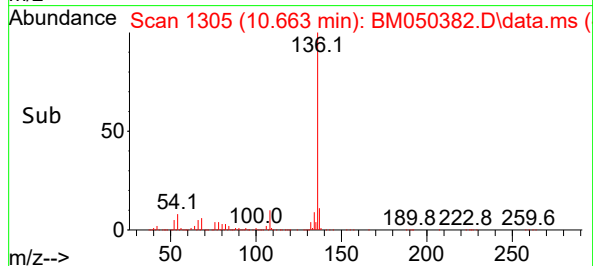
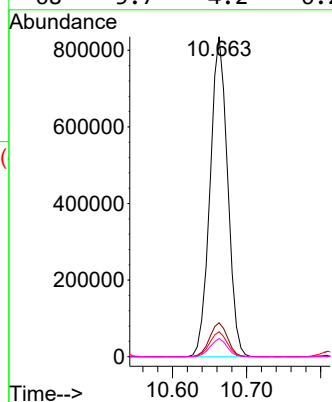
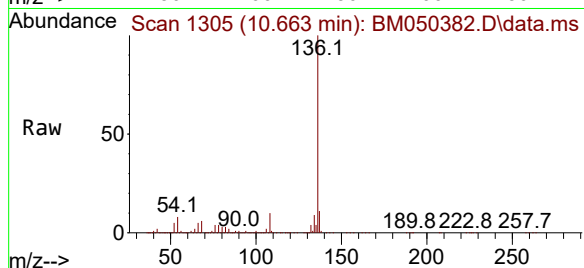
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.8 6.3 9.5

68 5.7 4.2 6.2



#22

Acetophenone

Concen: 53.438 ng

RT: 8.687 min Scan# 969

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:105 Resp: 1828595

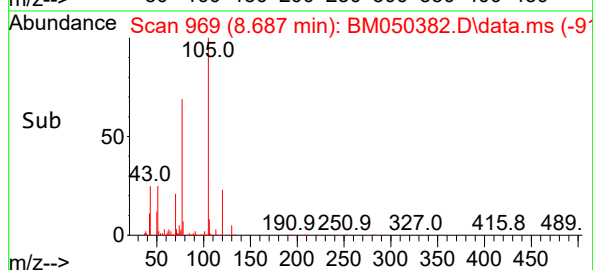
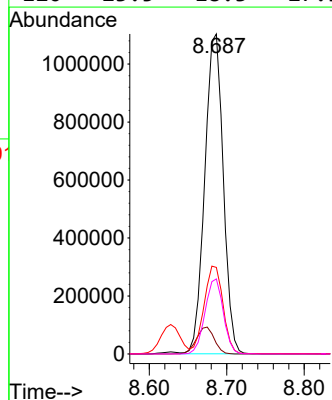
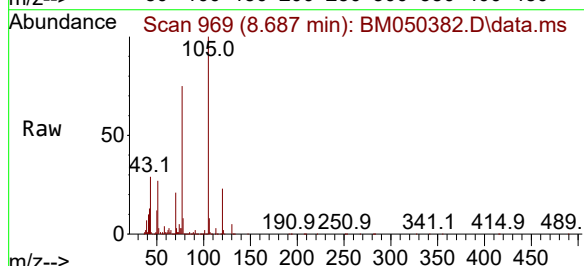
Ion Ratio Lower Upper

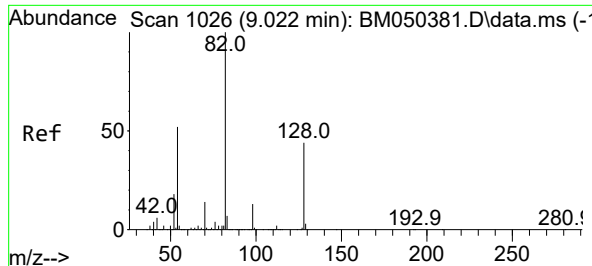
105 100

71 3.3 4.4 6.6#

51 27.0 23.0 34.6

120 23.5 18.3 27.5

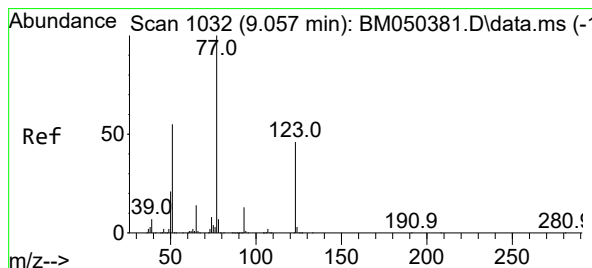
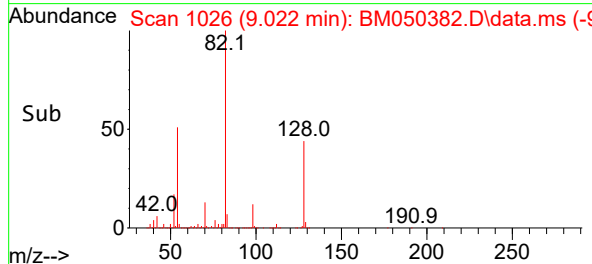
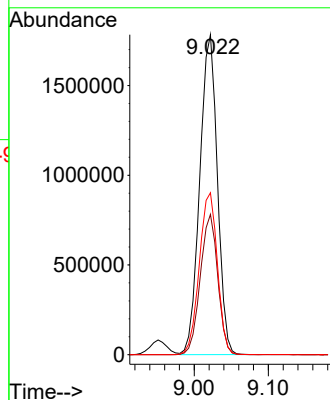
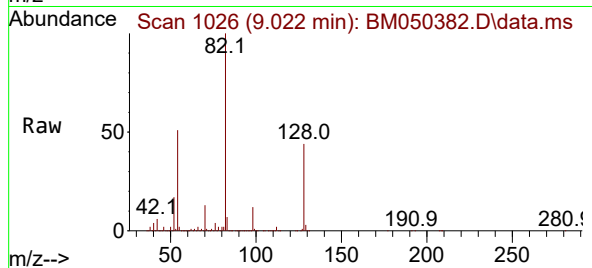




#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

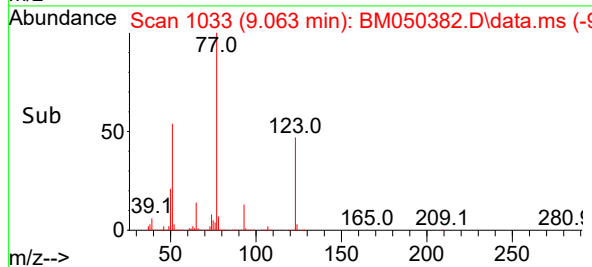
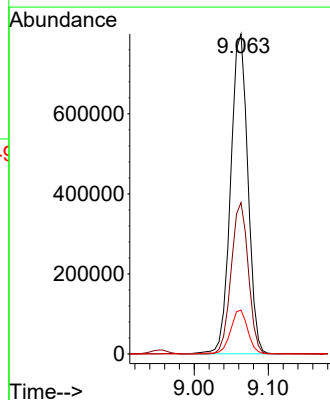
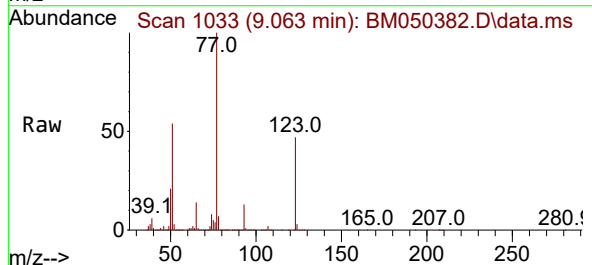
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

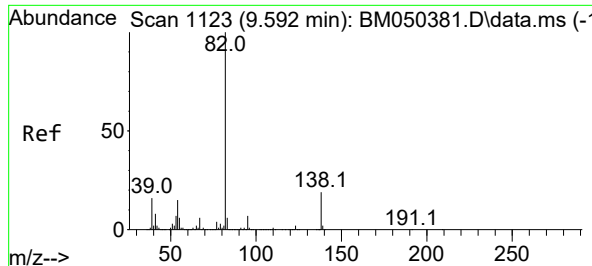
Tgt Ion: 82 Resp: 2937689
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.6 41.5 62.3



#24
Nitrobenzene
Concen: 53.879 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 77 Resp: 1289779
Ion Ratio Lower Upper
77 100
123 47.3 37.0 55.6
65 13.7 11.0 16.4

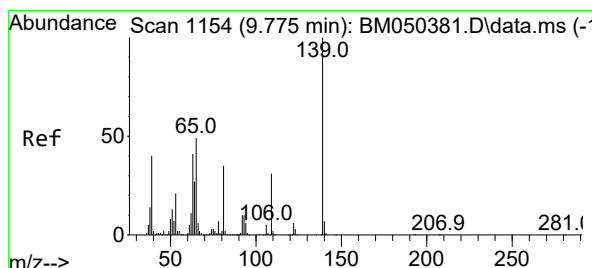
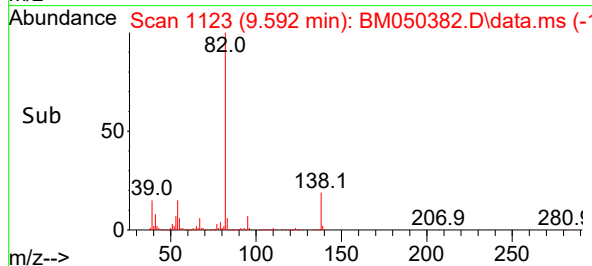
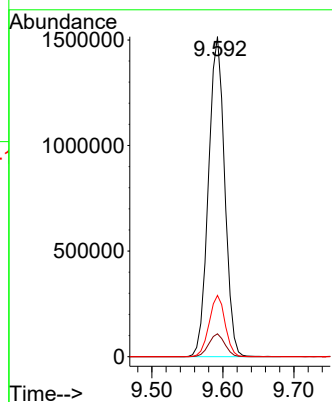
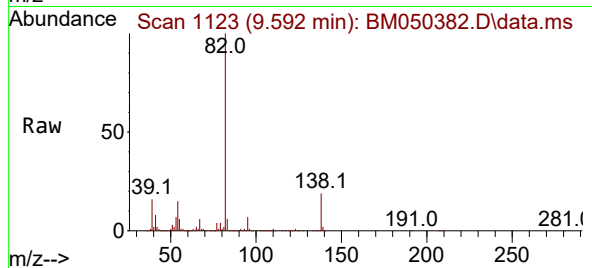




#25
Isophorone
Concen: 55.168 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

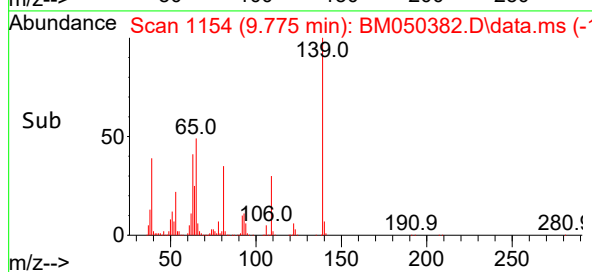
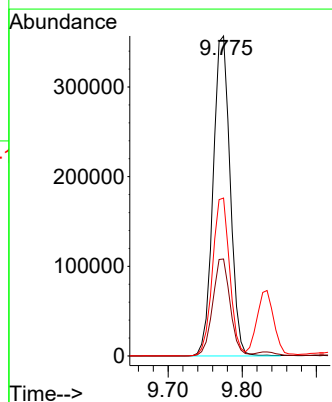
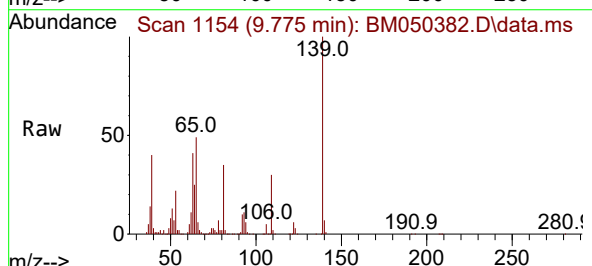
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

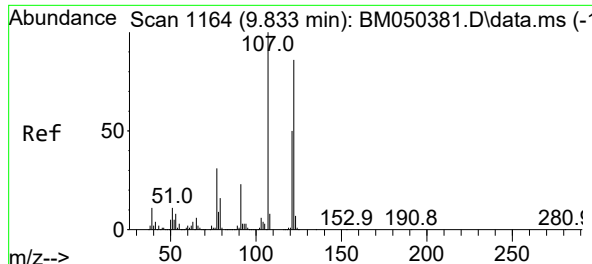
Tgt Ion: 82 Resp: 2401483
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.2 15.3 22.9



#26
2-Nitrophenol
Concen: 58.414 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 139 Resp: 569906
Ion Ratio Lower Upper
139 100
109 30.3 24.6 36.8
65 49.3 39.2 58.8

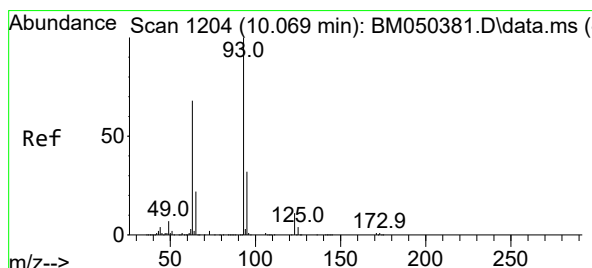
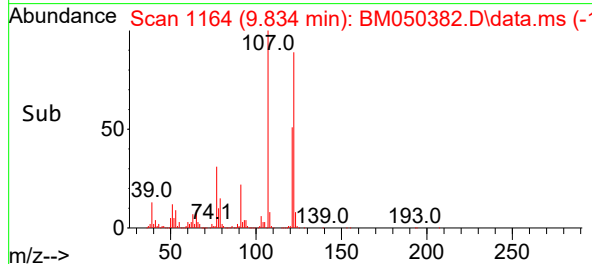
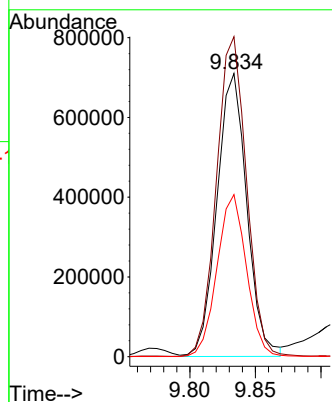
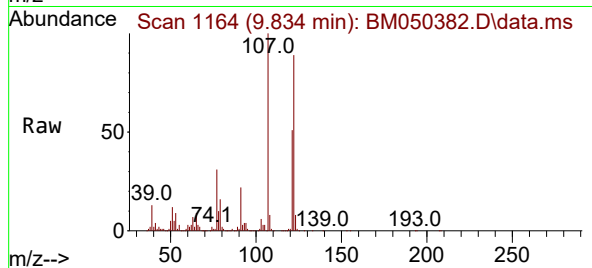




#27
2,4-Dimethylphenol
Concen: 54.178 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

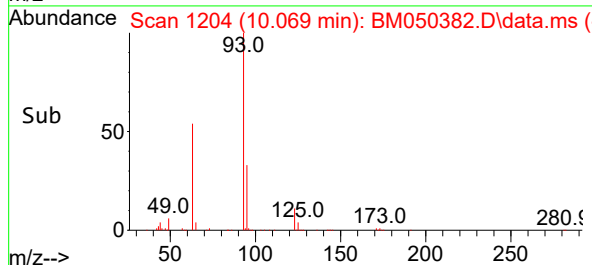
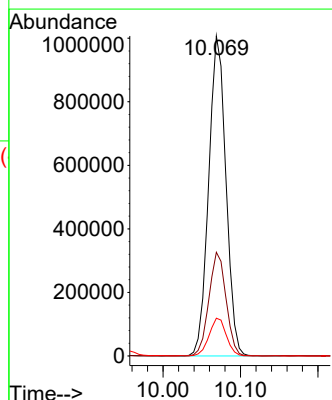
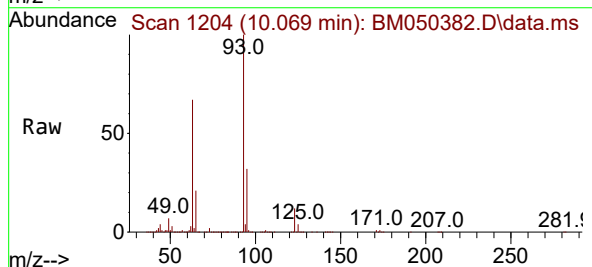
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

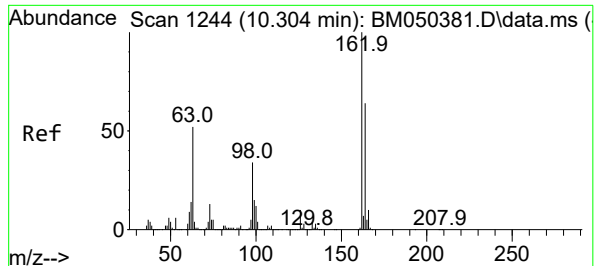
Tgt Ion:122 Resp: 1124761
Ion Ratio Lower Upper
122 100
107 113.0 93.0 139.6
121 57.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 53.910 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1555003
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.130 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

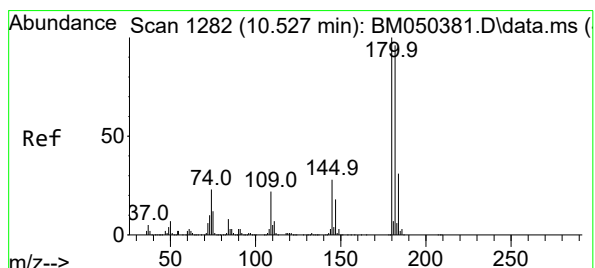
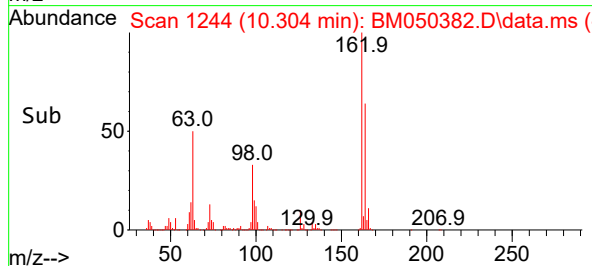
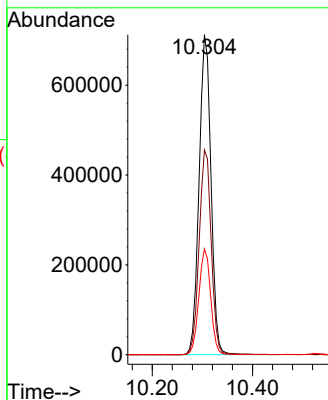
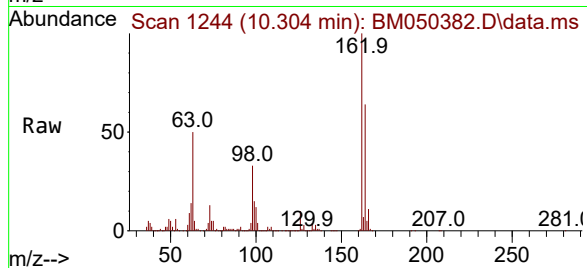
Tgt Ion:162 Resp: 1175856

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 33.0 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 53.267 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

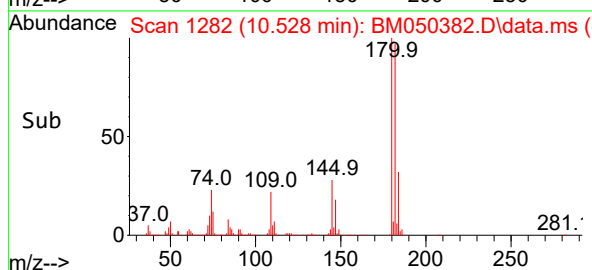
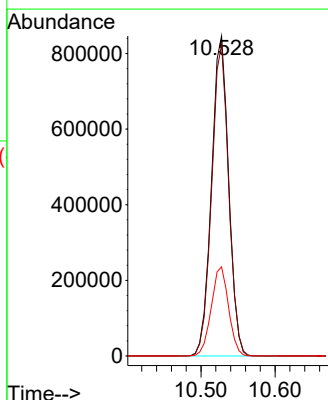
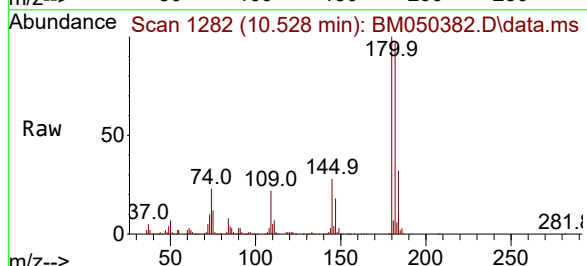
Tgt Ion:180 Resp: 1359109

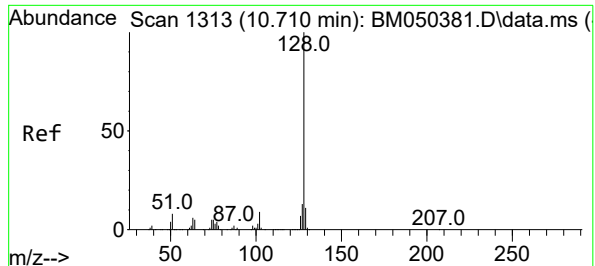
Ion Ratio Lower Upper

180 100

182 97.3 76.8 115.2

145 27.9 22.6 33.8

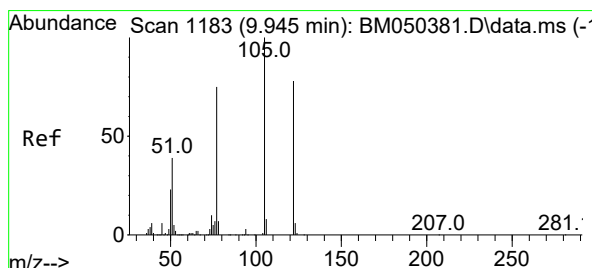
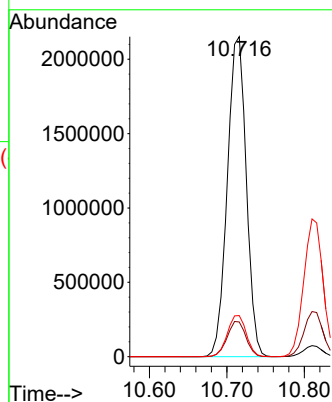
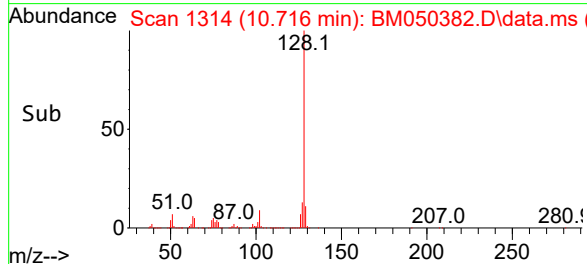
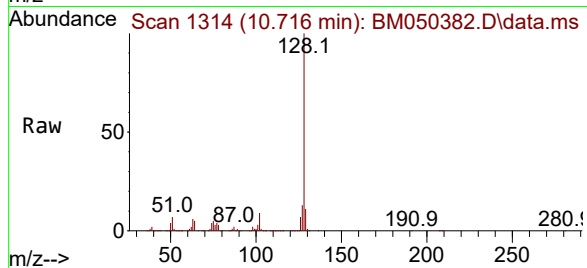




#31
Naphthalene
Concen: 52.691 ng
RT: 10.716 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

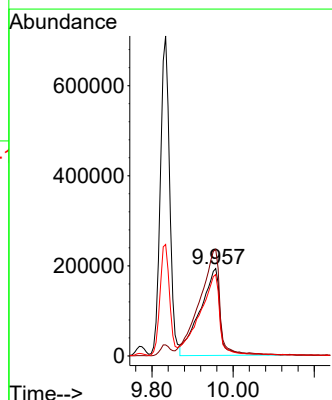
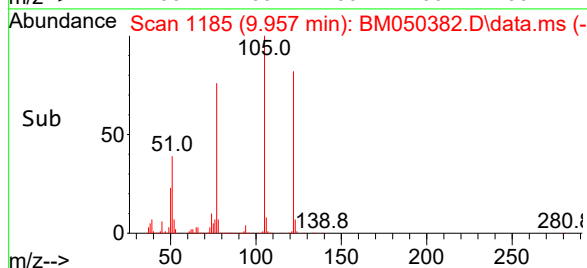
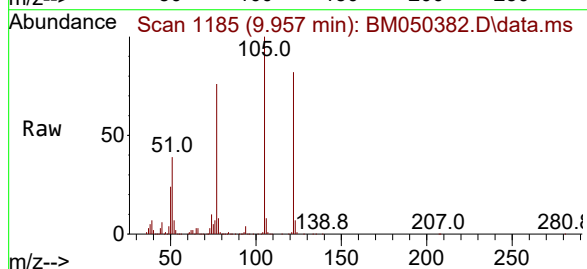
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

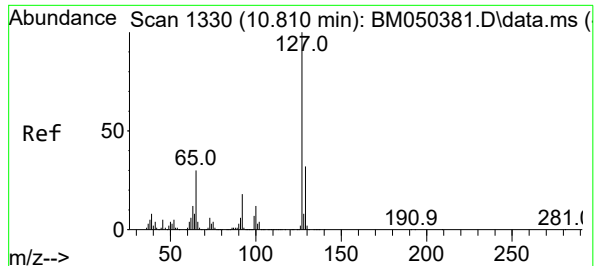
Tgt Ion:128 Resp: 3662846
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 51.765 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:122 Resp: 666467
Ion Ratio Lower Upper
122 100
105 122.1 104.0 144.0
77 93.3 73.8 113.8

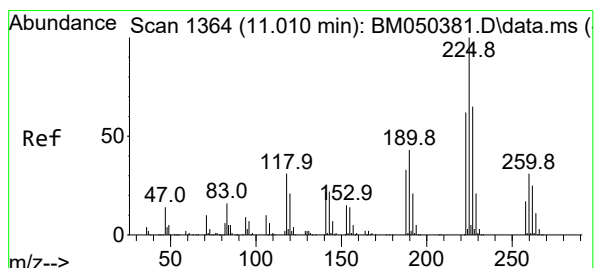
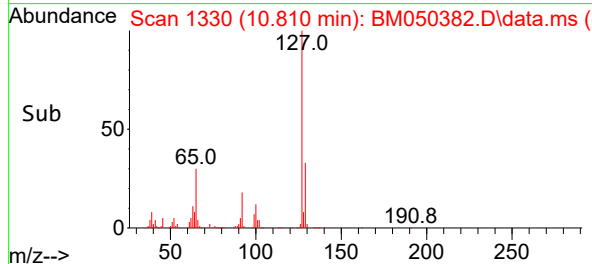
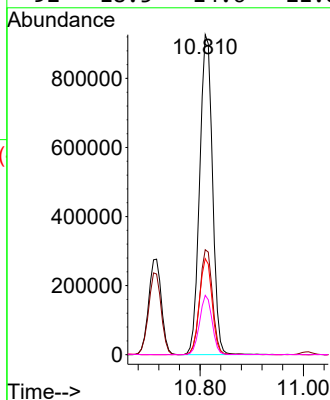
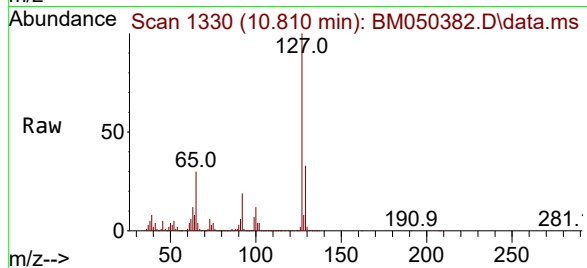




#33
4-Chloroaniline
Concen: 54.189 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

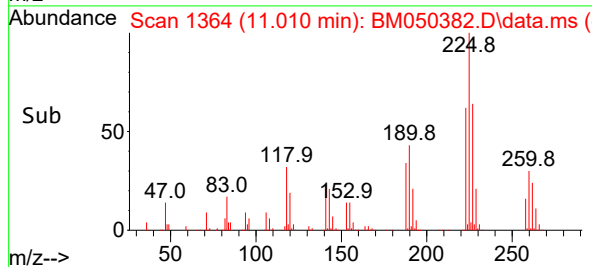
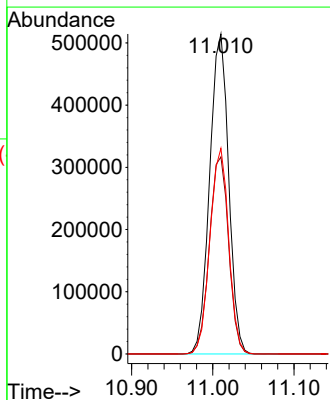
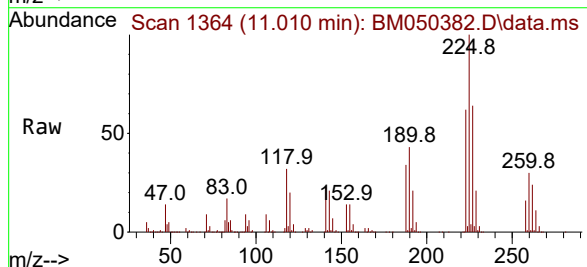
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

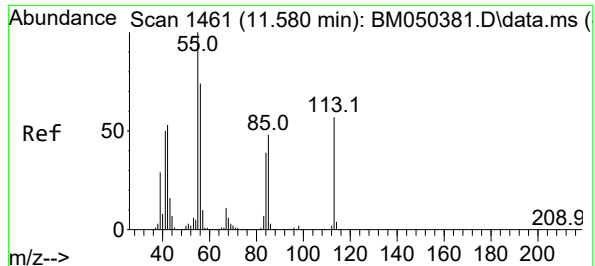
Tgt Ion:127 Resp: 1592528
Ion Ratio Lower Upper
127 100
129 32.8 25.5 38.3
65 30.0 23.9 35.9
92 18.5 14.6 21.8



#34
Hexachlorobutadiene
Concen: 53.639 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:225 Resp: 835314
Ion Ratio Lower Upper
225 100
223 61.6 49.7 74.5
227 64.2 52.1 78.1

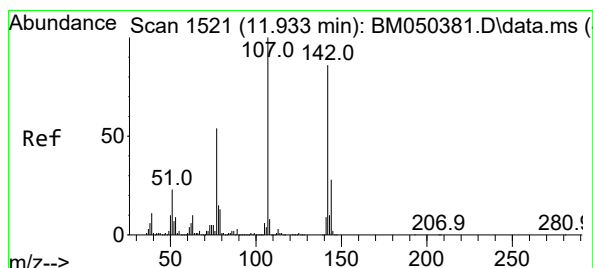
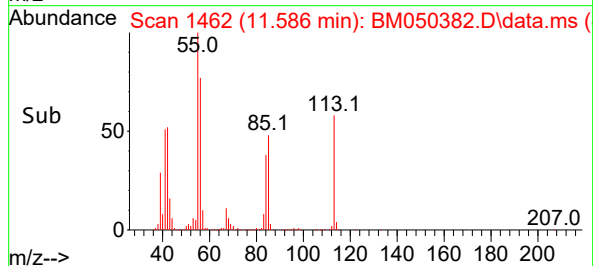
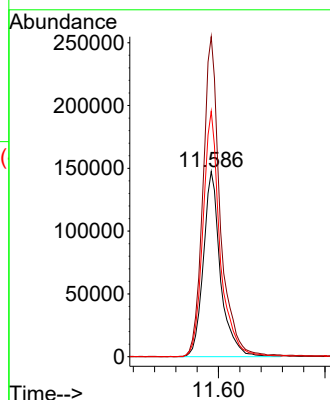
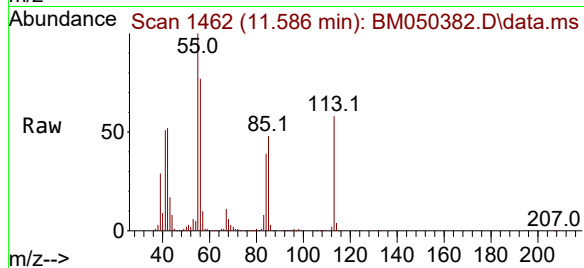




#35
Caprolactam
Concen: 56.364 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

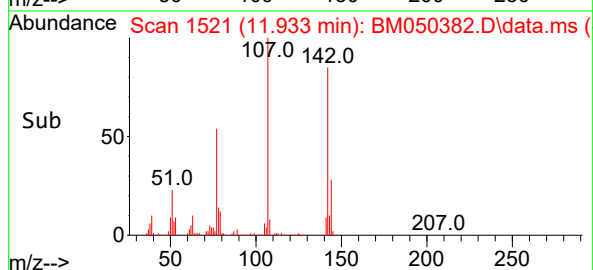
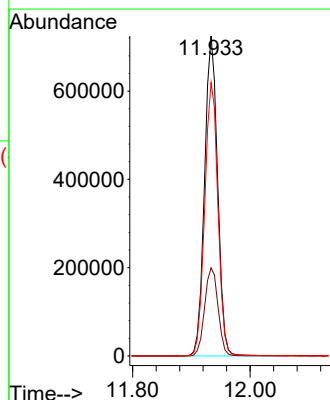
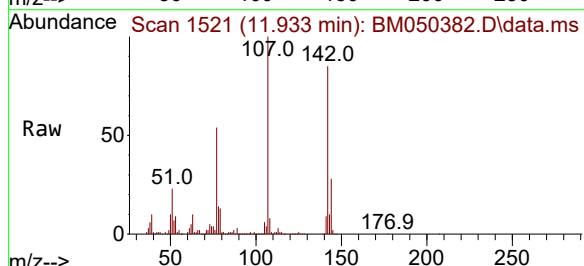
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

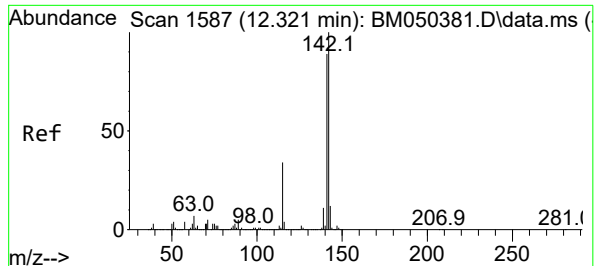
Tgt Ion:113 Resp: 328173
Ion Ratio Lower Upper
113 100
55 172.8 157.2 197.2
56 132.6 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 55.959 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1114543
Ion Ratio Lower Upper
107 100
144 27.6 22.2 33.4
142 85.4 68.7 103.1

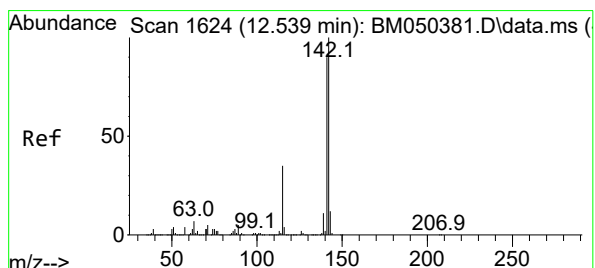
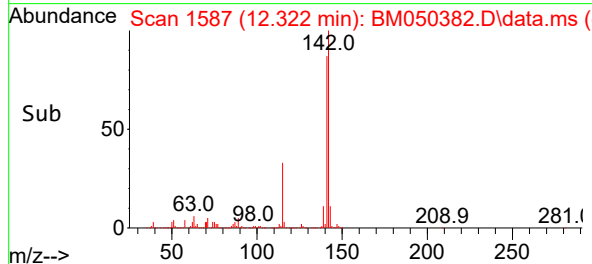
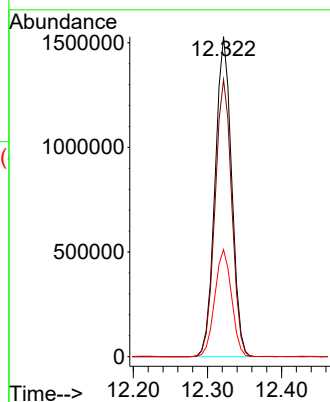
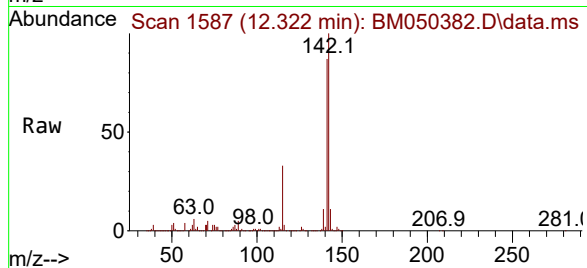




#37
2-Methylnaphthalene
Concen: 53.990 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

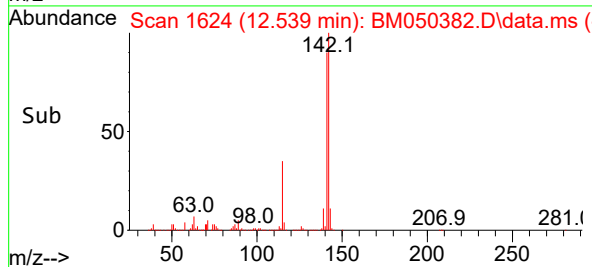
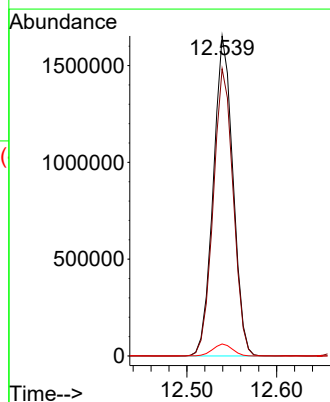
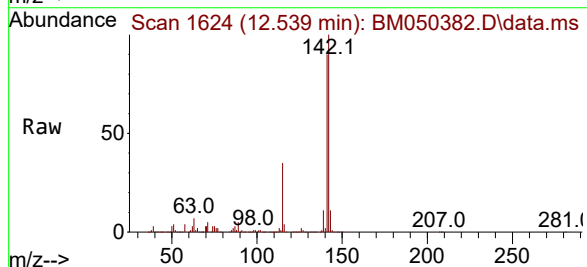
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

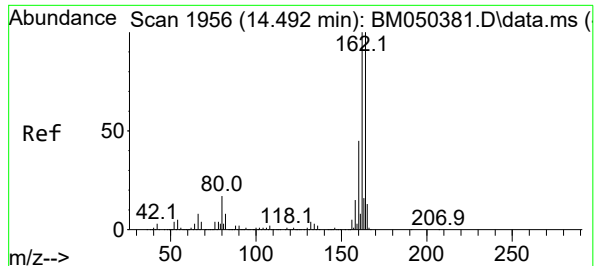
Tgt Ion:142 Resp: 2369763
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 33.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 54.226 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:142 Resp: 2518911
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

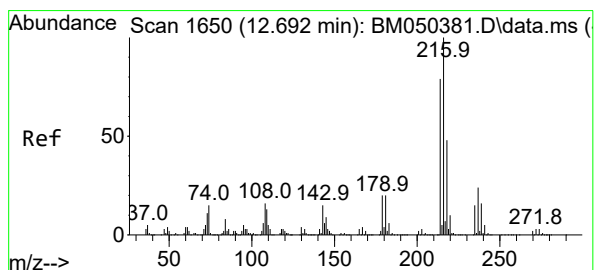
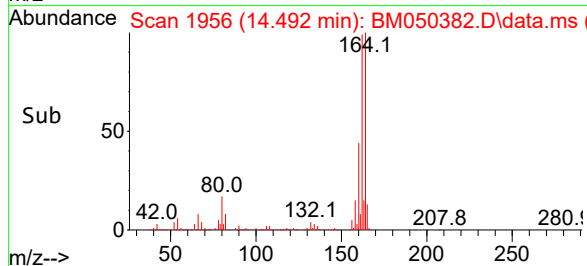
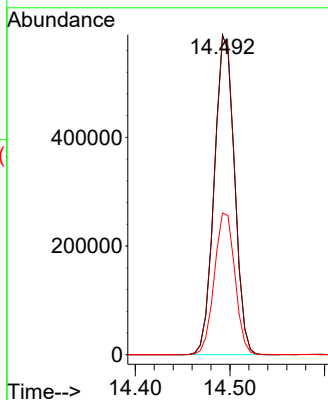
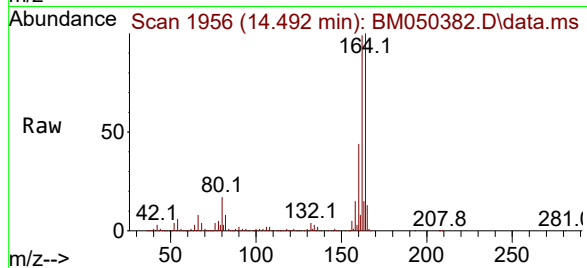
Tgt Ion:164 Resp: 874077

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.004 ng

RT: 12.692 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:216 Resp: 1528897

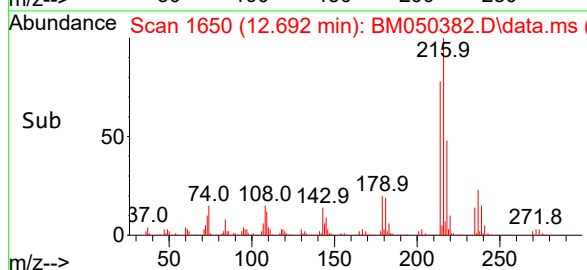
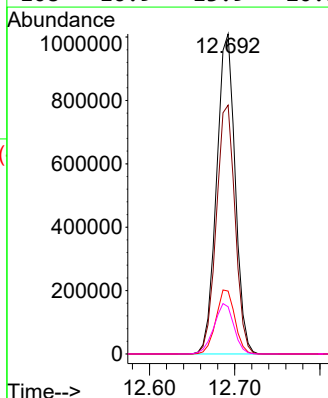
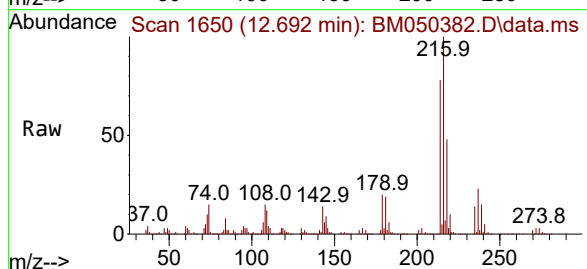
Ion Ratio Lower Upper

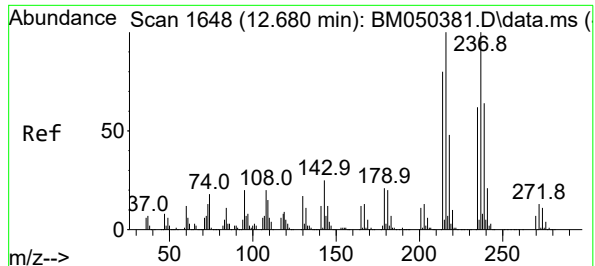
216 100

214 78.4 63.3 94.9

179 20.4 16.4 24.6

108 16.9 13.9 20.9

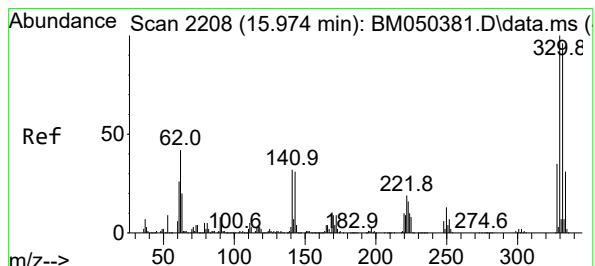
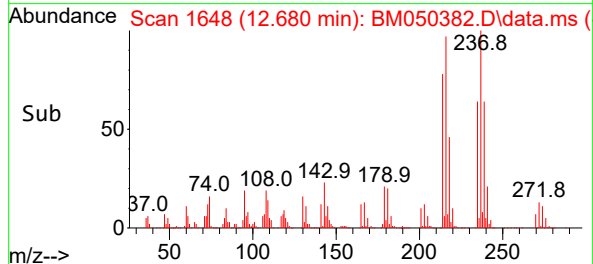
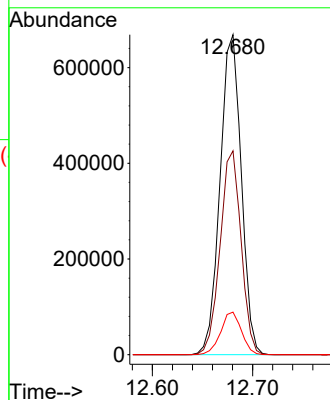
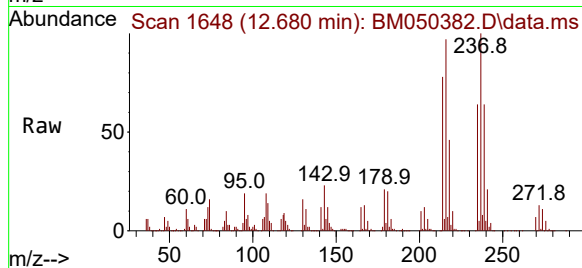




#41
Hexachlorocyclopentadiene
Concen: 55.306 ng
RT: 12.680 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

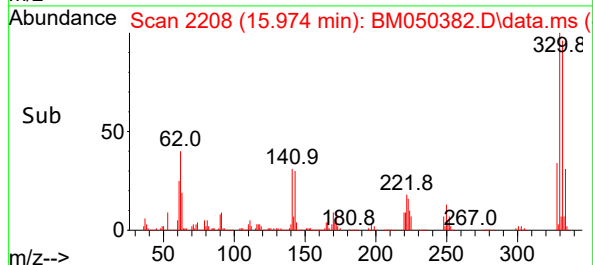
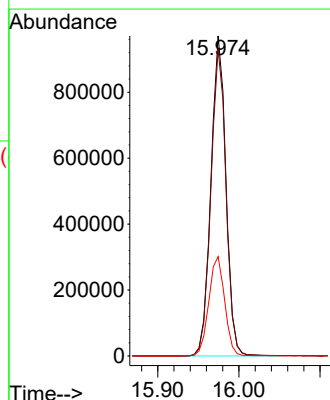
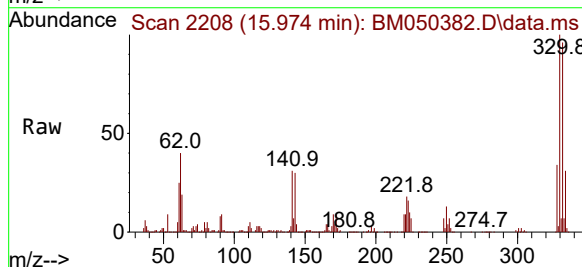
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

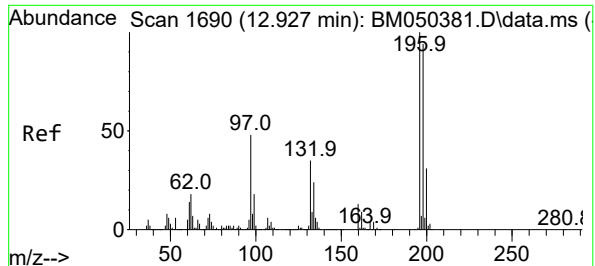
Tgt Ion:237 Resp: 982675
Ion Ratio Lower Upper
237 100
235 63.7 42.3 82.3
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 117.361 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:330 Resp: 1246384
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.9 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 56.583 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

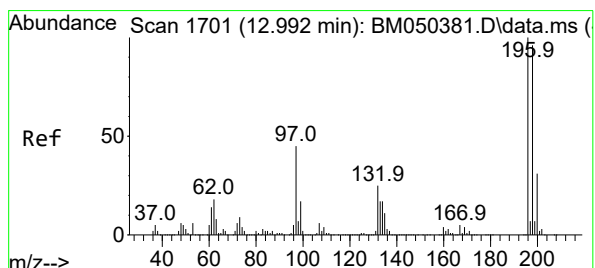
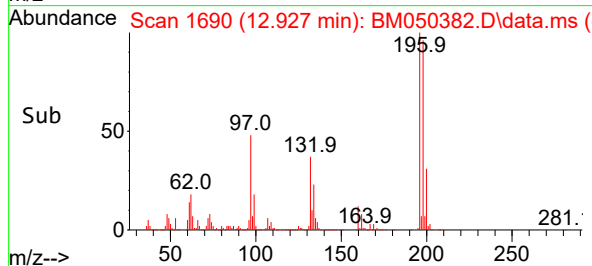
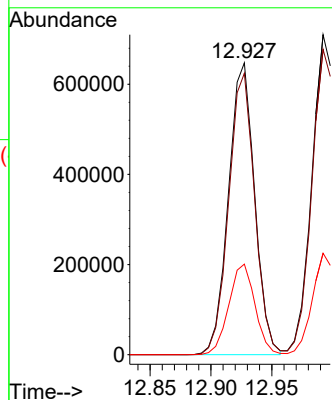
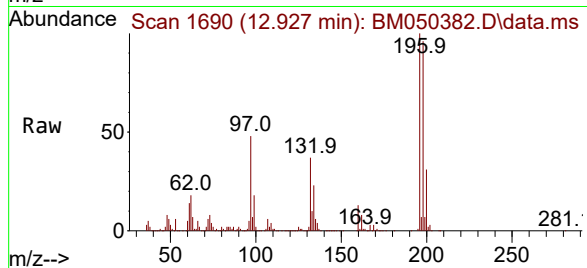
Tgt Ion:196 Resp: 968128

Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 56.628 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:196 Resp: 1058158

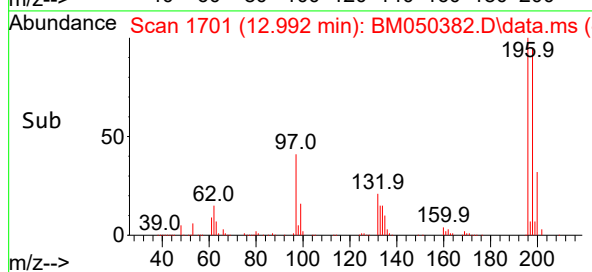
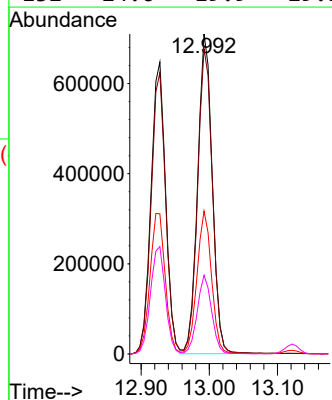
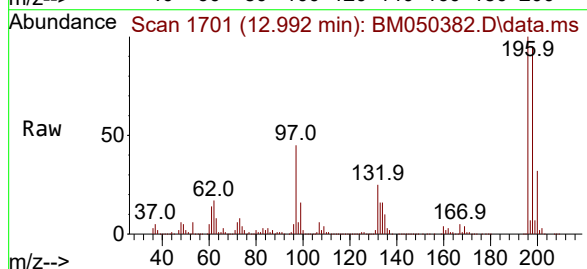
Ion Ratio Lower Upper

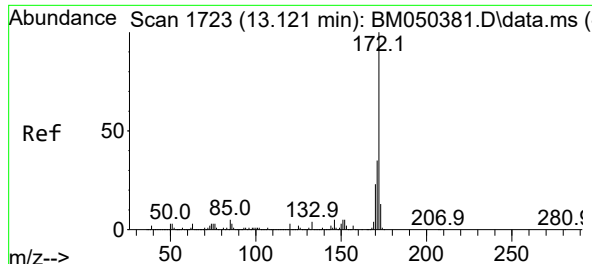
196 100

198 95.4 77.2 115.8

97 44.6 36.2 54.4

132 24.6 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 108.218 ng

RT: 13.122 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

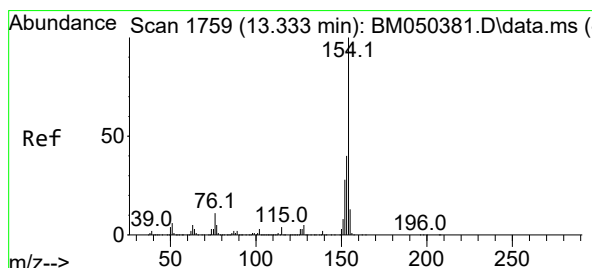
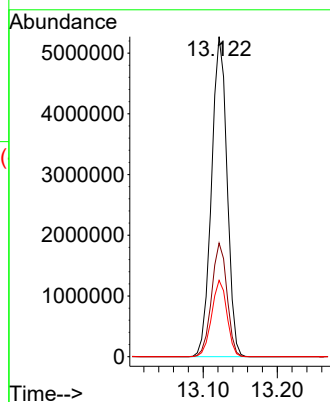
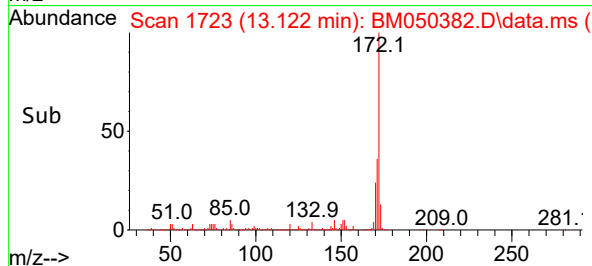
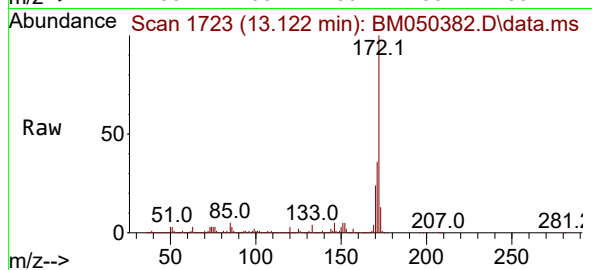
Tgt Ion:172 Resp: 7659625

Ion Ratio Lower Upper

172 100

171 35.5 27.7 41.5

170 23.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.449 ng

RT: 13.333 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

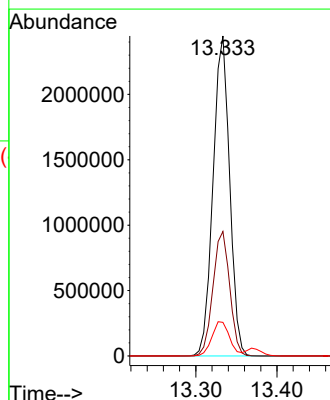
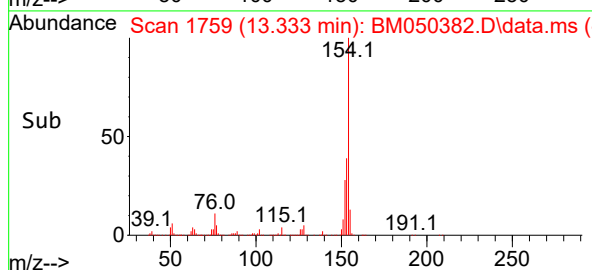
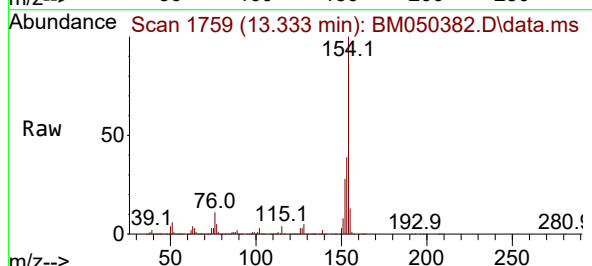
Tgt Ion:154 Resp: 3466190

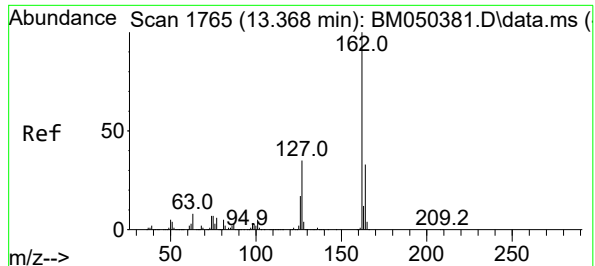
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 10.5 0.0 30.9

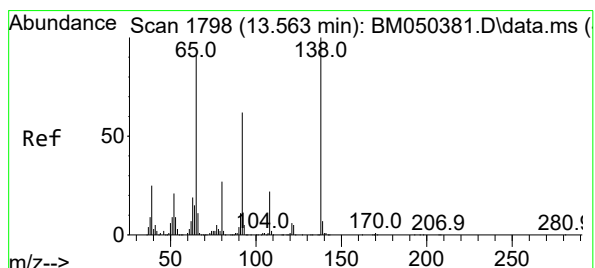
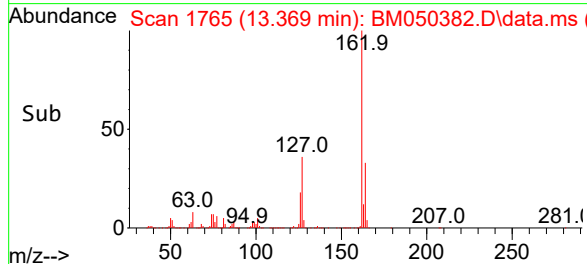
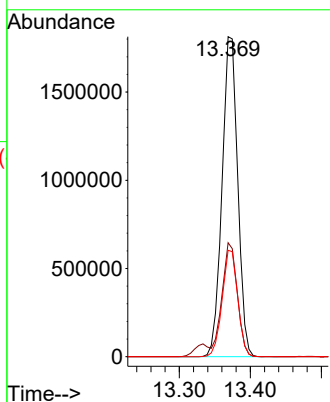
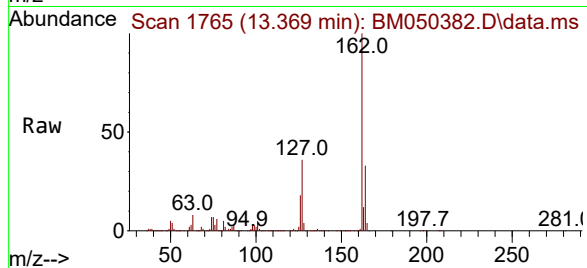




#47
2-Chloronaphthalene
Concen: 53.538 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

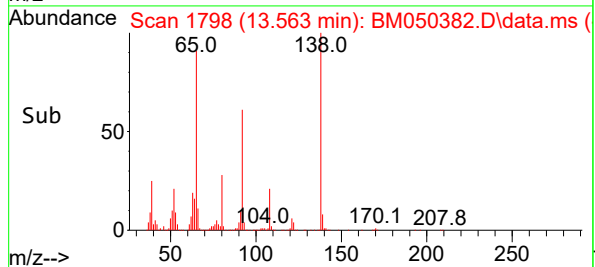
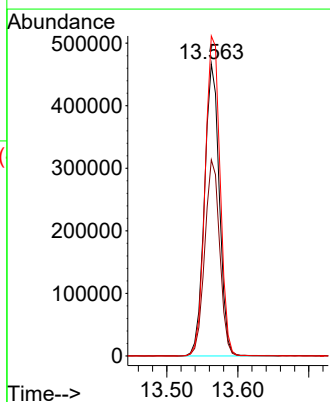
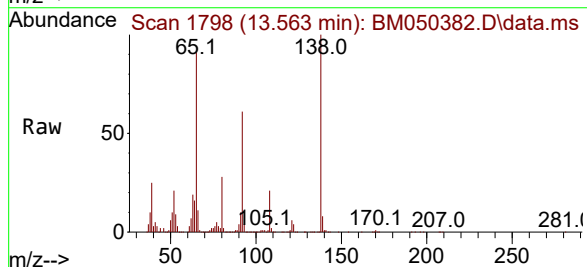
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

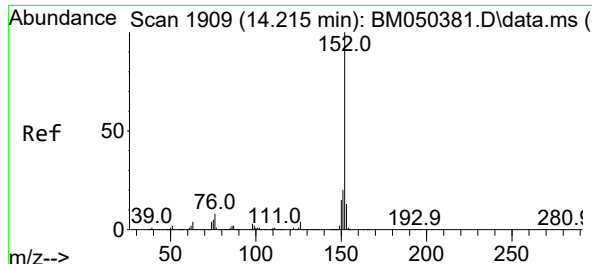
Tgt Ion:162 Resp: 2768272
Ion Ratio Lower Upper
162 100
127 35.6 28.3 42.5
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 59.115 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 65 Resp: 682263
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 109.6 87.8 131.6





#49

Acenaphthylene

Concen: 54.707 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

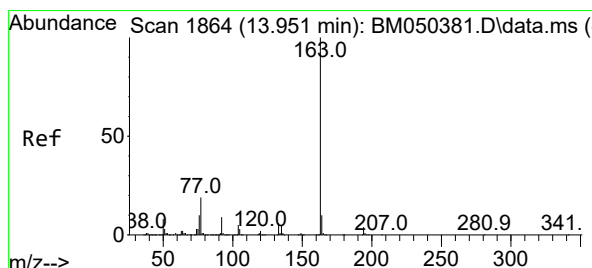
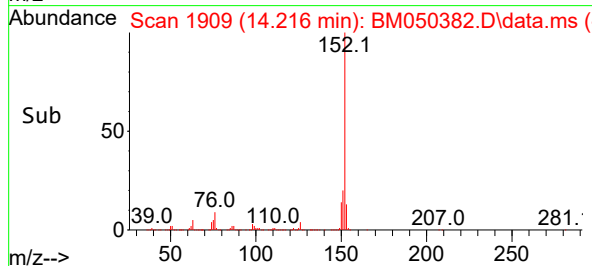
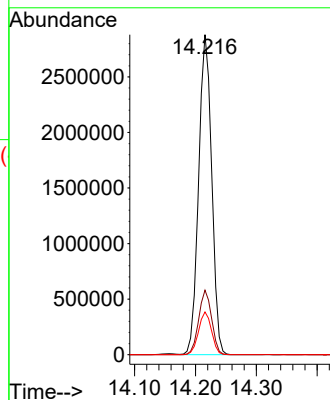
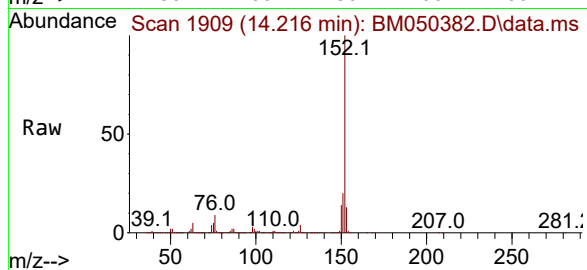
Tgt Ion:152 Resp: 4274915

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 54.681 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

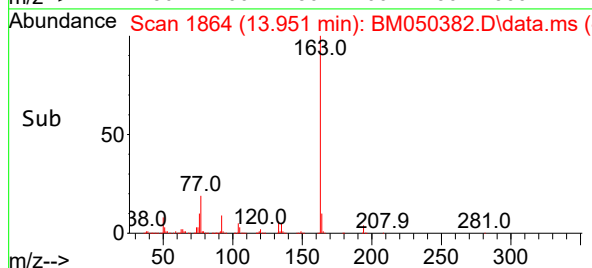
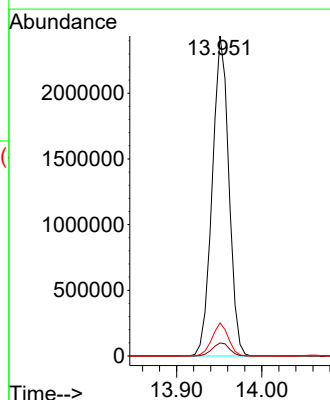
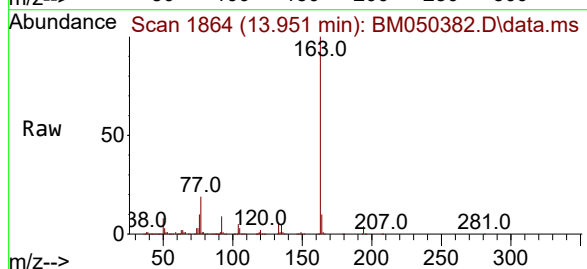
Tgt Ion:163 Resp: 3290612

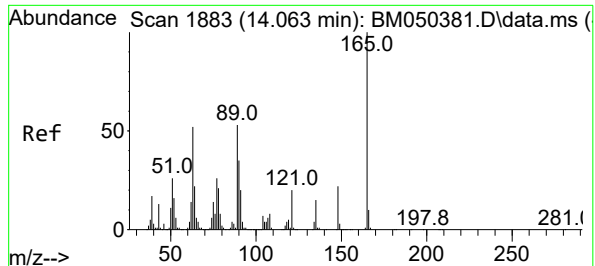
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.3 8.2 12.2

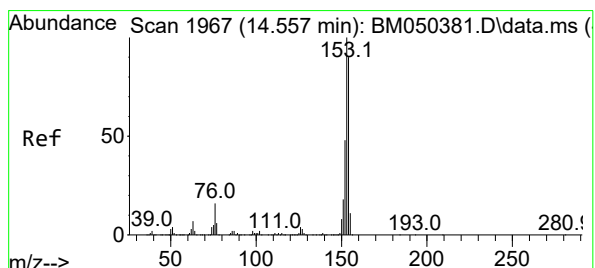
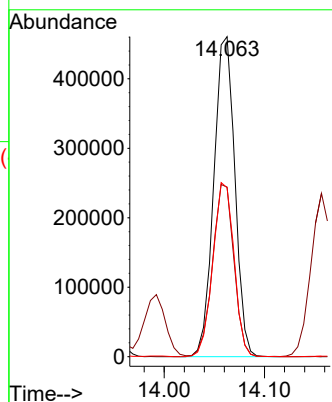
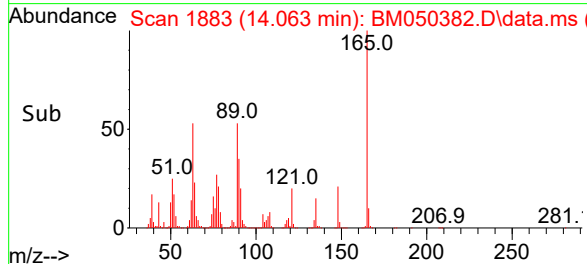
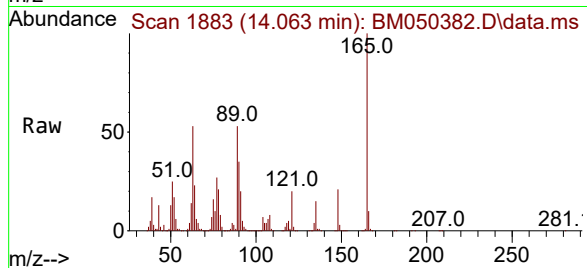




#51
2,6-Dinitrotoluene
Concen: 58.189 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

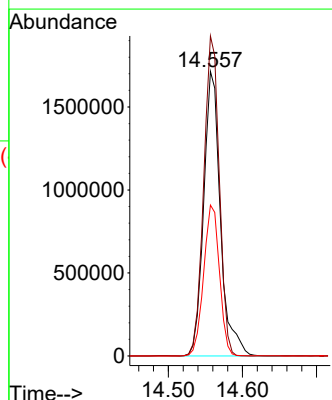
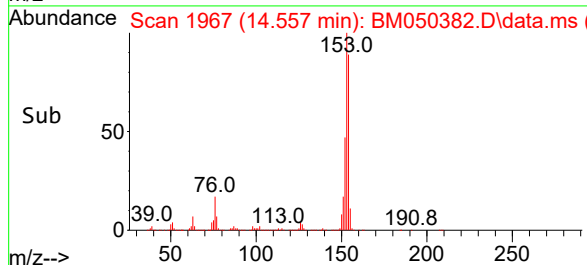
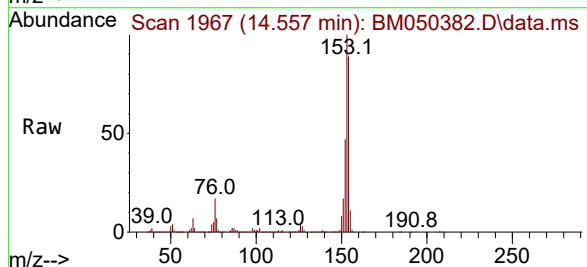
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

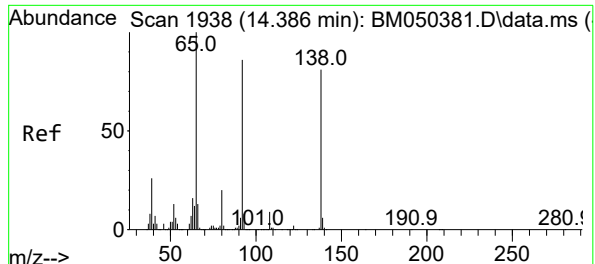
Tgt Ion:165 Resp: 672335
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 52.8 42.2 63.2



#52
Acenaphthene
Concen: 54.128 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 2689063
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 53.0 42.6 64.0

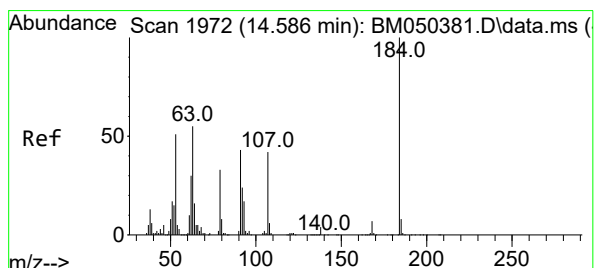
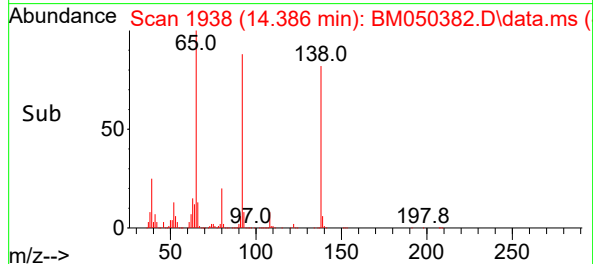
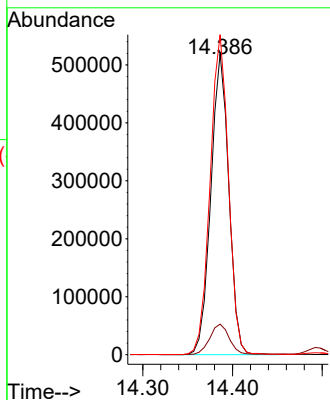
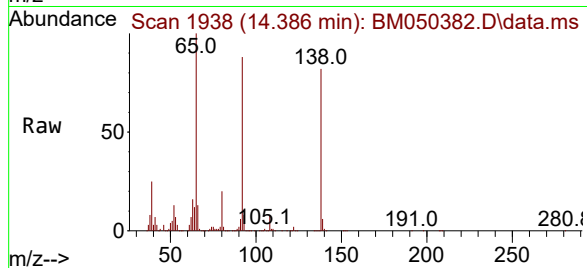




#53
3-Nitroaniline
Concen: 58.770 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

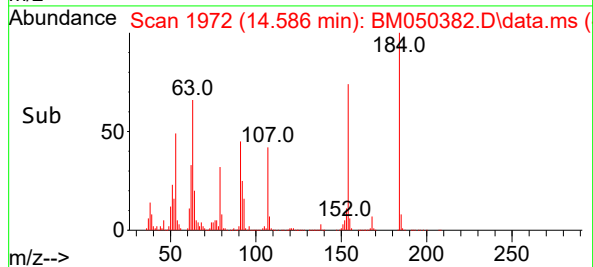
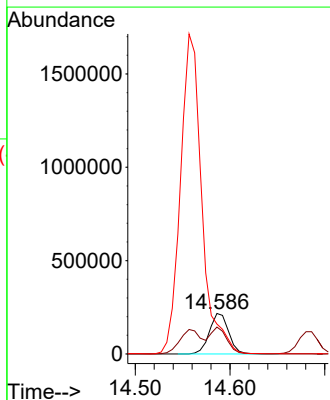
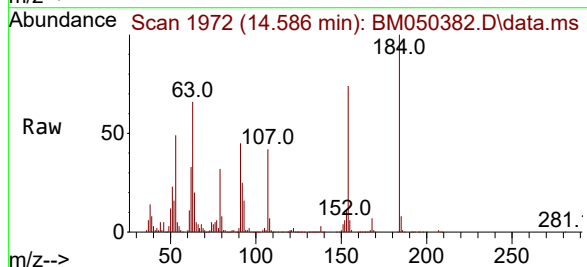
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

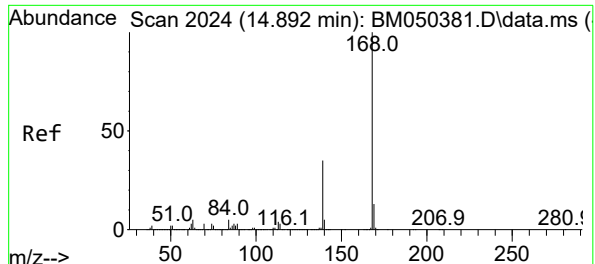
Tgt Ion:138 Resp: 722162
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 106.3 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 50.427 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:184 Resp: 305096
Ion Ratio Lower Upper
184 100
63 66.4 53.4 80.0
154 74.1 61.6 92.4





#55

Dibenzenofuran

Concen: 53.680 ng

RT: 14.892 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

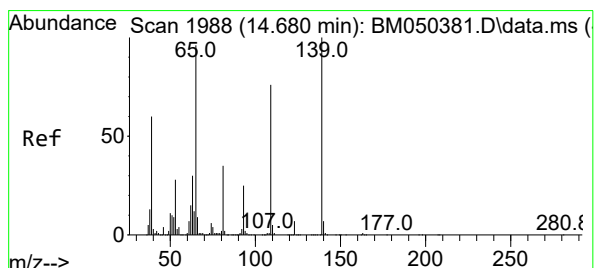
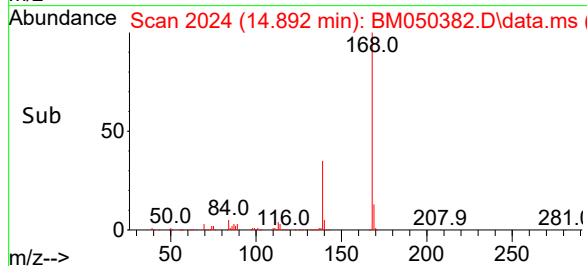
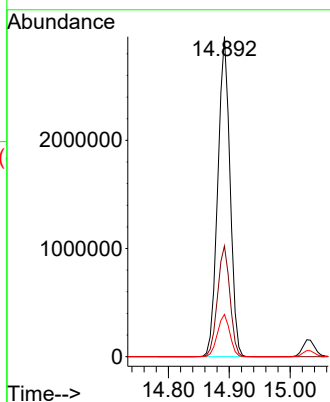
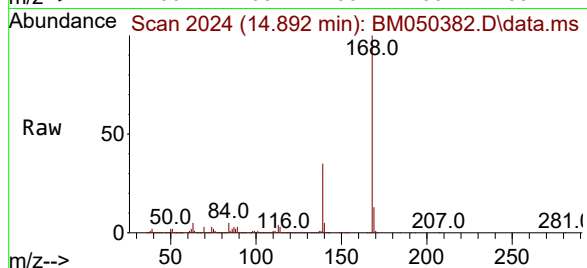
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 4109027

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.2	10.7	16.1



#56

4-Nitrophenol

Concen: 57.060 ng

RT: 14.686 min Scan# 1989

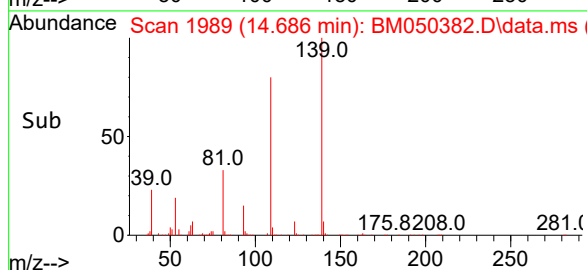
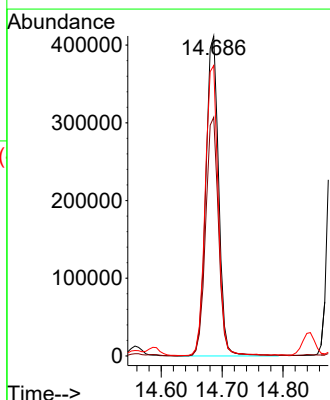
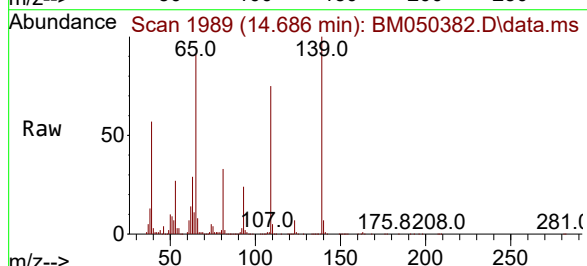
Delta R.T. 0.006 min

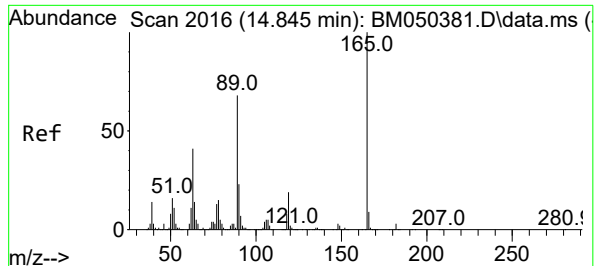
Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 602964

Ion	Ratio	Lower	Upper
139	100		
109	74.6	56.5	96.5
65	90.7	76.4	116.4

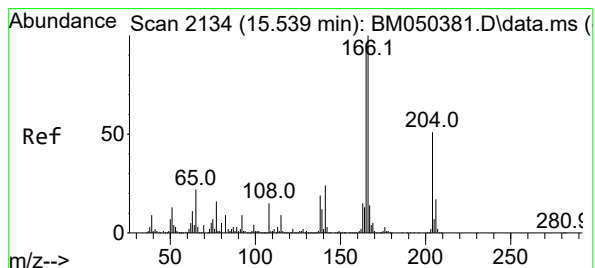
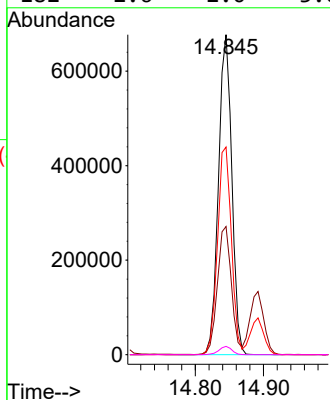
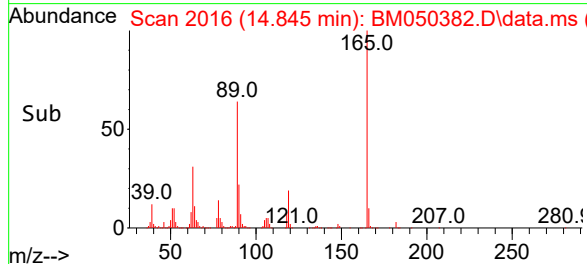
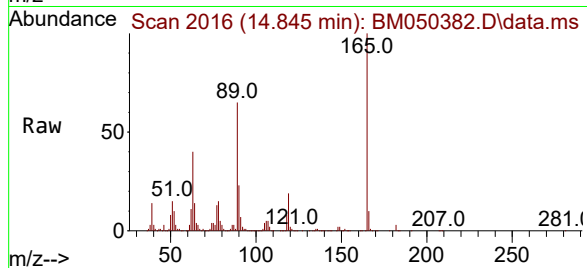




#57
2,4-Dinitrotoluene
Concen: 53.047 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

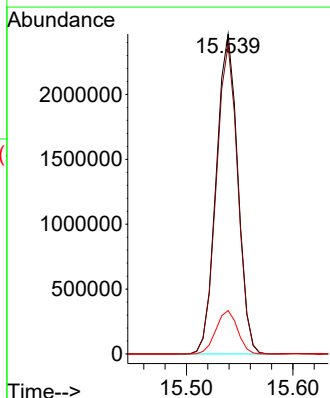
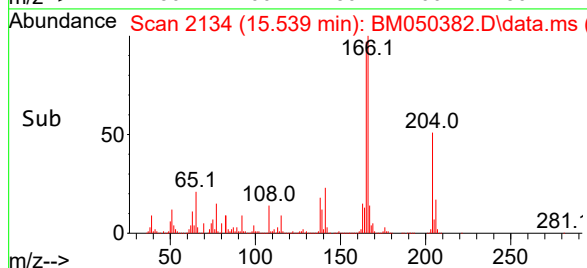
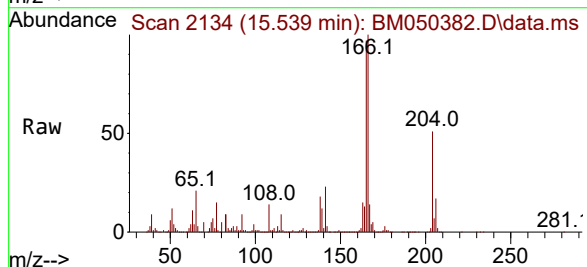
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

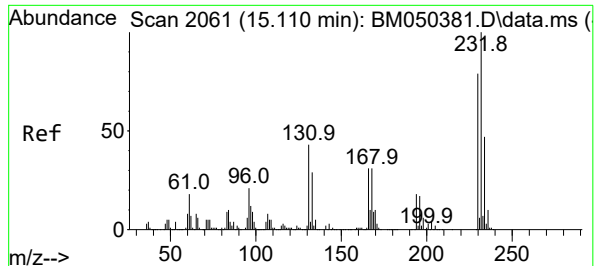
Tgt Ion:165 Resp: 922804
Ion Ratio Lower Upper
165 100
63 40.1 32.5 48.7
89 64.9 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 54.837 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:166 Resp: 3457484
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.6
167 13.5 10.9 16.3

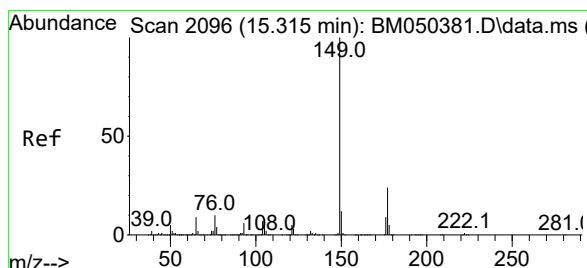
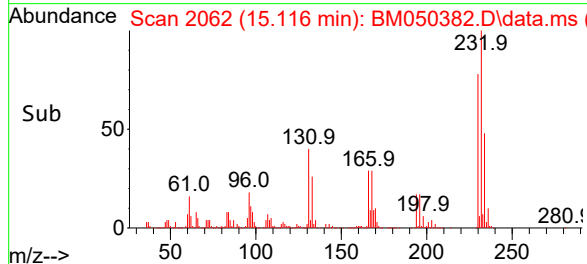
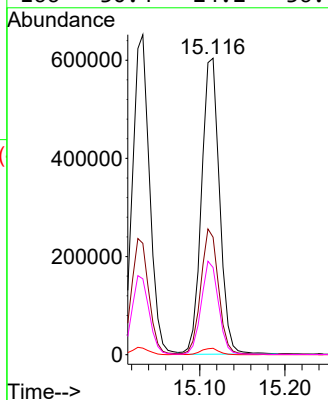
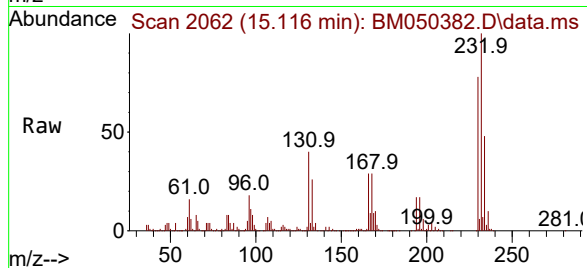




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.275 ng
RT: 15.116 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

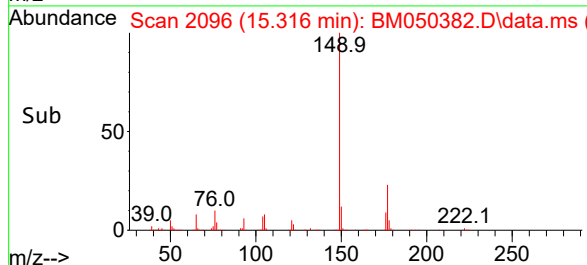
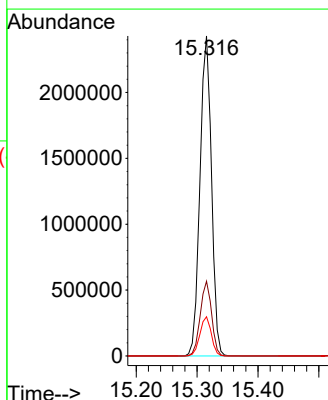
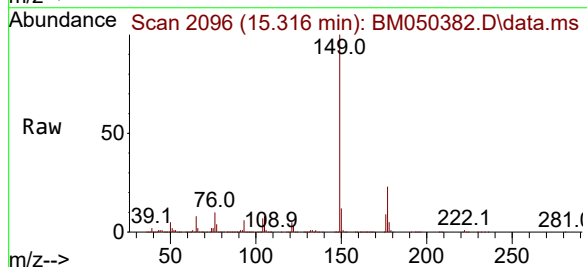
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

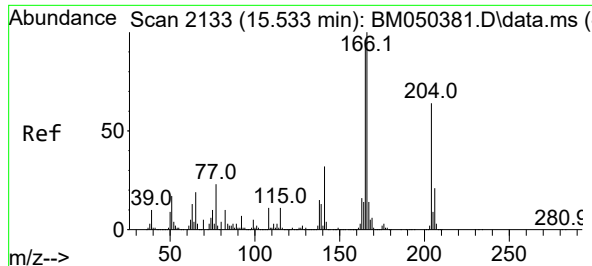
Tgt Ion:232 Resp: 885196
Ion Ratio Lower Upper
232 100
131 42.0 33.4 50.0
130 2.2 1.8 2.6
166 30.4 24.2 36.4



#60
Diethylphthalate
Concen: 55.265 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3176896
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.3 9.8 14.8

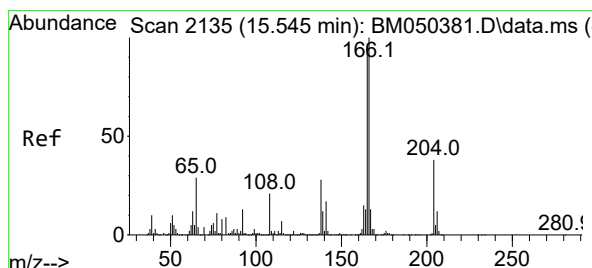
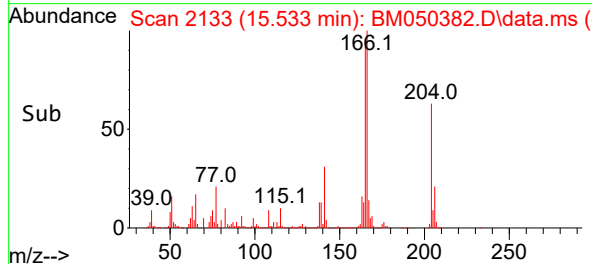
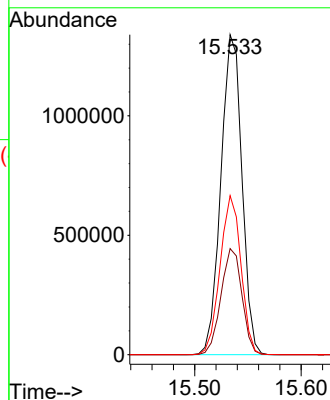
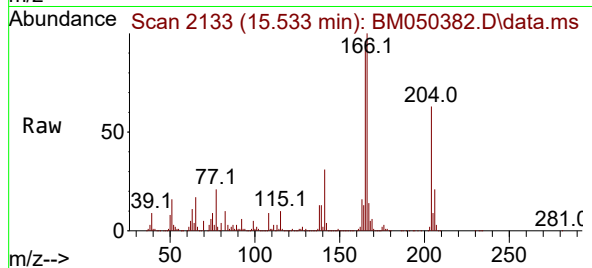




#61
4-Chlorophenyl-phenylether
Concen: 55.637 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

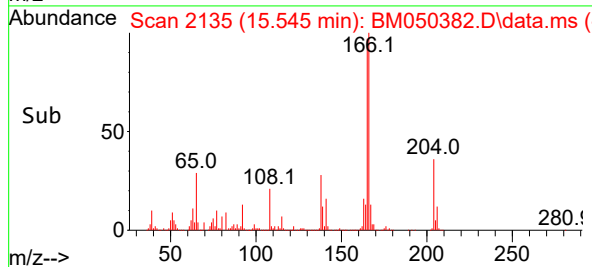
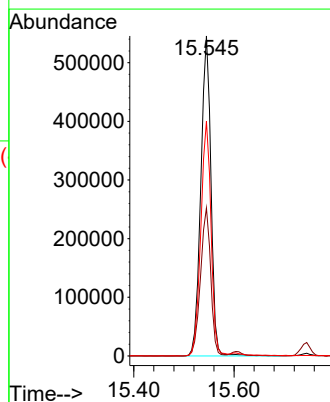
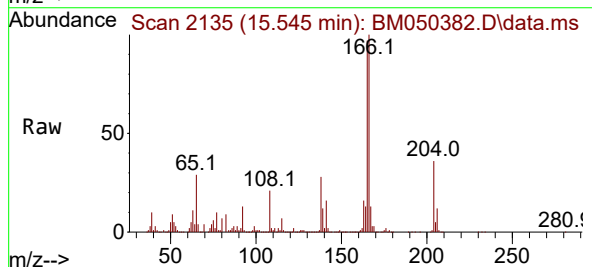
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

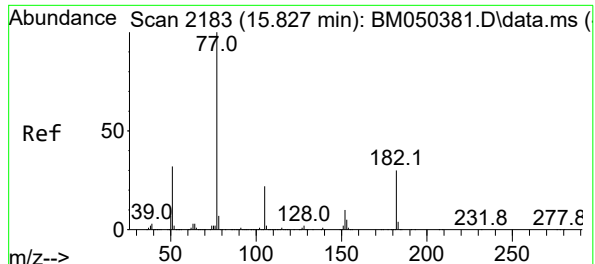
Tgt Ion:204 Resp: 1834247
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 49.7 39.9 59.9



#62
4-Nitroaniline
Concen: 53.869 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:138 Resp: 765716
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 73.4 52.5 92.5

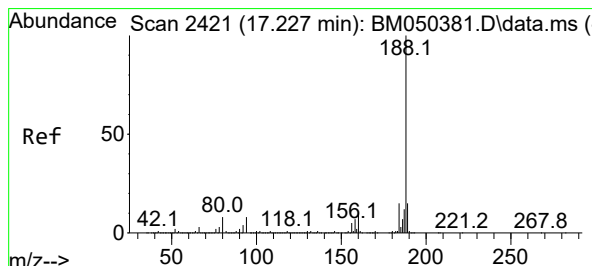
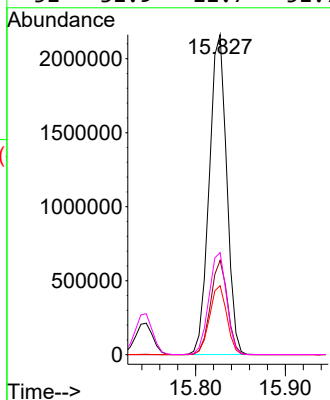
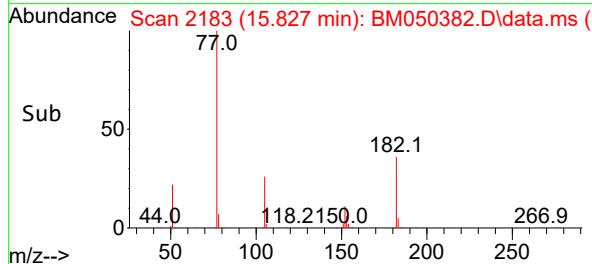
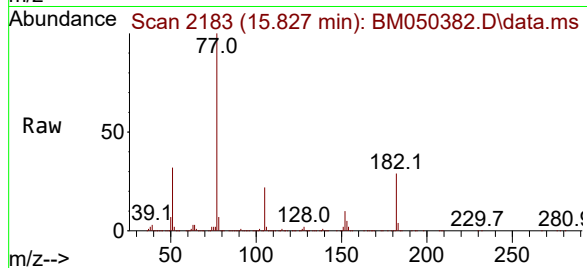




#63
Azobenzene
Concen: 55.274 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

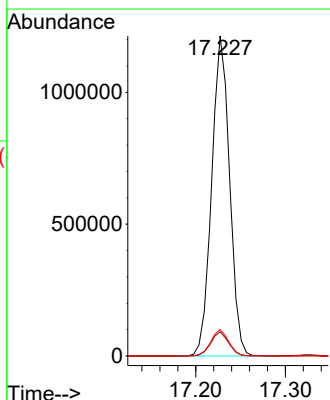
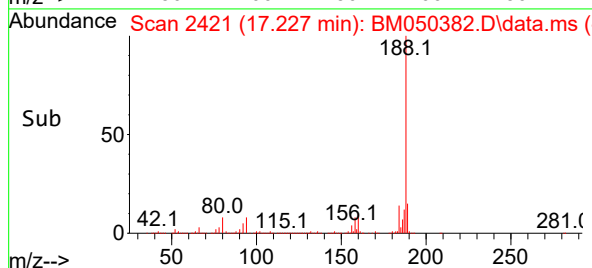
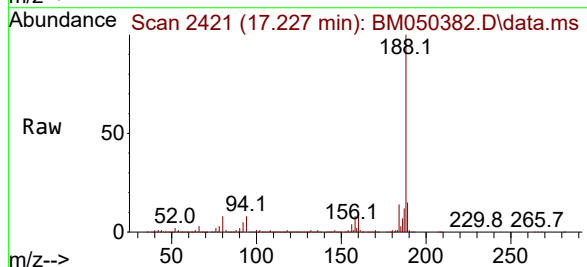
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

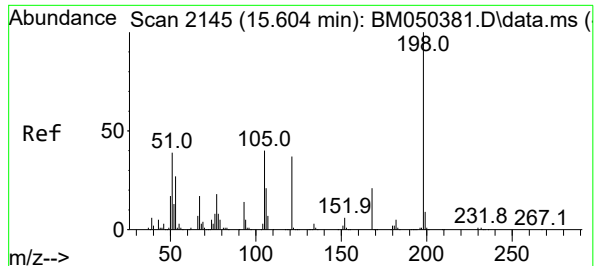
Tgt Ion: 77 Resp: 2917647
Ion Ratio Lower Upper
77 100
182 29.5 10.0 50.0
105 21.6 2.0 42.0
51 31.9 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 188 Resp: 1680679
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.3 6.5 9.7

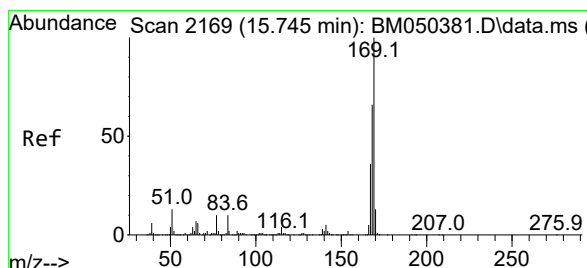
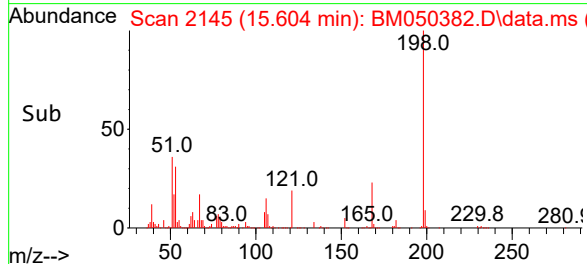
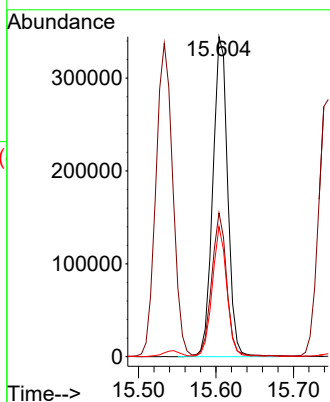
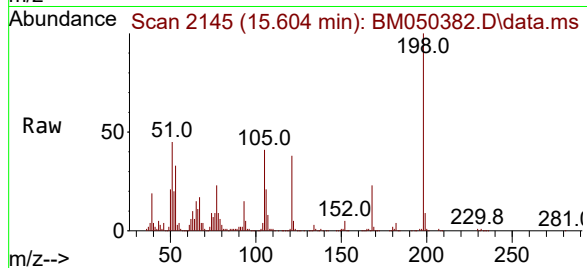




#65
4,6-Dinitro-2-methylphenol
Concen: 50.395 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

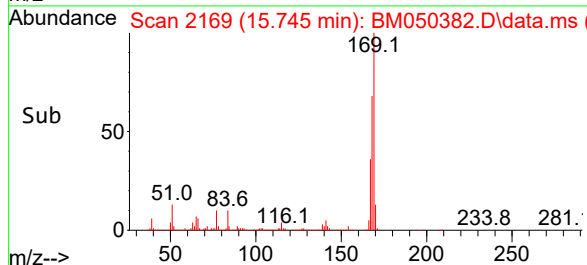
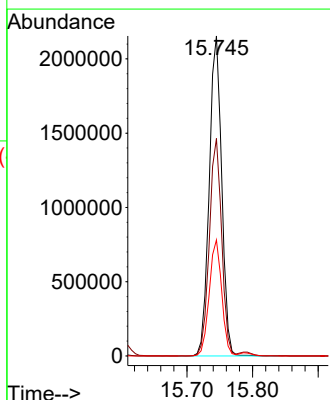
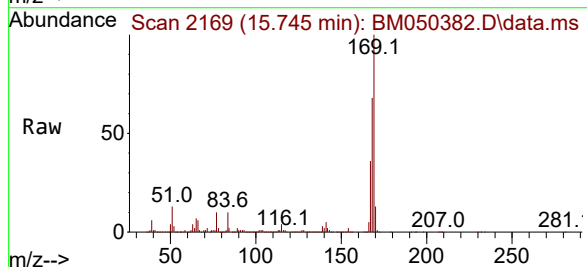
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

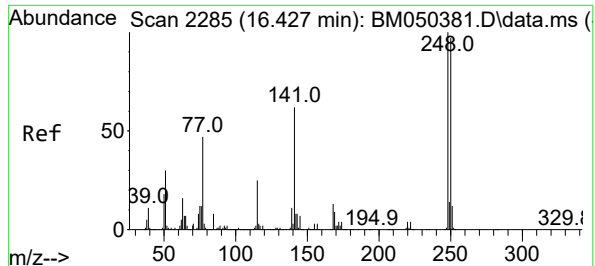
Tgt Ion:198 Resp: 458700
Ion Ratio Lower Upper
198 100
51 45.0 26.6 66.6
105 40.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 54.137 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:169 Resp: 2847134
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.3 28.7 43.1

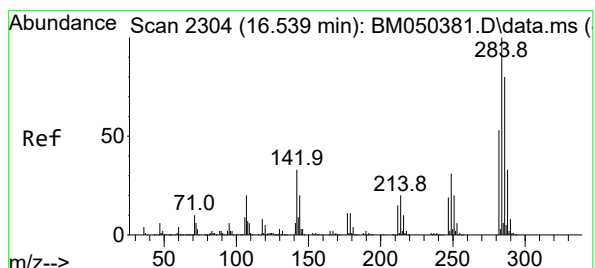
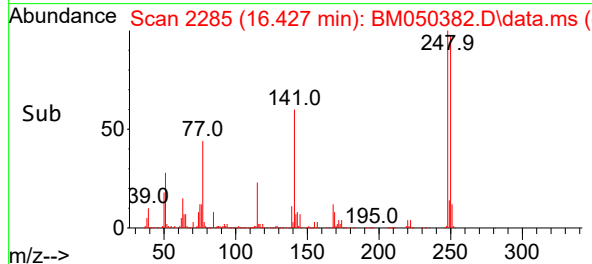
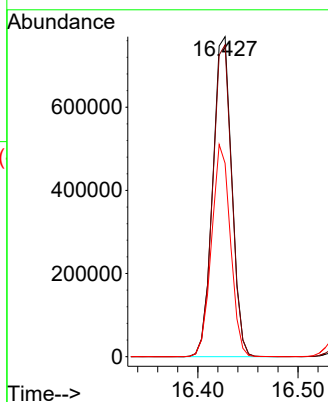
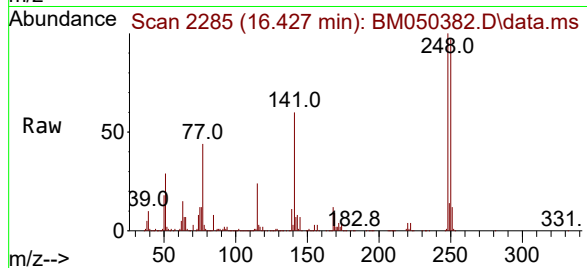




#67
4-Bromophenyl-phenylether
Concen: 54.881 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

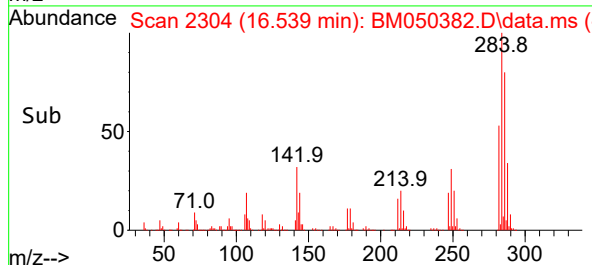
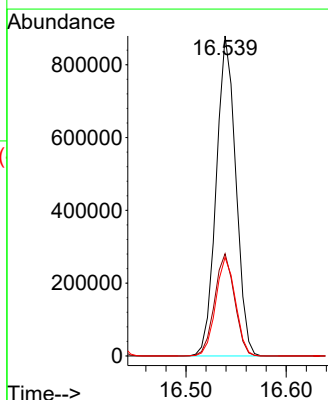
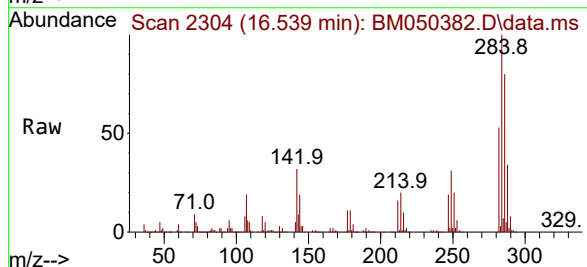
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

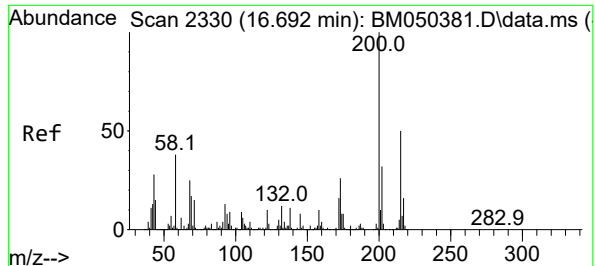
Tgt Ion:248 Resp: 1016241
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 60.5 49.7 74.5



#68
Hexachlorobenzene
Concen: 54.420 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:284 Resp: 1190183
Ion Ratio Lower Upper
284 100
142 32.0 26.8 40.2
249 30.8 24.5 36.7

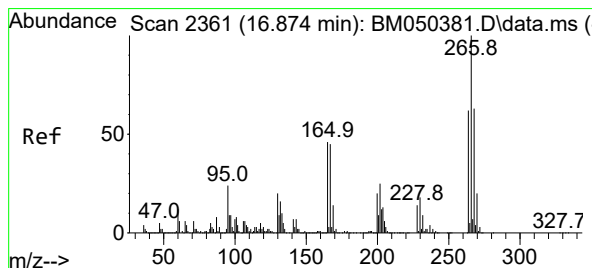
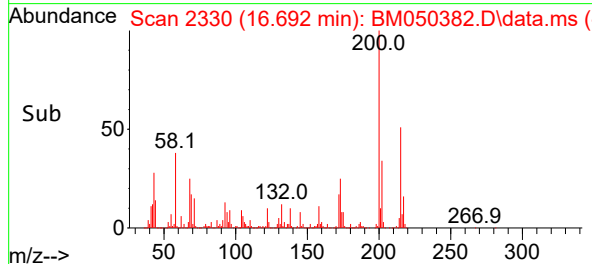
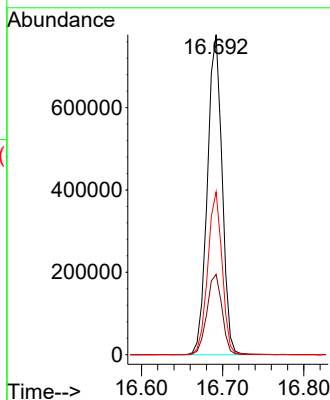
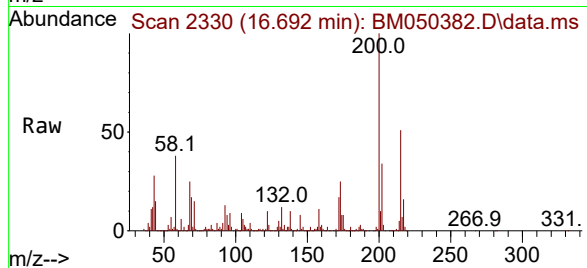




#69
Atrazine
Concen: 56.502 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

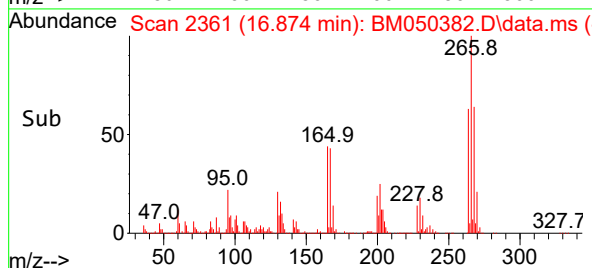
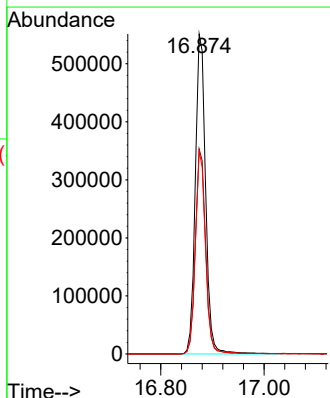
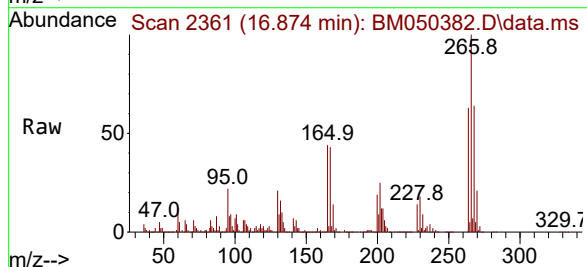
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

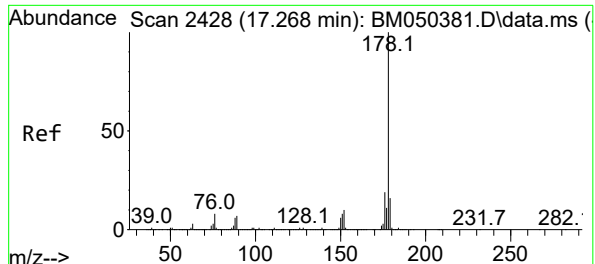
Tgt Ion:200 Resp: 975743
Ion Ratio Lower Upper
200 100
173 25.1 5.6 45.6
215 50.9 29.6 69.6



#70
Pentachlorophenol
Concen: 55.986 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:266 Resp: 762216
Ion Ratio Lower Upper
266 100
268 64.1 50.5 75.7
264 63.4 49.9 74.9

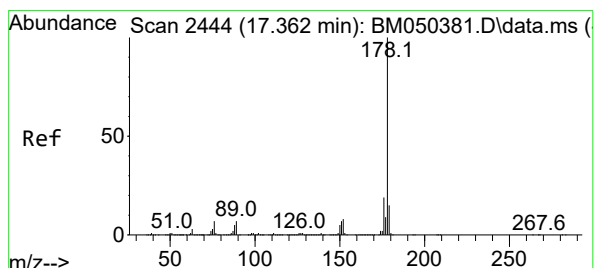
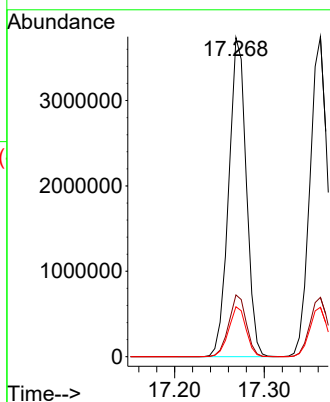
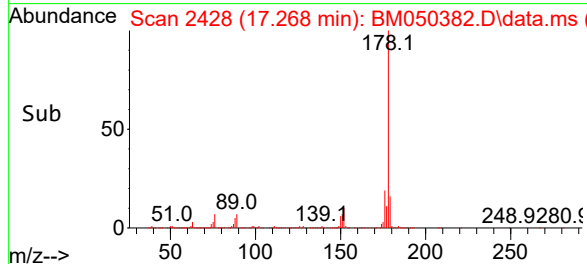
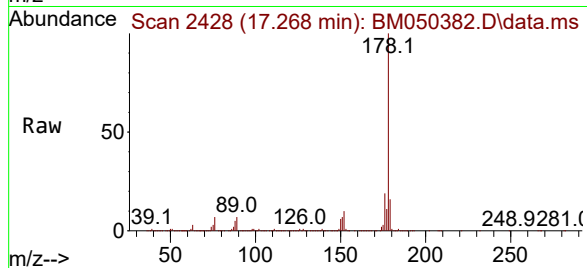




#71
Phenanthrene
Concen: 53.293 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

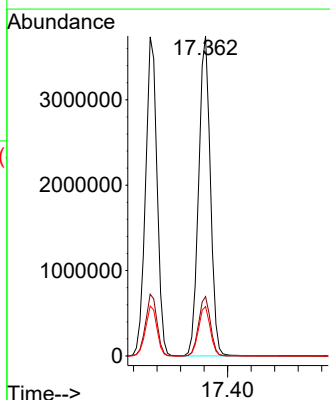
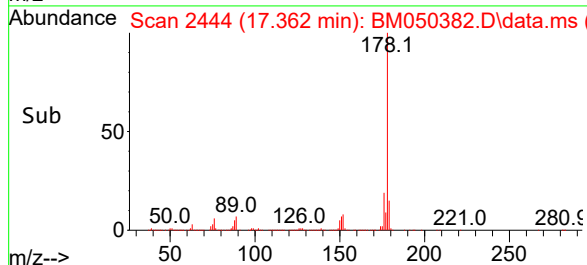
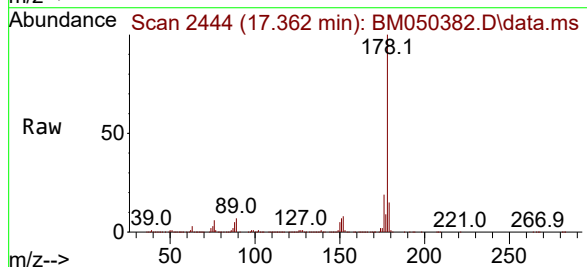
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

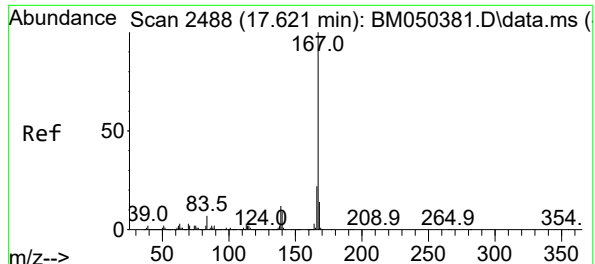
Tgt Ion:178 Resp: 5068282
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.5 18.7



#72
Anthracene
Concen: 54.717 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:178 Resp: 5179830
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4

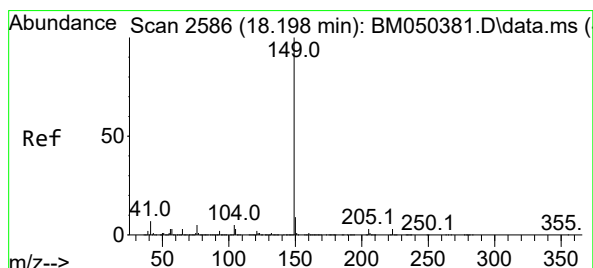
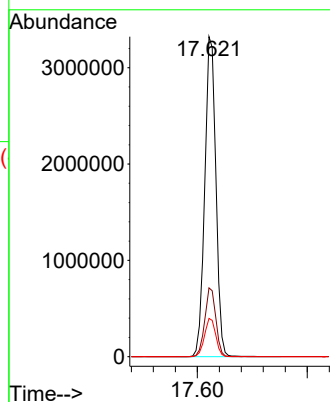
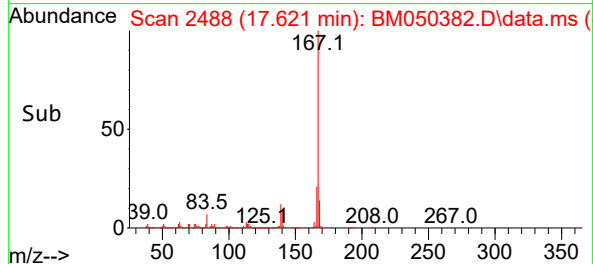
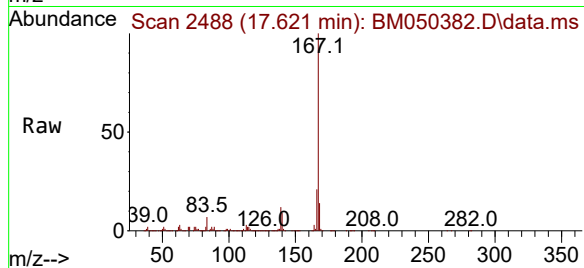




#73
Carbazole
Concen: 54.372 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

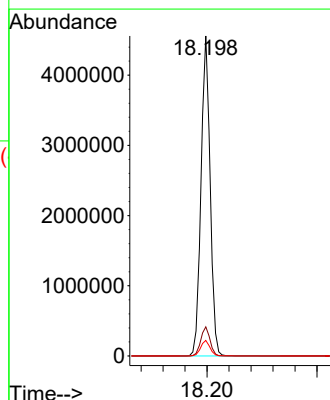
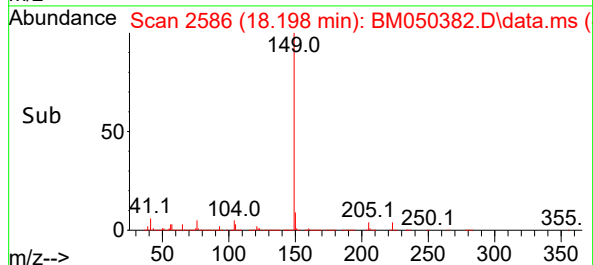
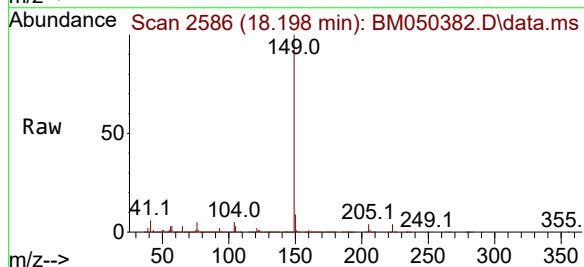
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

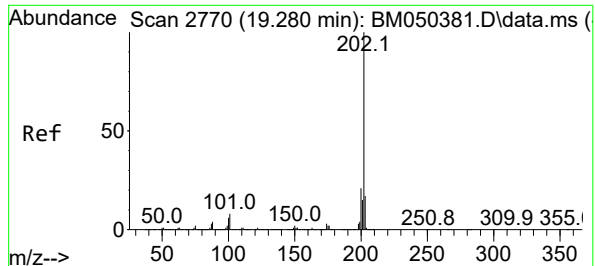
Tgt Ion:167 Resp: 4657232
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.0 9.9 14.9



#74
Di-n-butylphthalate
Concen: 56.091 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 5258750
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.8 3.9 5.9

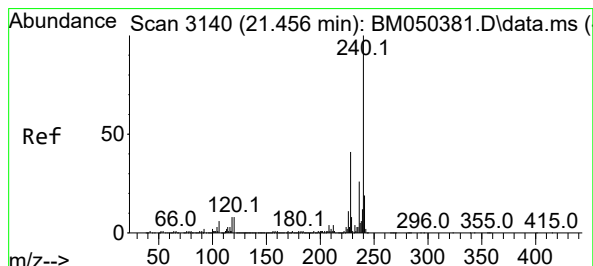
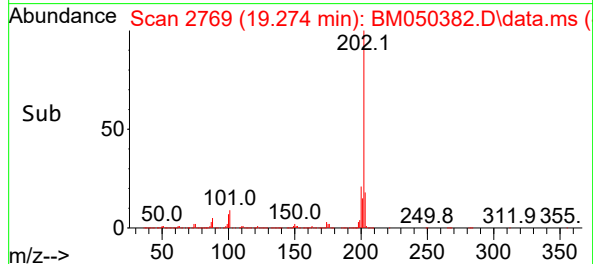
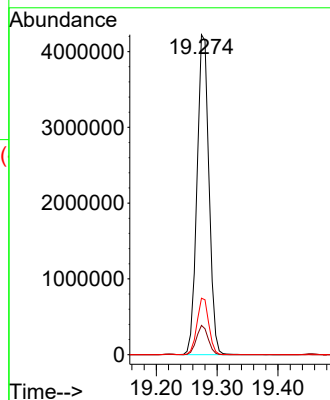
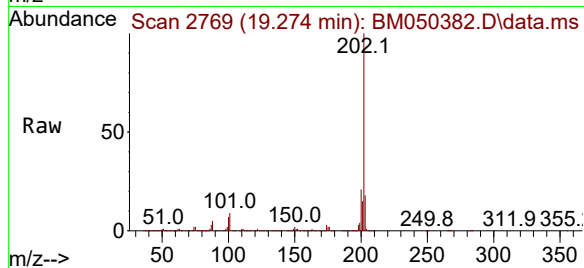




#75
Fluoranthene
Concen: 55.500 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

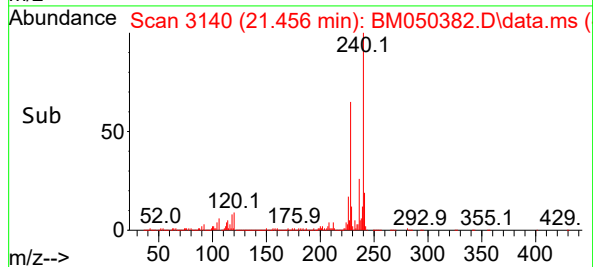
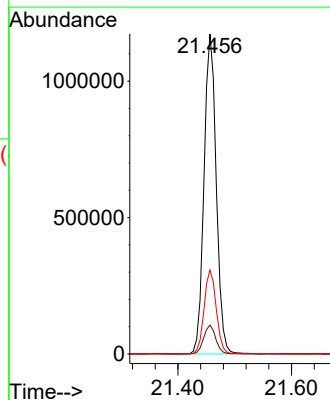
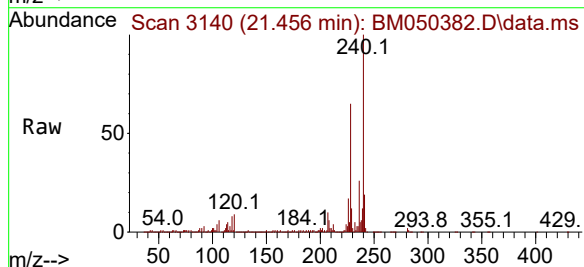
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

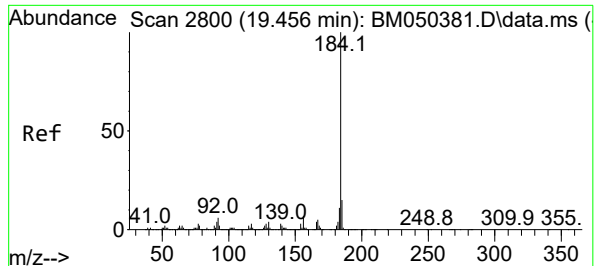
Tgt Ion:202 Resp: 5737944
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.3
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:240 Resp: 1747476
Ion Ratio Lower Upper
240 100
120 9.0 6.7 10.1
236 26.2 20.7 31.1

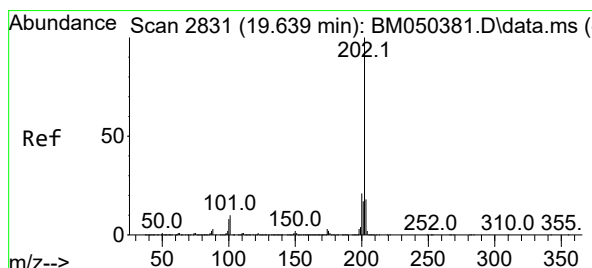
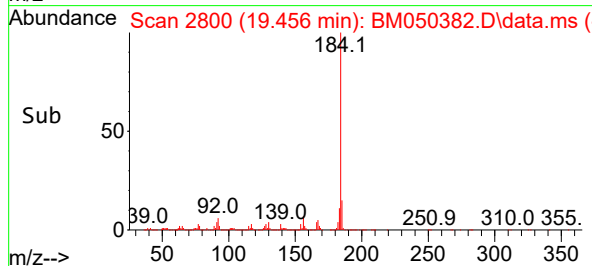
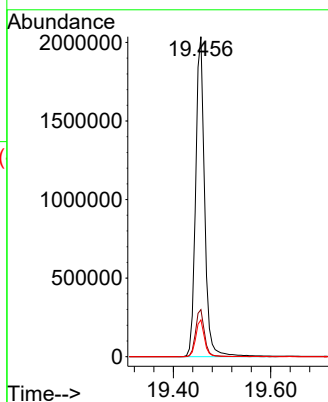
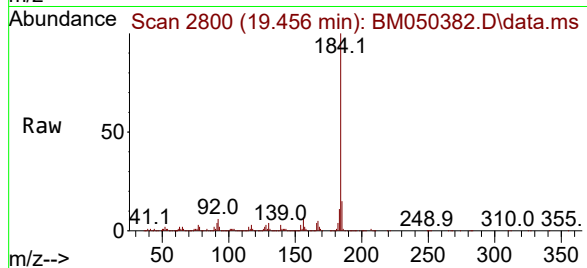




#77
Benzidine
Concen: 58.920 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

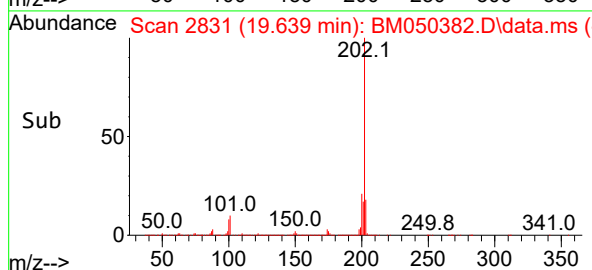
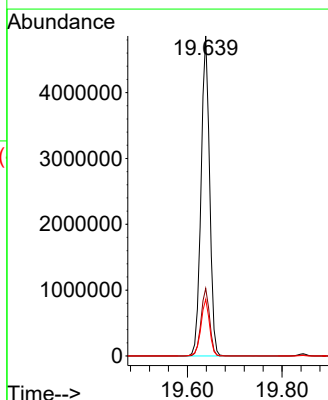
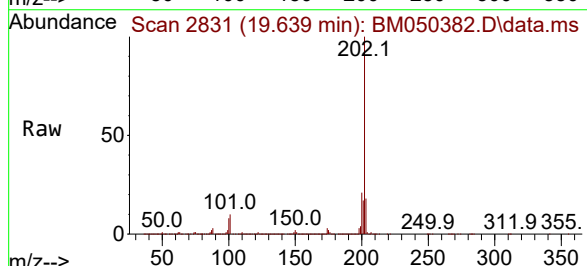
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

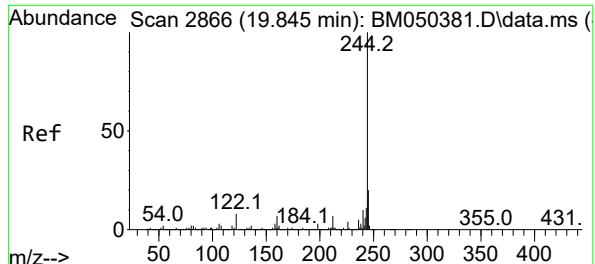
Tgt Ion:184 Resp: 2626171
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.5 9.0 13.6



#78
Pyrene
Concen: 54.187 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:202 Resp: 6064476
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.1 21.1

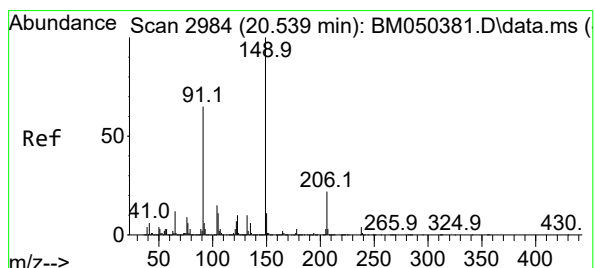
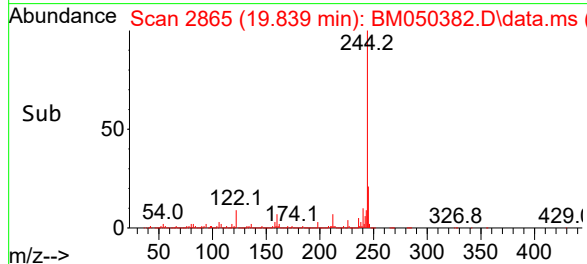
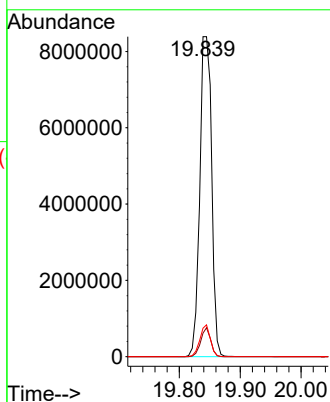
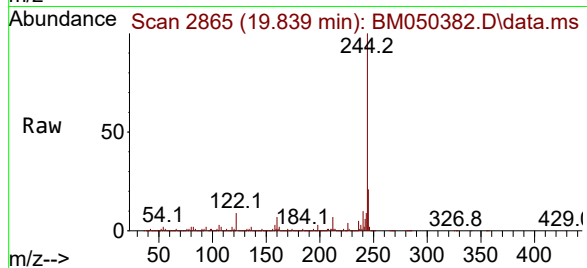




#79
Terphenyl-d14
Concen: 114.147 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

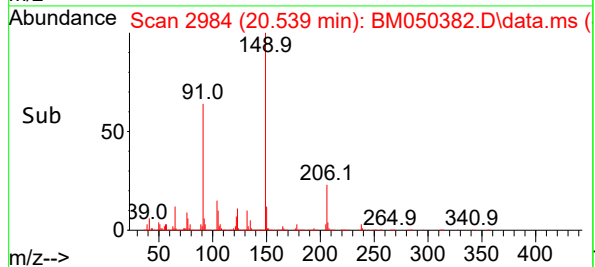
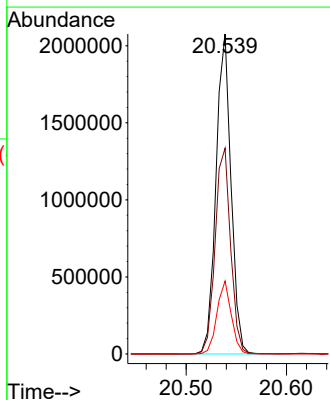
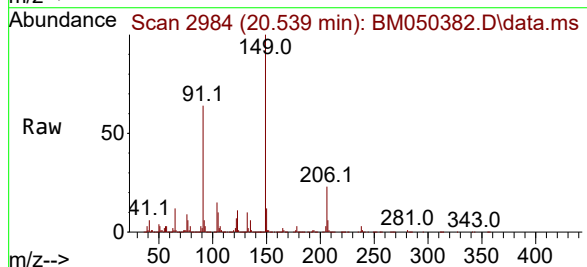
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

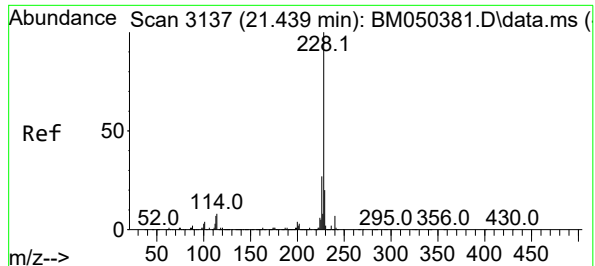
Tgt Ion:244 Resp:11336982
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.9 6.2 9.2



#80
Butylbenzylphthalate
Concen: 58.284 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 2150816
Ion Ratio Lower Upper
149 100
91 64.3 51.6 77.4
206 22.8 17.8 26.8

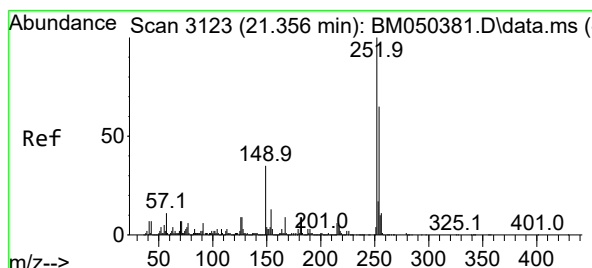
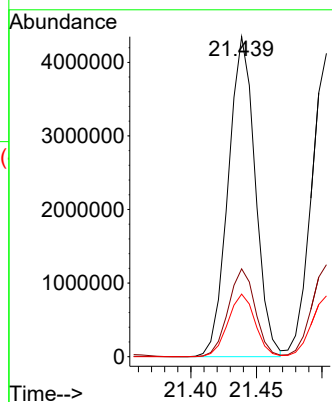
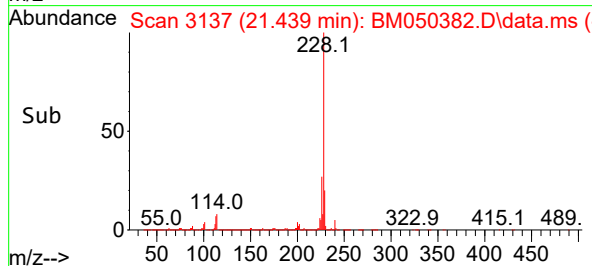
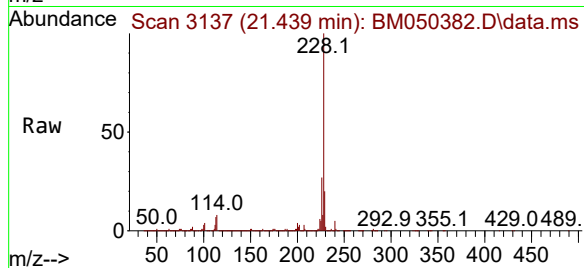




#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

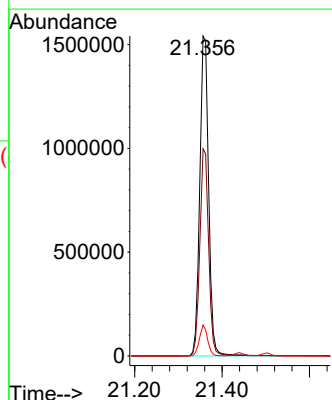
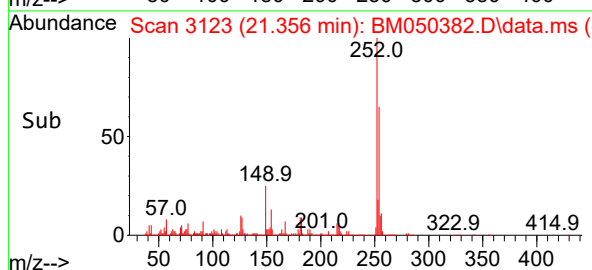
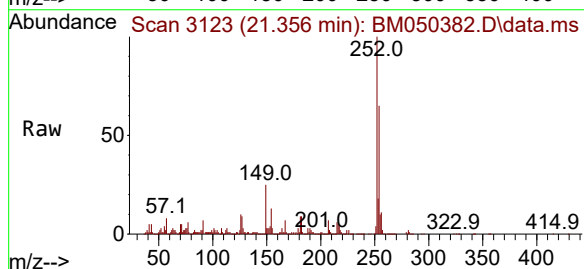
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

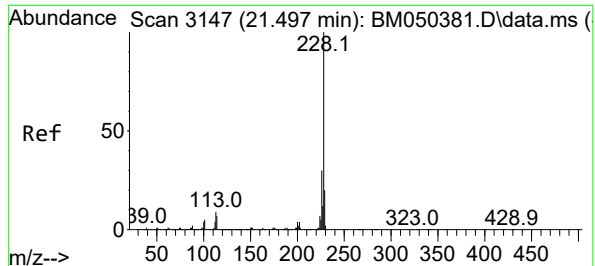
Tgt Ion:228 Resp: 6238737
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 56.690 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 2176770
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.6 7.3 10.9

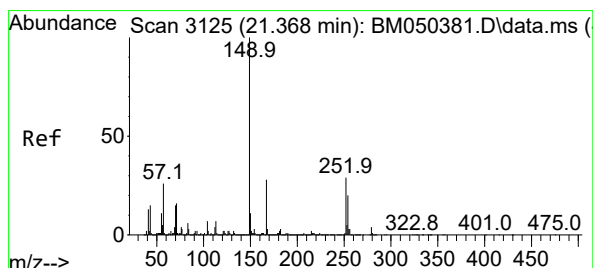
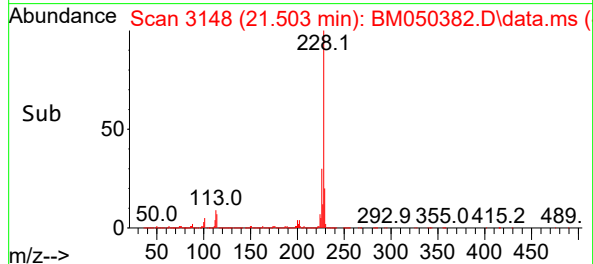
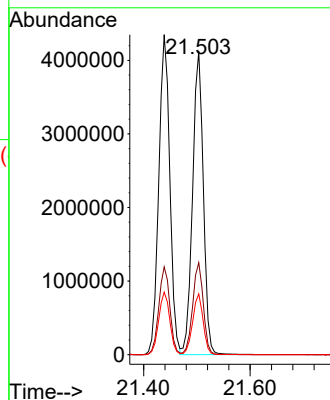
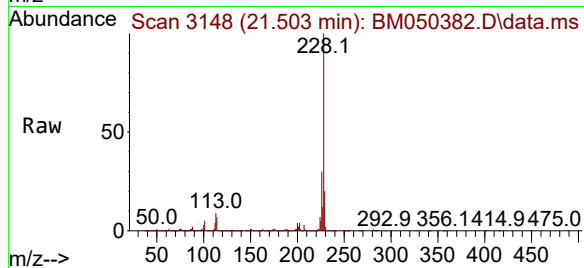




#83
Chrysene
Concen: 53.988 ng
RT: 21.503 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

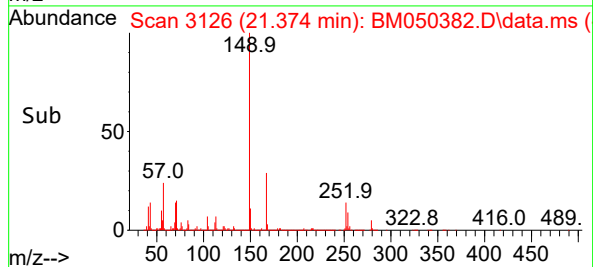
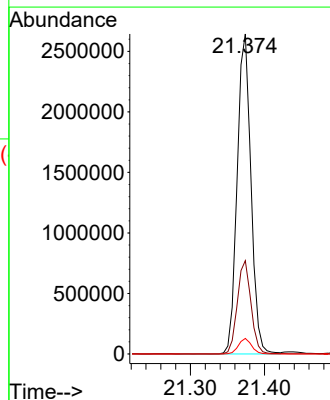
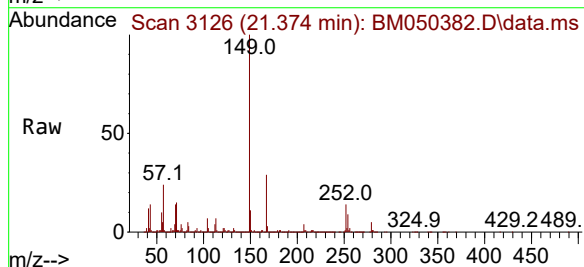
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

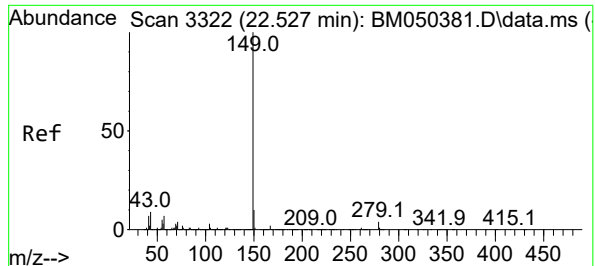
Tgt Ion:228 Resp: 5797980
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.166 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3407481
Ion Ratio Lower Upper
149 100
167 29.2 22.7 34.1
279 4.9 3.5 5.3

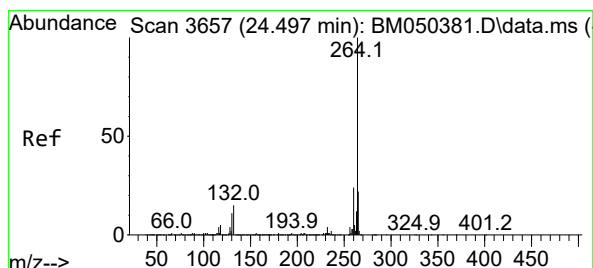
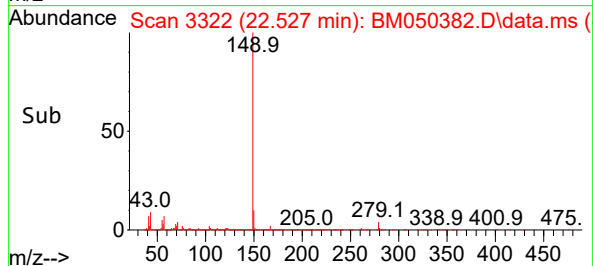
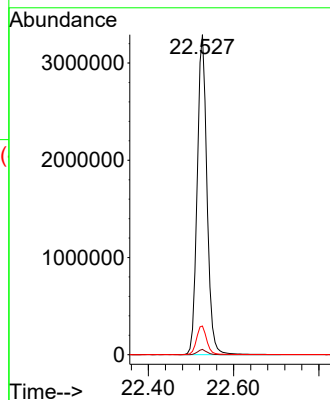
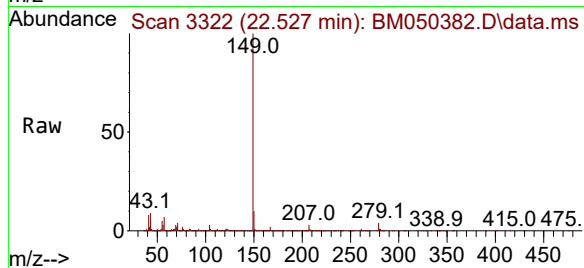




#85
Di-n-octyl phthalate
Concen: 56.816 ng
RT: 22.527 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

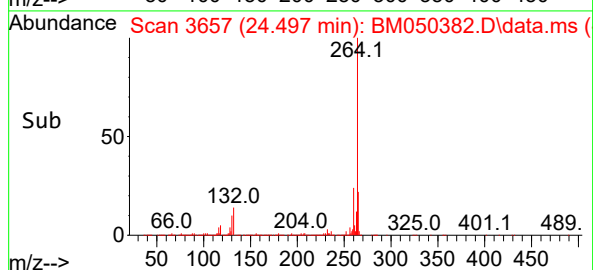
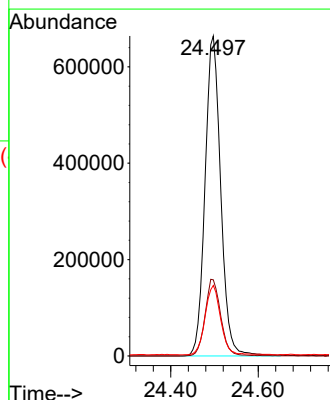
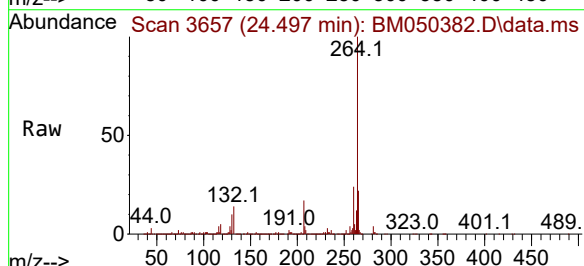
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

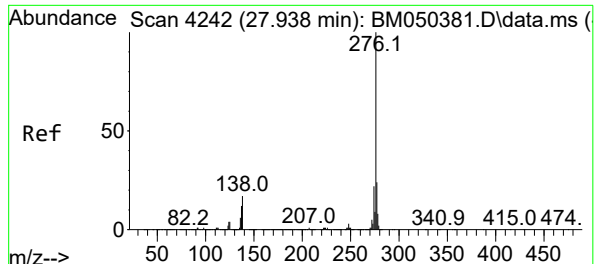
Tgt Ion:149 Resp: 5213026
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:264 Resp: 1657543
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.8 26.6

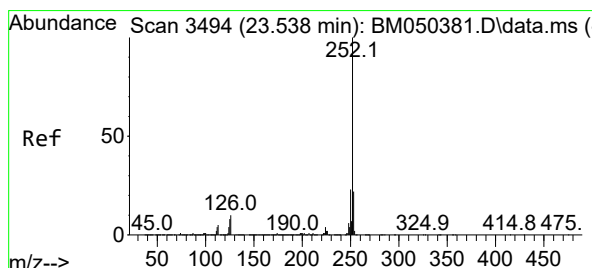
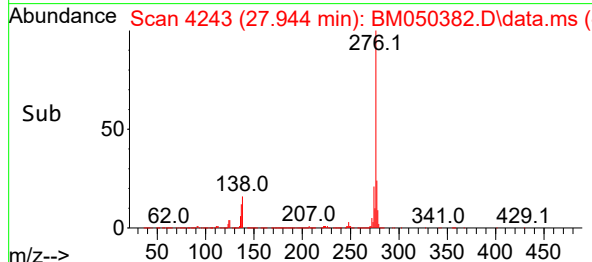
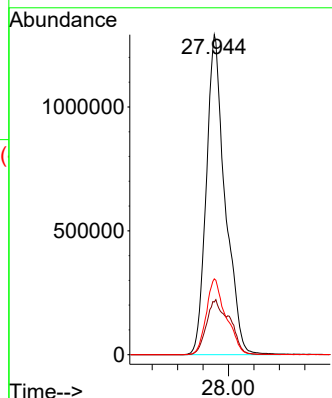
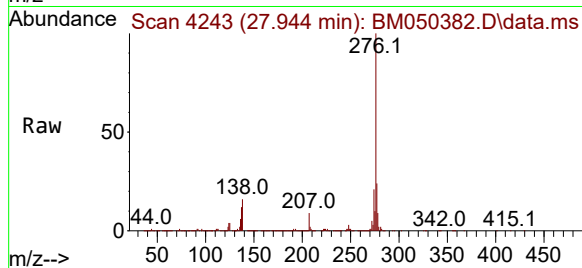




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.349 ng
RT: 27.944 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

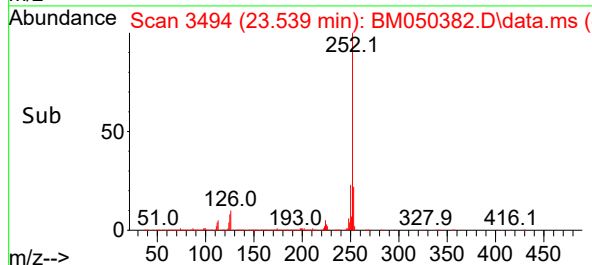
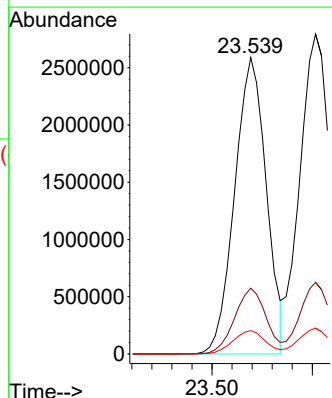
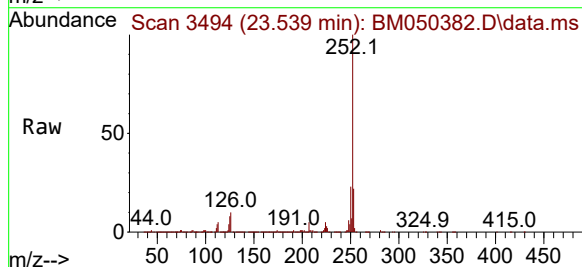
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

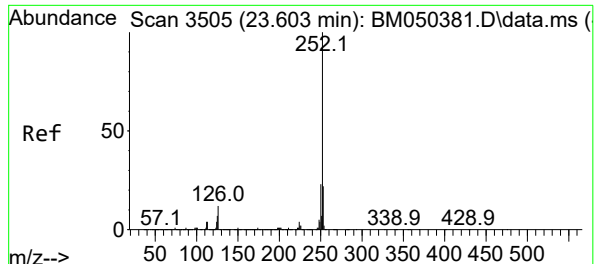
Tgt Ion:276 Resp: 6640722
Ion Ratio Lower Upper
276 100
138 21.2 17.0 25.6
277 24.9 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 55.588 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5667484
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.9 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 56.568 ng

RT: 23.603 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

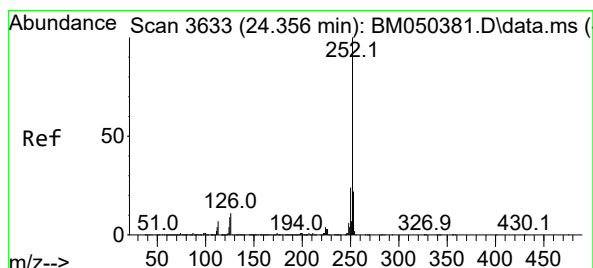
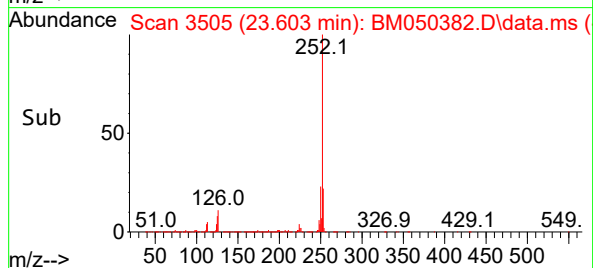
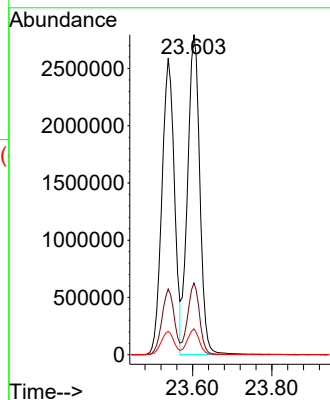
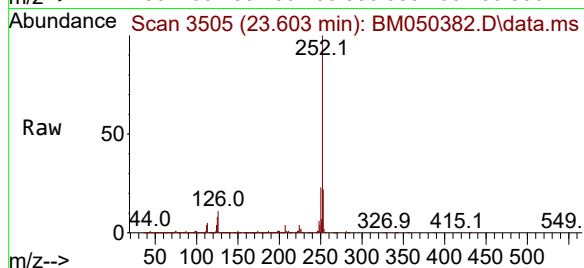
Tgt Ion:252 Resp: 5984419

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 8.1 6.2 9.2



#90

Benzo(a)pyrene

Concen: 57.054 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

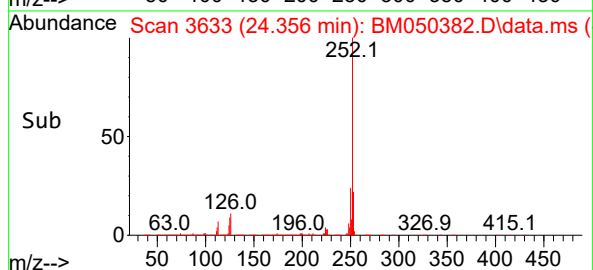
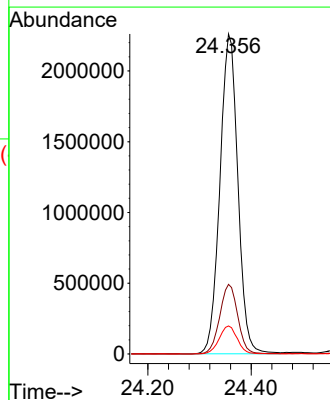
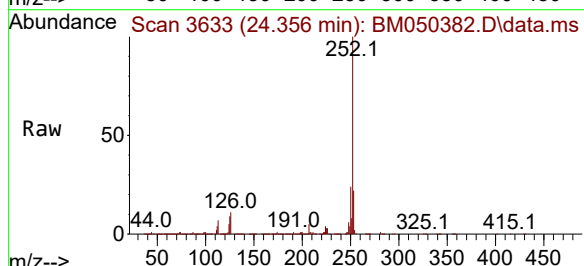
Tgt Ion:252 Resp: 5445326

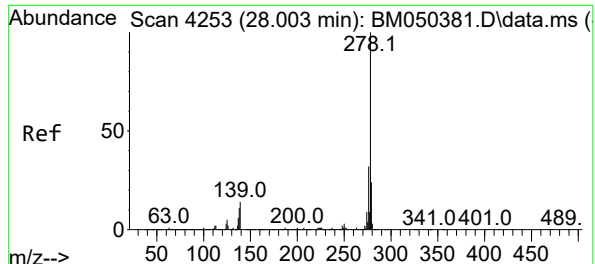
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 56.460 ng

RT: 28.009 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

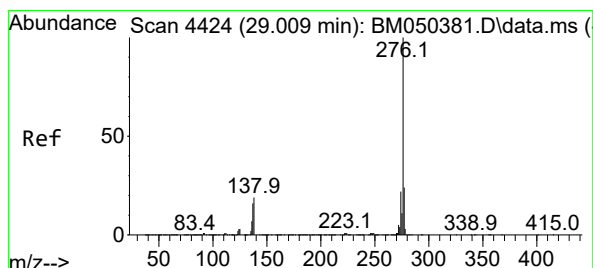
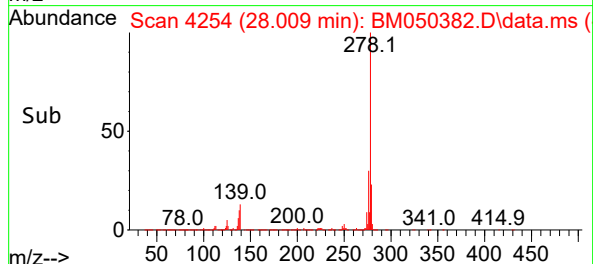
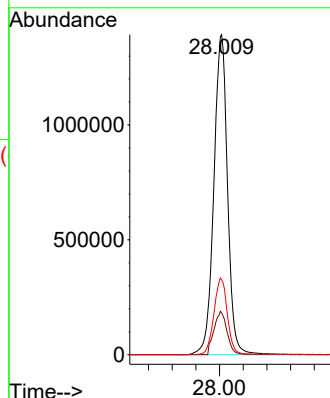
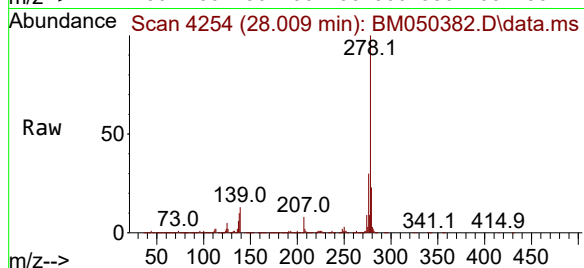
Tgt Ion:278 Resp: 5603613

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.4 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 55.817 ng

RT: 29.015 min Scan# 4425

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

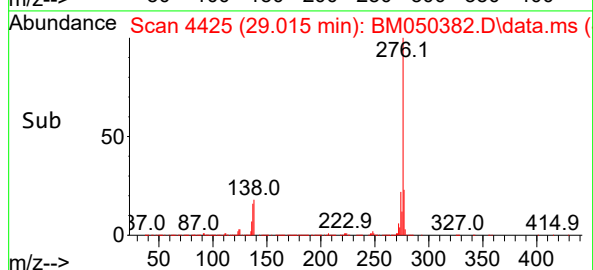
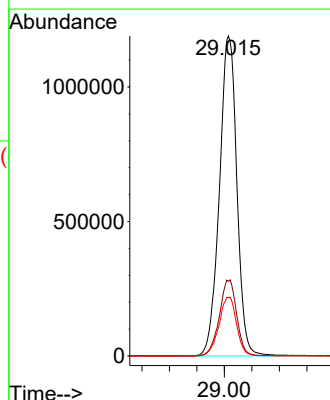
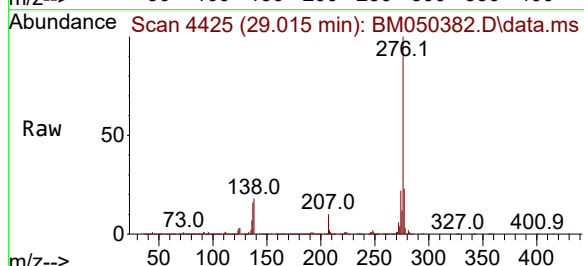
Tgt Ion:276 Resp: 5235761

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 18.2 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	406200	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1566187	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	998713	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1896999	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1968054	20.000	ng	0.00
86) Perylene-d12	24.497	264	1889317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2930103	124.166	ng	0.00
7) Phenol-d6	7.028	99	3771036	126.766	ng	0.00
23) Nitrobenzene-d5	9.022	82	3898203	126.983	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1680132	138.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	10167533	125.724	ng	0.00
79) Terphenyl-d14	19.839	244	12914894	115.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	578083	59.574	ng	99
3) Pyridine	3.734	79	1558687	61.184	ng	98
4) n-Nitrosodimethylamine	3.640	42	725301	61.070	ng	98
6) Aniline	7.193	93	2421019	63.416	ng	99
8) 2-Chlorophenol	7.428	128	1585370	63.712	ng	99
9) Benzaldehyde	7.004	77	845390	47.768	ng	99
10) Phenol	7.051	94	1946908	62.748	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1544784	62.169	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1841011	60.846	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1874083	60.660	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1809670	61.182	ng	99
15) Benzyl Alcohol	8.098	79	1328453	63.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2219161	60.631	ng	100
17) 2-Methylphenol	8.304	107	1277440	63.479	ng	98
18) Hexachloroethane	8.951	117	678042	62.403	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	1180119	65.485	ng	96
20) 3+4-Methylphenols	8.634	107	1697411	62.832	ng	98
22) Acetophenone	8.687	105	2408904	61.517	ng	98
24) Nitrobenzene	9.063	77	1702957	62.165	ng	99
25) Isophorone	9.592	82	3190767	64.054	ng	99
26) 2-Nitrophenol	9.775	139	783612	70.186	ng	97
27) 2,4-Dimethylphenol	9.834	122	1490764	62.749	ng	98
28) bis(2-Chloroethoxy)met...	10.075	93	2048832	62.070	ng	99
29) 2,4-Dichlorophenol	10.310	162	1570701	64.353	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	1810982	62.024	ng	99
31) Naphthalene	10.716	128	4834692	60.775	ng	100
32) Benzoic acid	9.975	122	912053	60.734	ng	99
33) 4-Chloroaniline	10.810	127	2130451	63.348	ng	99
34) Hexachlorobutadiene	11.010	225	1123283	63.032	ng	99
35) Caprolactam	11.598	113	438205	65.768	ng	95
36) 4-Chloro-3-methylphenol	11.939	107	1472646	64.612	ng	98
37) 2-Methylnaphthalene	12.322	142	3153595	62.784	ng	98
38) 1-Methylnaphthalene	12.539	142	3322331	62.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2046472	64.436	ng	99
41) Hexachlorocyclopentadiene	12.680	237	1359023	66.942	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1299719	66.483	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

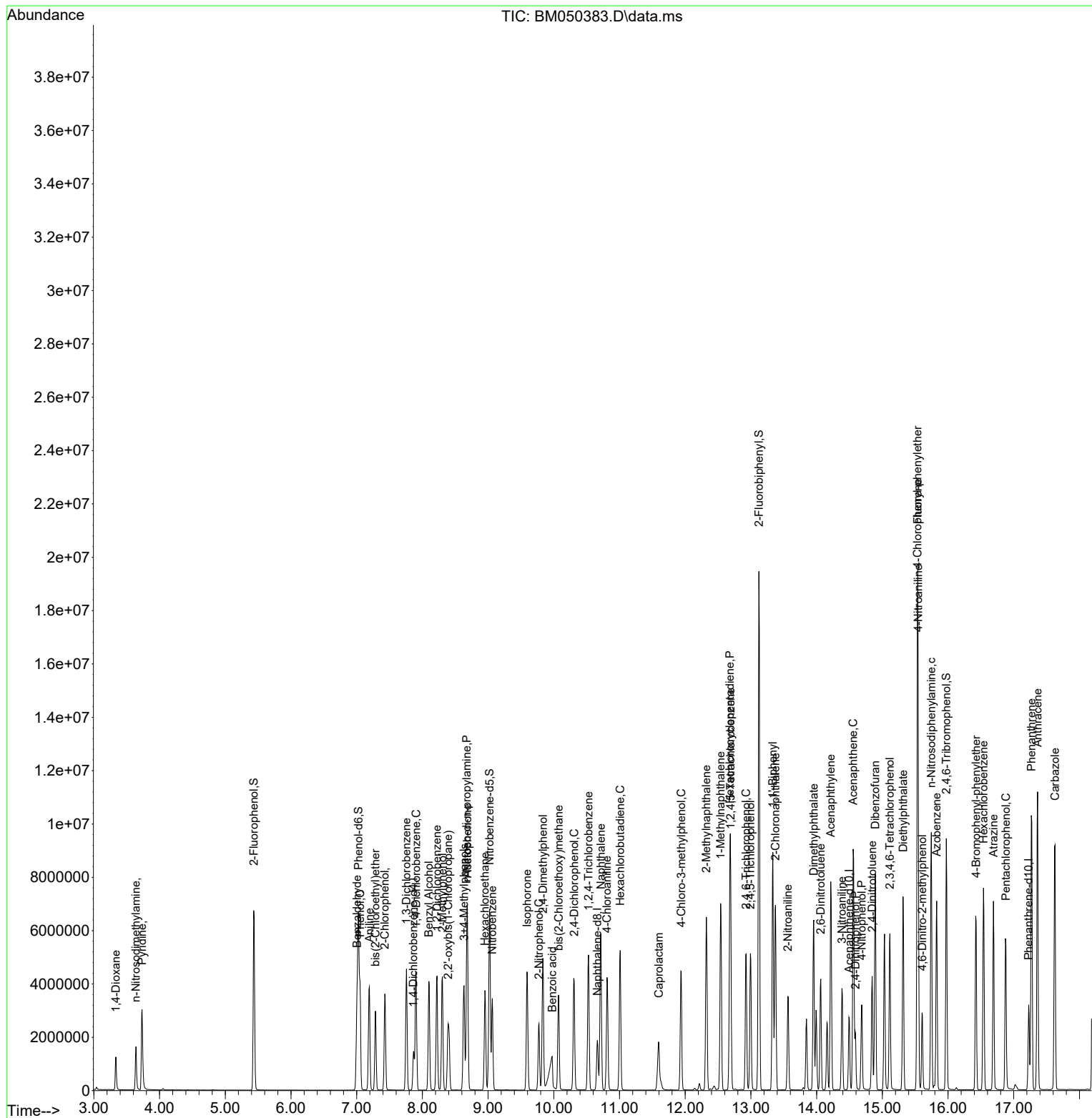
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1407280	65.913	ng	98
46) 1,1'-Biphenyl	13.333	154	4574537	61.736	ng	100
47) 2-Chloronaphthalene	13.375	162	3645124	61.699	ng	99
48) 2-Nitroaniline	13.563	65	904021	68.554	ng	98
49) Acenaphthylene	14.216	152	5618754	62.931	ng	99
50) Dimethylphthalate	13.957	163	4291046	62.407	ng	99
51) 2,6-Dinitrotoluene	14.063	165	891260	67.510	ng	99
52) Acenaphthene	14.557	154	3582059	63.105	ng	100
53) 3-Nitroaniline	14.386	138	957239	68.179	ng	98
54) 2,4-Dinitrophenol	14.592	184	439445	61.898	ng	85
55) Dibenzofuran	14.892	168	5344109	61.102	ng	100
56) 4-Nitrophenol	14.686	139	794516	65.804	ng	95
57) 2,4-Dinitrotoluene	14.845	165	1218665	60.887	ng	98
58) Fluorene	15.539	166	4560797	63.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1189838	66.202	ng	99
60) Diethylphthalate	15.316	149	4130183	62.882	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2430909	64.533	ng	98
62) 4-Nitroaniline	15.545	138	991212	60.686	ng	99
63) Azobenzene	15.827	77	3812033	63.206	ng	100
65) 4,6-Dinitro-2-methylph...	15.610	198	645034	61.235	ng	91
66) n-Nitrosodiphenylamine	15.745	169	3744872	63.087	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1368680	65.485	ng	99
68) Hexachlorobenzene	16.539	284	1586965	64.288	ng	98
69) Atrazine	16.692	200	1296405	66.510	ng	100
70) Pentachlorophenol	16.880	266	1022433	66.535	ng	99
71) Phenanthrene	17.268	178	6618592	61.658	ng	100
72) Anthracene	17.363	178	6849285	64.102	ng	100
73) Carbazole	17.627	167	6106388	63.161	ng	99
74) Di-n-butylphthalate	18.198	149	6920453	65.398	ng	100
75) Fluoranthene	19.280	202	7618952	65.290	ng	99
77) Benzidine	19.456	184	3256422	64.872	ng	100
78) Pyrene	19.639	202	8067941	64.009	ng	100
80) Butylbenzylphthalate	20.533	149	2900200	69.782	ng	97
81) Benzo(a)anthracene	21.439	228	8142088	63.495	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2878037	66.553	ng	100
83) Chrysene	21.503	228	7690956	63.587	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	4504059	68.268	ng	98
85) Di-n-octyl phthalate	22.521	149	7047940	68.206	ng	99
87) Indeno(1,2,3-cd)pyrene	27.950	276	8866549	66.007	ng	99
88) Benzo(b)fluoranthene	23.539	252	7617485	65.548	ng	99
89) Benzo(k)fluoranthene	23.603	252	7861158	65.192	ng	100
90) Benzo(a)pyrene	24.356	252	7260855	66.744	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	7483970	66.155	ng	99
92) Benzo(g,h,i)perylene	29.021	276	6983867	65.319	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

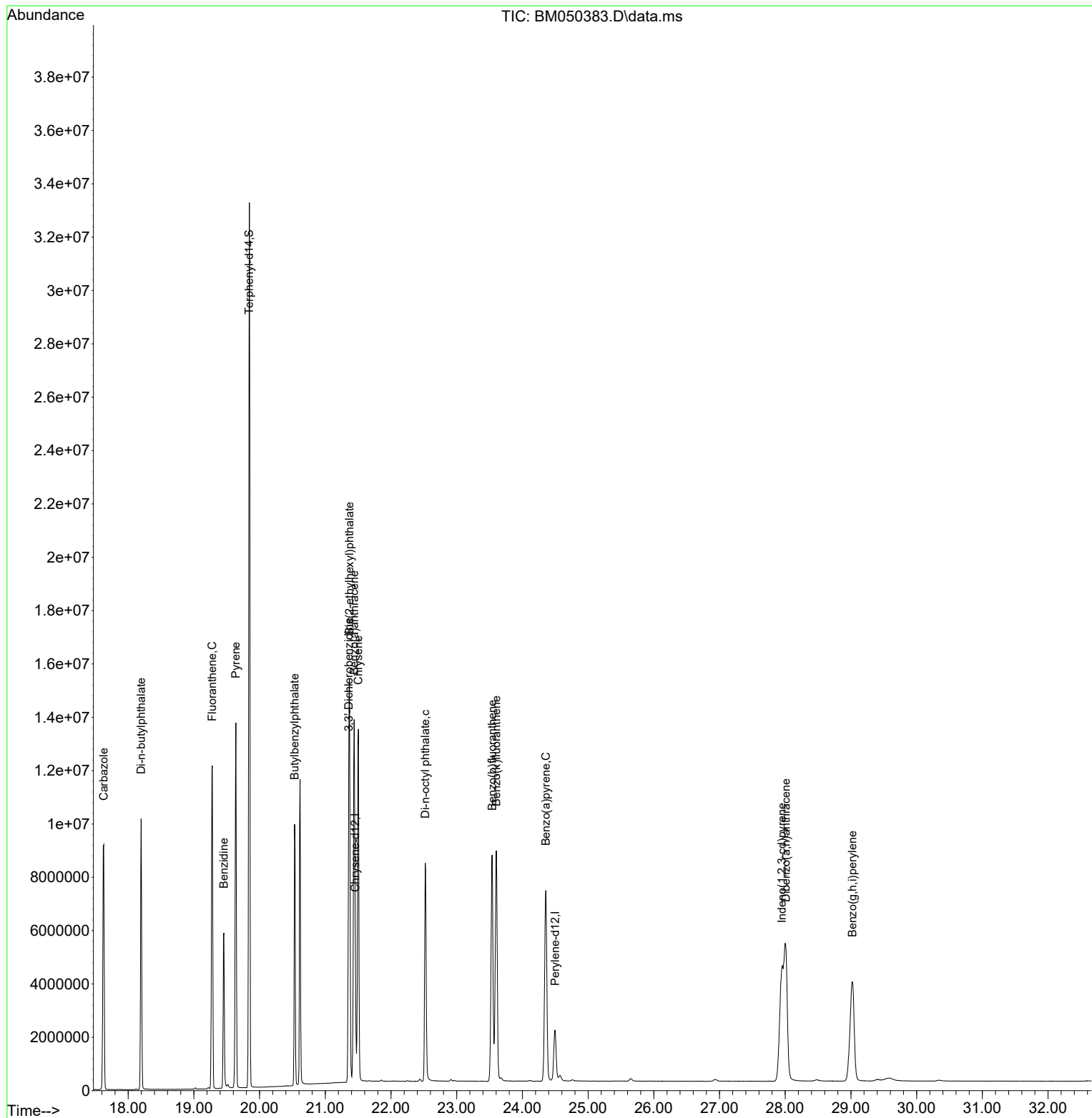
Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

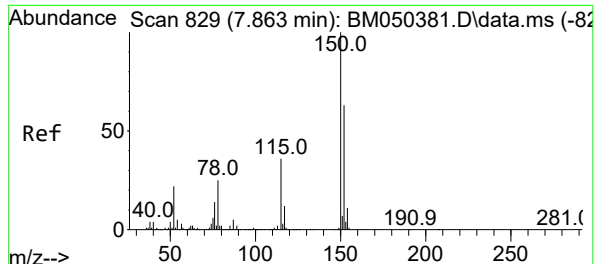


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

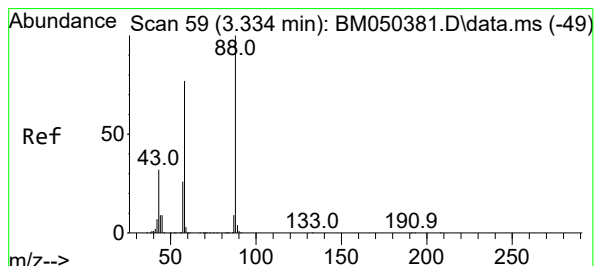
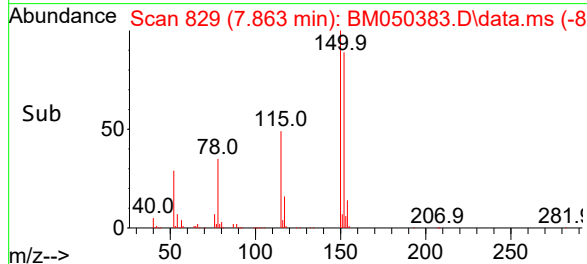
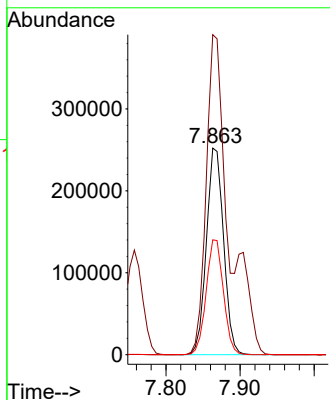
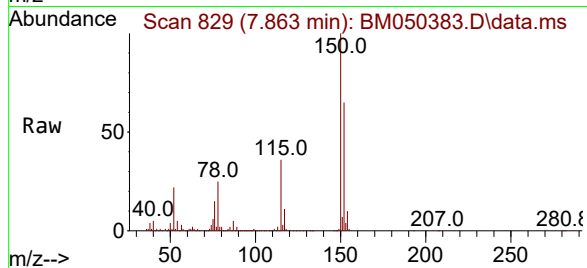




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

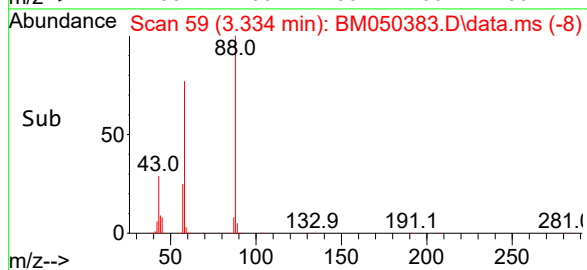
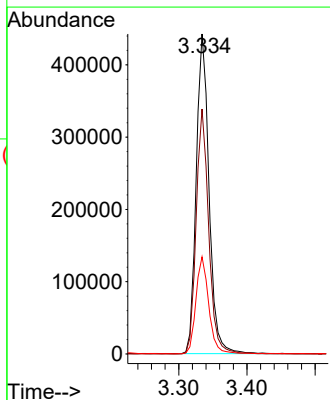
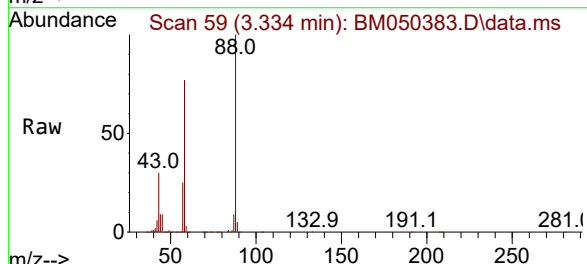
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

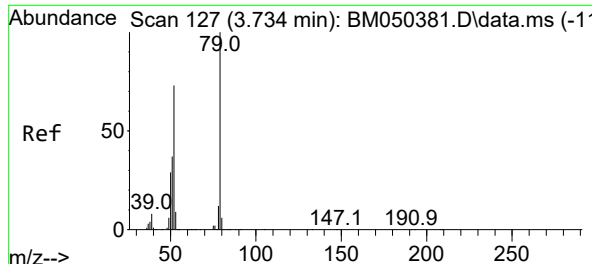
Tgt Ion:152 Resp: 406200
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 55.6 45.8 68.8



#2
1,4-Dioxane
Concen: 59.574 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 88 Resp: 578083
Ion Ratio Lower Upper
88 100
58 75.0 61.0 91.6
43 30.3 24.6 37.0

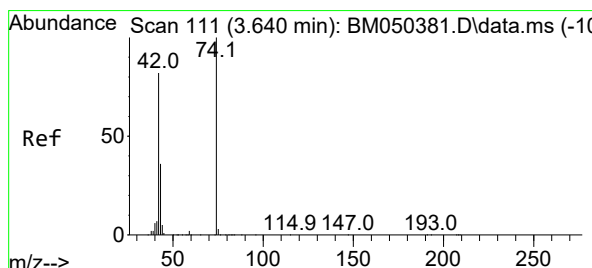
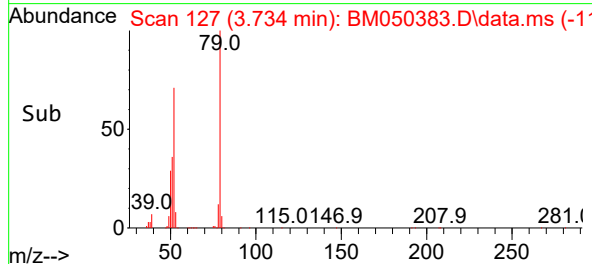
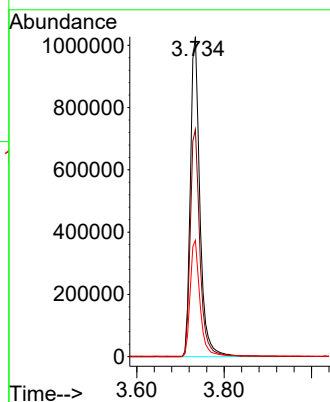
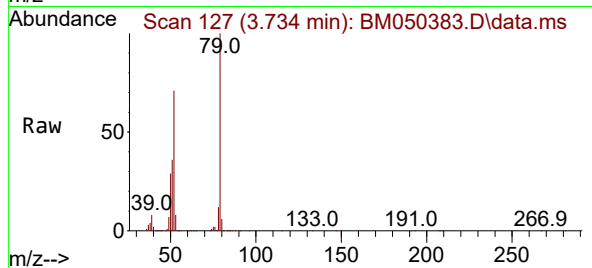




#3
Pyridine
Concen: 61.184 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

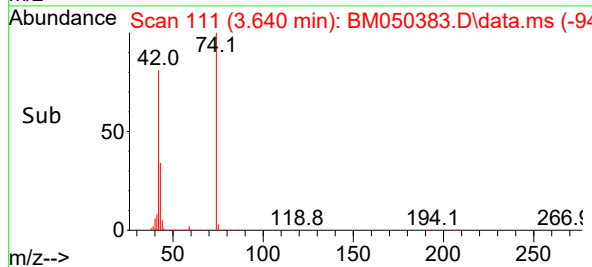
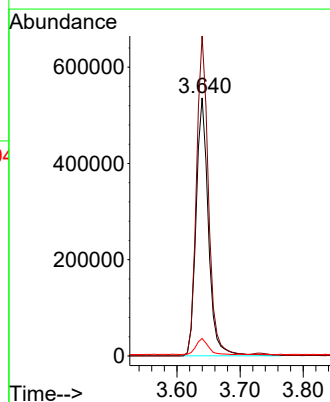
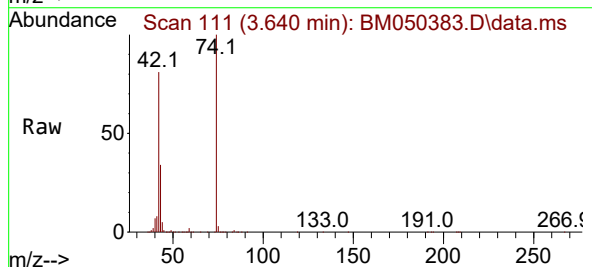
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

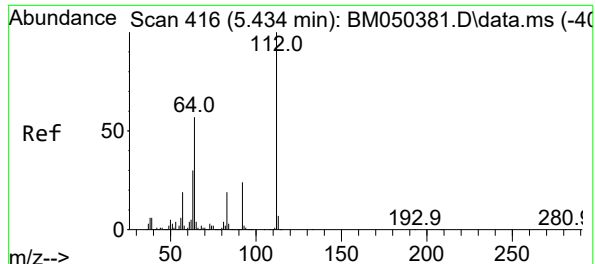
Tgt Ion: 79 Resp: 1558687
Ion Ratio Lower Upper
79 100
52 71.0 58.3 87.5
51 36.4 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 61.070 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 42 Resp: 725301
Ion Ratio Lower Upper
42 100
74 124.0 97.5 146.3
44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 124.166 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050383.D

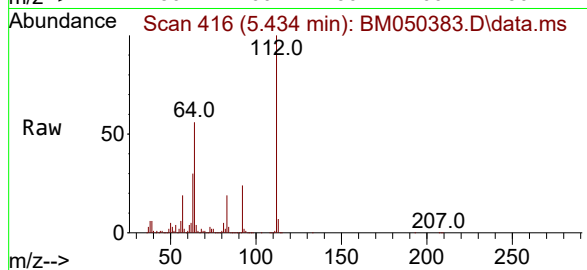
Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



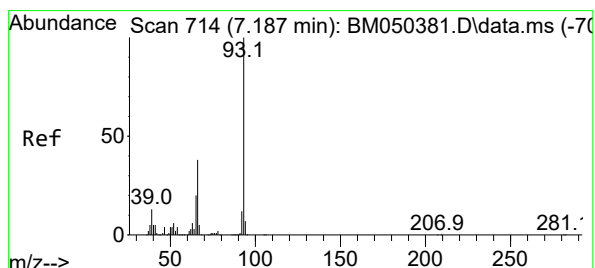
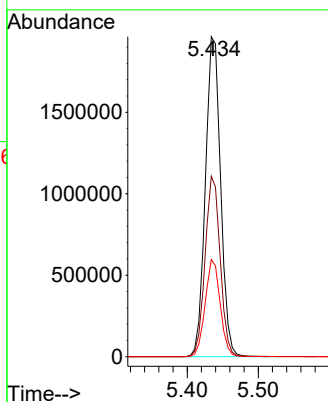
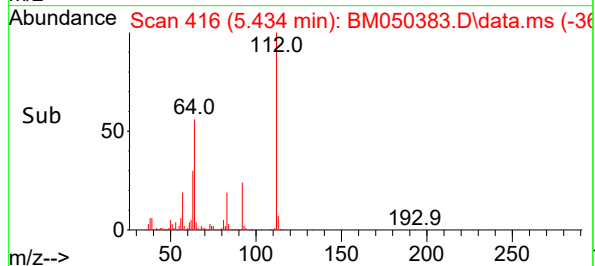
Tgt Ion:112 Resp: 2930103

Ion Ratio Lower Upper

112 100

64 56.4 45.5 68.3

63 30.3 24.2 36.4



#6

Aniline

Concen: 63.416 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

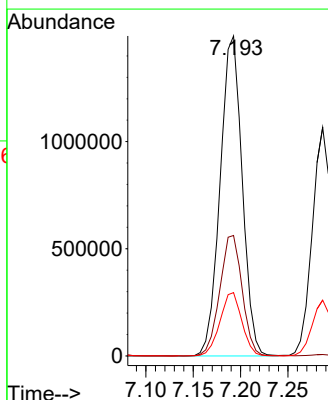
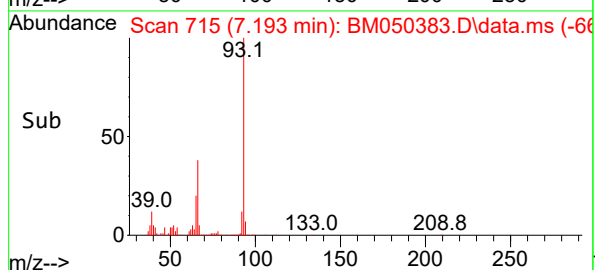
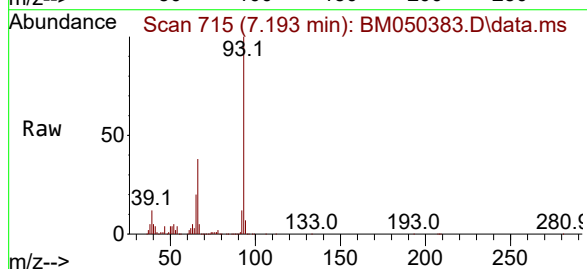
Tgt Ion: 93 Resp: 2421019

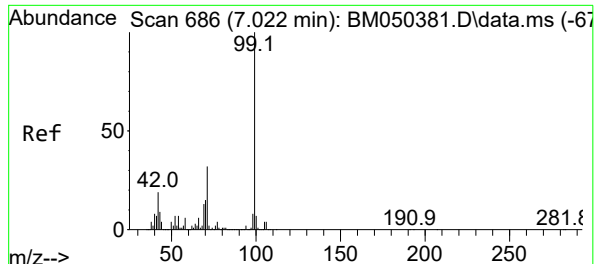
Ion Ratio Lower Upper

93 100

66 37.7 30.5 45.7

65 19.8 15.9 23.9

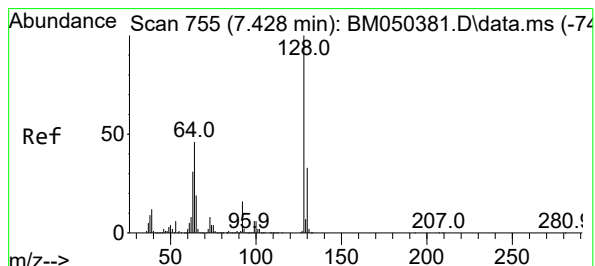
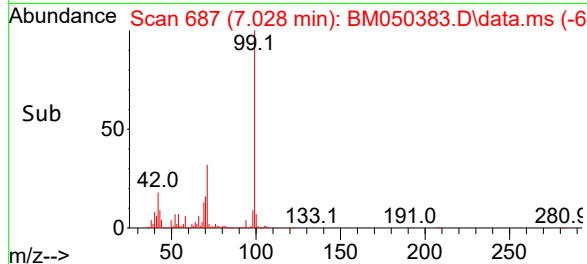
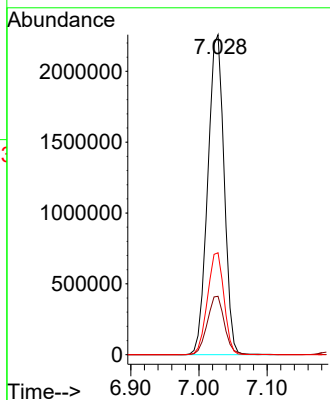
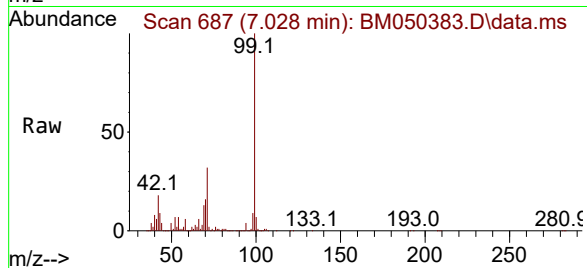




#7
Phenol-d6
Concen: 126.766 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

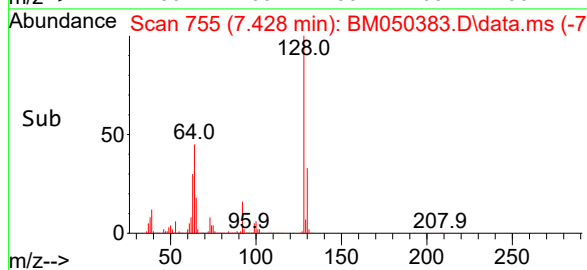
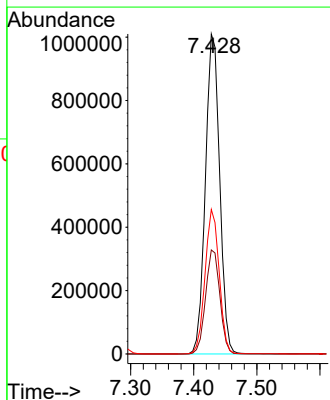
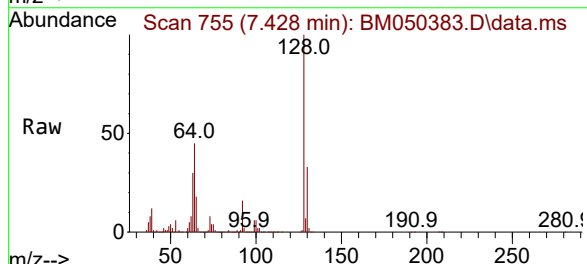
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

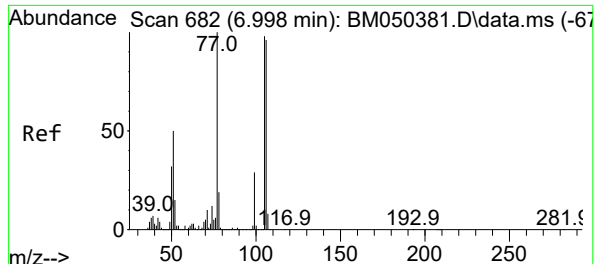
Tgt Ion: 99 Resp: 3771036
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 31.8 25.9 38.9



#8
2-Chlorophenol
Concen: 63.712 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:128 Resp: 1585370
Ion Ratio Lower Upper
128 100
130 32.5 13.3 53.3
64 45.1 25.6 65.6





#9

Benzaldehyde

Concen: 47.768 ng

RT: 7.004 min Scan# 682

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

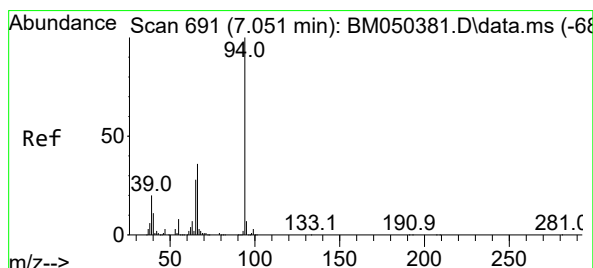
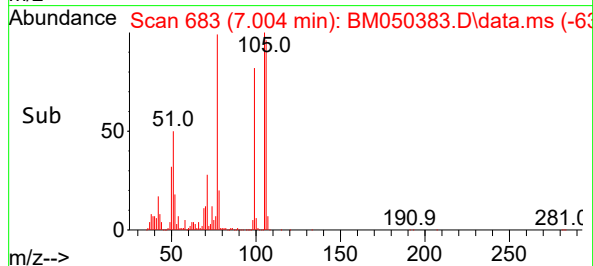
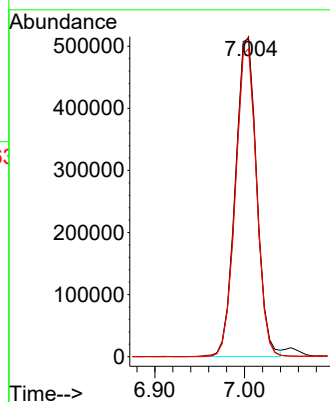
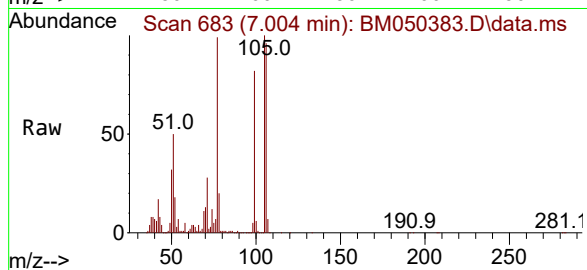
Tgt Ion: 77 Resp: 845390

Ion Ratio Lower Upper

77 100

105 100.6 78.4 118.4

106 96.9 76.3 116.3



#10

Phenol

Concen: 62.748 ng

RT: 7.051 min Scan# 691

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

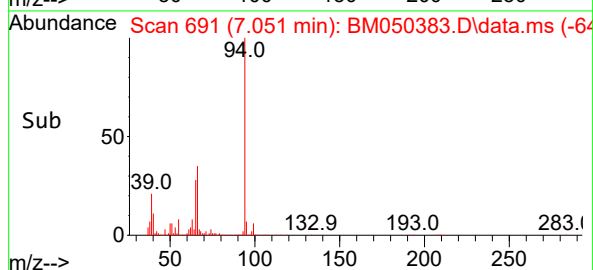
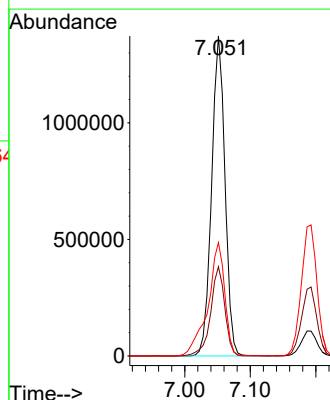
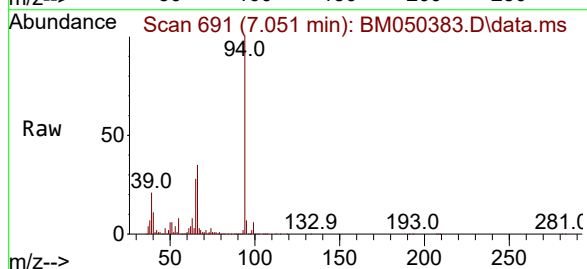
Tgt Ion: 94 Resp: 1946908

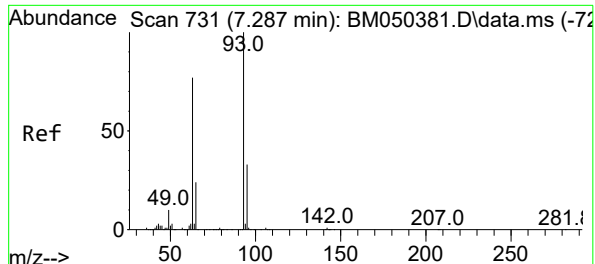
Ion Ratio Lower Upper

94 100

65 27.9 8.1 48.1

66 35.4 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 62.169 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

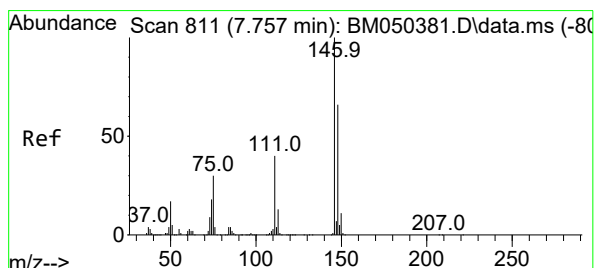
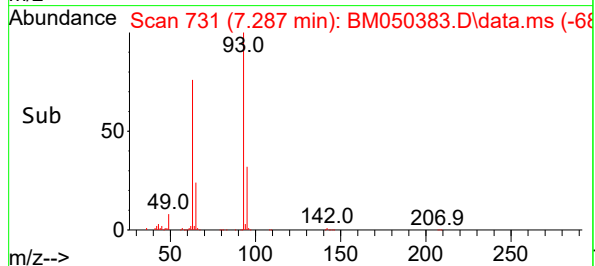
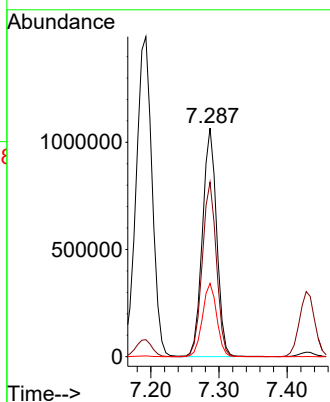
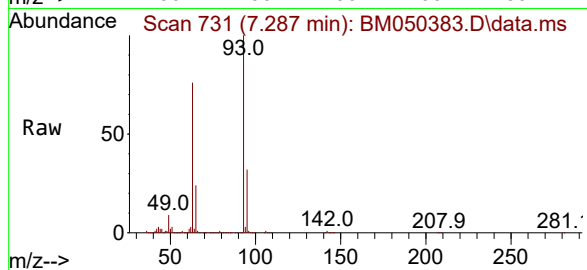
Tgt Ion: 93 Resp: 1544784

Ion Ratio Lower Upper

93 100

63 76.4 56.9 96.9

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 60.846 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

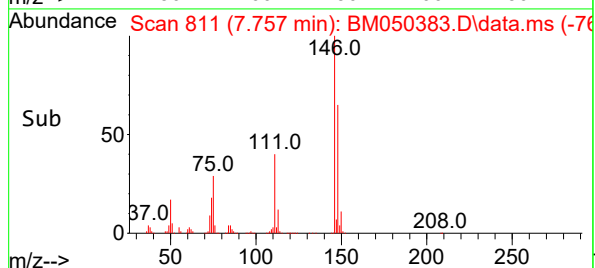
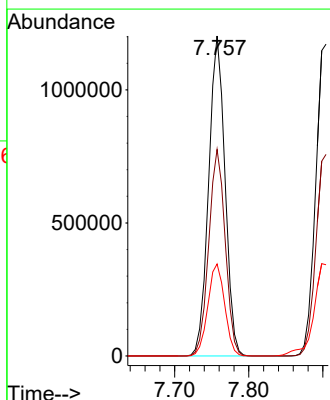
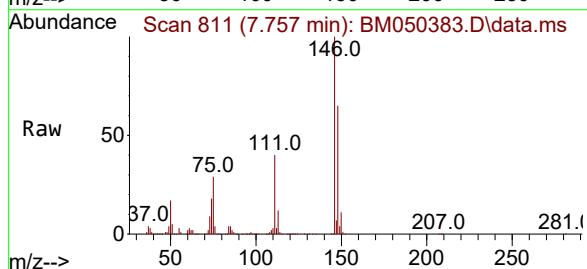
Tgt Ion:146 Resp: 1841011

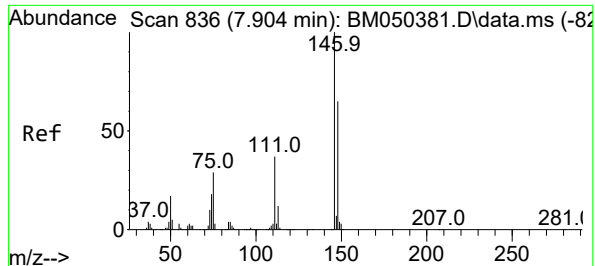
Ion Ratio Lower Upper

146 100

148 64.6 53.2 79.8

75 28.7 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 60.660 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

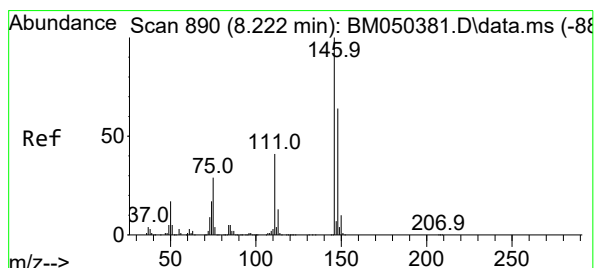
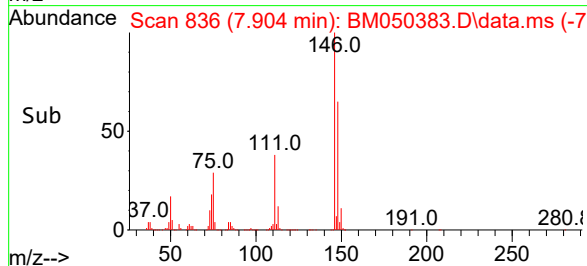
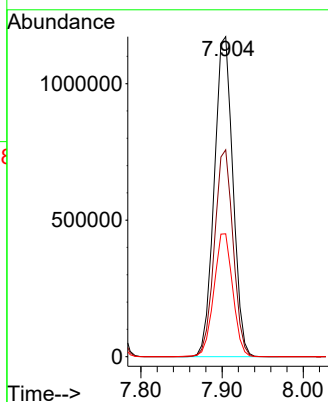
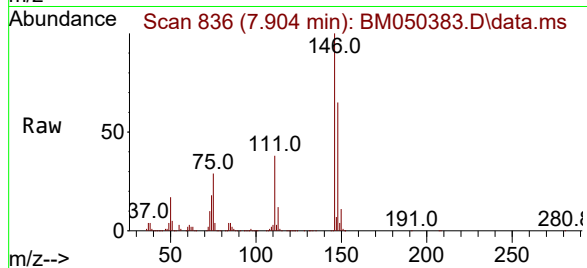
Tgt Ion:146 Resp: 1874083

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 38.4 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 61.182 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

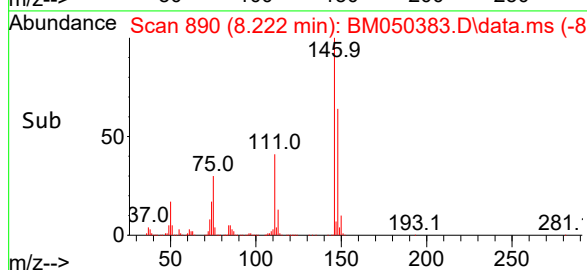
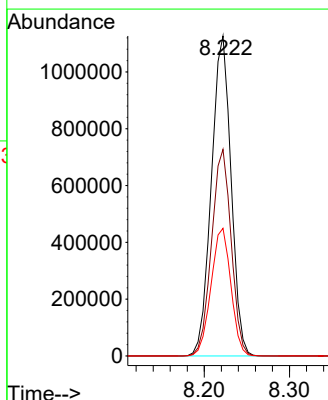
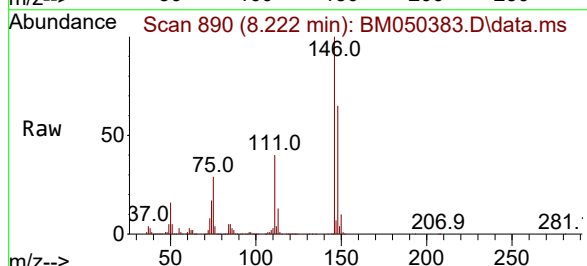
Tgt Ion:146 Resp: 1809670

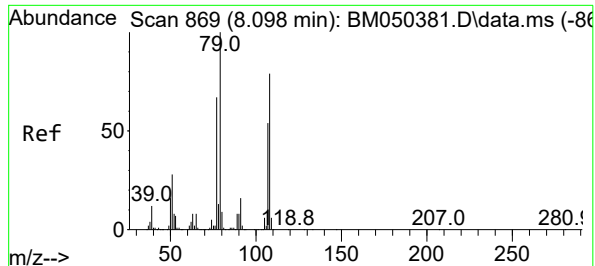
Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

111 39.9 32.6 49.0





#15

Benzyl Alcohol

Concen: 63.380 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

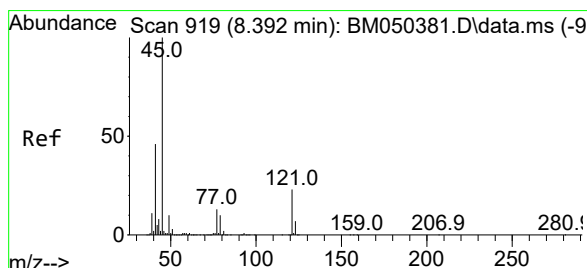
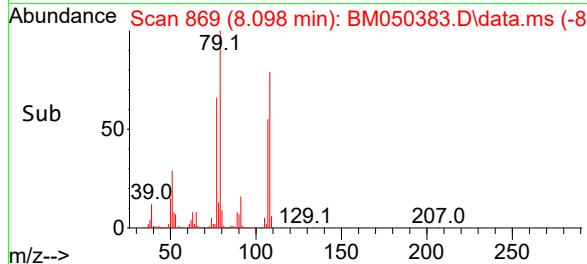
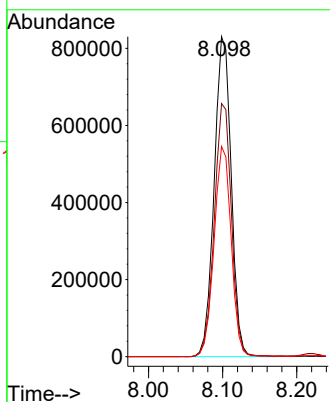
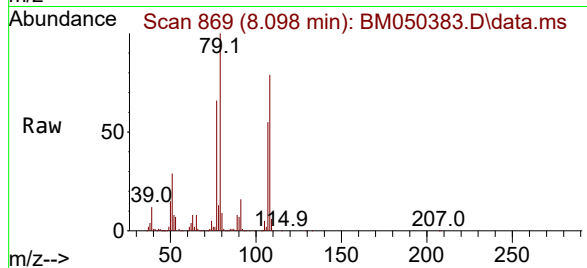
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1328453

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 60.631 ng

RT: 8.393 min Scan# 919

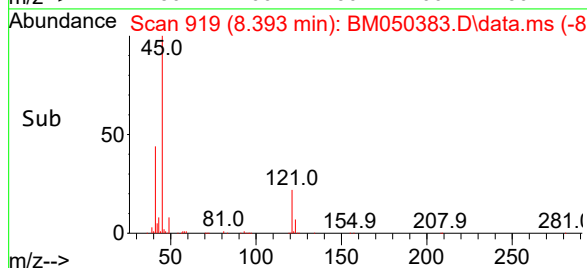
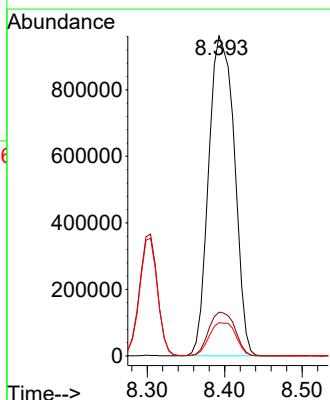
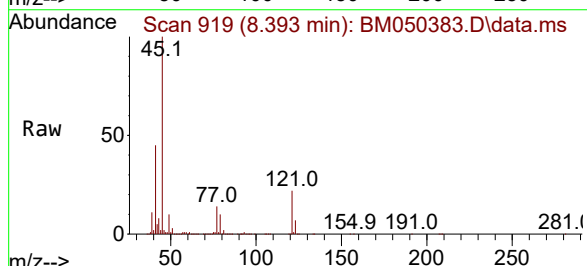
Delta R.T. 0.000 min

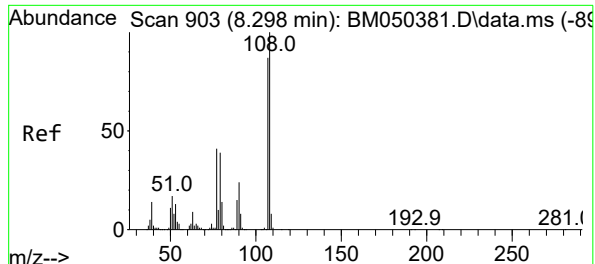
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion: 45 Resp: 2219161

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3





#17

2-Methylphenol

Concen: 63.479 ng

RT: 8.304 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM050383.D

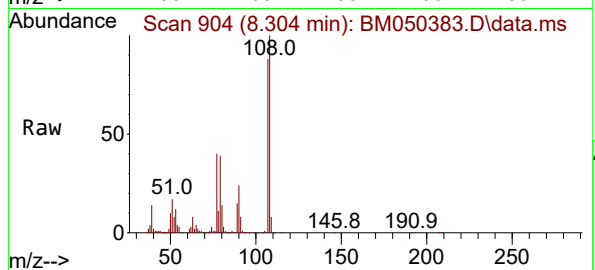
Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

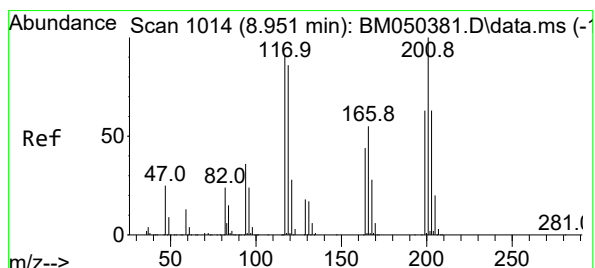
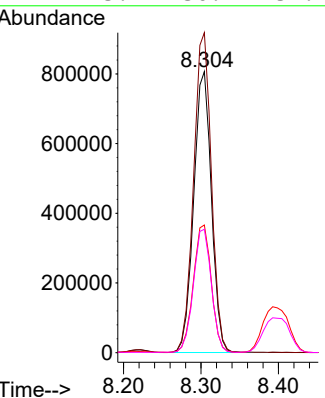
ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 1277440

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.1	138.1
77	45.4	38.2	57.4
79	43.9	36.2	54.4



#18

Hexachloroethane

Concen: 62.403 ng

RT: 8.951 min Scan# 1014

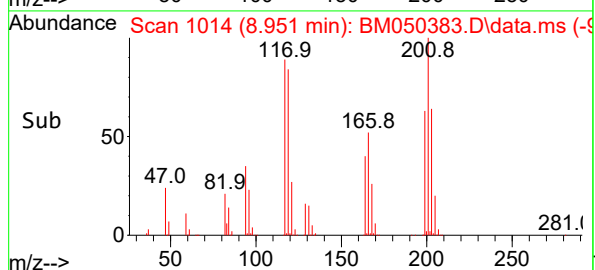
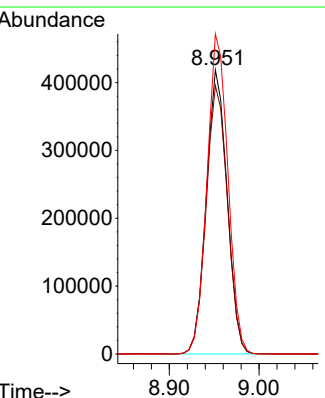
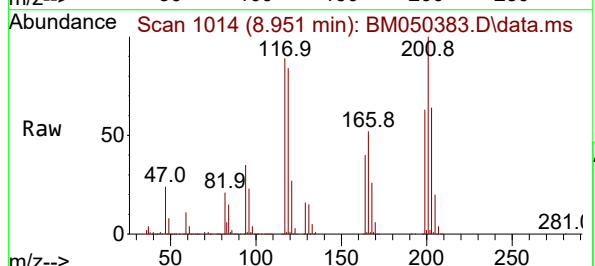
Delta R.T. 0.000 min

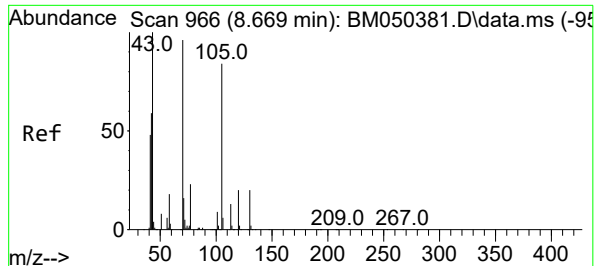
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:117 Resp: 678042

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	112.7	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 65.485 ng

RT: 8.675 min Scan# 90

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 1180119

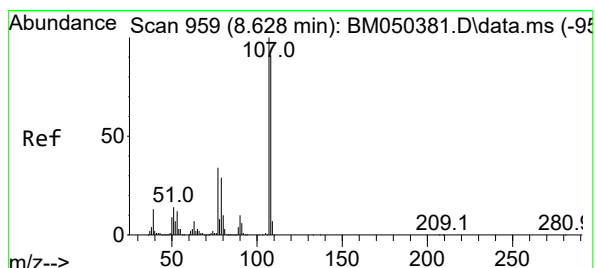
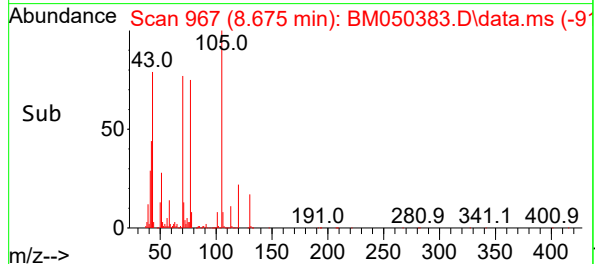
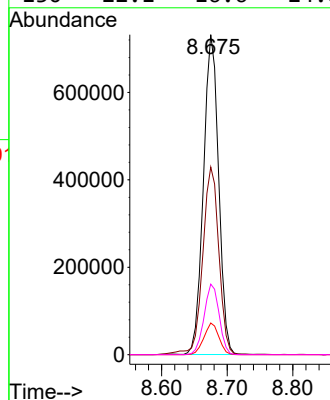
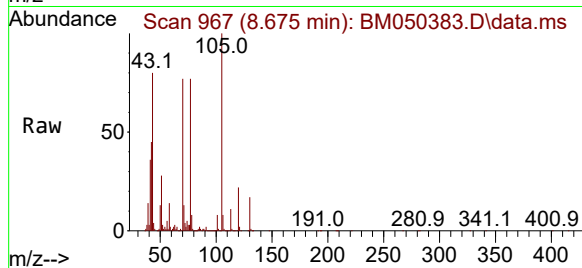
Ion Ratio Lower Upper

70 100

42 58.6 49.7 74.5

101 9.9 7.7 11.5

130 22.1 16.6 24.8



#20

3+4-Methylphenols

Concen: 62.832 ng

RT: 8.634 min Scan# 960

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1697411

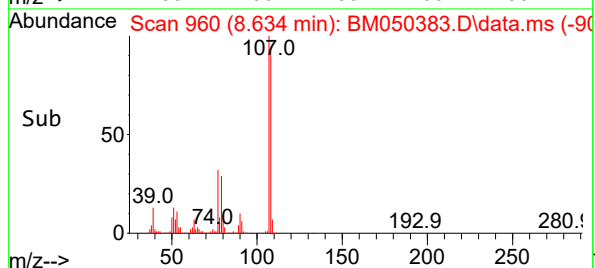
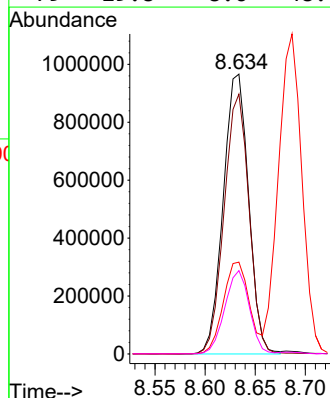
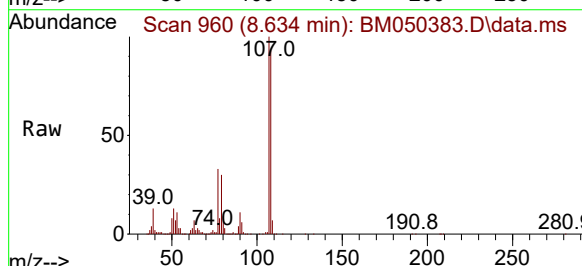
Ion Ratio Lower Upper

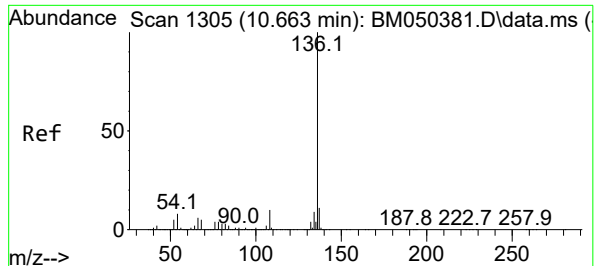
107 100

108 92.9 71.5 111.5

77 32.9 13.7 53.7

79 29.8 8.6 48.6

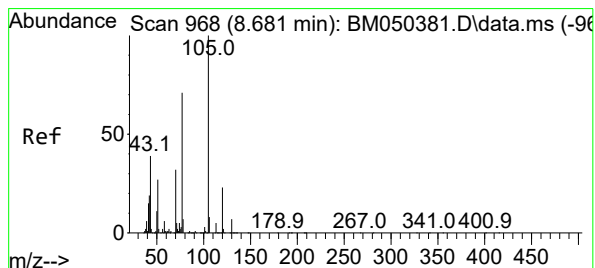
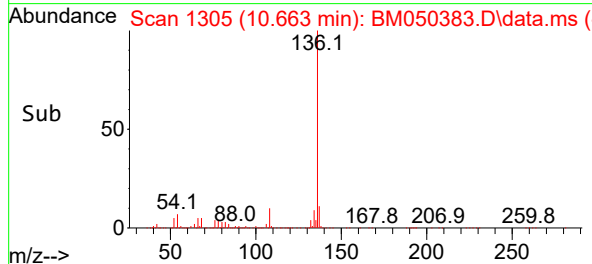
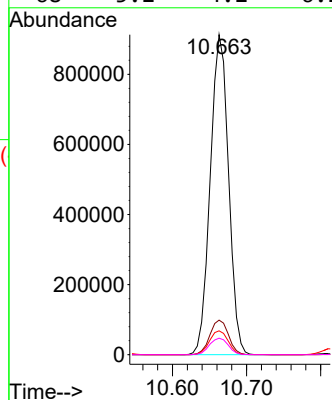
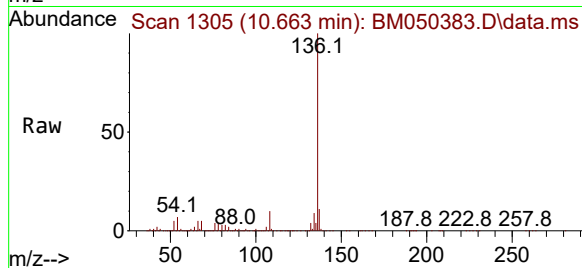




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

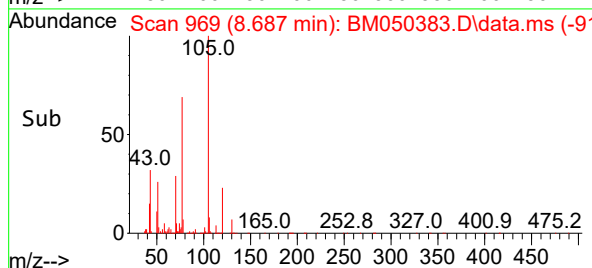
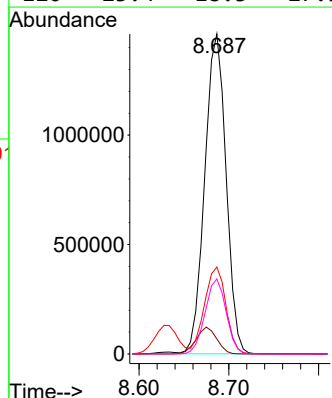
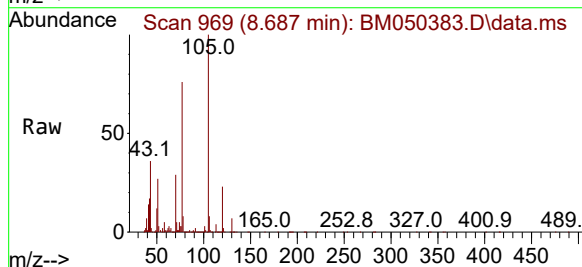
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

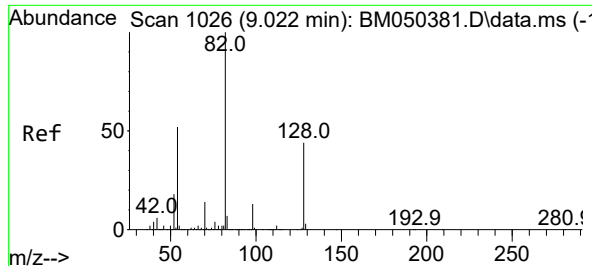
Tgt Ion:136 Resp: 1566187
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 6.3 9.5
68 5.2 4.2 6.2



#22
Acetophenone
Concen: 61.517 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:105 Resp: 2408904
Ion Ratio Lower Upper
105 100
71 4.7 4.4 6.6
51 27.2 23.0 34.6
120 23.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 126.983 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

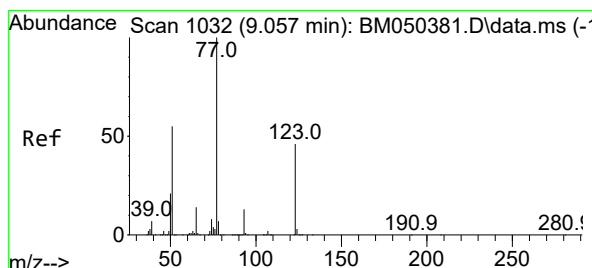
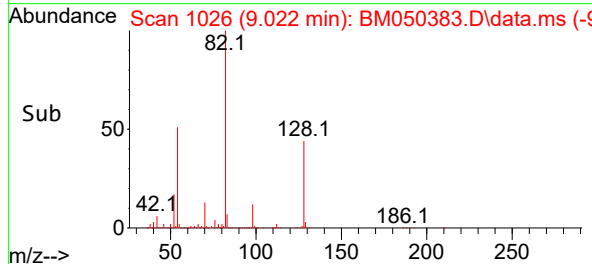
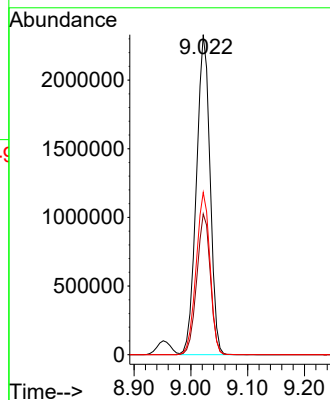
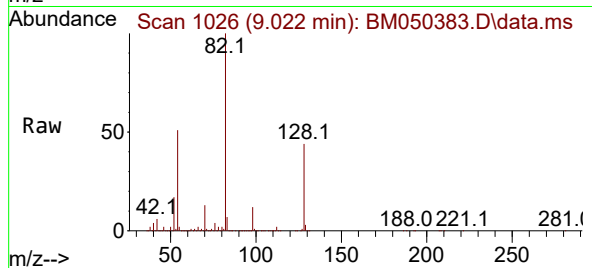
Tgt Ion: 82 Resp: 3898203

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

54 50.7 41.5 62.3



#24

Nitrobenzene

Concen: 62.165 ng

RT: 9.063 min Scan# 1033

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

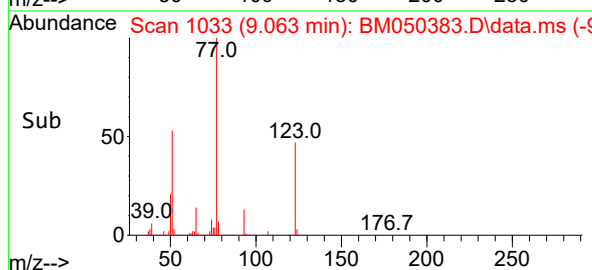
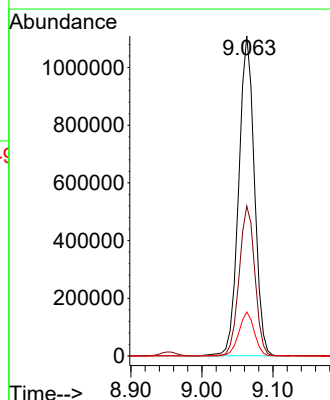
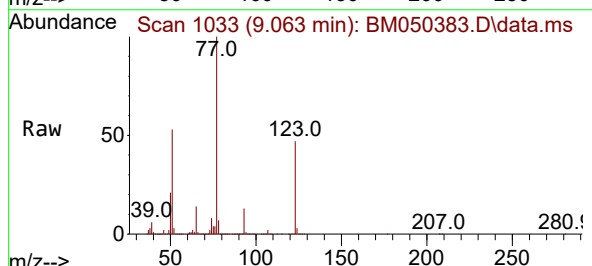
Tgt Ion: 77 Resp: 1702957

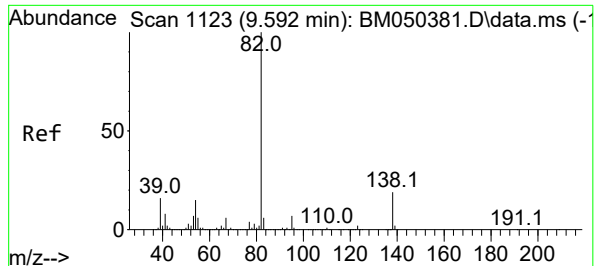
Ion Ratio Lower Upper

77 100

123 46.9 37.0 55.6

65 13.7 11.0 16.4

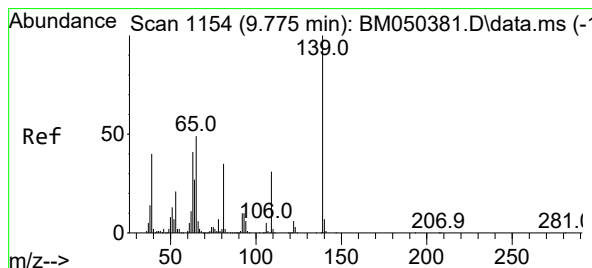
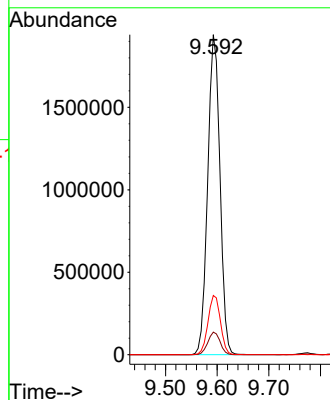
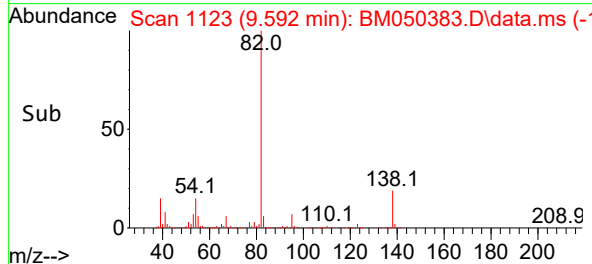
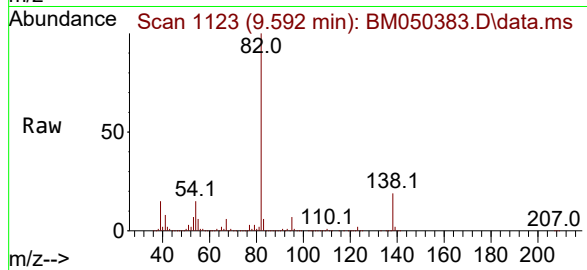




#25
Isophorone
Concen: 64.054 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

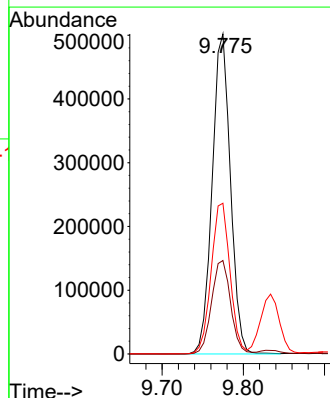
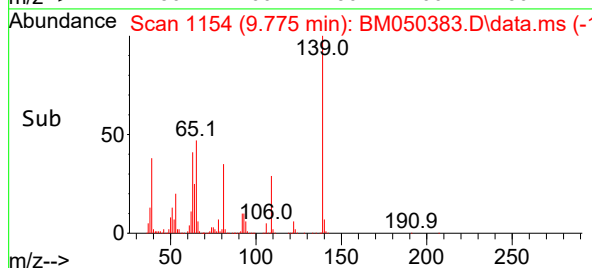
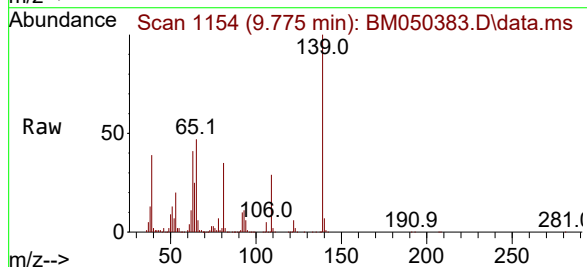
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

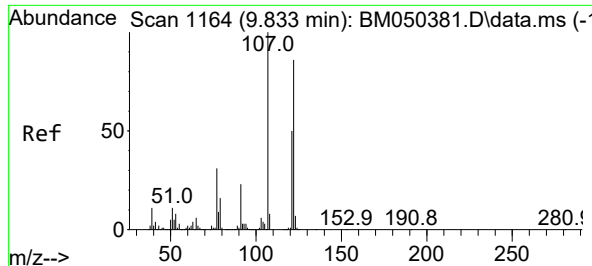
Tgt Ion: 82 Resp: 3190767
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.5 15.3 22.9



#26
2-Nitrophenol
Concen: 70.186 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 139 Resp: 783612
Ion Ratio Lower Upper
139 100
109 29.2 24.6 36.8
65 47.1 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 62.749 ng

RT: 9.834 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

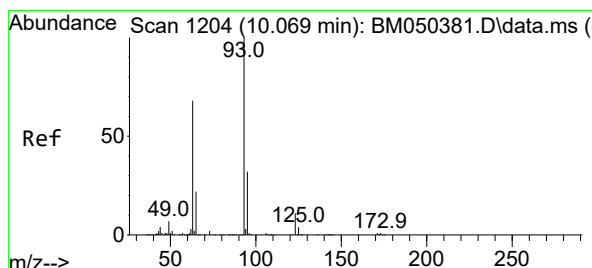
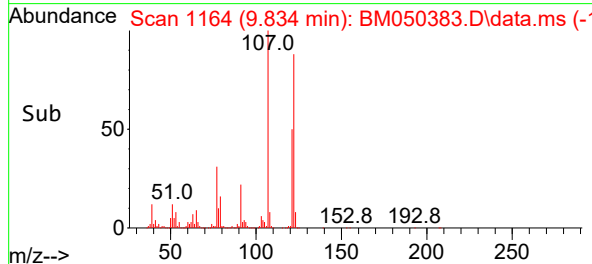
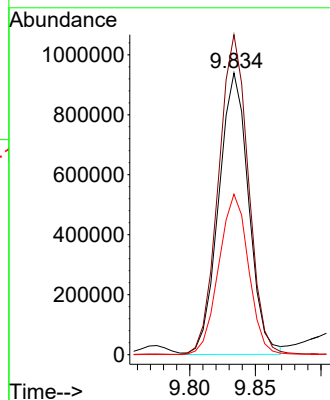
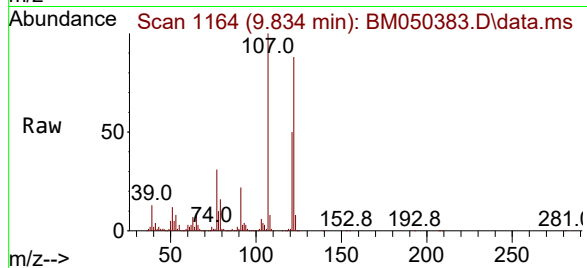
Tgt Ion:122 Resp: 1490764

Ion Ratio Lower Upper

122 100

107 113.6 93.0 139.6

121 57.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 62.070 ng

RT: 10.075 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

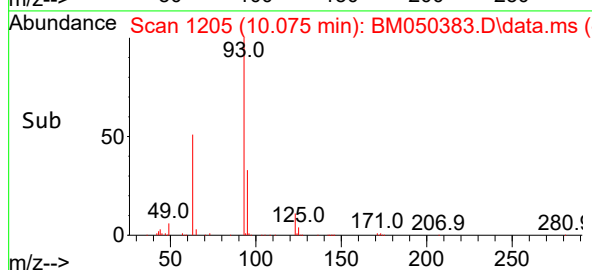
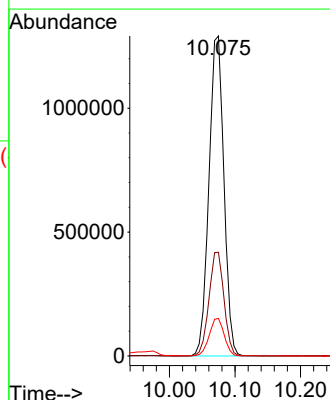
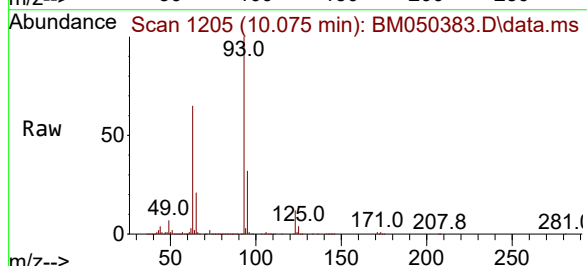
Tgt Ion: 93 Resp: 2048832

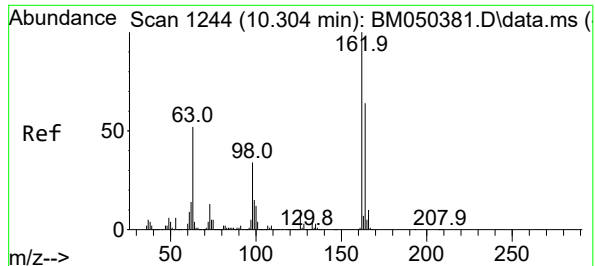
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 64.353 ng

RT: 10.310 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

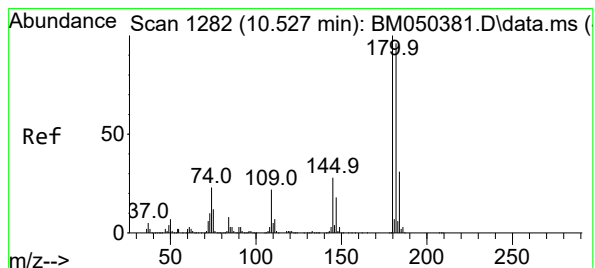
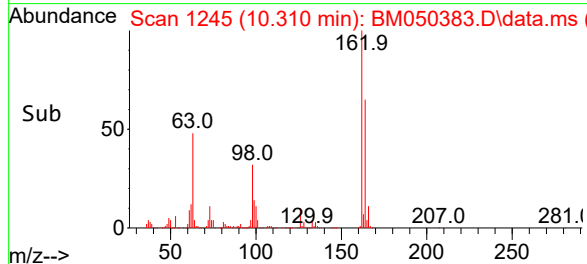
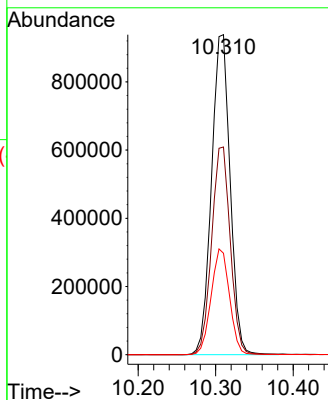
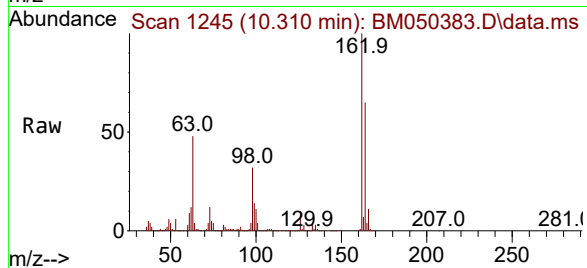
Tgt Ion:162 Resp: 1570701

Ion Ratio Lower Upper

162 100

164 64.9 43.7 83.7

98 31.7 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 62.024 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

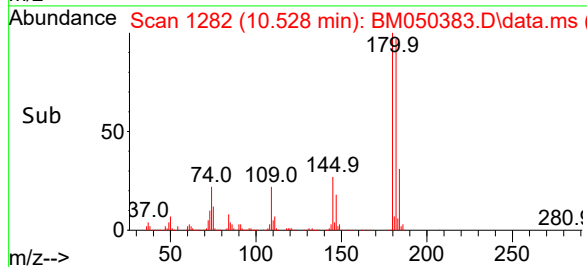
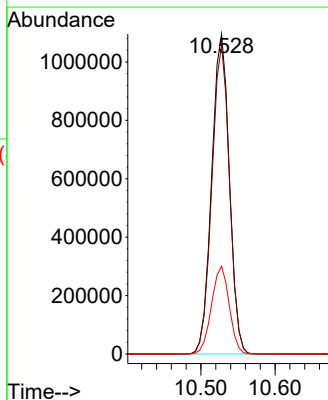
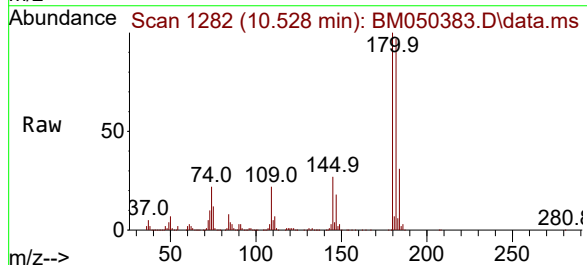
Tgt Ion:180 Resp: 1810982

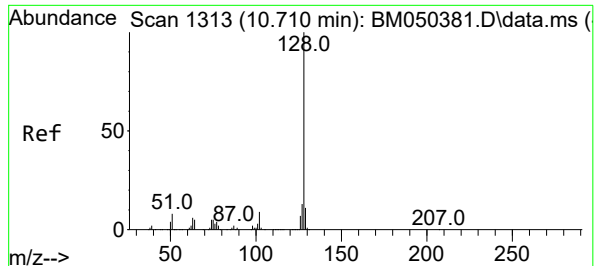
Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

145 27.4 22.6 33.8

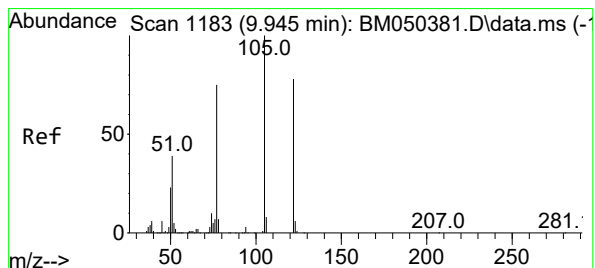
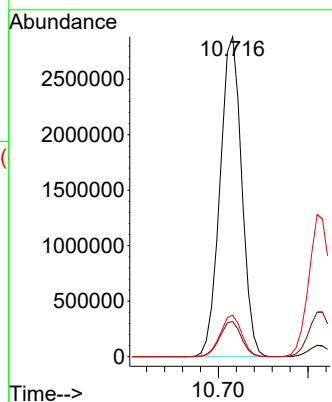
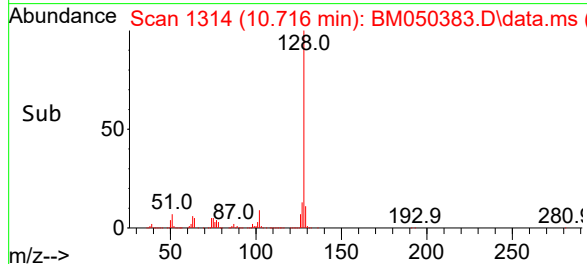
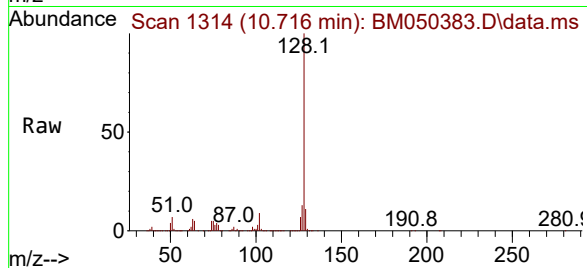




#31
Naphthalene
Concen: 60.775 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

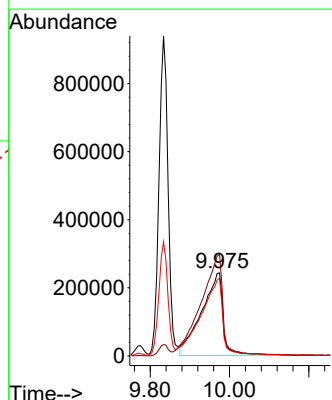
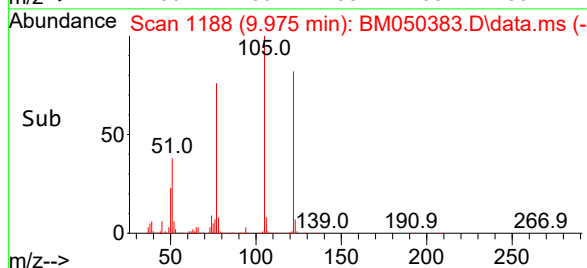
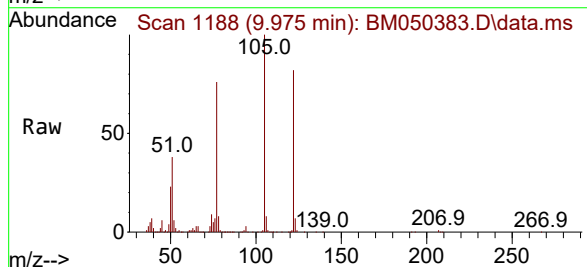
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

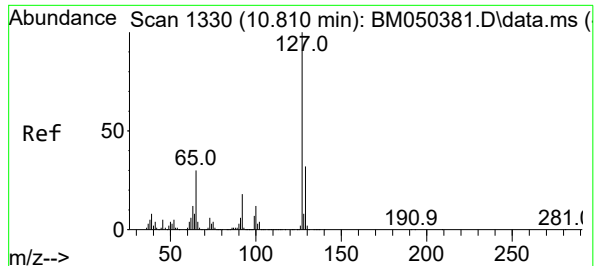
Tgt Ion:128 Resp: 4834692
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 60.734 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:122 Resp: 912053
Ion Ratio Lower Upper
122 100
105 122.5 104.0 144.0
77 93.4 73.8 113.8





#33

4-Chloroaniline

Concen: 63.348 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 2130451

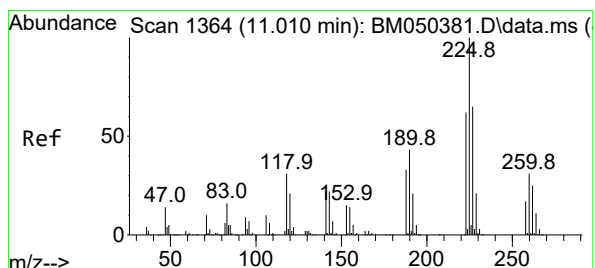
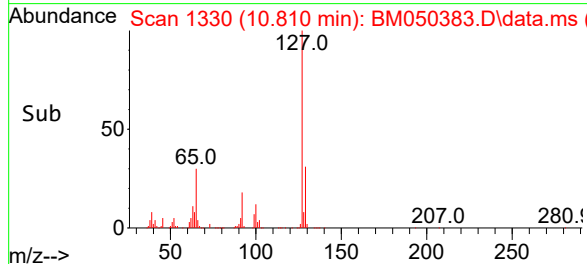
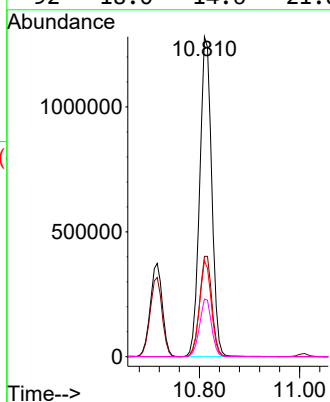
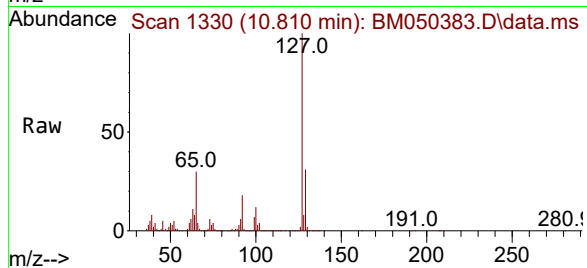
Ion Ratio Lower Upper

127 100

129 31.3 25.5 38.3

65 30.0 23.9 35.9

92 18.0 14.6 21.8



#34

Hexachlorobutadiene

Concen: 63.032 ng

RT: 11.010 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

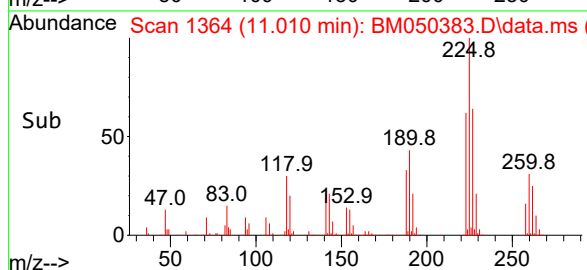
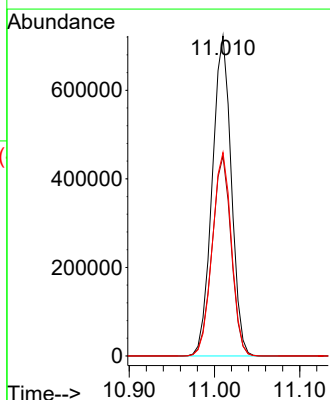
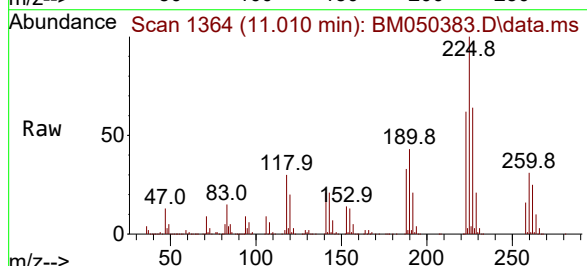
Tgt Ion:225 Resp: 1123283

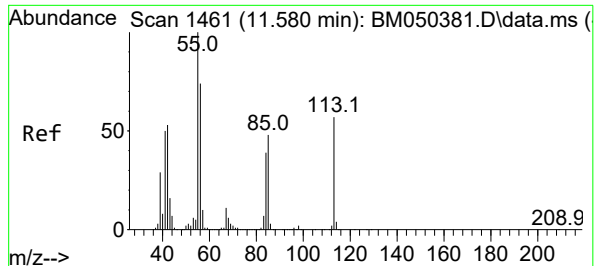
Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

227 63.6 52.1 78.1

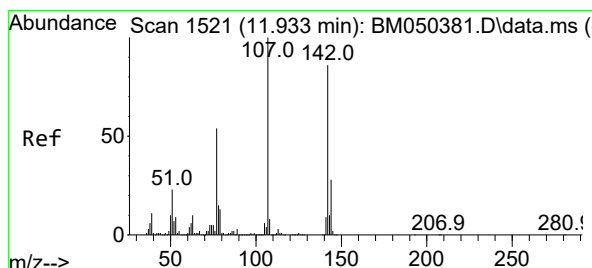
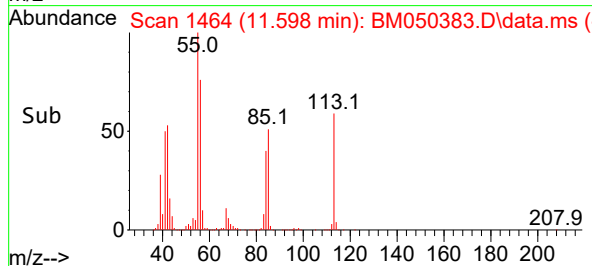
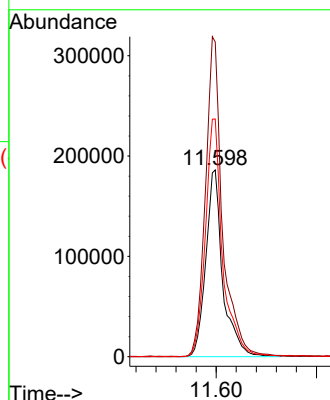
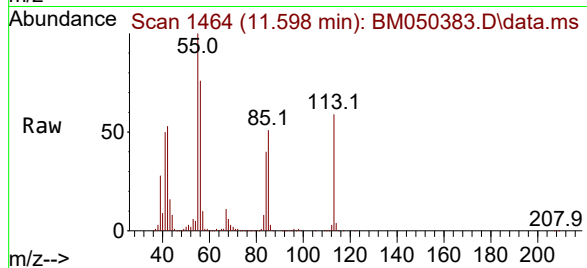




#35
Caprolactam
Concen: 65.768 ng
RT: 11.598 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

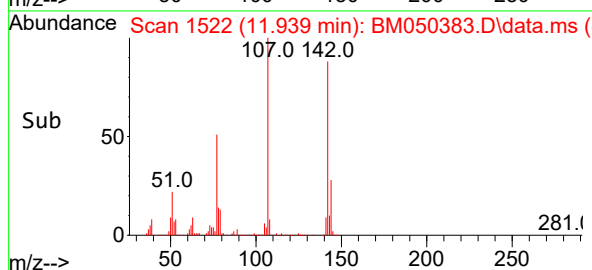
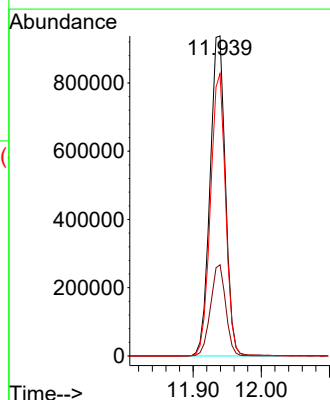
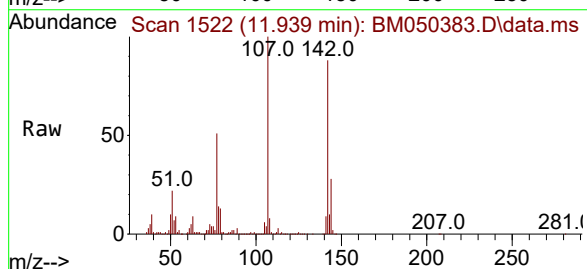
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

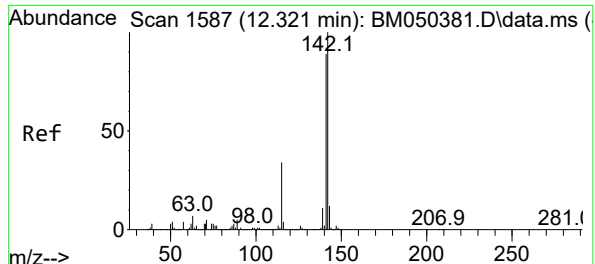
Tgt Ion	Ratio	Lower	Upper
113	100		
55	168.5	157.2	197.2
56	127.3	111.7	151.7



#36
4-Chloro-3-methylphenol
Concen: 64.612 ng
RT: 11.939 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	88.2	68.7	103.1

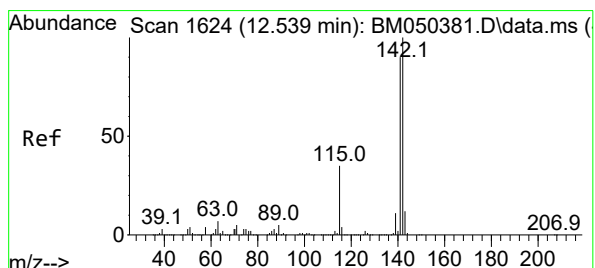
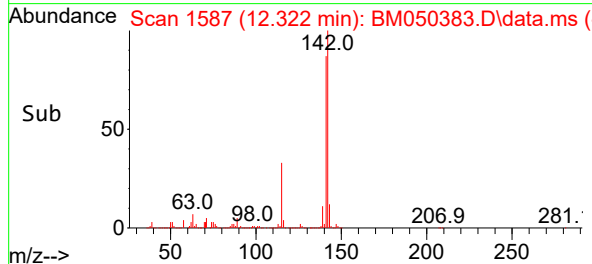
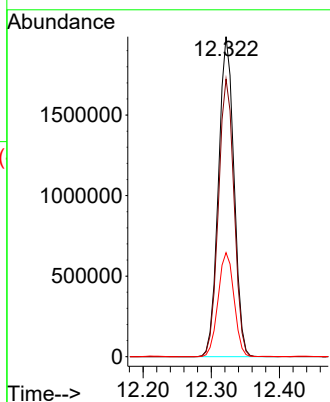
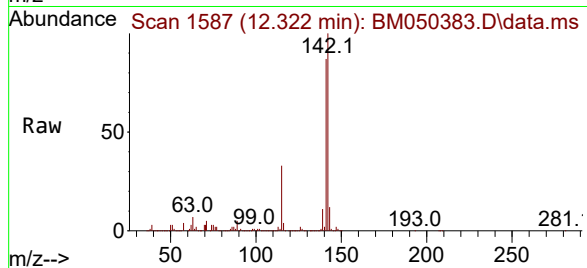




#37
2-Methylnaphthalene
Concen: 62.784 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

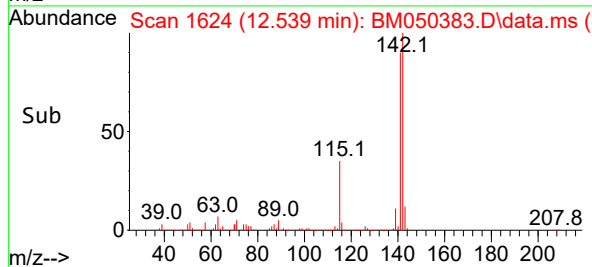
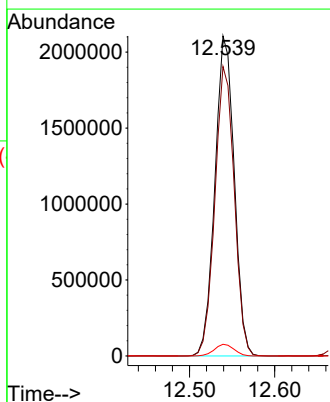
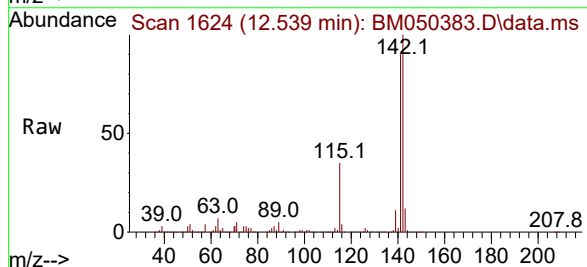
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

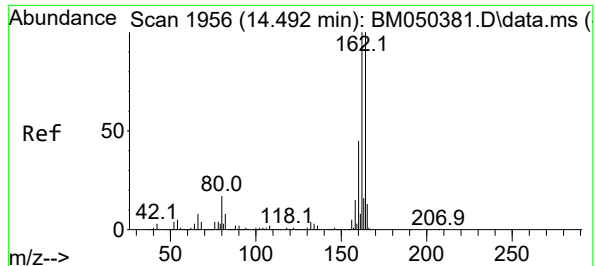
Tgt Ion:142 Resp: 3153595
Ion Ratio Lower Upper
142 100
141 86.8 70.8 106.2
115 32.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 62.500 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:142 Resp: 3322331
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9
116 3.6 3.0 4.6

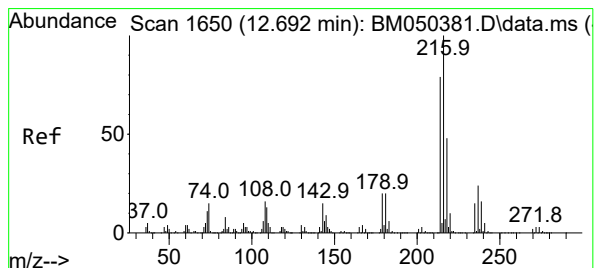
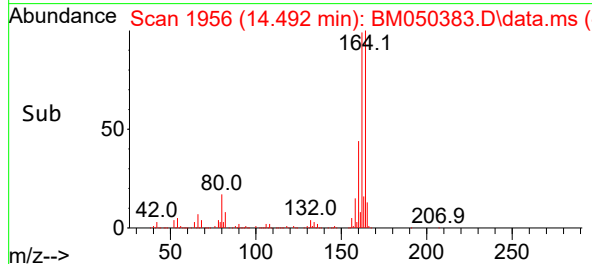
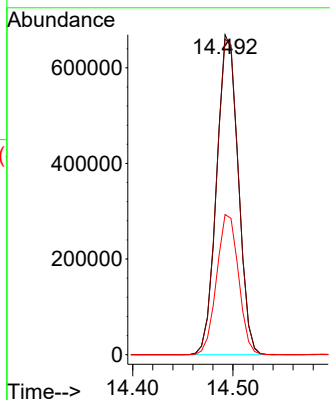
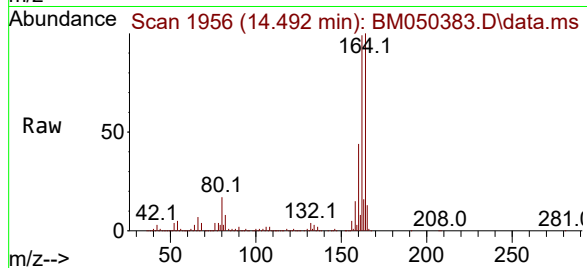




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

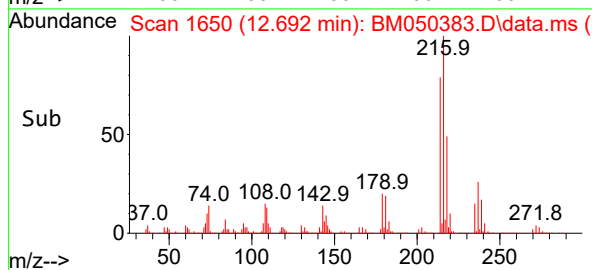
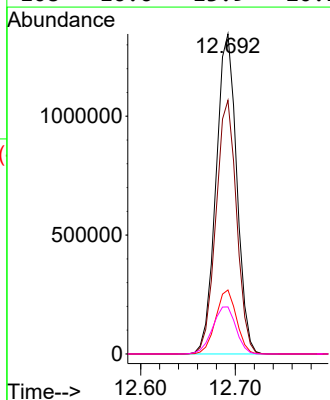
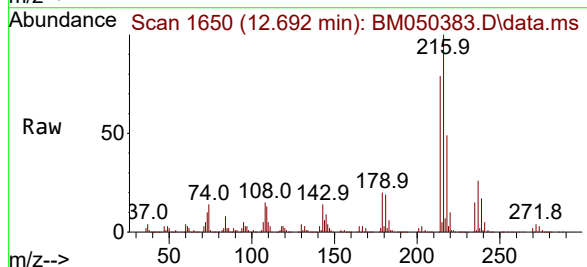
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

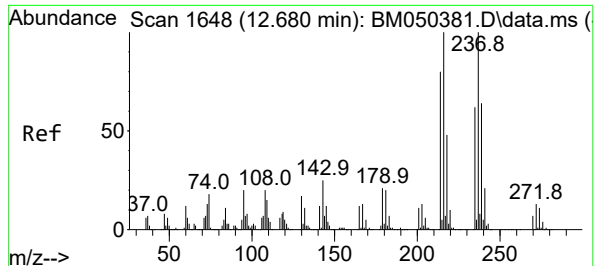
Tgt Ion:164 Resp: 998713
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.436 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:216 Resp: 2046472
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 20.1 16.4 24.6
108 16.6 13.9 20.9

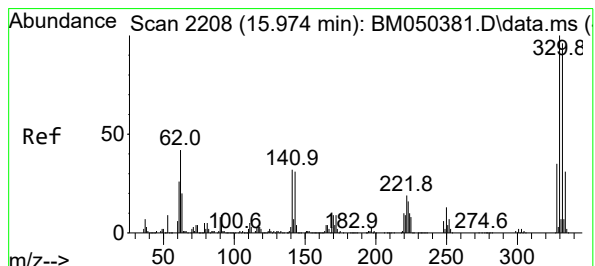
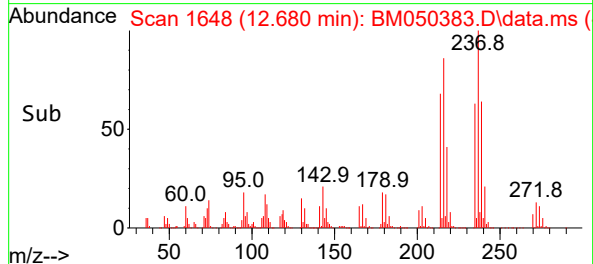
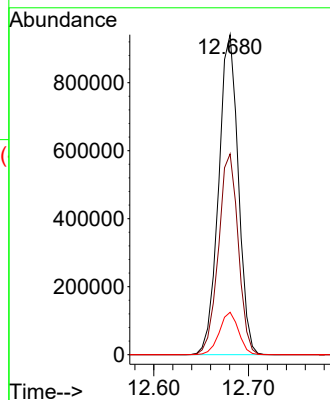
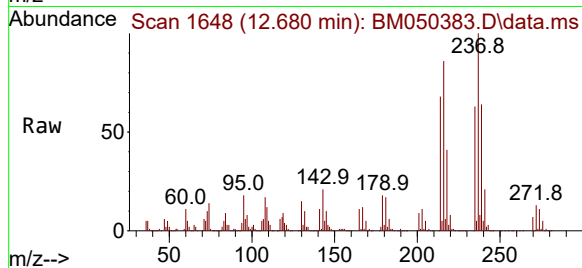




#41
Hexachlorocyclopentadiene
Concen: 66.942 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

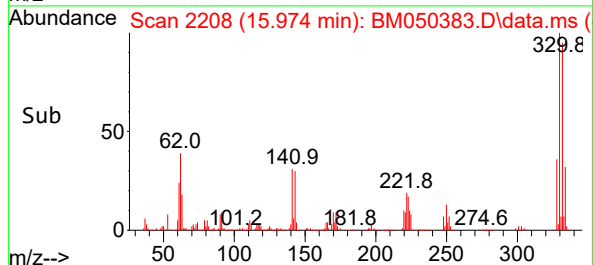
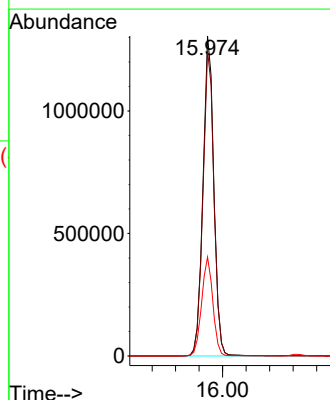
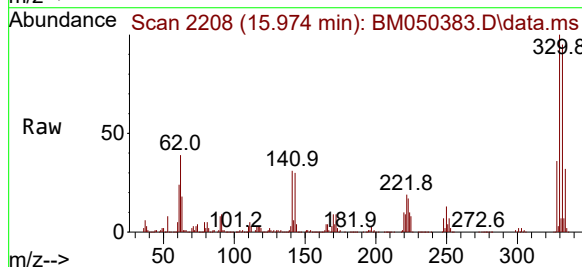
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

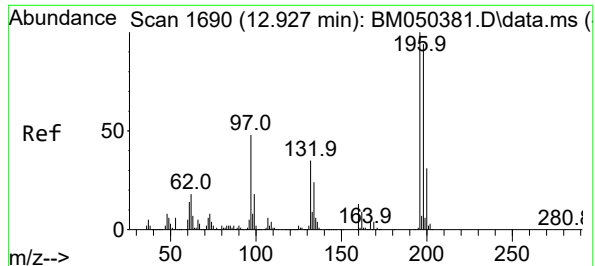
Tgt Ion:237 Resp: 1359023
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 138.460 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:330 Resp: 1680132
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.9 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 66.483 ng

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

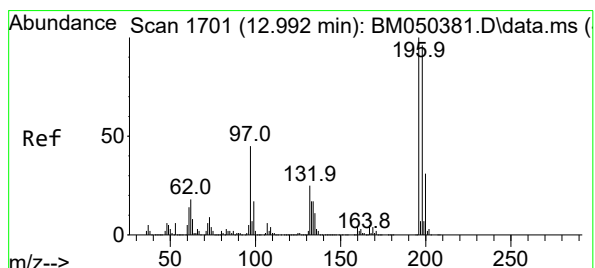
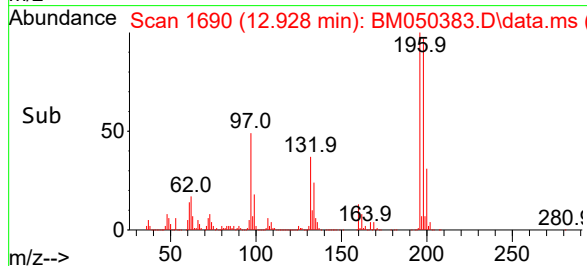
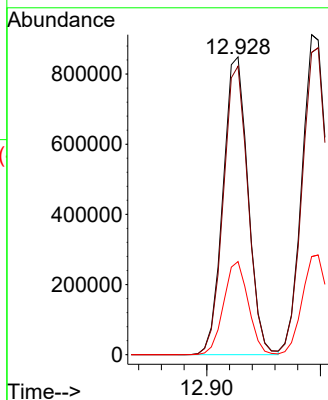
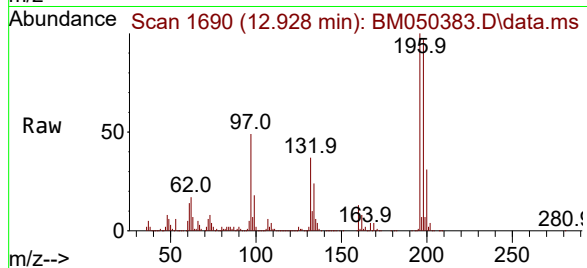
Tgt Ion:196 Resp: 1299719

Ion Ratio Lower Upper

196 100

198 96.8 75.1 112.7

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 65.913 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:196 Resp: 1407280

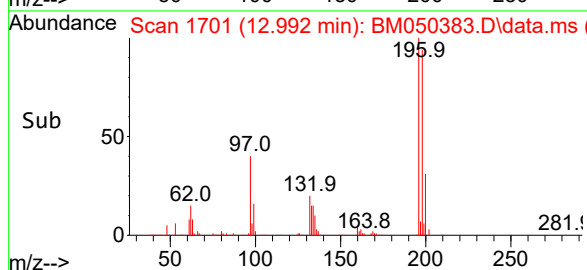
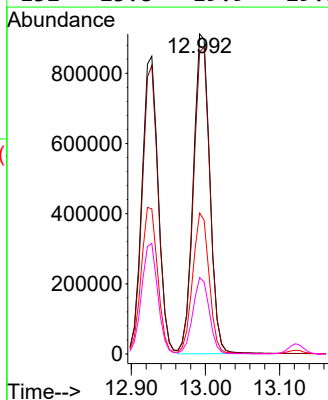
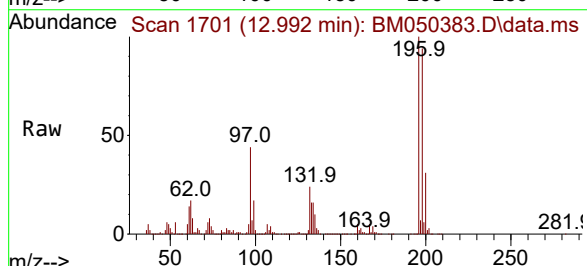
Ion Ratio Lower Upper

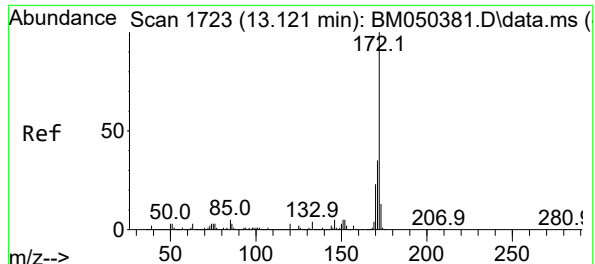
196 100

198 94.5 77.2 115.8

97 44.0 36.2 54.4

132 23.8 19.9 29.9

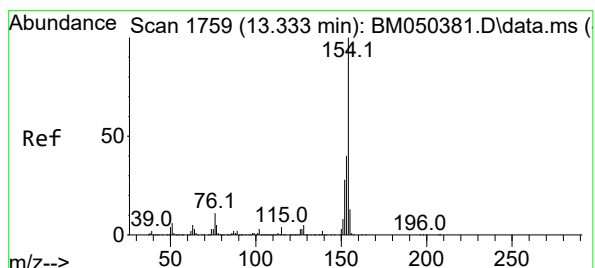
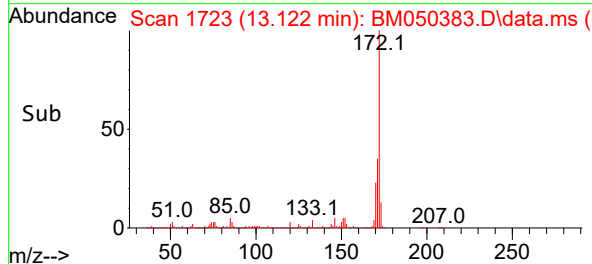
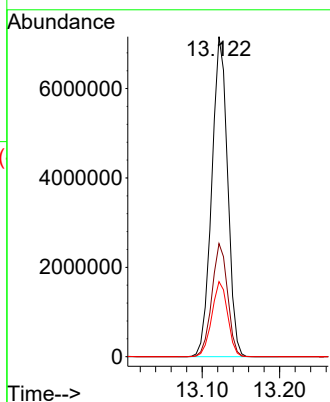
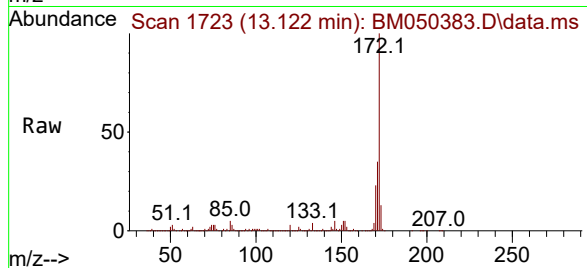




#45
2-Fluorobiphenyl
Concen: 125.724 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

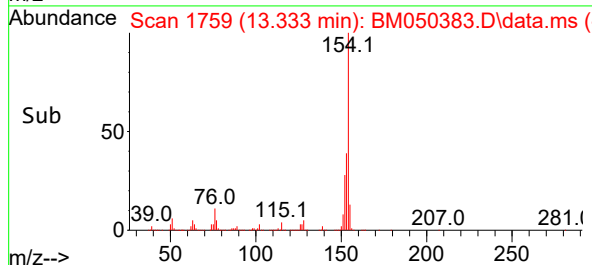
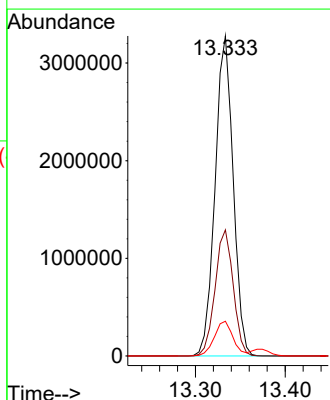
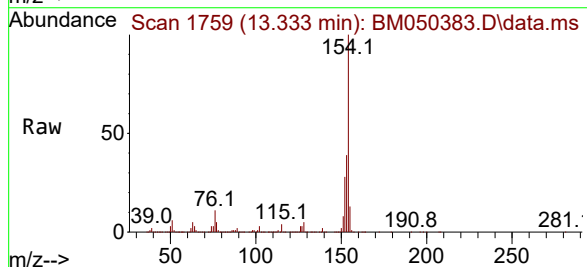
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

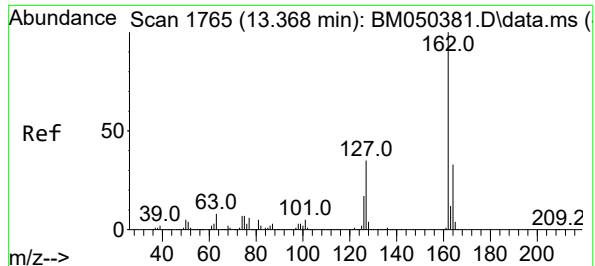
Tgt Ion:172 Resp:10167533
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 61.736 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 4574537
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 61.699 ng

RT: 13.375 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

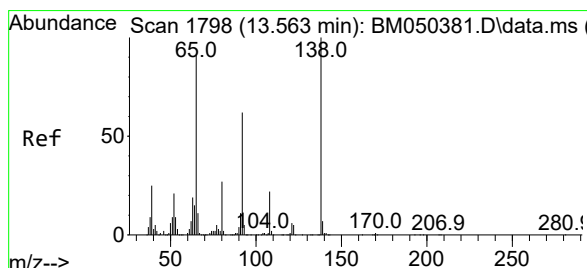
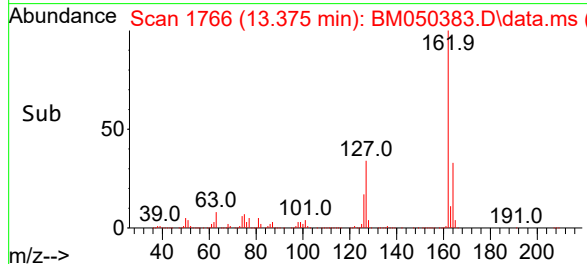
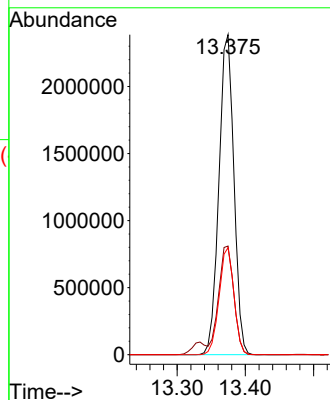
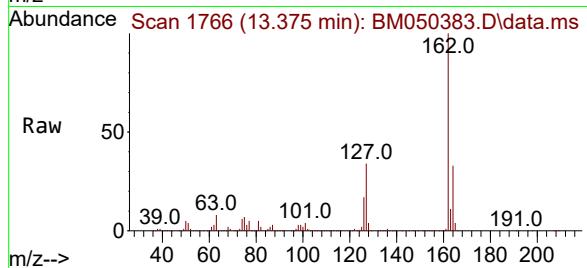
Tgt Ion:162 Resp: 3645124

Ion Ratio Lower Upper

162 100

127 34.0 28.3 42.5

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 68.554 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

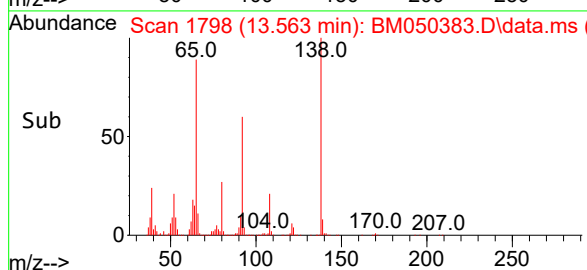
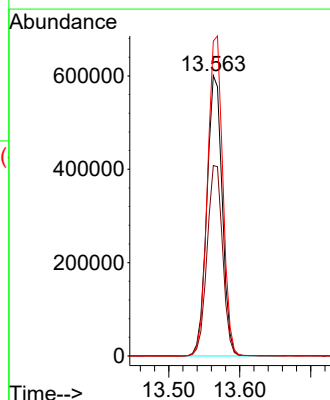
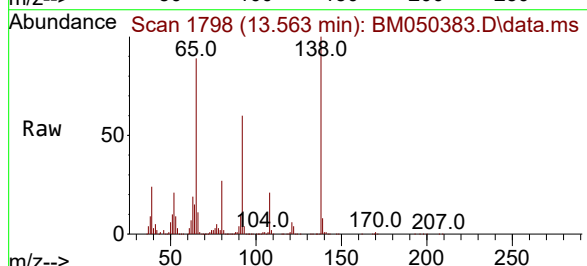
Tgt Ion: 65 Resp: 904021

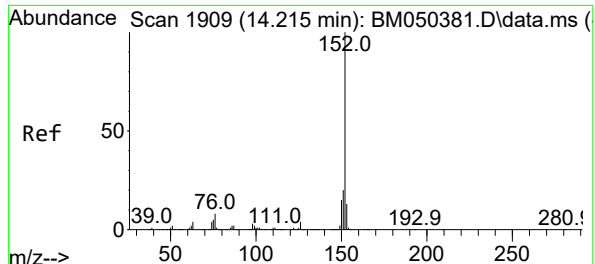
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 112.3 87.8 131.6





#49

Acenaphthylene

Concen: 62.931 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

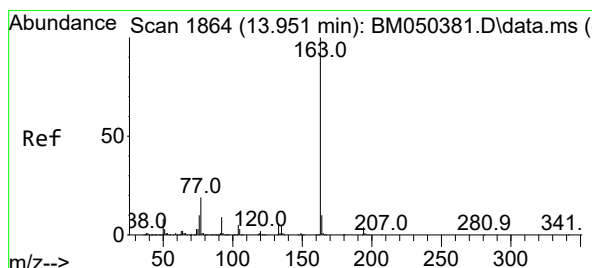
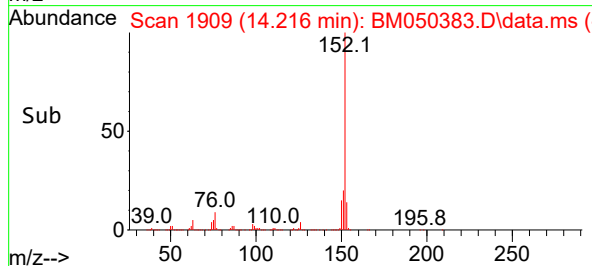
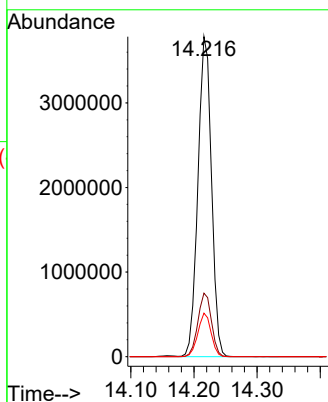
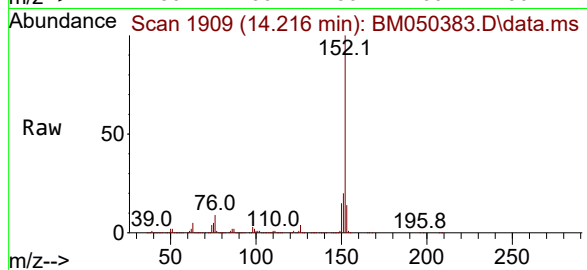
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 5618754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.6	15.8



#50

Dimethylphthalate

Concen: 62.407 ng

RT: 13.957 min Scan# 1865

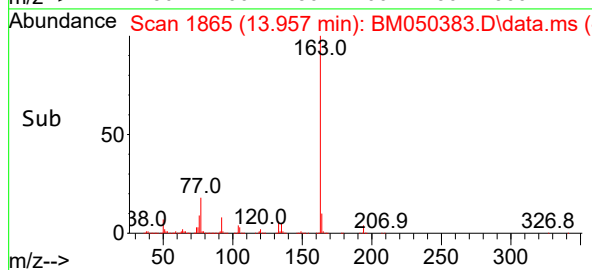
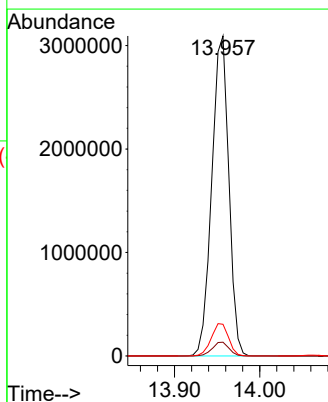
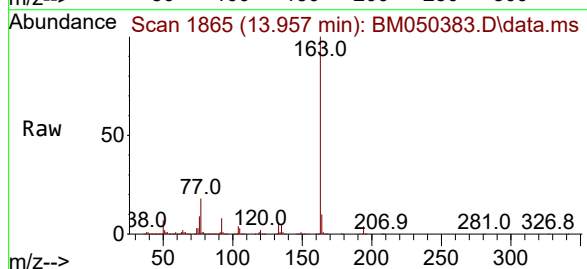
Delta R.T. 0.006 min

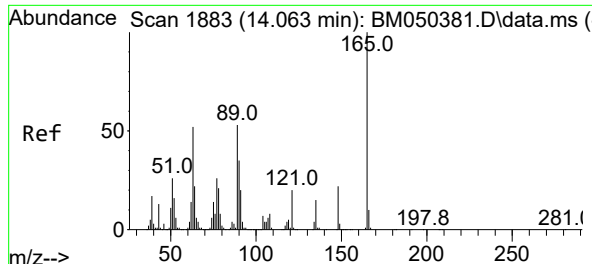
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:163 Resp: 4291046

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.2

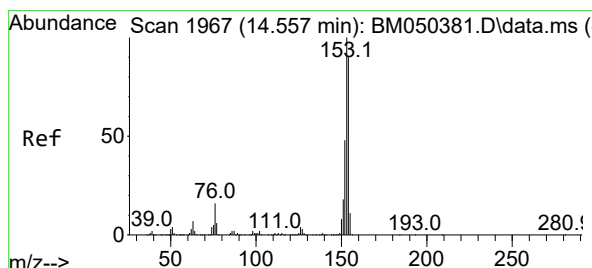
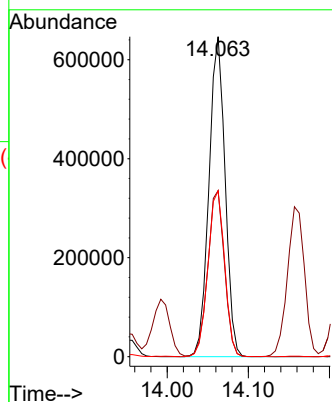
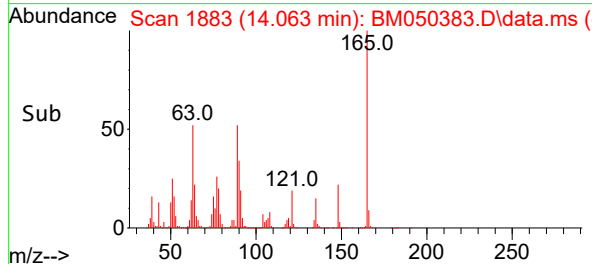
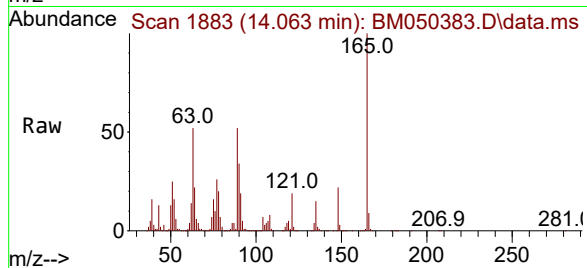




#51
2,6-Dinitrotoluene
Concen: 67.510 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

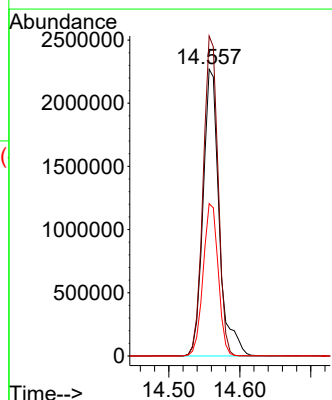
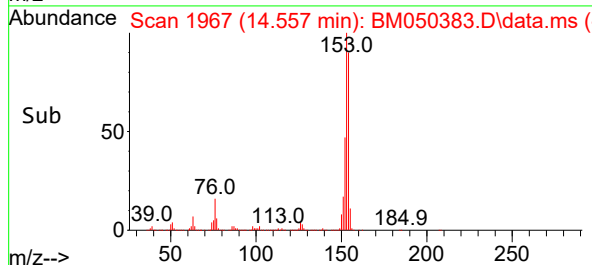
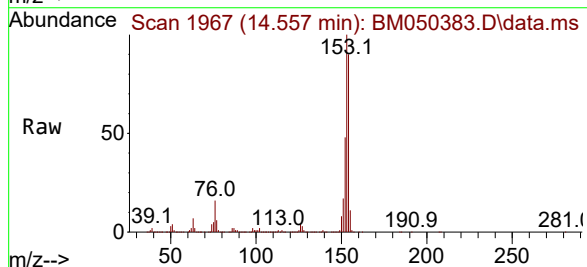
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

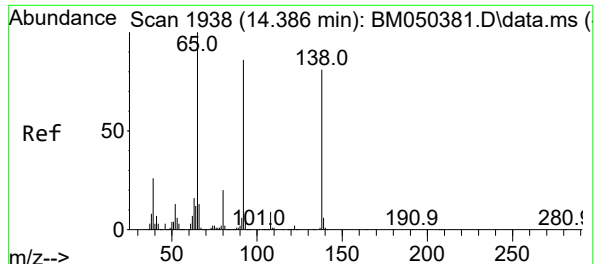
Tgt Ion:165 Resp: 891260
Ion Ratio Lower Upper
165 100
63 51.9 42.4 63.6
89 51.8 42.2 63.2



#52
Acenaphthene
Concen: 63.105 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 3582059
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 53.1 42.6 64.0

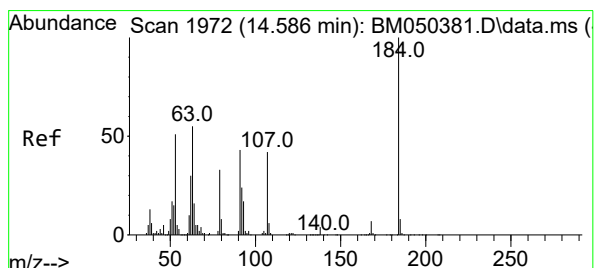
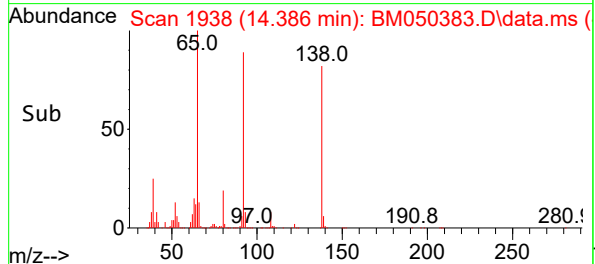
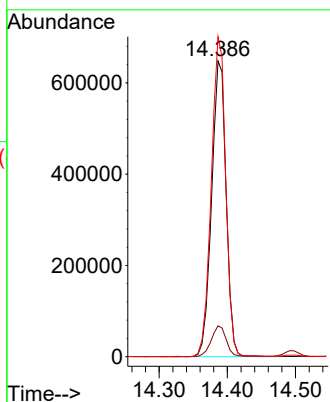
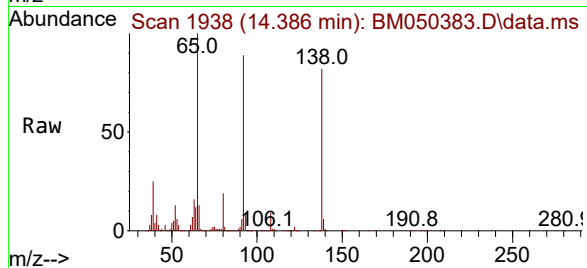




#53
3-Nitroaniline
Concen: 68.179 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

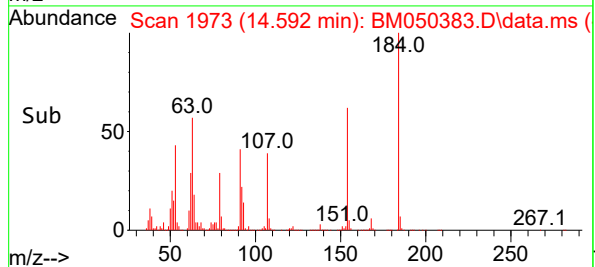
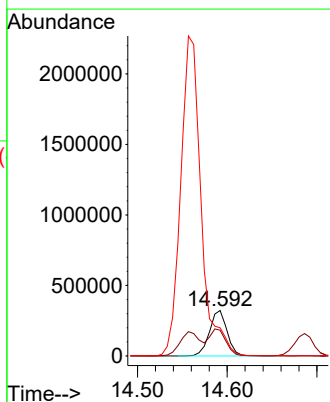
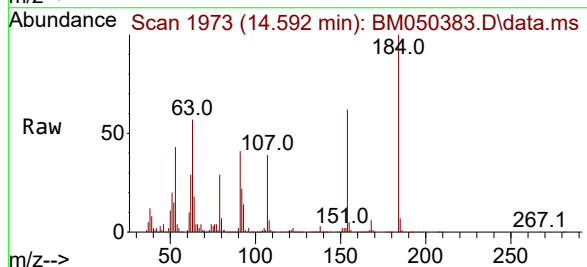
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

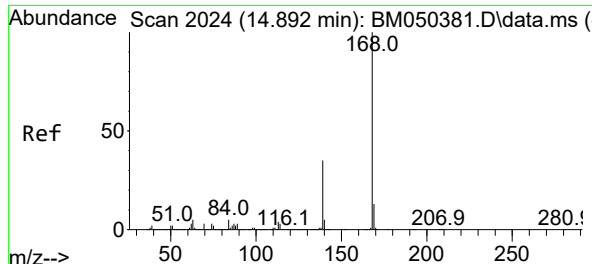
Tgt Ion:138 Resp: 957239
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 108.2 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 61.898 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:184 Resp: 439445
Ion Ratio Lower Upper
184 100
63 56.9 53.4 80.0
154 62.1 61.6 92.4

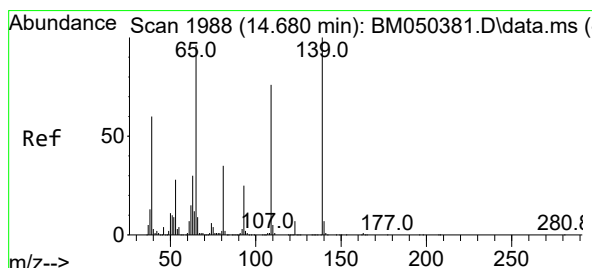
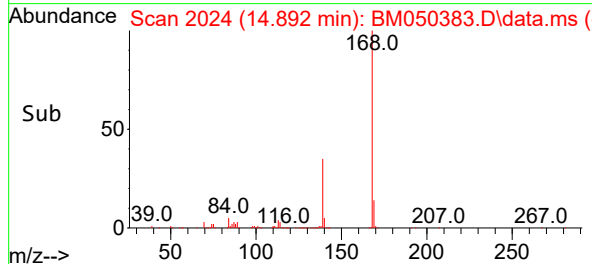
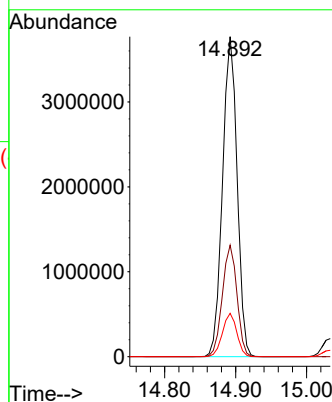
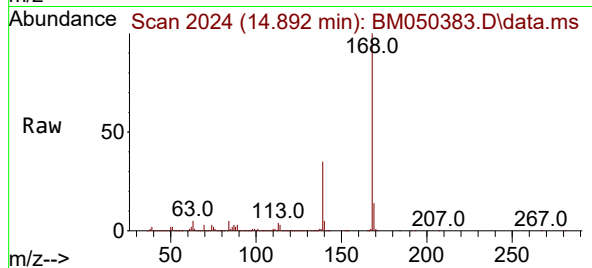




#55
Dibenzenofuran
Concen: 61.102 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

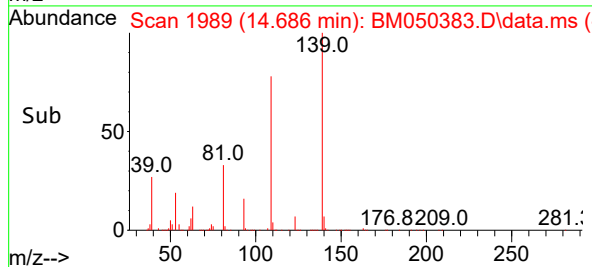
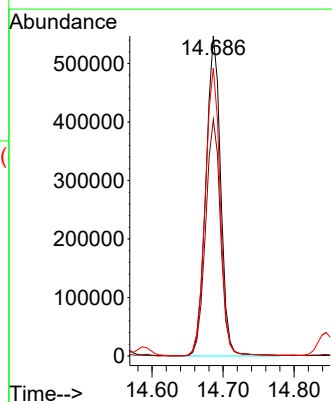
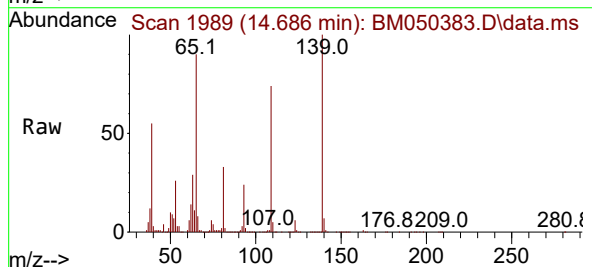
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

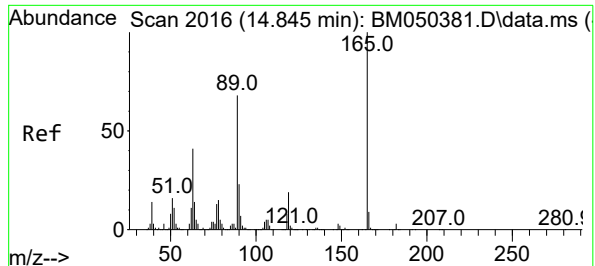
Tgt Ion:168 Resp: 5344109
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 65.804 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 794516
Ion Ratio Lower Upper
139 100
109 73.8 56.5 96.5
65 89.9 76.4 116.4

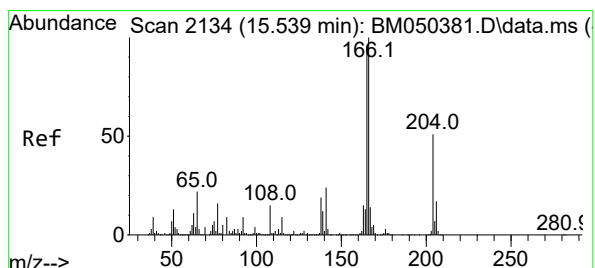
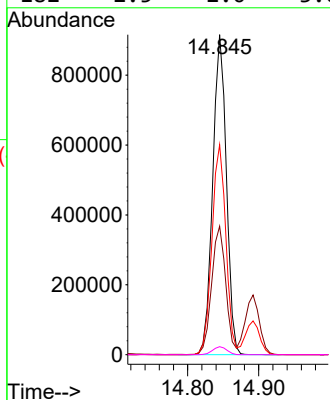
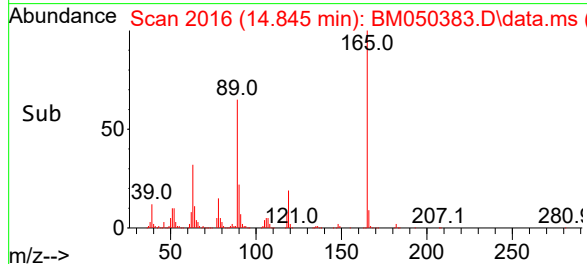
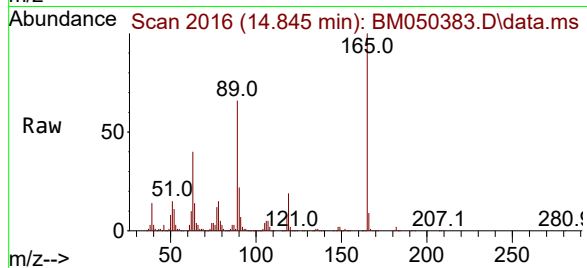




#57
2,4-Dinitrotoluene
Concen: 60.887 ng
RT: 14.845 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

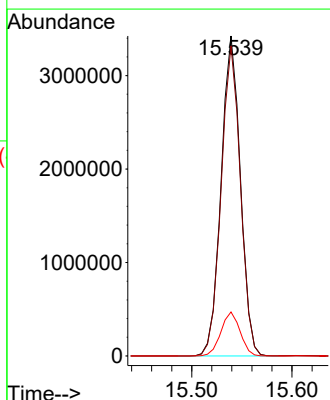
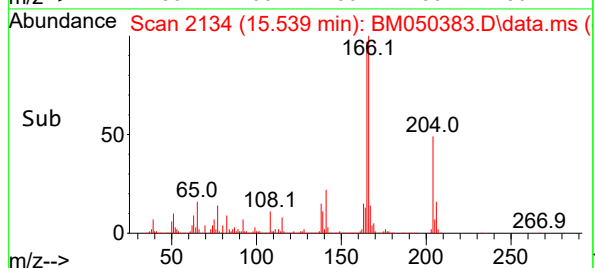
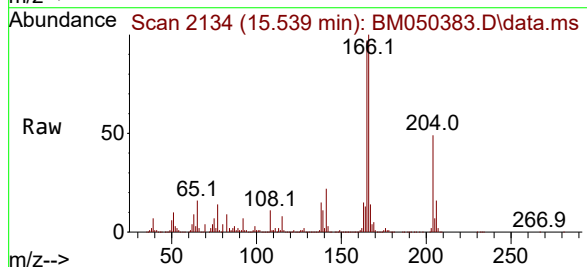
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

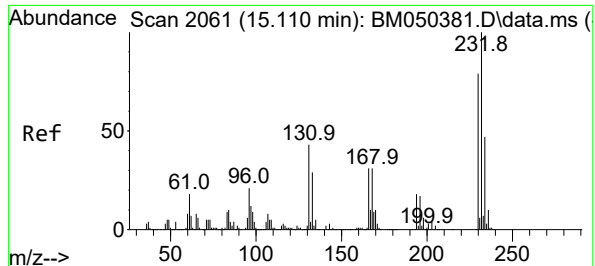
Tgt Ion:165 Resp: 1218665
Ion Ratio Lower Upper
165 100
63 40.2 32.5 48.7
89 65.6 54.0 81.0
182 2.5 2.0 3.0



#58
Fluorene
Concen: 63.309 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:166 Resp: 4560797
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.6
167 13.8 10.9 16.3

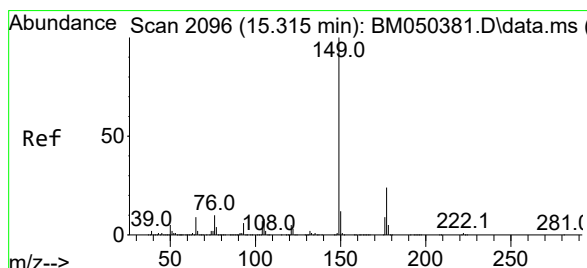
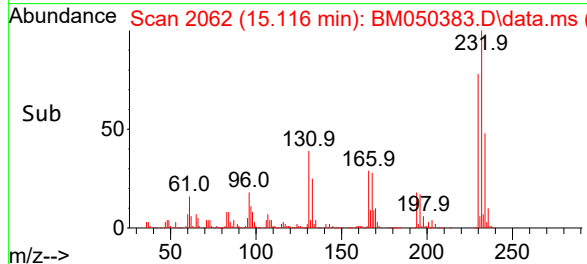
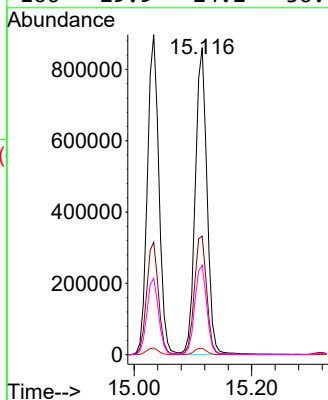
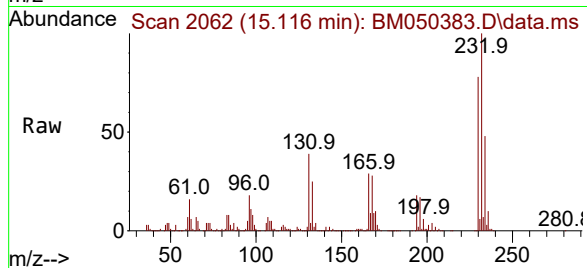




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.202 ng
RT: 15.116 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

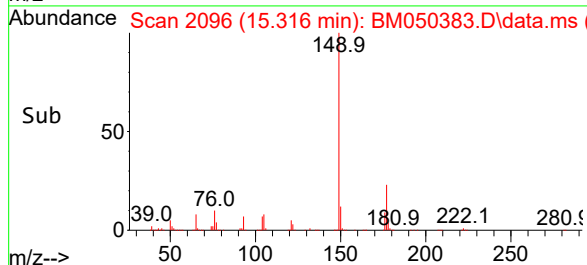
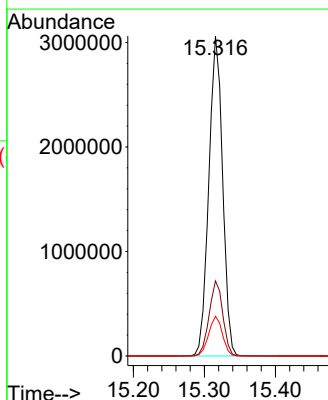
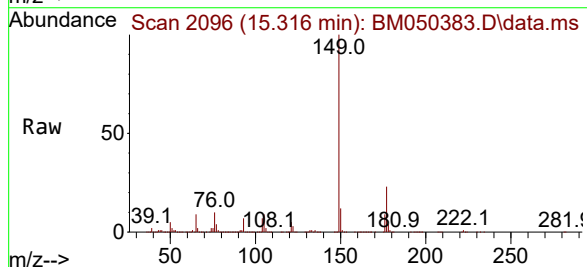
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

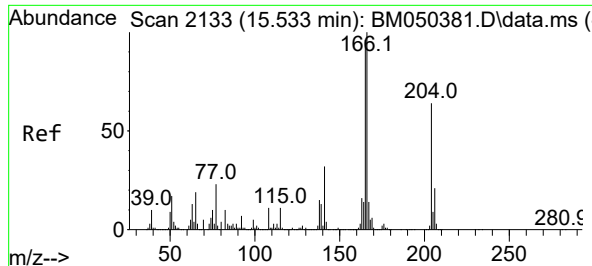
Tgt Ion:232 Resp: 1189838
Ion Ratio Lower Upper
232 100
131 40.7 33.4 50.0
130 2.2 1.8 2.6
166 29.9 24.2 36.4



#60
Diethylphthalate
Concen: 62.882 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4130183
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.4 9.8 14.8

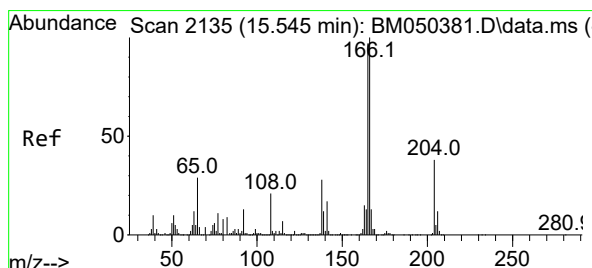
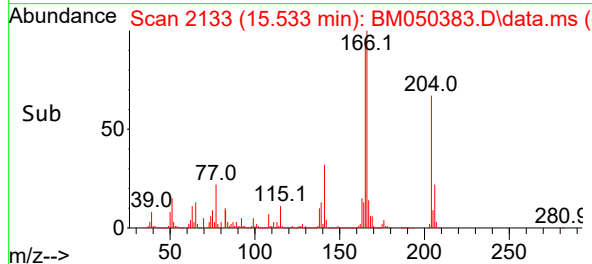
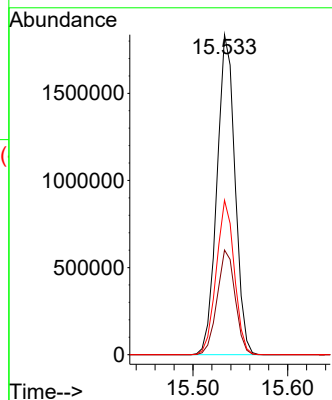
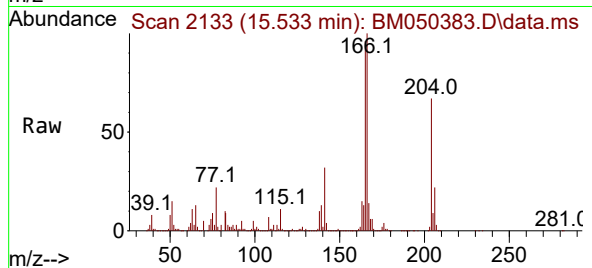




#61
4-Chlorophenyl-phenylether
Concen: 64.533 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

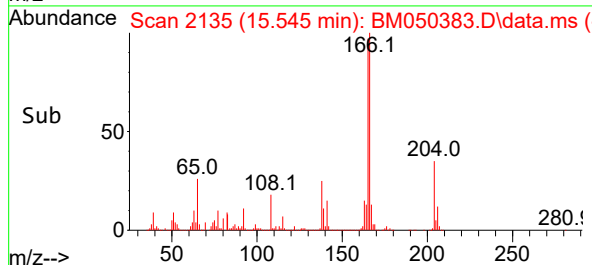
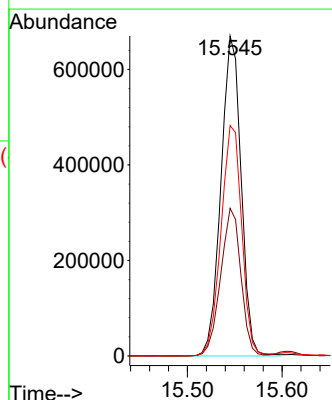
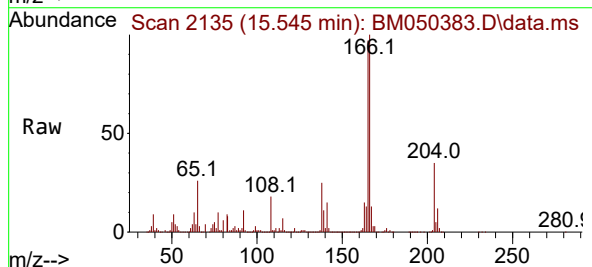
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

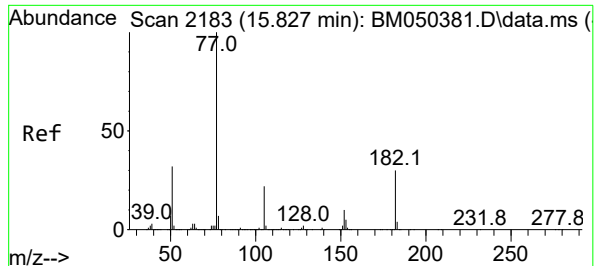
Tgt Ion:204 Resp: 2430909
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 60.686 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:138 Resp: 991212
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 72.0 52.5 92.5

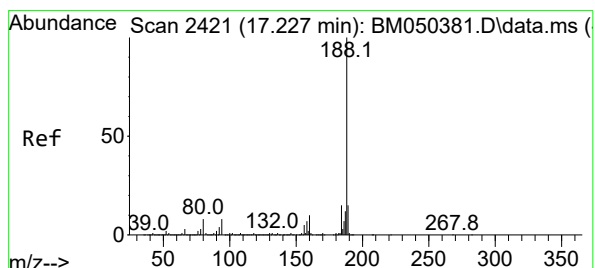
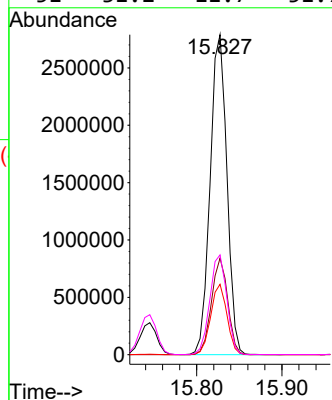
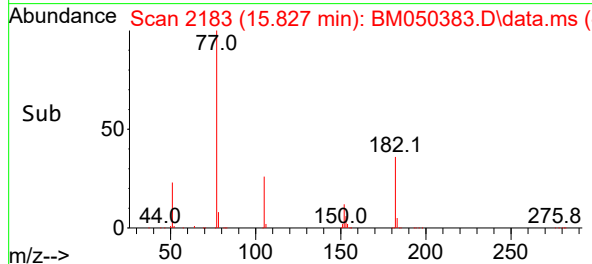
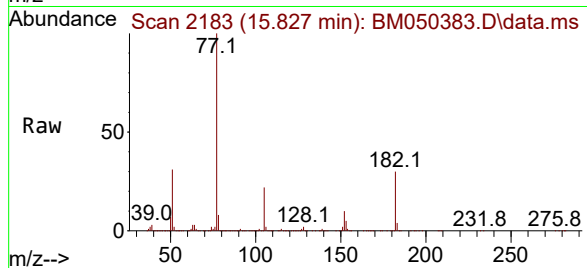




#63
Azobenzene
Concen: 63.206 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

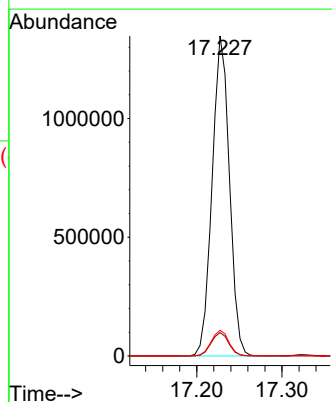
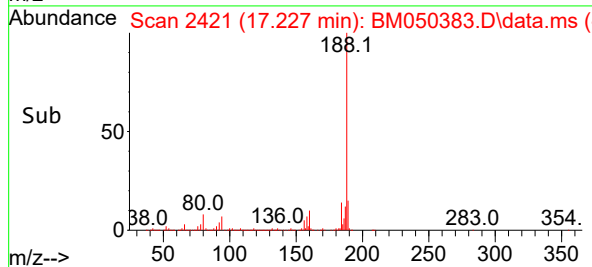
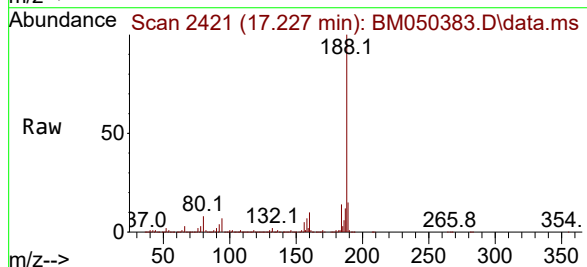
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

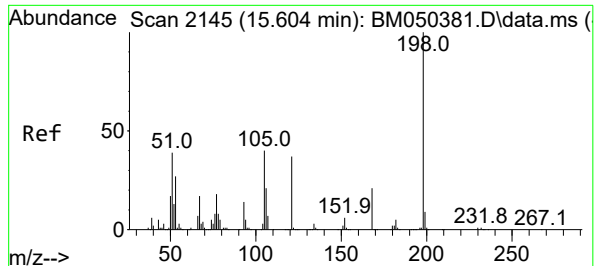
Tgt Ion: 77 Resp: 3812033
Ion Ratio Lower Upper
77 100
182 30.1 10.0 50.0
105 22.0 2.0 42.0
51 31.2 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 188 Resp: 1896999
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.0 6.5 9.7

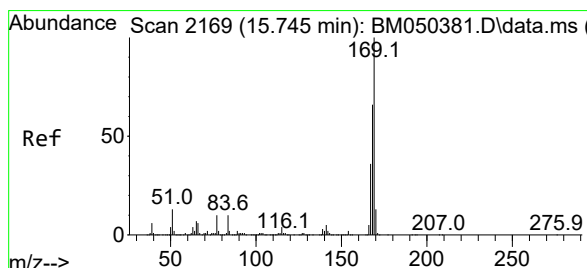
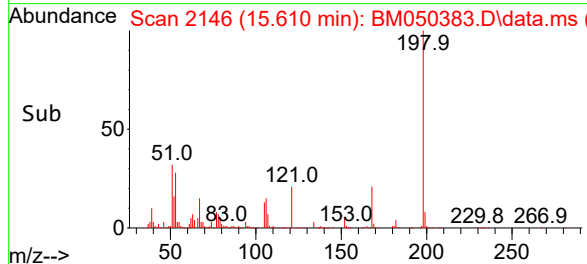
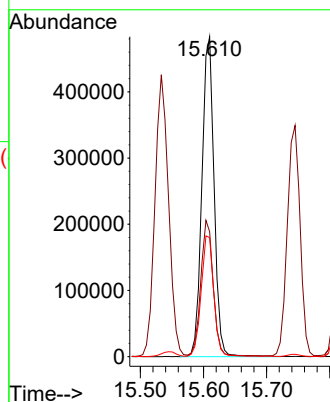
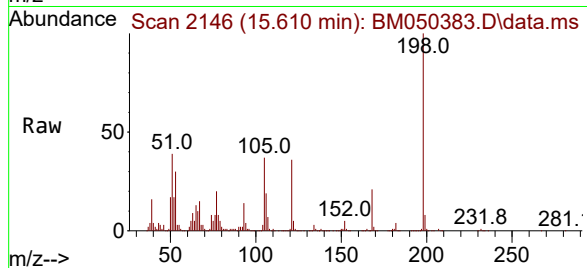




#65
4,6-Dinitro-2-methylphenol
Concen: 61.235 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

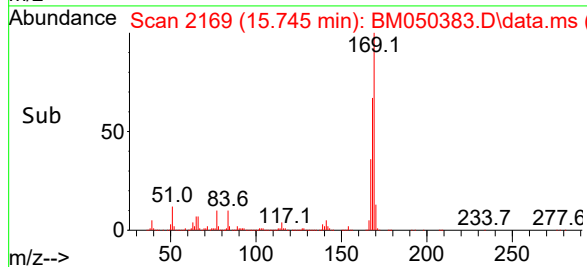
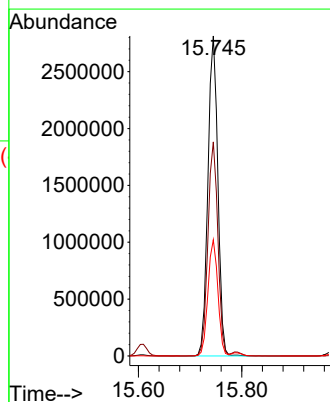
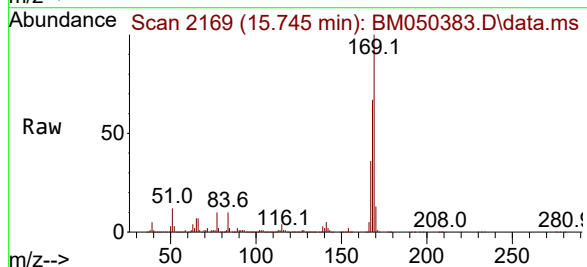
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

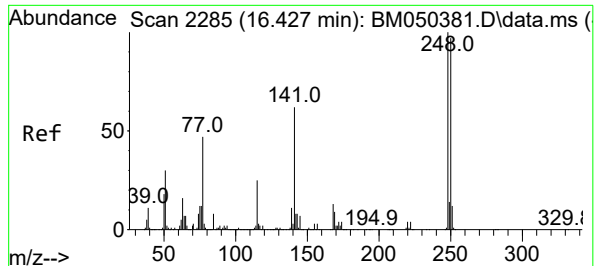
Tgt Ion:198 Resp: 645034
Ion Ratio Lower Upper
198 100
51 39.1 26.6 66.6
105 37.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 63.087 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:169 Resp: 3744872
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 28.7 43.1

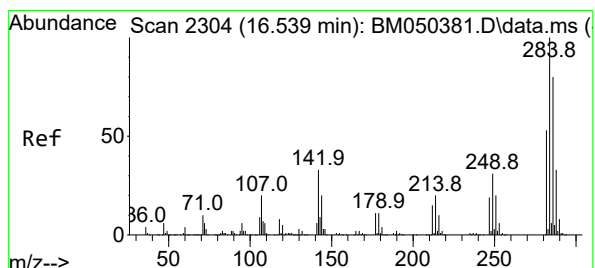
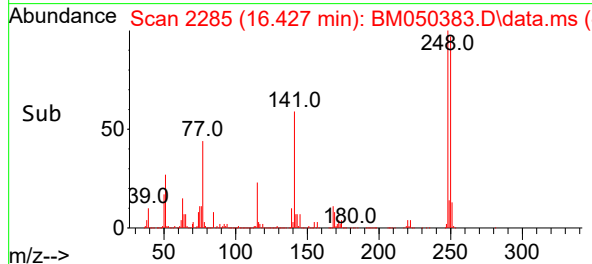
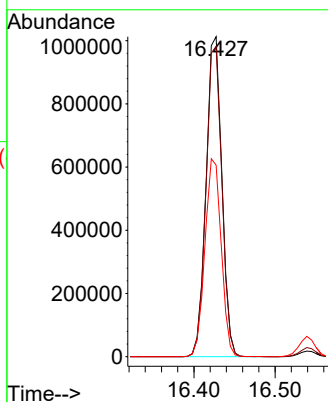
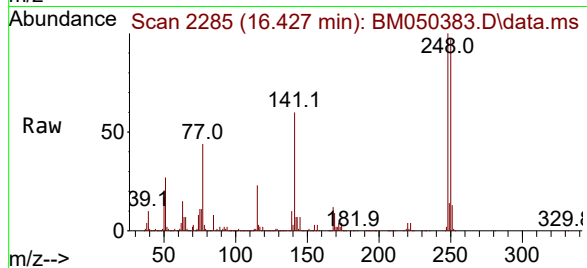




#67
4-Bromophenyl-phenylether
Concen: 65.485 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

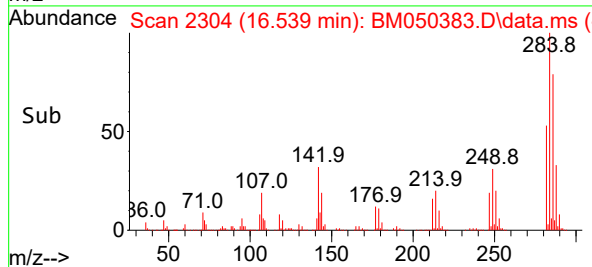
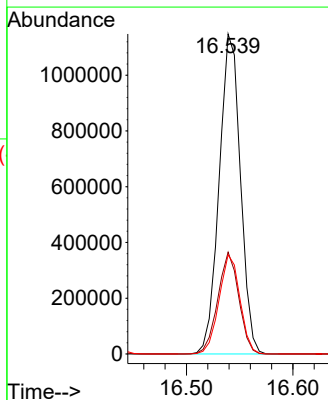
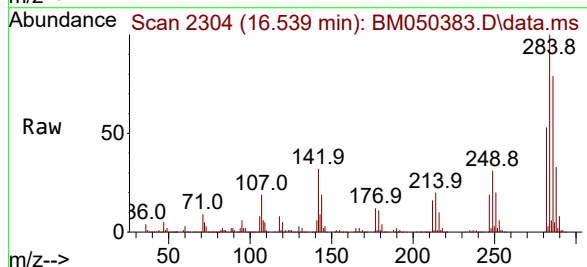
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

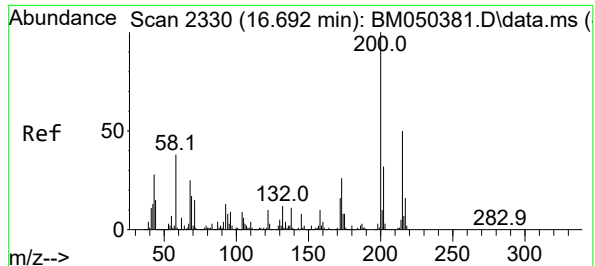
Tgt Ion:248 Resp: 1368680
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 59.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:284 Resp: 1586965
Ion Ratio Lower Upper
284 100
142 31.8 26.8 40.2
249 31.0 24.5 36.7

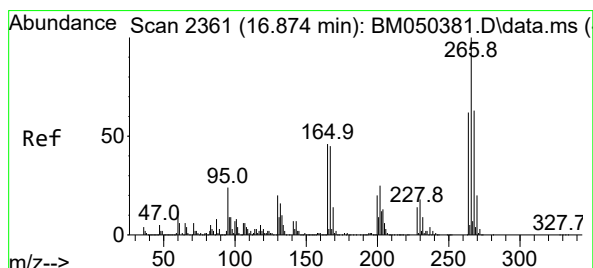
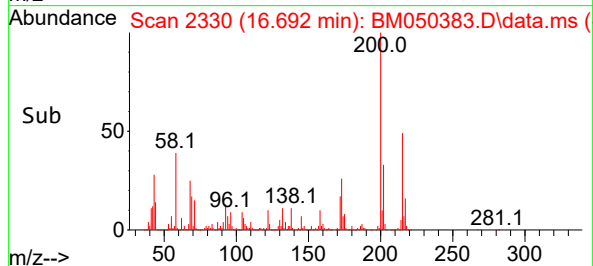
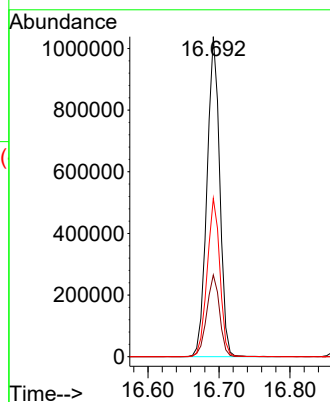
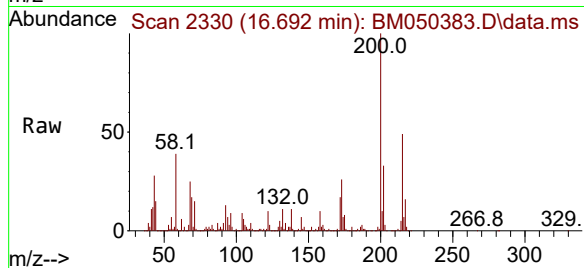




#69
Atrazine
Concen: 66.510 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

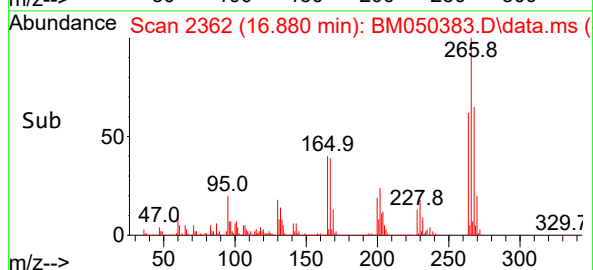
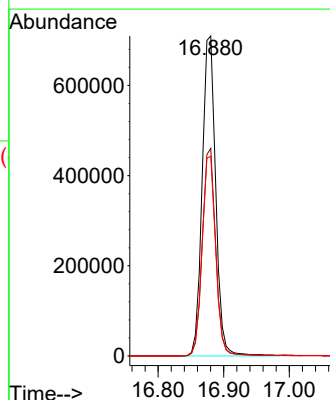
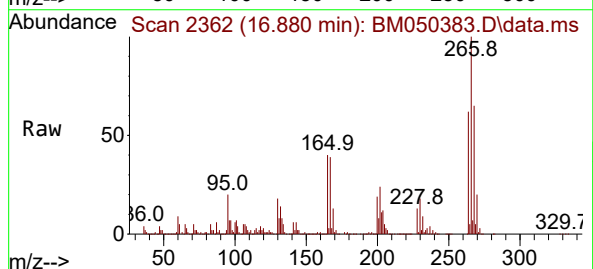
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

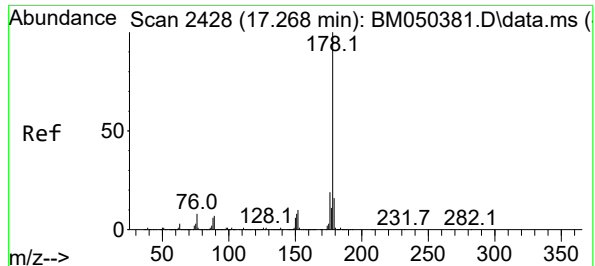
Tgt Ion:200 Resp: 1296405
Ion Ratio Lower Upper
200 100
173 25.5 5.6 45.6
215 49.5 29.6 69.6



#70
Pentachlorophenol
Concen: 66.535 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:266 Resp: 1022433
Ion Ratio Lower Upper
266 100
268 64.9 50.5 75.7
264 62.5 49.9 74.9

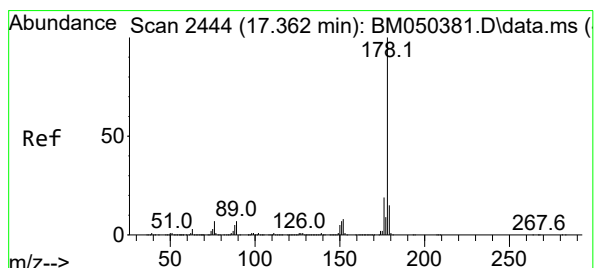
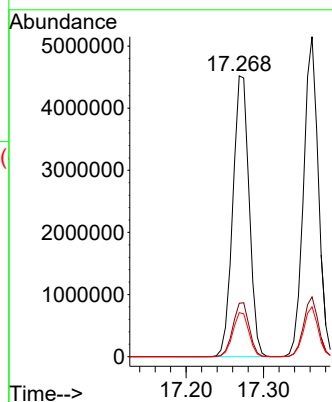
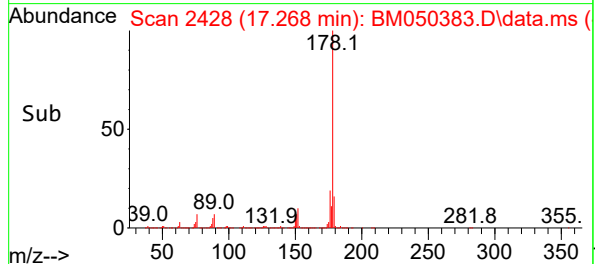
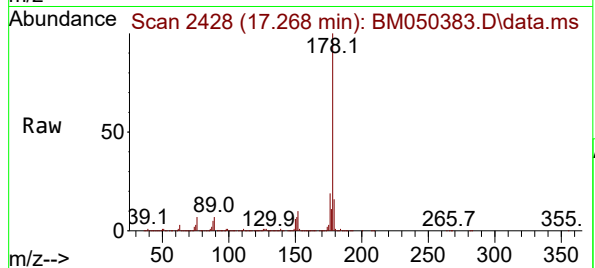




#71
Phenanthrene
Concen: 61.658 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

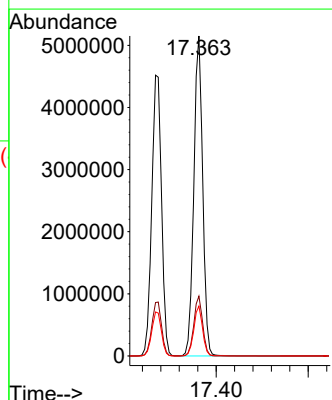
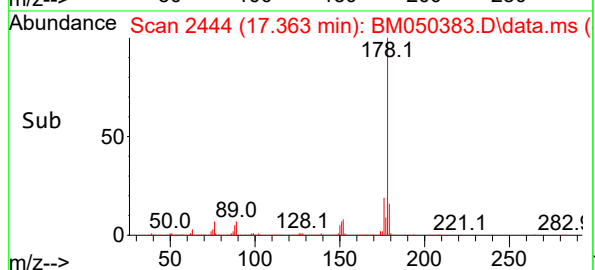
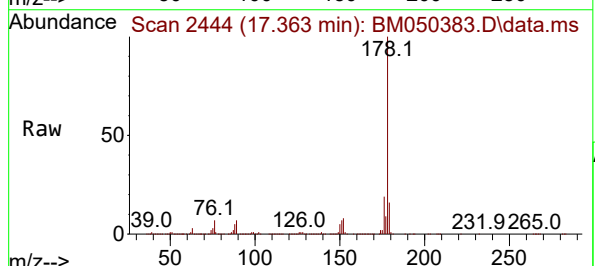
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

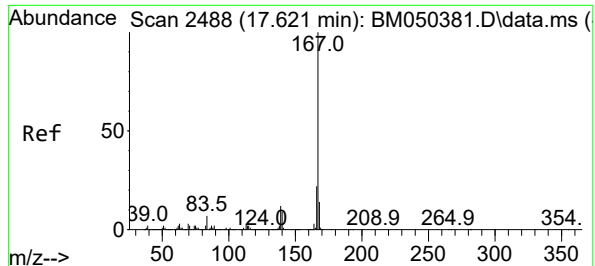
Tgt Ion:178 Resp: 6618592
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.5 18.7



#72
Anthracene
Concen: 64.102 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:178 Resp: 6849285
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.2 18.4

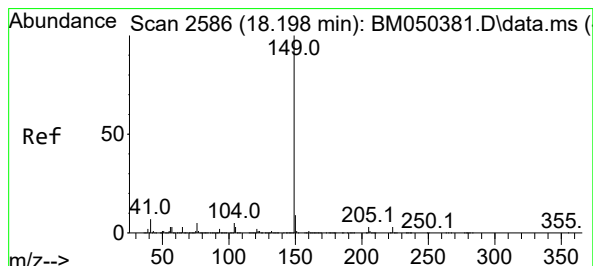
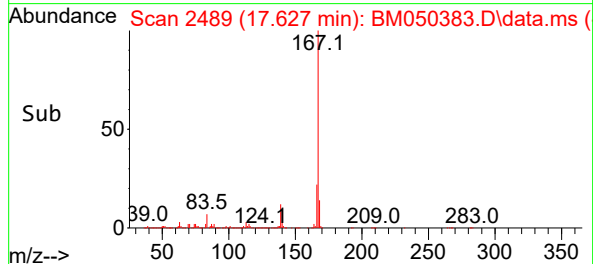
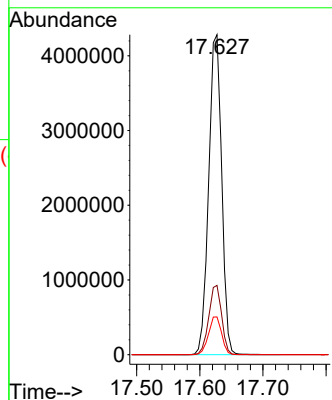
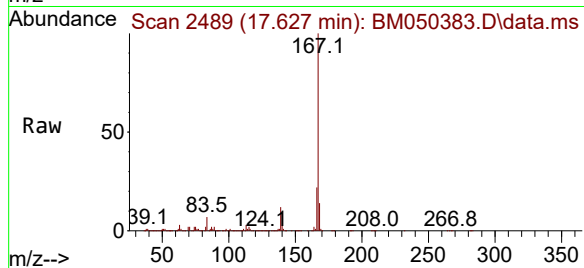




#73
Carbazole
Concen: 63.161 ng
RT: 17.627 min Scan# 2488
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

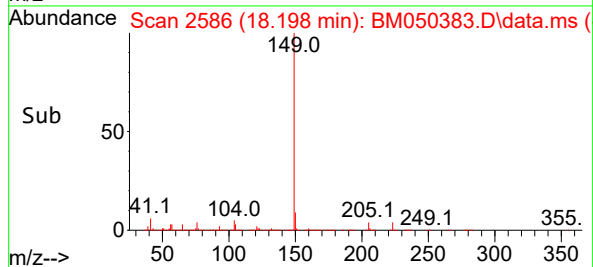
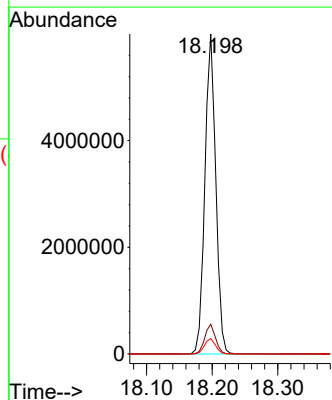
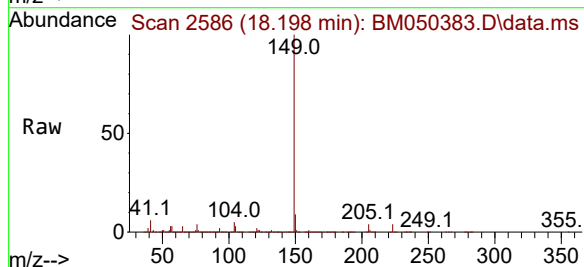
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

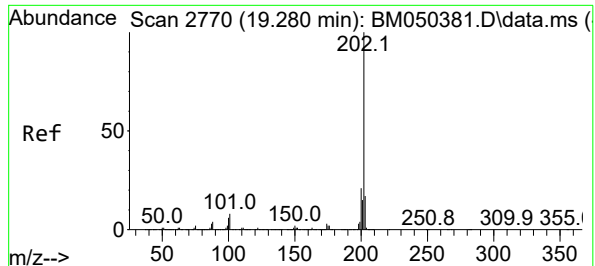
Tgt Ion:167 Resp: 6106388
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 11.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 65.398 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 6920453
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.9 5.9

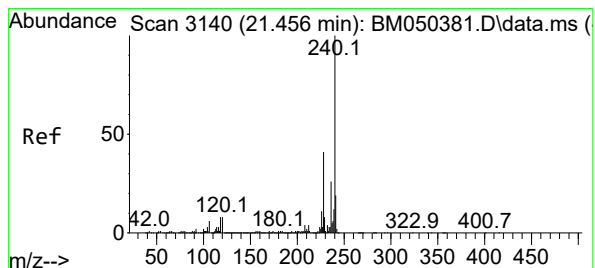
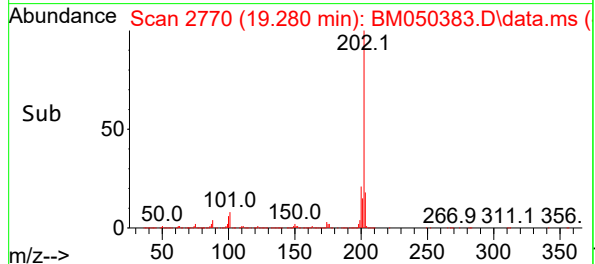
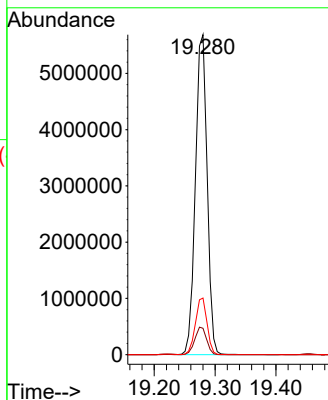
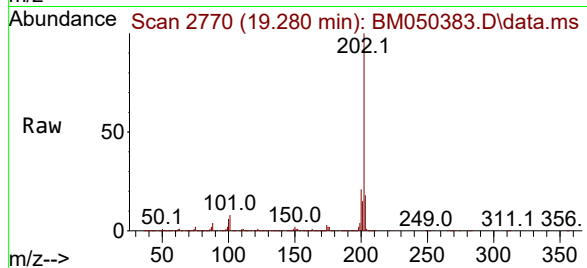




#75
Fluoranthene
Concen: 65.290 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

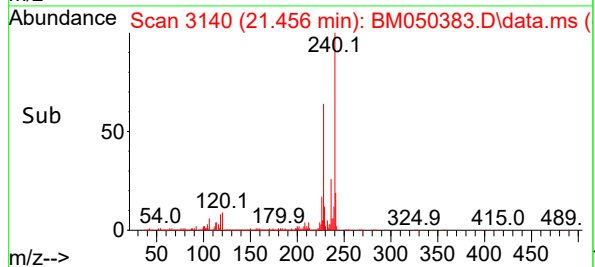
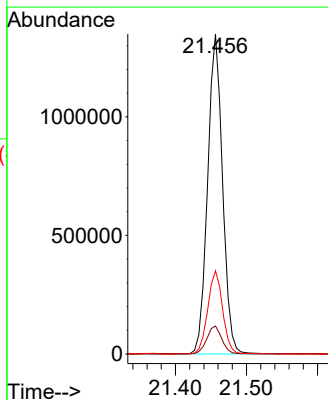
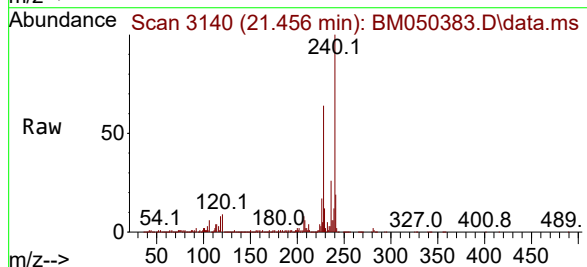
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

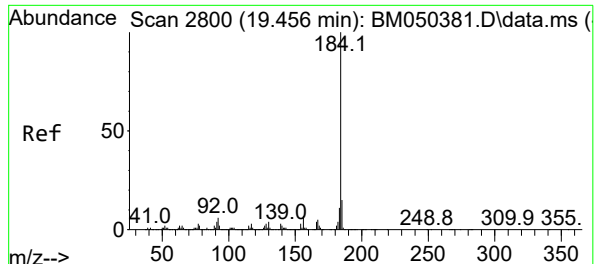
Tgt Ion:202 Resp: 7618952
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:240 Resp: 1968054
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.0 20.7 31.1

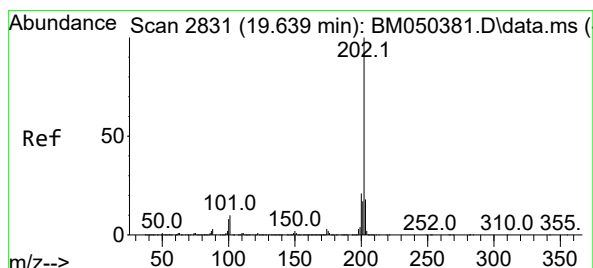
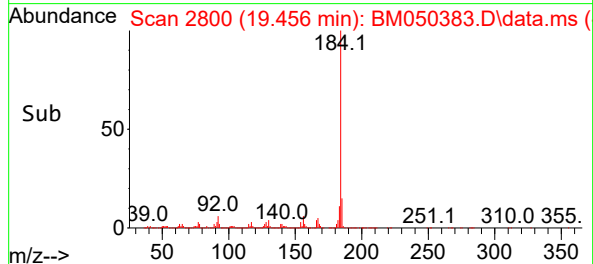
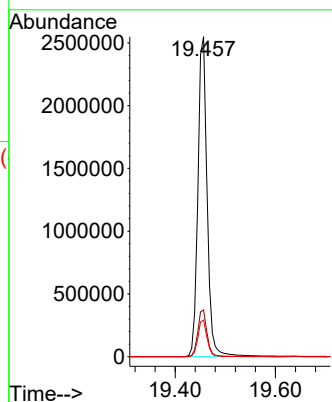
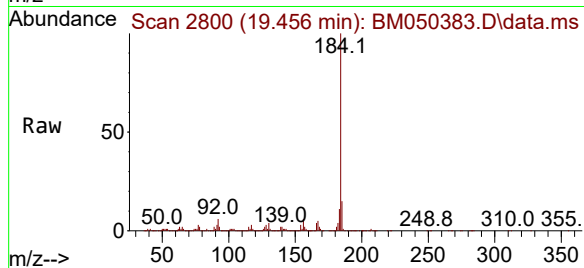




#77
Benzidine
Concen: 64.872 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

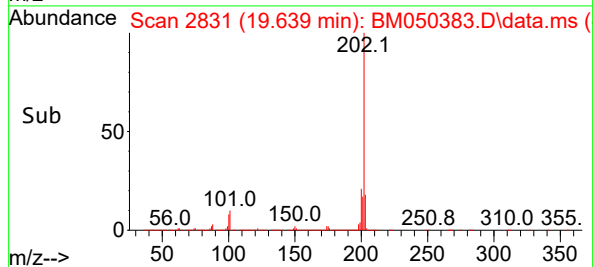
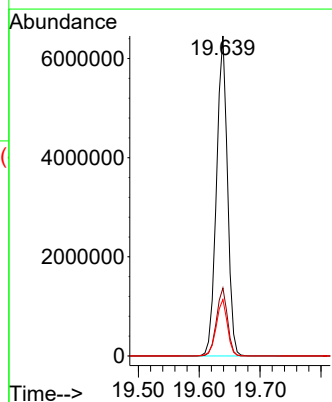
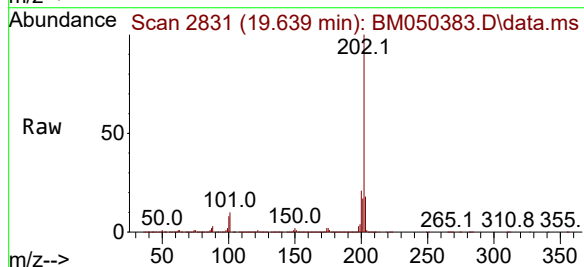
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

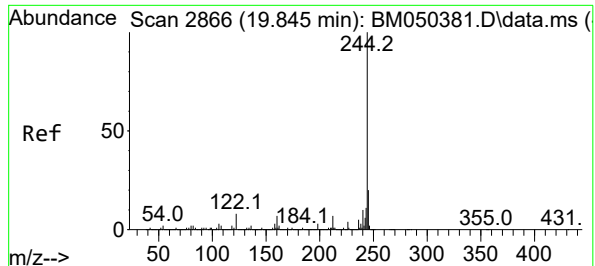
Tgt Ion:184 Resp: 3256422
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.5 9.0 13.6



#78
Pyrene
Concen: 64.009 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:202 Resp: 8067941
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 14.1 21.1

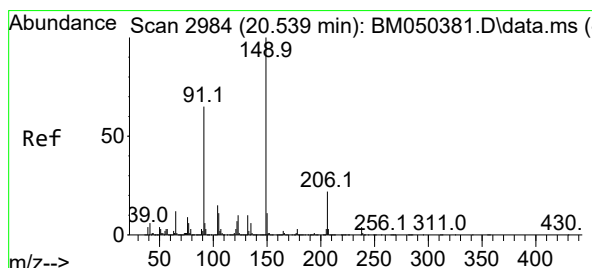
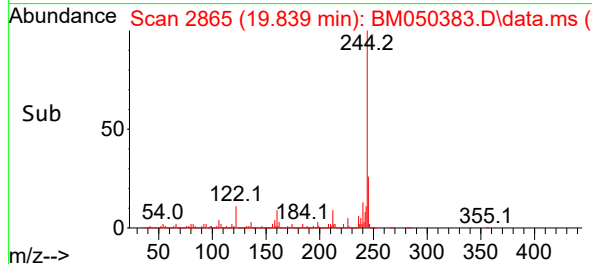
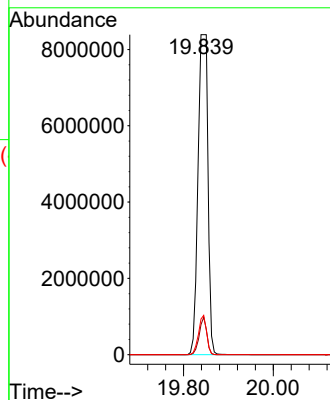
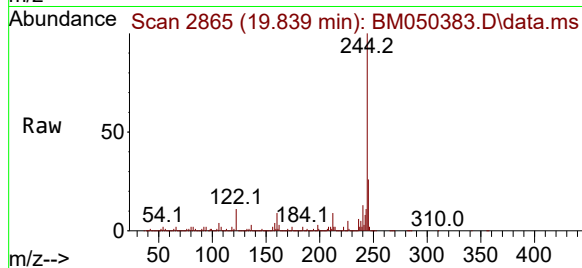




#79
Terphenyl-d14
Concen: 115.460 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

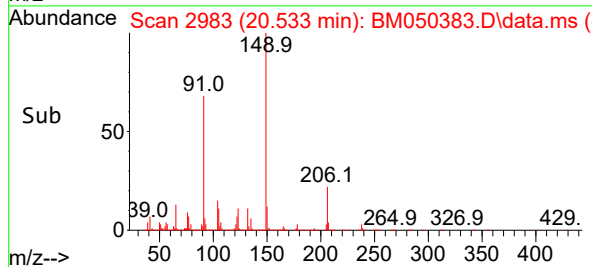
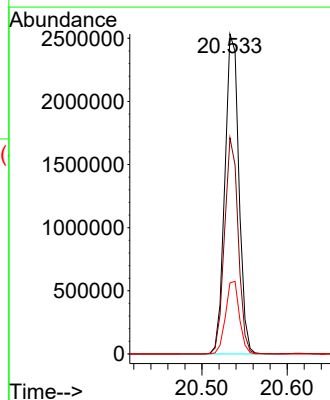
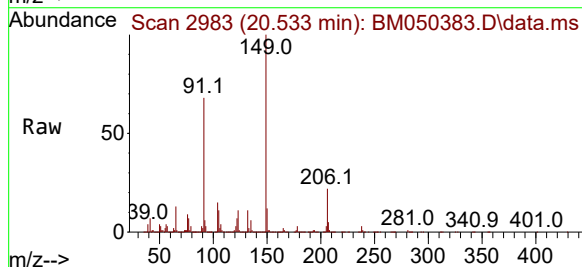
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

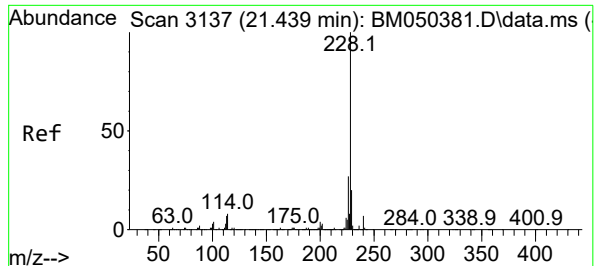
Tgt Ion:244 Resp:12914894
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 11.2 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 69.782 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 2900200
Ion Ratio Lower Upper
149 100
91 67.6 51.6 77.4
206 22.2 17.8 26.8

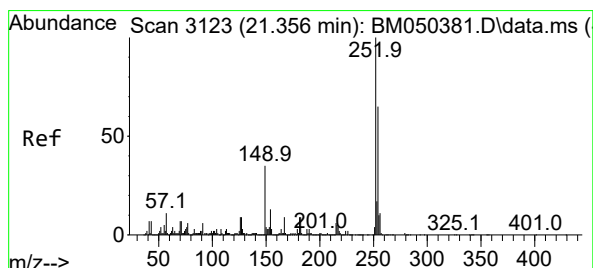
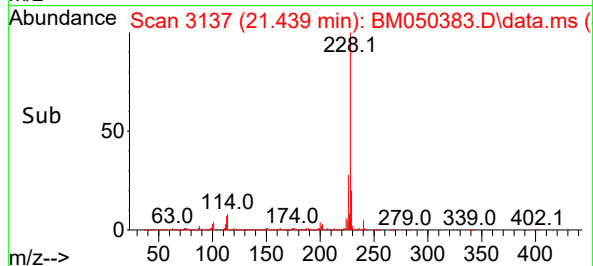
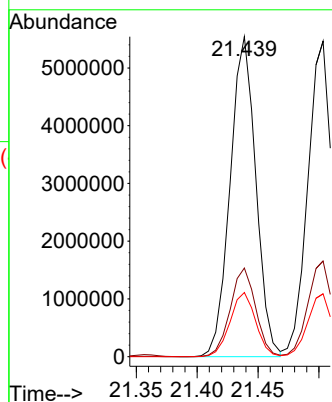
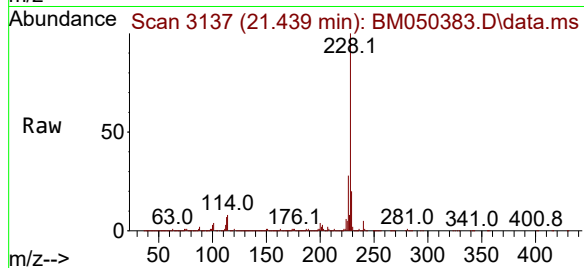




#81
Benzo(a)anthracene
Concen: 63.495 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

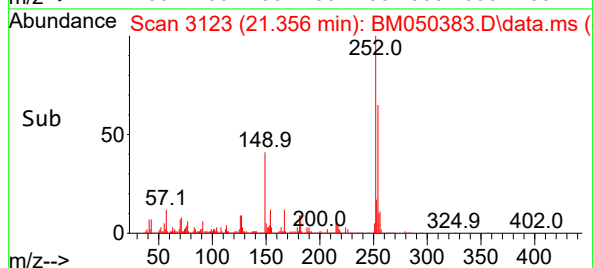
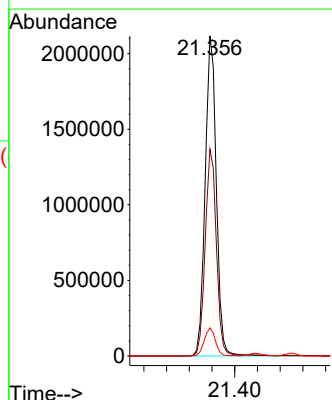
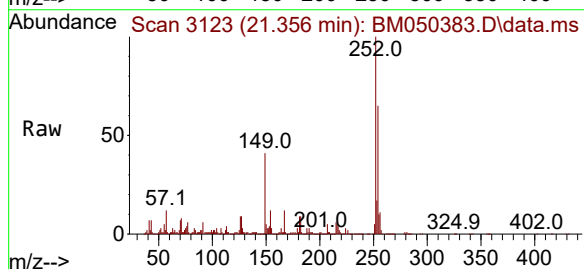
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

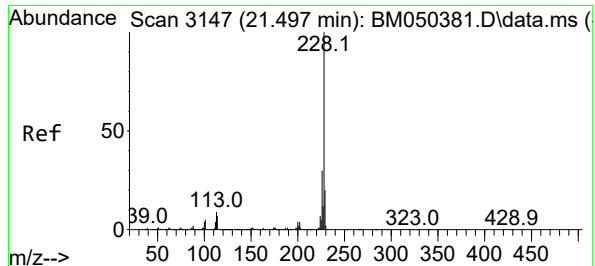
Tgt Ion:228 Resp: 8142088
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 66.553 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 2878037
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 8.8 7.3 10.9

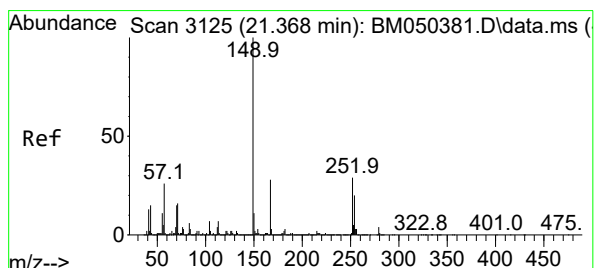
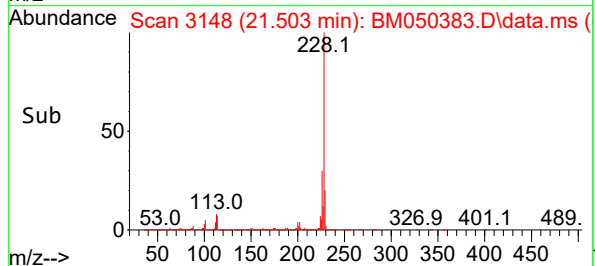
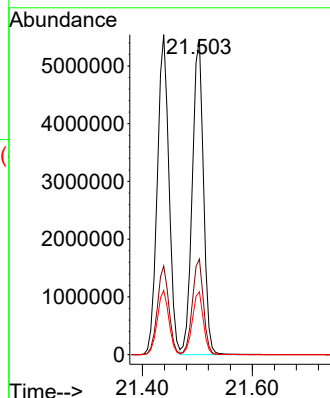
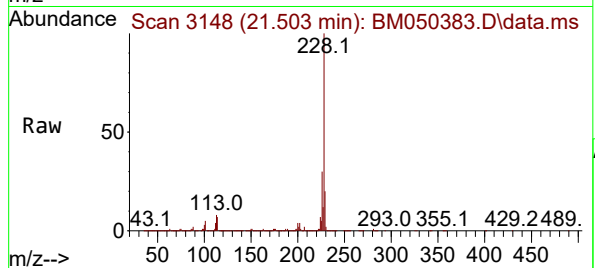




#83
Chrysene
Concen: 63.587 ng
RT: 21.503 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

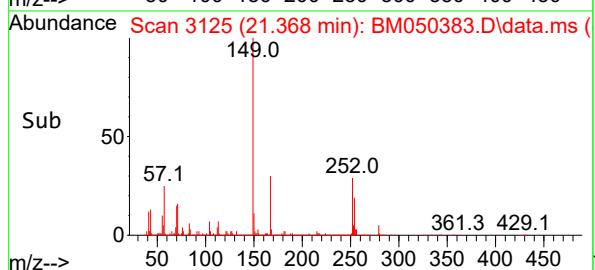
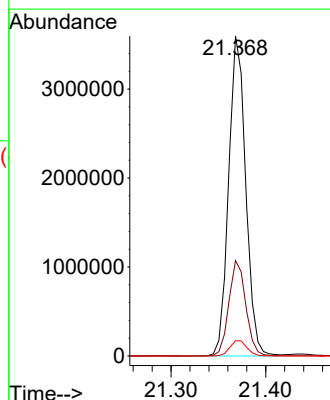
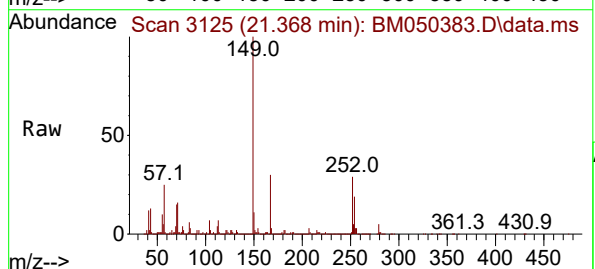
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

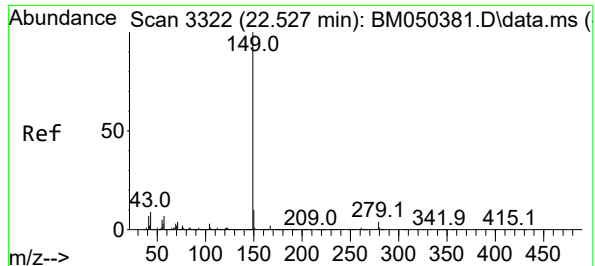
Tgt Ion:228 Resp: 7690956
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.268 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4504059
Ion Ratio Lower Upper
149 100
167 29.8 22.7 34.1
279 4.7 3.5 5.3

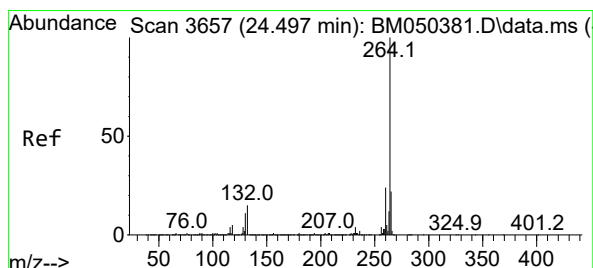
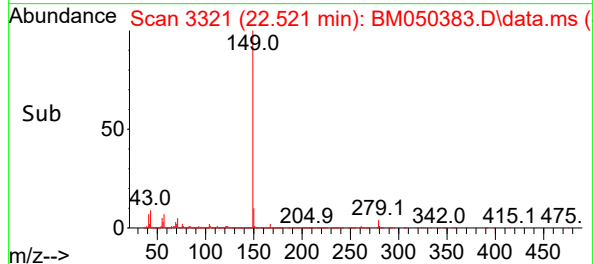
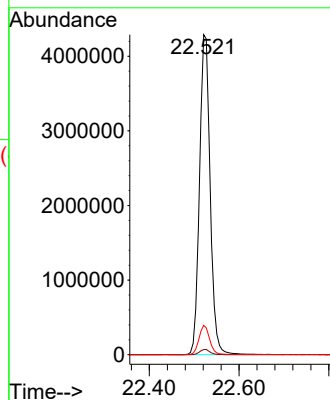
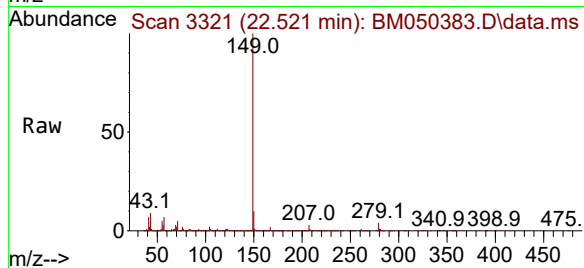




#85
Di-n-octyl phthalate
Concen: 68.206 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

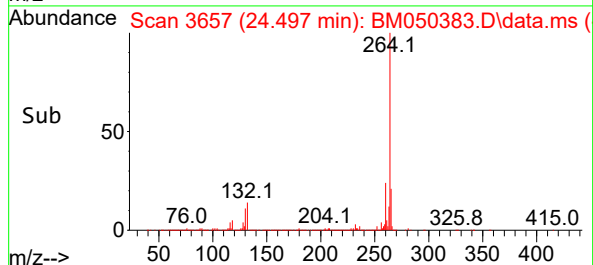
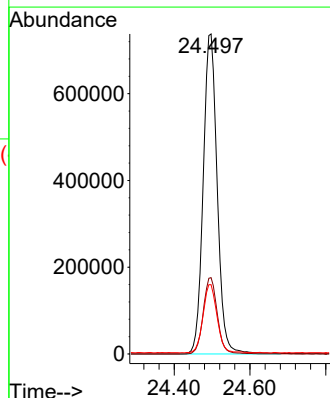
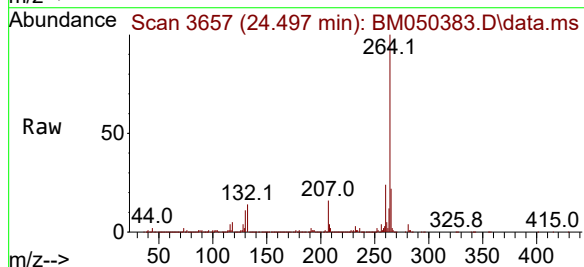
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

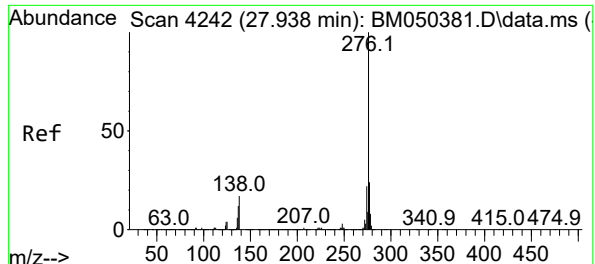
Tgt Ion:149 Resp: 7047940
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:264 Resp: 1889317
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.8 26.6

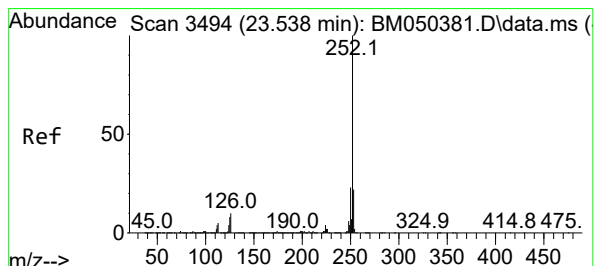
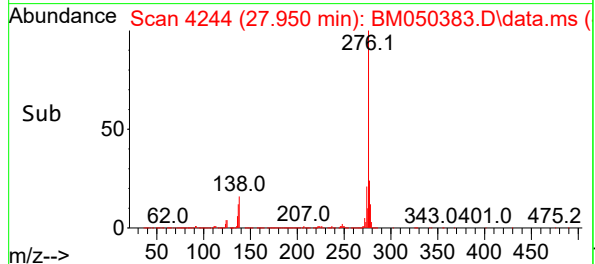
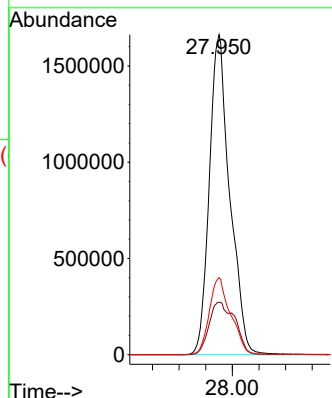
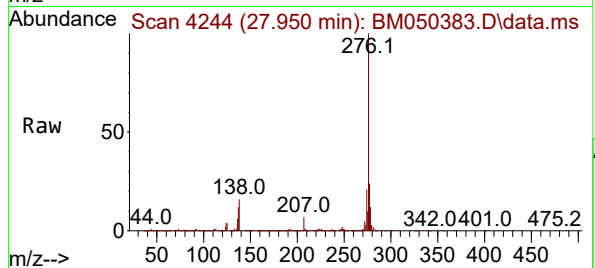




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.007 ng
RT: 27.950 min Scan# 4244
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

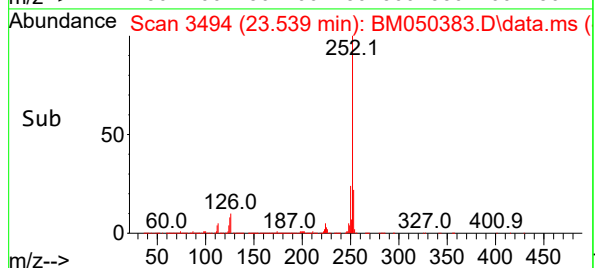
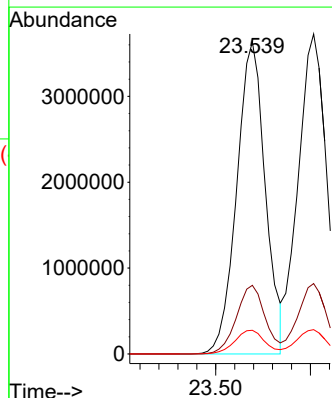
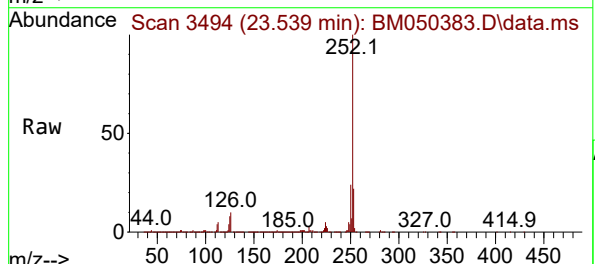
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

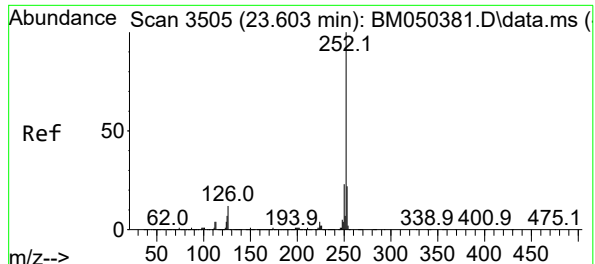
Tgt Ion:276 Resp: 8866549
Ion Ratio Lower Upper
276 100
138 20.9 17.0 25.6
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 65.548 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7617485
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 65.192 ng

RT: 23.603 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

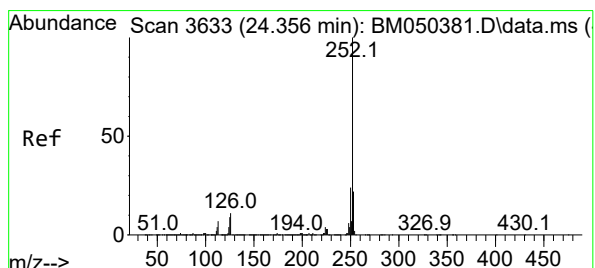
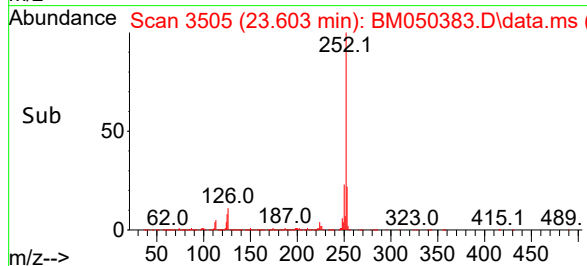
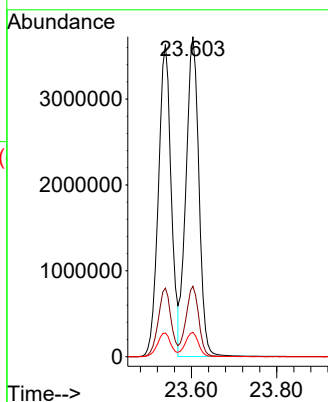
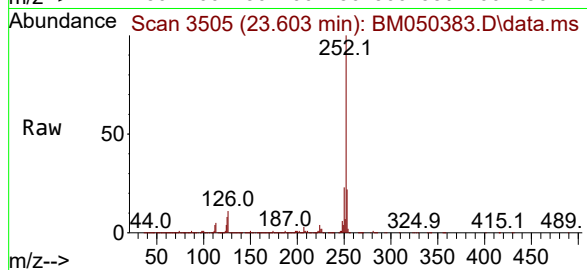
Tgt Ion:252 Resp: 7861158

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.6 6.2 9.2



#90

Benzo(a)pyrene

Concen: 66.744 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

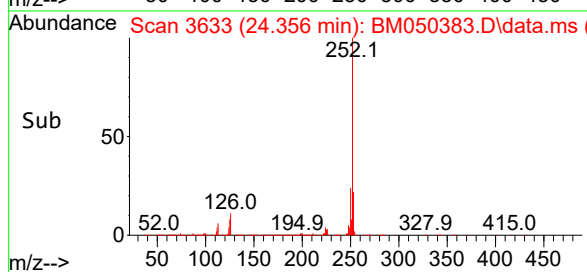
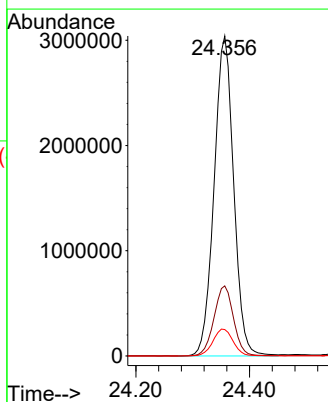
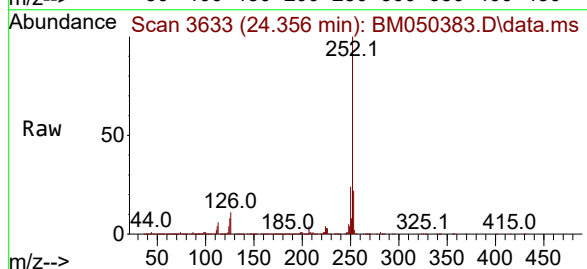
Tgt Ion:252 Resp: 7260855

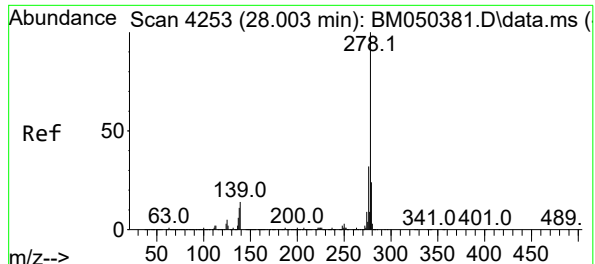
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 66.155 ng

RT: 28.009 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

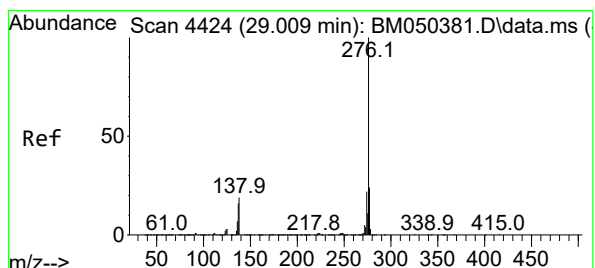
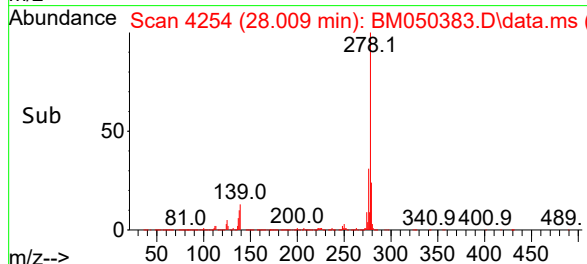
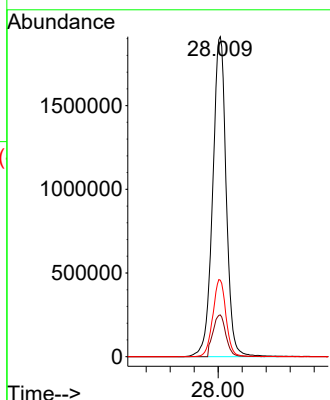
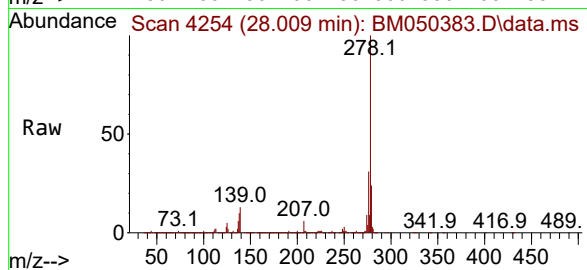
Tgt Ion:278 Resp: 7483970

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 65.319 ng

RT: 29.021 min Scan# 4426

Delta R.T. 0.012 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

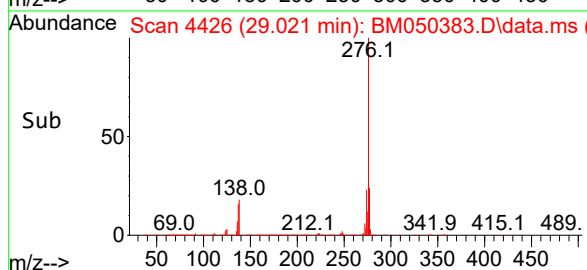
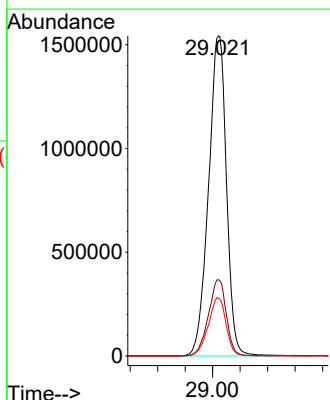
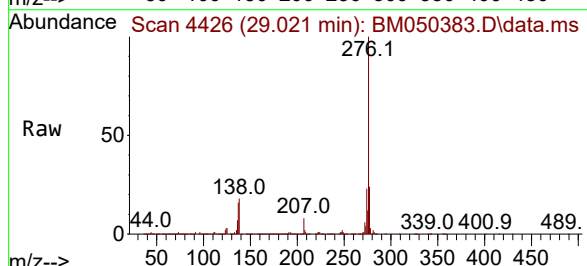
Tgt Ion:276 Resp: 6983867

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.1 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050384.D
 Acq On : 08 Jul 2025 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 08 18:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429681	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1643859	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1043719	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1944455	20.000	ng	0.00
76) Chrysene-d12	21.457	240	2055292	20.000	ng	0.00
86) Perylene-d12	24.498	264	1953481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4014825	160.835	ng	0.00
7) Phenol-d6	7.028	99	5149049	163.630	ng	0.00
23) Nitrobenzene-d5	9.028	82	5264647	163.391	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	2335664	184.182	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	13148691	155.576	ng	0.00
79) Terphenyl-d14	19.839	244	14435460	123.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	785309	76.507	ng	99
3) Pyridine	3.734	79	2123609	78.804	ng	98
4) n-Nitrosodimethylamine	3.640	42	970223	77.228	ng	96
6) Aniline	7.193	93	3301305	81.748	ng	99
8) 2-Chlorophenol	7.428	128	2162654	82.163	ng	99
10) Phenol	7.052	94	2637766	80.368	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	2092911	79.625	ng	99
12) 1,3-Dichlorobenzene	7.757	146	2517372	78.654	ng	98
13) 1,4-Dichlorobenzene	7.904	146	2555213	78.187	ng	99
14) 1,2-Dichlorobenzene	8.222	146	2454039	78.434	ng	99
15) Benzyl Alcohol	8.104	79	1807870	81.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	2991629	77.270	ng	99
17) 2-Methylphenol	8.304	107	1732716	81.397	ng	99
18) Hexachloroethane	8.951	117	932539	81.135	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	1587587	83.281	ng	95
20) 3+4-Methylphenols	8.634	107	2300155	80.491	ng	100
22) Acetophenone	8.687	105	3217324	78.279	ng	98
24) Nitrobenzene	9.063	77	2296616	79.875	ng	100
25) Isophorone	9.598	82	4289620	82.044	ng	100
26) 2-Nitrophenol	9.775	139	1095059	93.448	ng	97
27) 2,4-Dimethylphenol	9.834	122	2026460	81.267	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	2760921	79.691	ng	99
29) 2,4-Dichlorophenol	10.310	162	2134843	83.334	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	2483928	81.052	ng	99
31) Naphthalene	10.716	128	6520664	78.095	ng	100
32) Benzoic acid	9.993	122	1311597	81.001	ng	97
33) 4-Chloroaniline	10.816	127	2873151	81.395	ng	99
34) Hexachlorobutadiene	11.010	225	1546563	82.684	ng	100
35) Caprolactam	11.604	113	594080	84.949	ng	93
36) 4-Chloro-3-methylphenol	11.940	107	1983864	82.929	ng	100
37) 2-Methylnaphthalene	12.322	142	4254768	80.705	ng	99
38) 1-Methylnaphthalene	12.545	142	4475032	80.207	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2824950	85.112	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1914528	90.239	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1782842	87.263	ng	99
44) 2,4,5-Trichlorophenol	12.998	196	1919360	86.021	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050384.D
 Acq On : 08 Jul 2025 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 08 18:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

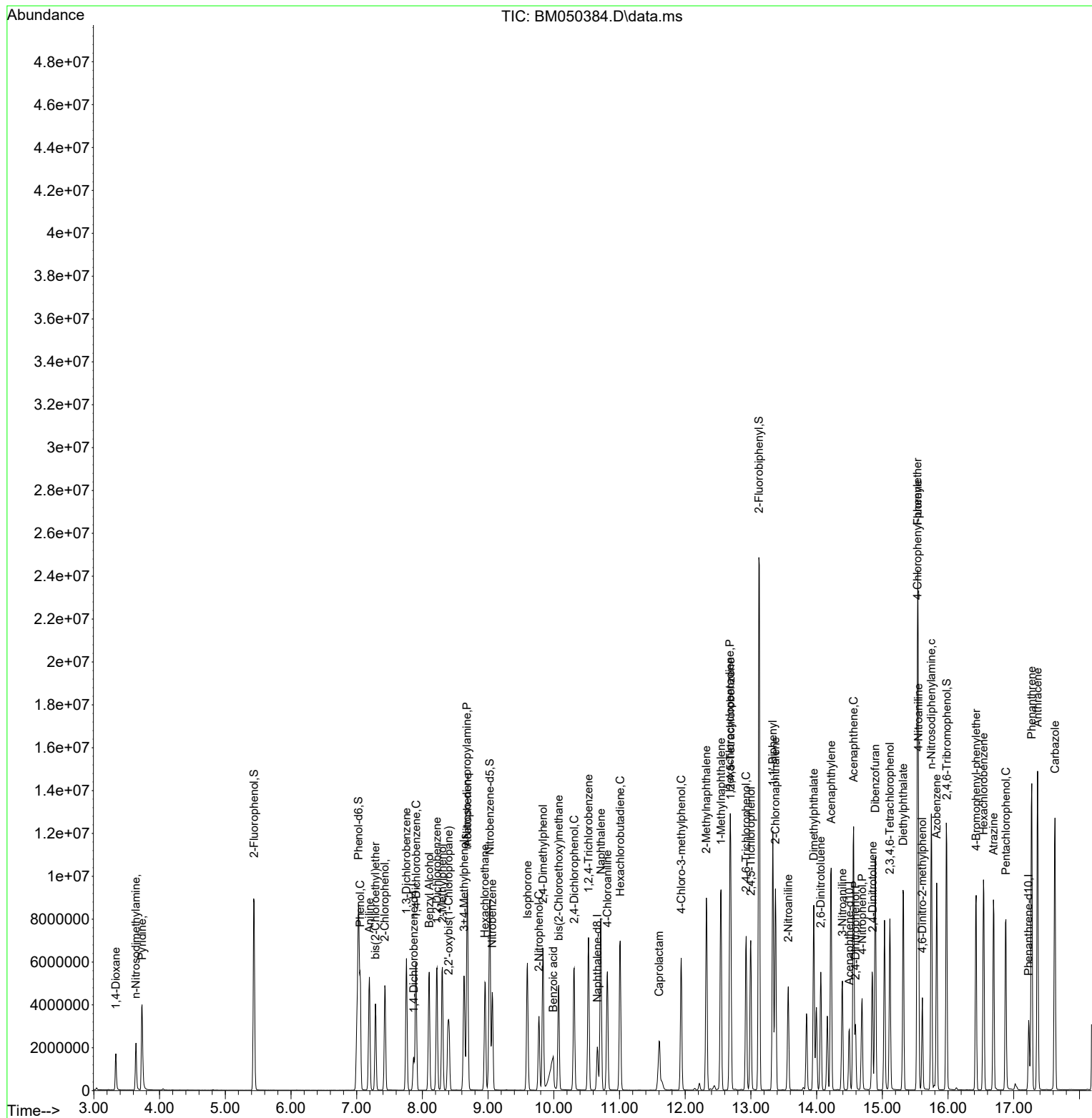
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.334	154	6141549	79.310	ng	100
47) 2-Chloronaphthalene	13.375	162	4889665	79.196	ng	99
48) 2-Nitroaniline	13.569	65	1233222	89.485	ng	96
49) Acenaphthylene	14.222	152	7559726	81.019	ng	100
50) Dimethylphthalate	13.957	163	5732691	79.779	ng	100
51) 2,6-Dinitrotoluene	14.063	165	1207179	87.496	ng	99
52) Acenaphthene	14.563	154	4833886	81.486	ng	99
53) 3-Nitroaniline	14.392	138	1297724	88.444	ng	99
54) 2,4-Dinitrophenol	14.592	184	626569	82.116	ng	86
55) Dibenzofuran	14.892	168	7143343	78.152	ng	99
56) 4-Nitrophenol	14.692	139	1075848	85.262	ng	93
57) 2,4-Dinitrotoluene	14.851	165	1674329	79.189	ng	94
58) Fluorene	15.539	166	6138107	81.530	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1636646	87.136	ng	97
60) Diethylphthalate	15.316	149	5511226	80.291	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	3298863	83.798	ng	98
62) 4-Nitroaniline	15.551	138	1336300	77.536	ng	97
63) Azobenzene	15.828	77	5026045	79.741	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	912781	82.140	ng	92
66) n-Nitrosodiphenylamine	15.745	169	5086187	83.592	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	1878071	87.664	ng	97
68) Hexachlorobenzene	16.539	284	2164238	85.534	ng	97
69) Atrazine	16.692	200	1767182	88.450	ng	99
70) Pentachlorophenol	16.880	266	1425059	90.473	ng	99
71) Phenanthrene	17.274	178	8893346	80.828	ng	99
72) Anthracene	17.363	178	9167986	83.709	ng	99
73) Carbazole	17.627	167	8180242	82.547	ng	99
74) Di-n-butylphthalate	18.198	149	9300935	85.749	ng	99
75) Fluoranthene	19.280	202	10317307	86.256	ng	99
77) Benzidine	19.457	184	3817410	72.819	ng	100
78) Pyrene	19.639	202	10818153	82.185	ng	99
80) Butylbenzylphthalate	20.539	149	3938114	90.734	ng	97
81) Benzo(a)anthracene	21.439	228	11055858	82.558	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	3825108	84.699	ng	99
83) Chrysene	21.504	228	10270454	81.310	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	6100517	88.540	ng	# 96
85) Di-n-octyl phthalate	22.527	149	9722259	90.093	ng	99
87) Indeno(1,2,3-cd)pyrene	27.956	276	12120915	87.270	ng	99
88) Benzo(b)fluoranthene	23.545	252	10371642	86.316	ng	99
89) Benzo(k)fluoranthene	23.609	252	10546917	84.592	ng	100
90) Benzo(a)pyrene	24.362	252	9879526	87.833	ng	100
91) Dibenzo(a,h)anthracene	28.015	278	10165335	86.905	ng	99
92) Benzo(g,h,i)perylene	29.027	276	9504954	85.979	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

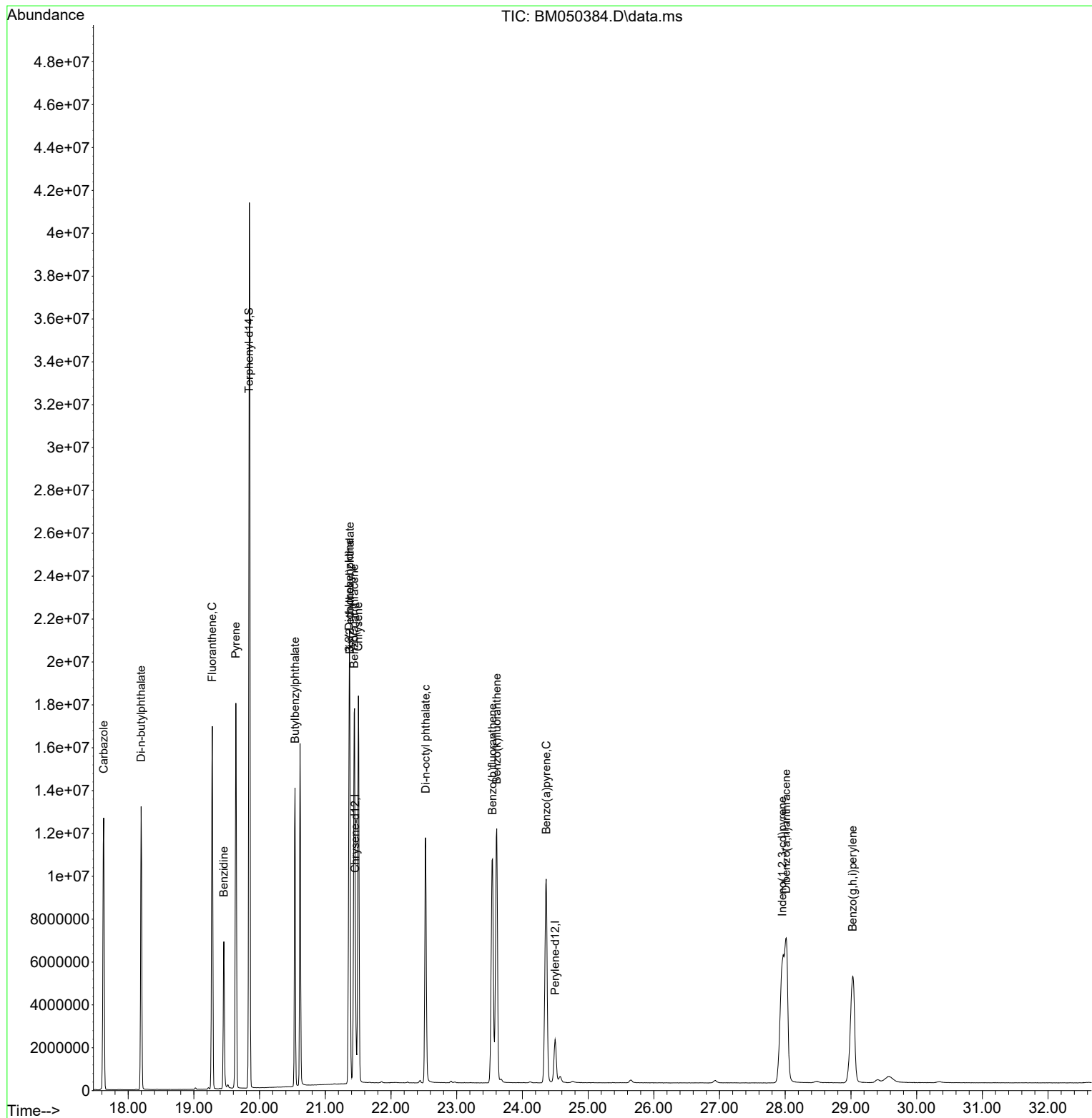
Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

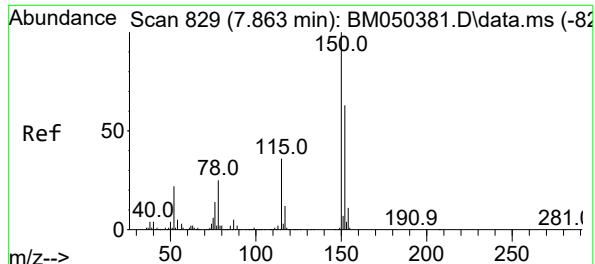


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

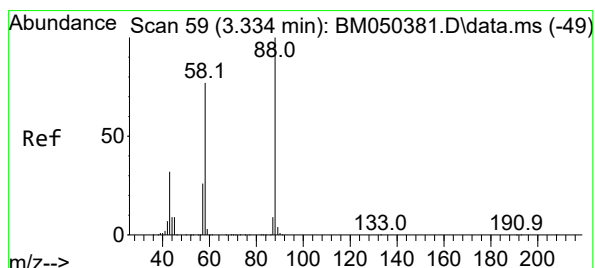
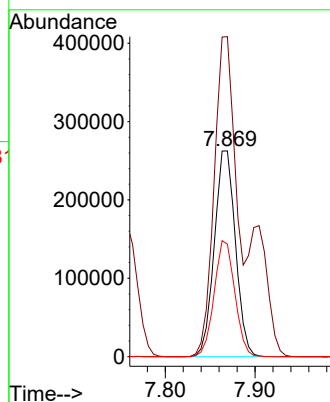
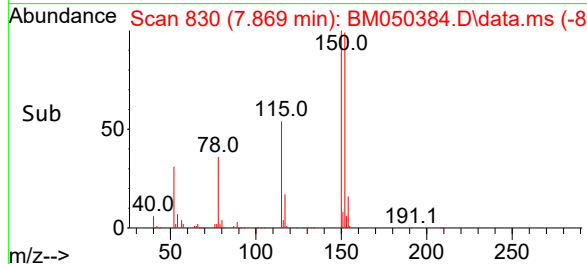
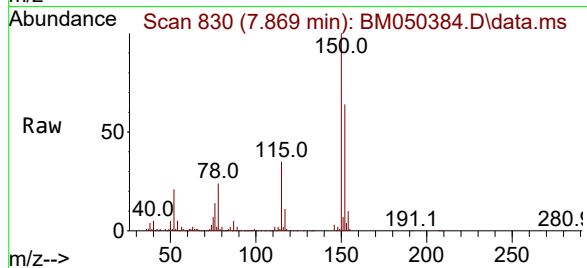




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

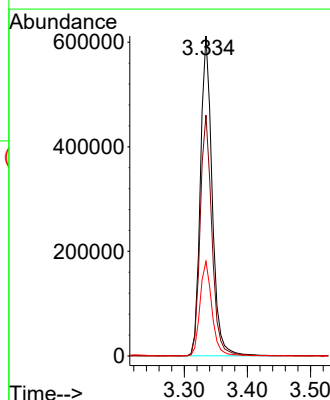
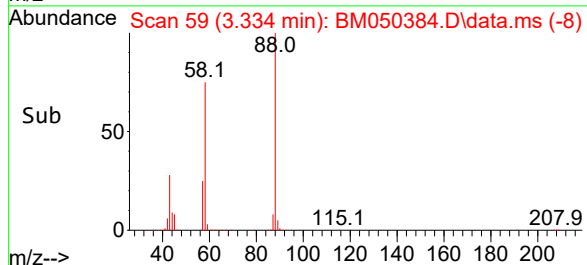
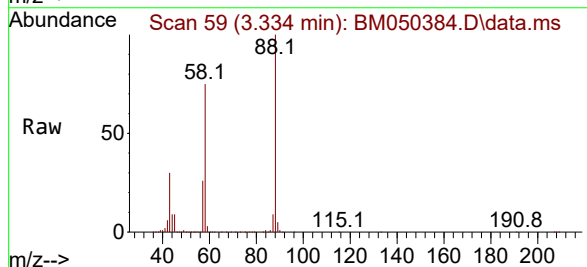
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

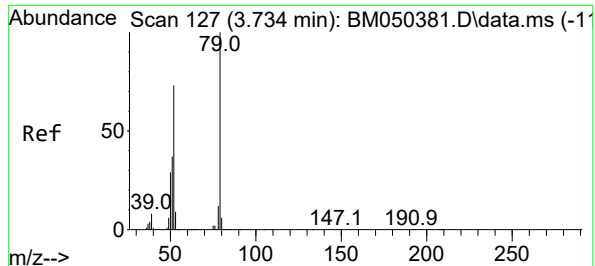
Tgt Ion:152 Resp: 429681
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 54.7 45.8 68.8



#2
1,4-Dioxane
Concen: 76.507 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 88 Resp: 785309
Ion Ratio Lower Upper
88 100
58 75.7 61.0 91.6
43 30.0 24.6 37.0

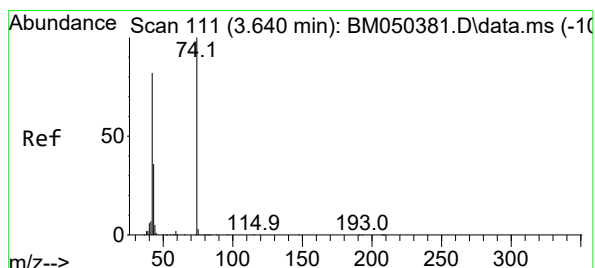
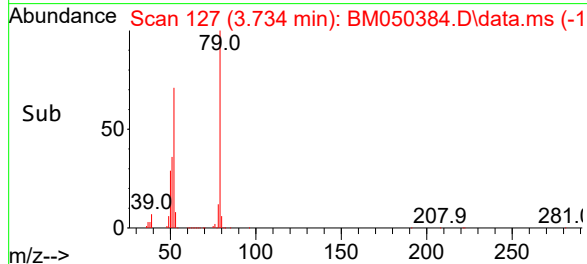
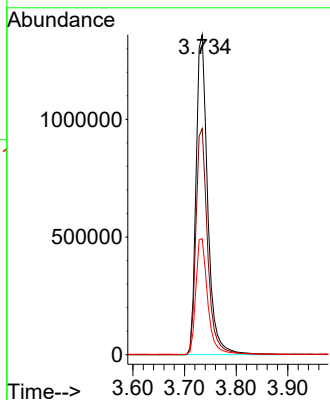
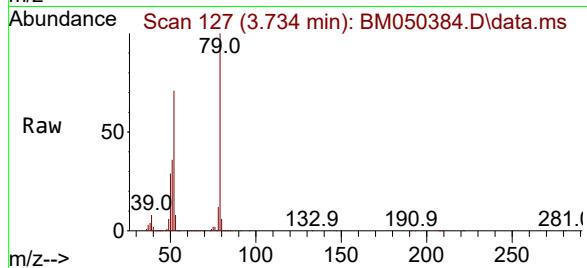




#3
Pyridine
Concen: 78.804 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

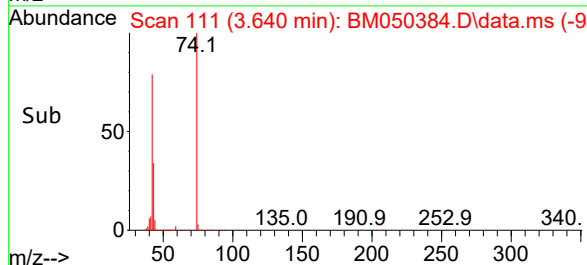
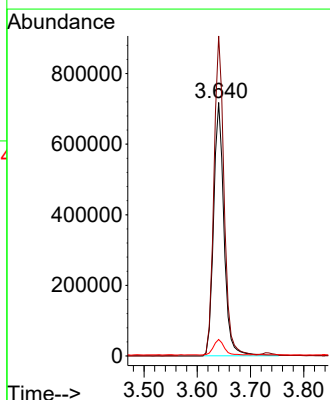
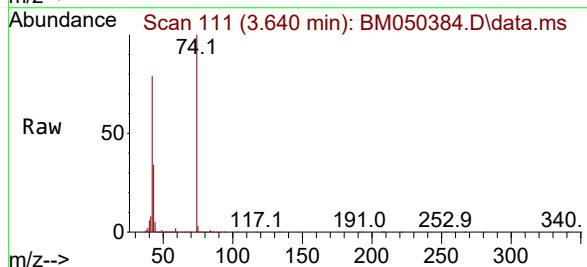
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

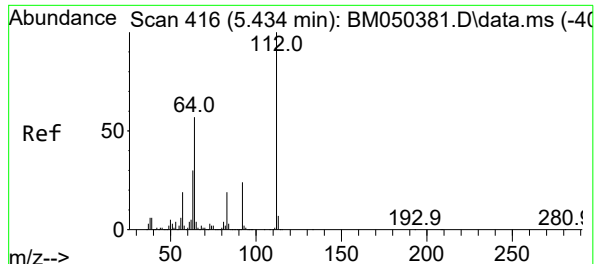
Tgt Ion: 79 Resp: 2123609
Ion Ratio Lower Upper
79 100
52 70.7 58.3 87.5
51 36.2 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 77.228 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 42 Resp: 970223
Ion Ratio Lower Upper
42 100
74 126.3 97.5 146.3
44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 160.835 ng

RT: 5.440 min Scan# 416

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

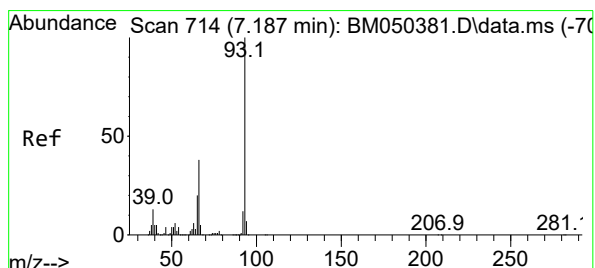
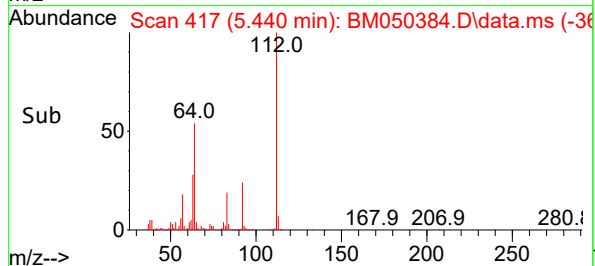
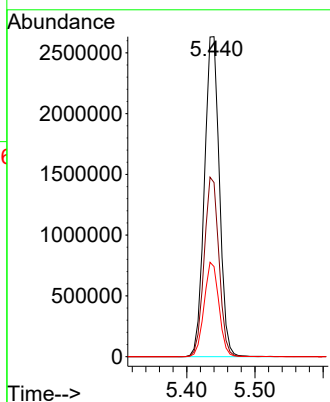
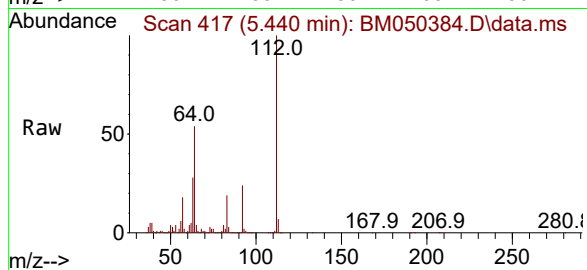
Tgt Ion:112 Resp: 4014825

Ion Ratio Lower Upper

112 100

64 54.4 45.5 68.3

63 28.1 24.2 36.4



#6

Aniline

Concen: 81.748 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

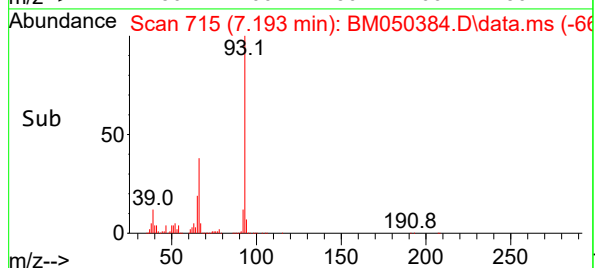
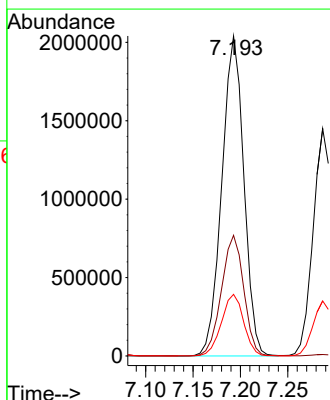
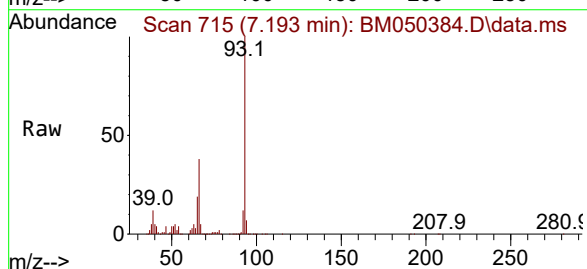
Tgt Ion: 93 Resp: 3301305

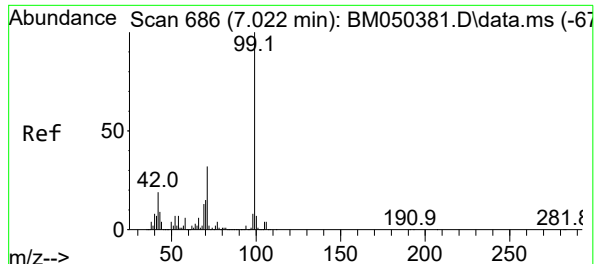
Ion Ratio Lower Upper

93 100

66 37.7 30.5 45.7

65 19.2 15.9 23.9

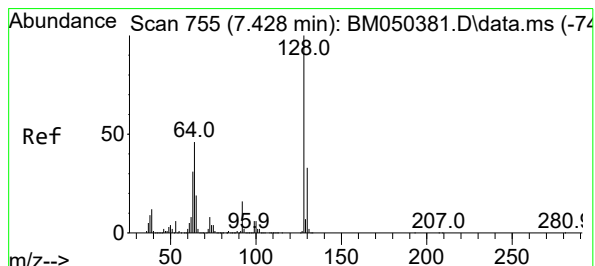
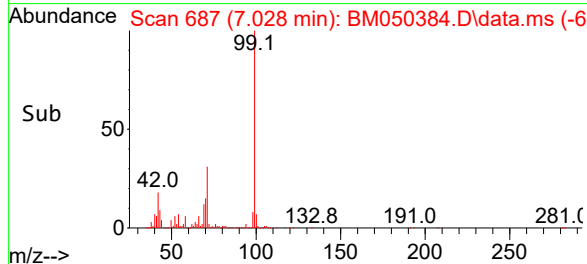
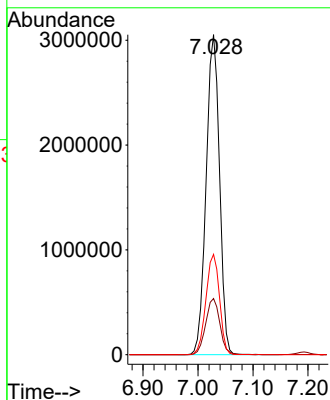
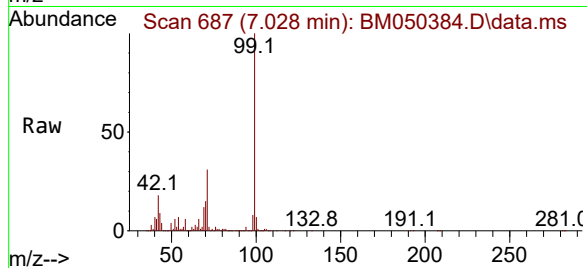




#7
Phenol-d6
Concen: 163.630 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

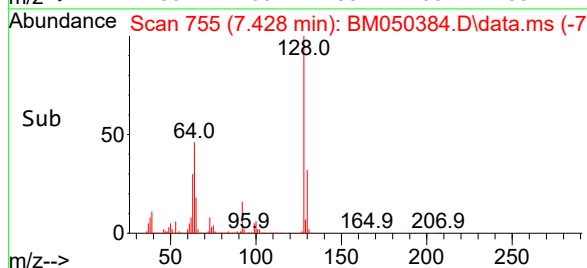
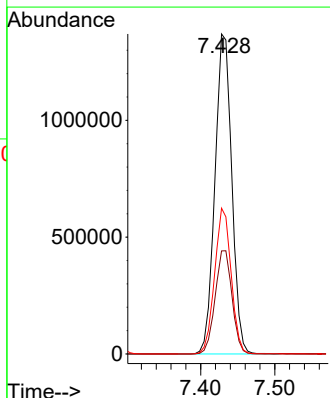
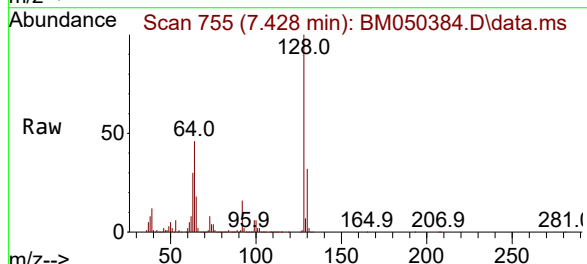
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

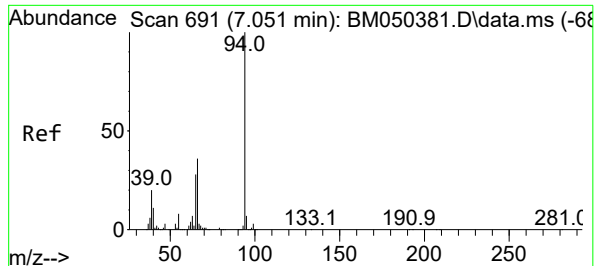
Tgt Ion: 99 Resp: 5149049
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 31.4 25.9 38.9



#8
2-Chlorophenol
Concen: 82.163 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 128 Resp: 2162654
Ion Ratio Lower Upper
128 100
130 32.2 13.3 53.3
64 45.6 25.6 65.6

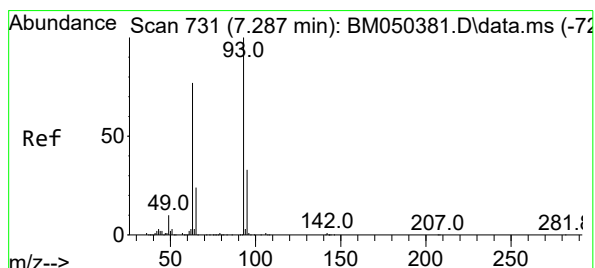
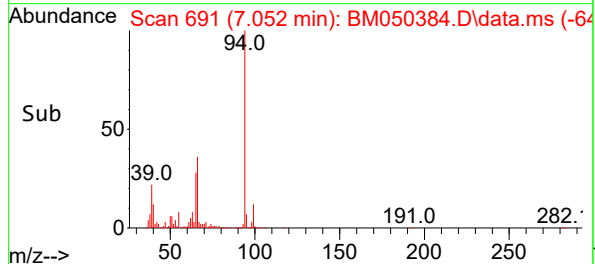
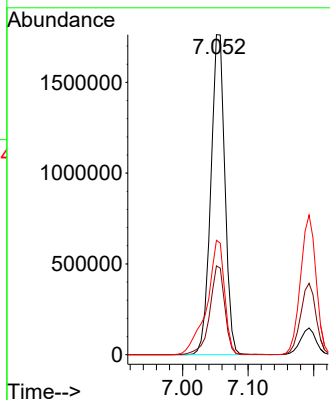
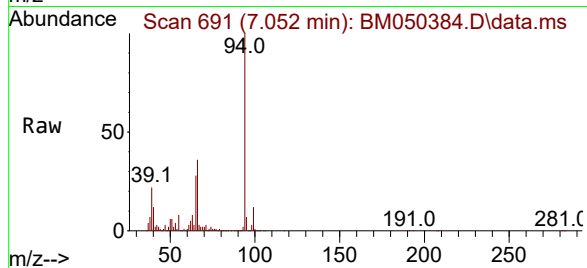




#10
Phenol
Concen: 80.368 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

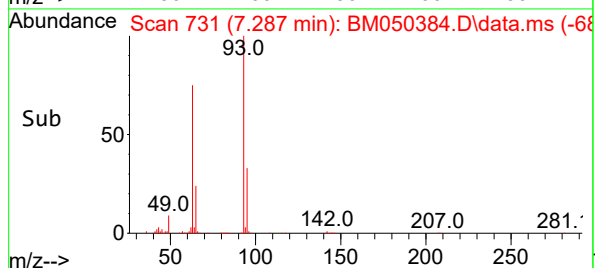
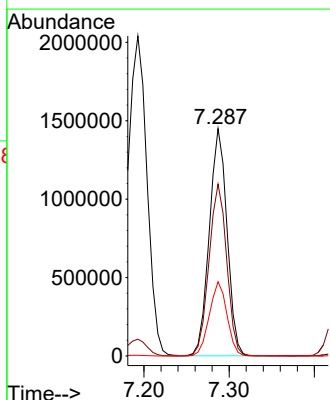
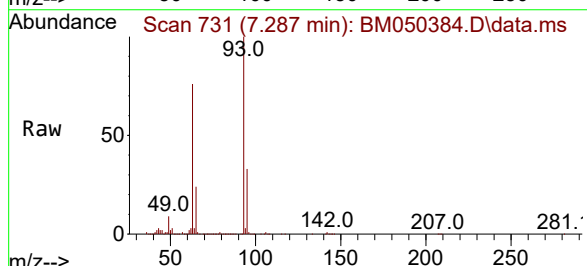
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

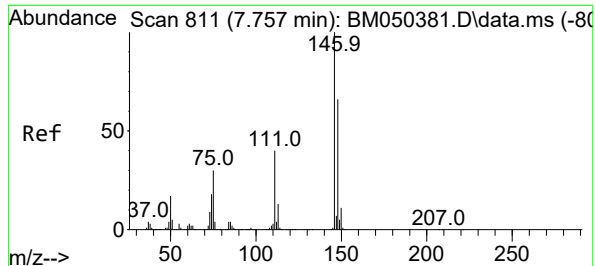
Tgt Ion: 94 Resp: 2637766
Ion Ratio Lower Upper
94 100
65 27.8 8.1 48.1
66 35.7 15.8 55.8



#11
bis(2-Chloroethyl)ether
Concen: 79.625 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 2092911
Ion Ratio Lower Upper
93 100
63 75.6 56.9 96.9
95 32.6 12.6 52.6





#12

1,3-Dichlorobenzene

Concen: 78.654 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

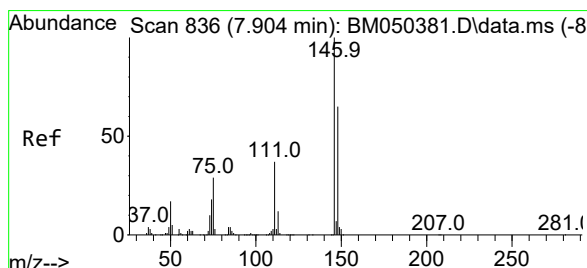
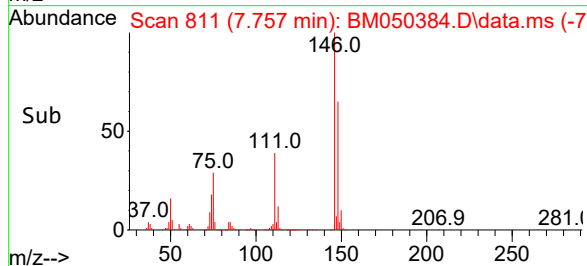
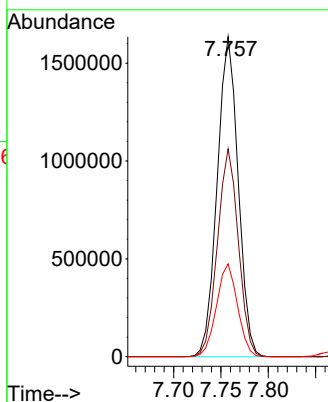
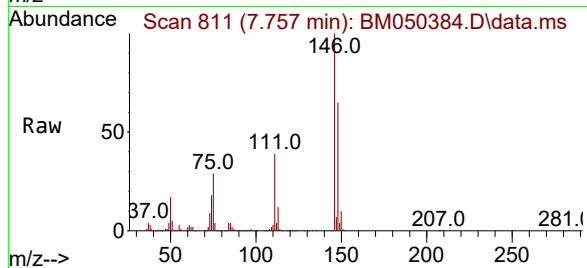
Tgt Ion:146 Resp: 2517372

Ion Ratio Lower Upper

146 100

148 65.0 53.2 79.8

75 29.0 23.9 35.9



#13

1,4-Dichlorobenzene

Concen: 78.187 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

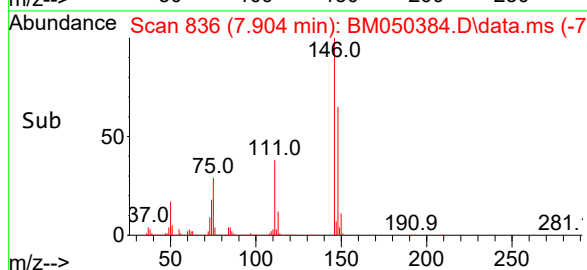
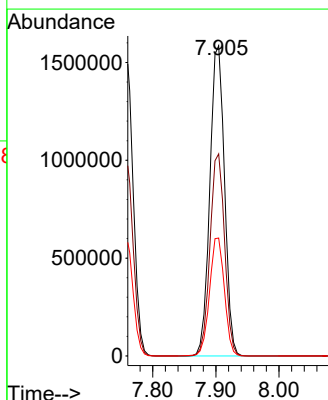
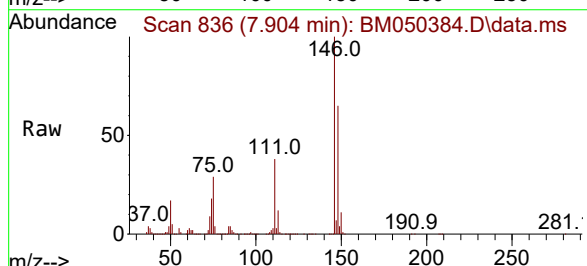
Tgt Ion:146 Resp: 2555213

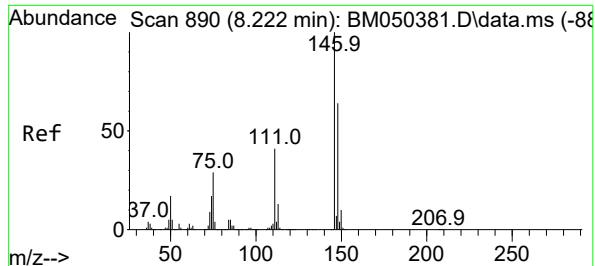
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

111 38.0 30.0 45.0





#14

1,2-Dichlorobenzene

Concen: 78.434 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

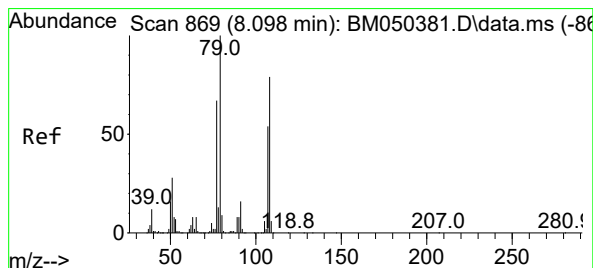
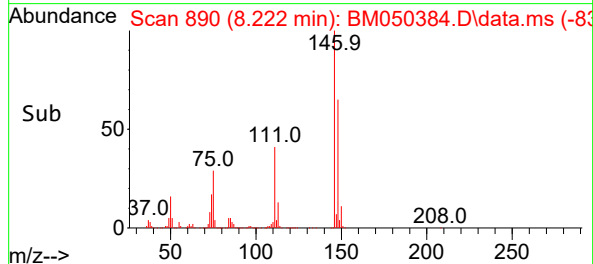
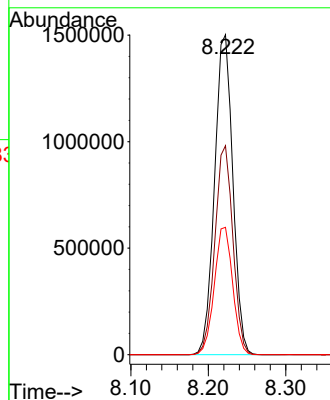
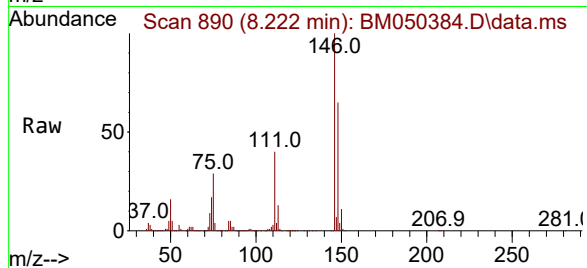
Tgt Ion:146 Resp: 2454039

Ion Ratio Lower Upper

146 100

148 65.3 51.5 77.3

111 39.8 32.6 49.0



#15

Benzyl Alcohol

Concen: 81.539 ng

RT: 8.104 min Scan# 870

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

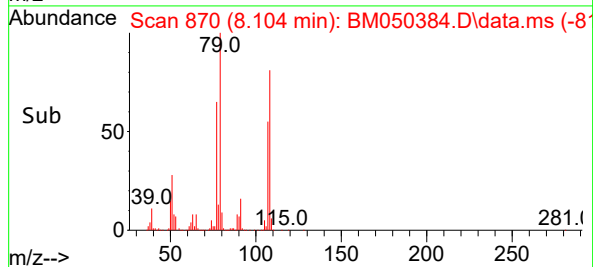
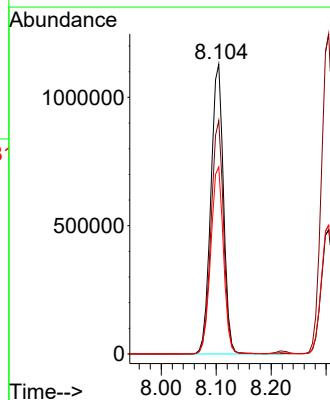
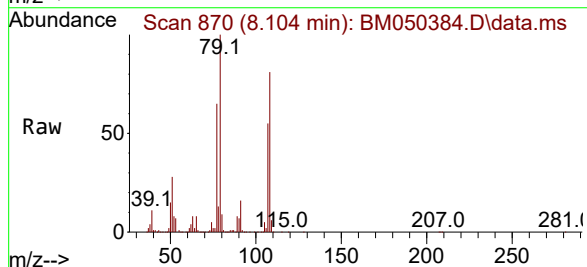
Tgt Ion: 79 Resp: 1807870

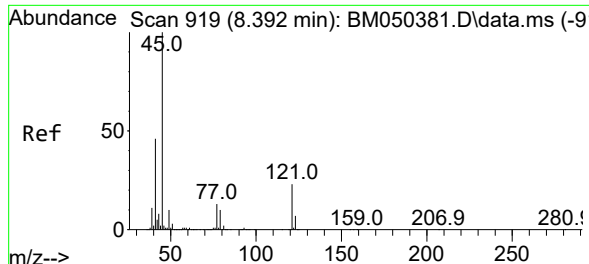
Ion Ratio Lower Upper

79 100

108 80.5 63.0 94.4

77 64.5 53.4 80.0

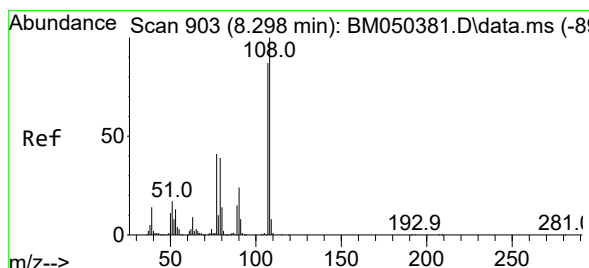
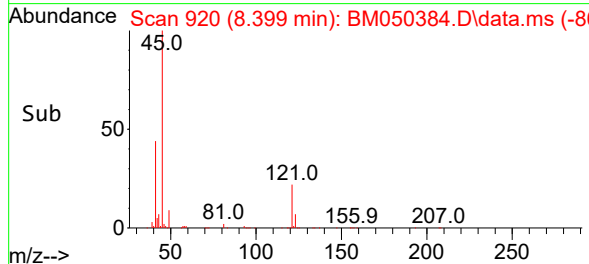
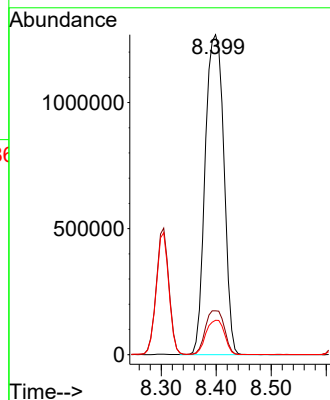
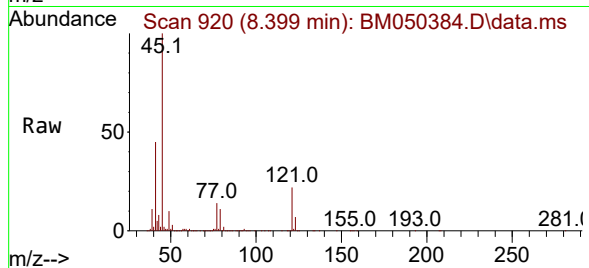




#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.270 ng
RT: 8.399 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

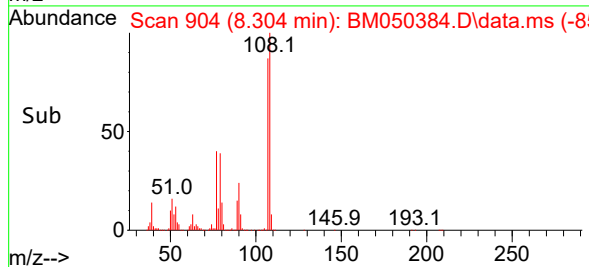
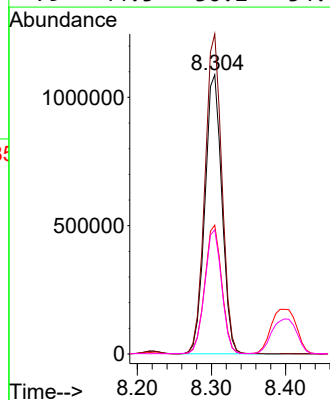
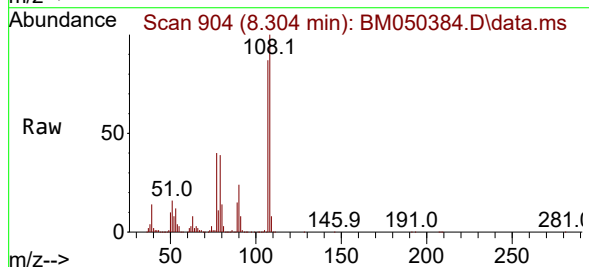
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

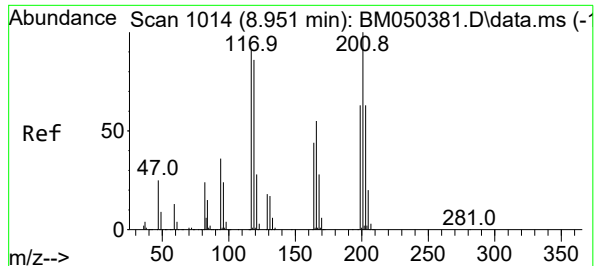
Tgt Ion: 45 Resp: 2991629
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.5
79 10.8 0.0 30.3



#17
2-Methylphenol
Concen: 81.397 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 107 Resp: 1732716
Ion Ratio Lower Upper
107 100
108 114.6 92.1 138.1
77 46.1 38.2 57.4
79 44.5 36.2 54.4





#18

Hexachloroethane

Concen: 81.135 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

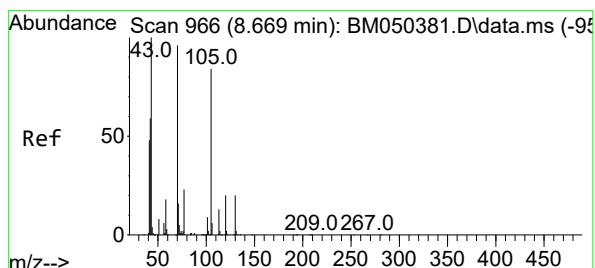
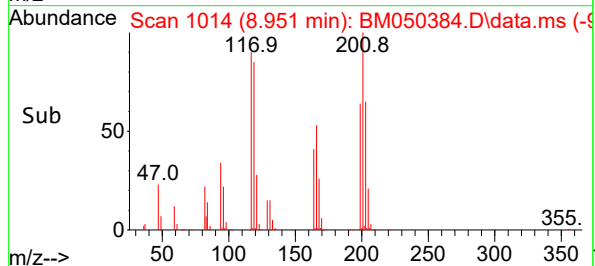
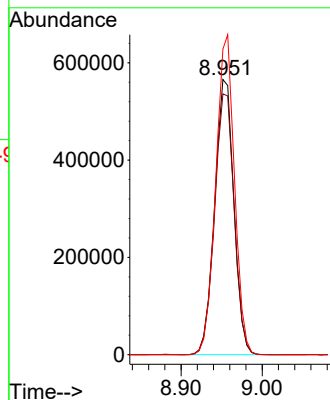
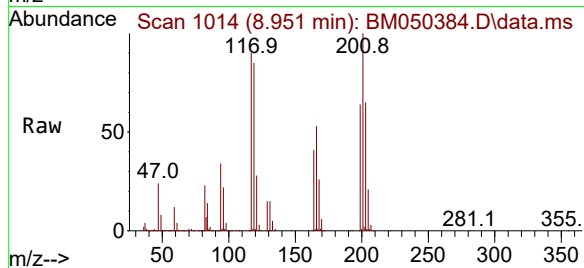
Tgt Ion:117 Resp: 932539

Ion Ratio Lower Upper

117 100

119 94.8 75.6 113.4

201 111.1 87.9 131.9



#19

n-Nitroso-di-n-propylamine

Concen: 83.281 ng

RT: 8.681 min Scan# 968

Delta R.T. 0.012 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Tgt Ion: 70 Resp: 1587587

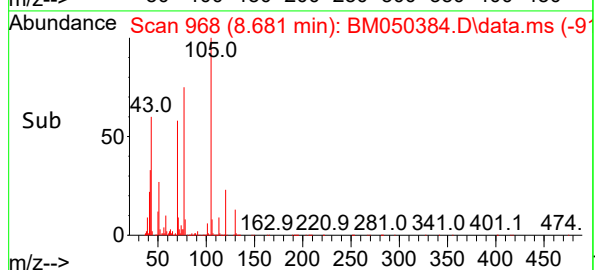
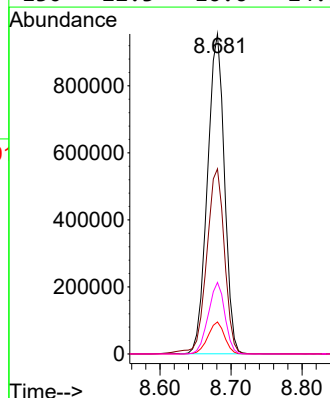
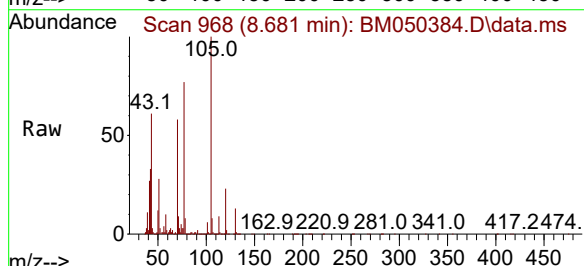
Ion Ratio Lower Upper

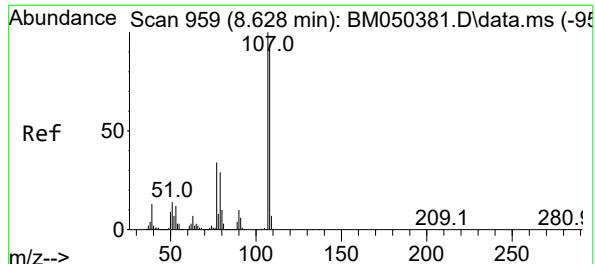
70 100

42 57.9 49.7 74.5

101 10.0 7.7 11.5

130 22.3 16.6 24.8





#20

3+4-Methylphenols

Concen: 80.491 ng

RT: 8.634 min Scan# 9

Delta R.T. 0.006 min

Lab File: BM050384.D

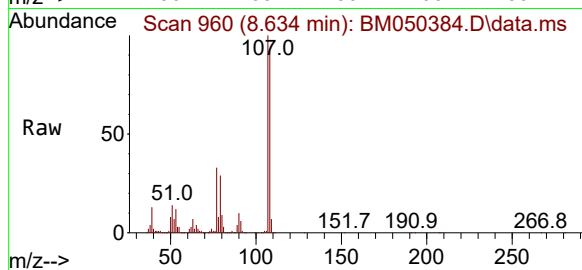
Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

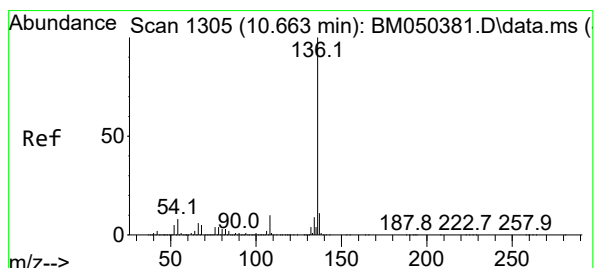
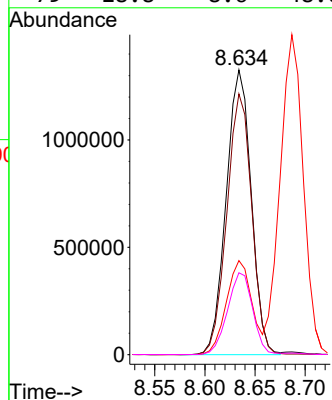
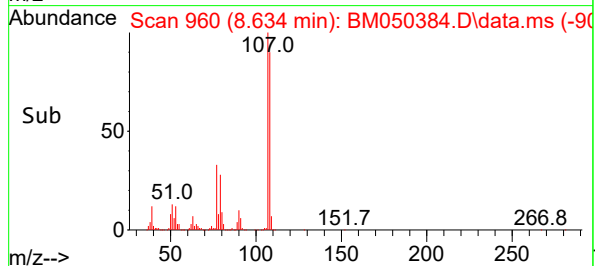
ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 2300155

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.0	13.7	53.7
79	28.8	8.6	48.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1305

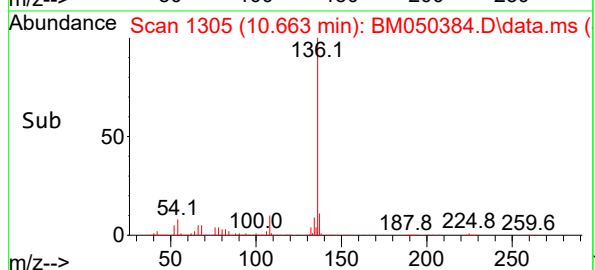
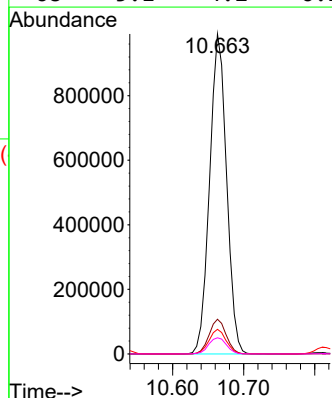
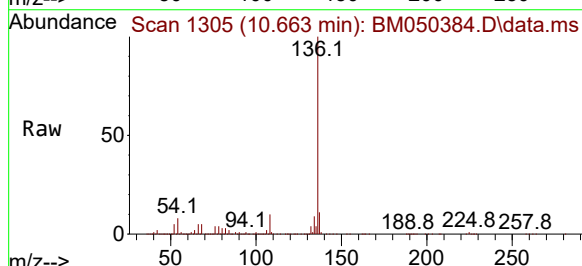
Delta R.T. 0.000 min

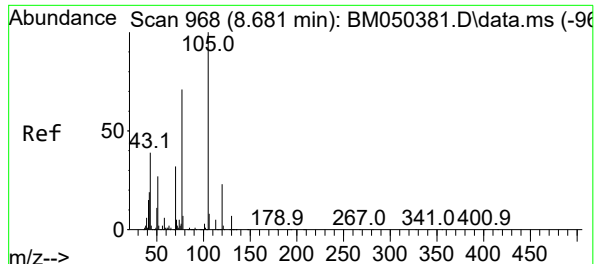
Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Tgt Ion:136 Resp: 1643859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2





#22

Acetophenone

Concen: 78.279 ng

RT: 8.687 min Scan# 968

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 3217324

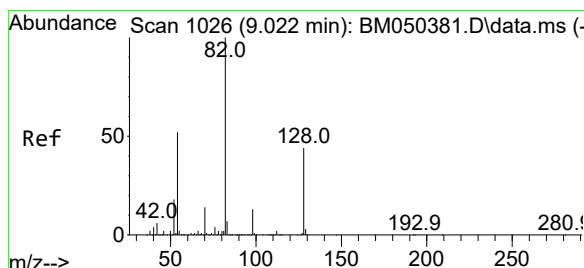
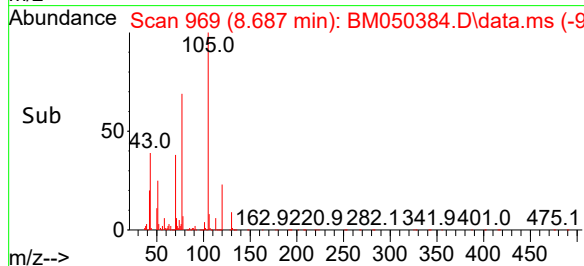
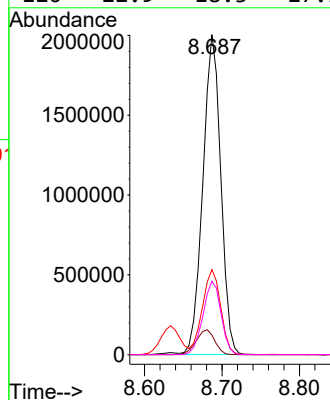
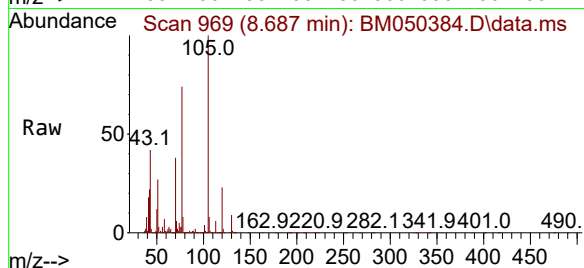
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 26.6 23.0 34.6

120 22.9 18.3 27.5



#23

Nitrobenzene-d5

Concen: 163.391 ng

RT: 9.028 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

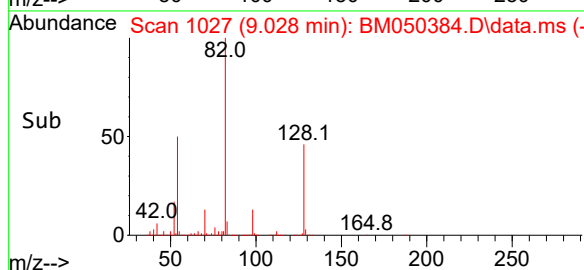
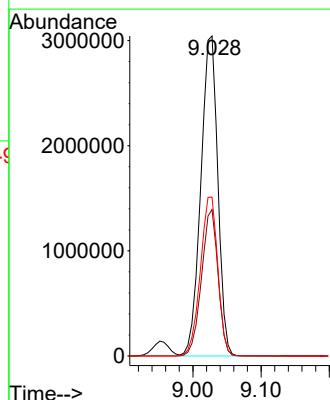
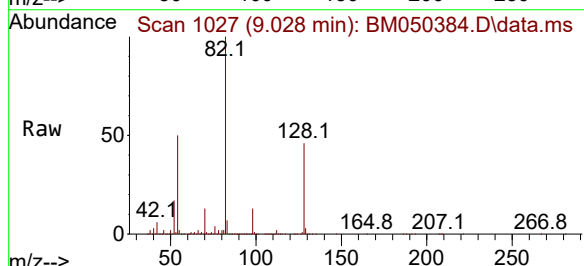
Tgt Ion: 82 Resp: 5264647

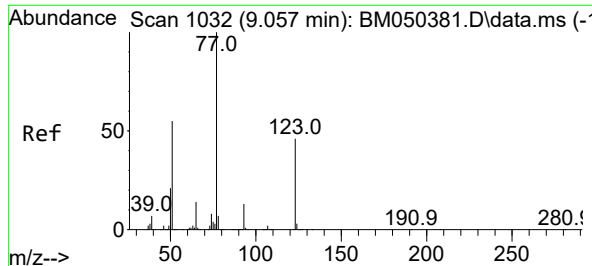
Ion Ratio Lower Upper

82 100

128 45.7 35.2 52.8

54 49.7 41.5 62.3

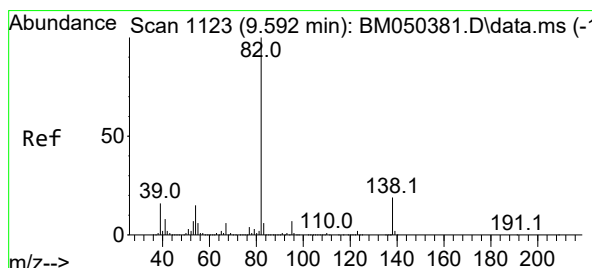
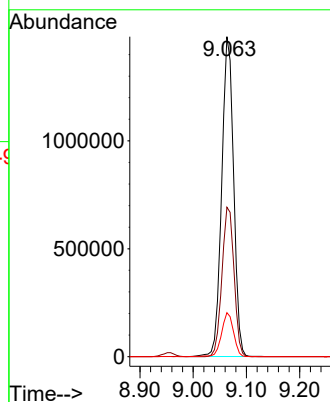
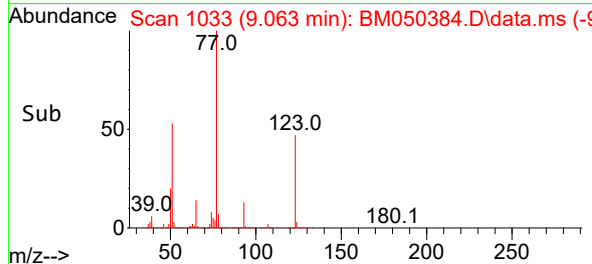
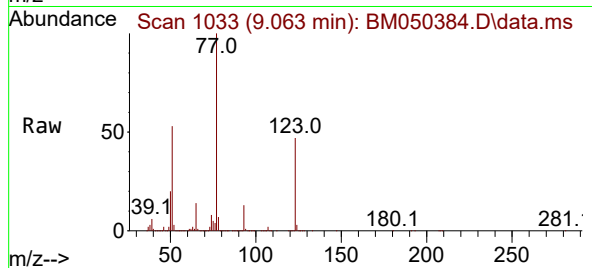




#24
Nitrobenzene
Concen: 79.875 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

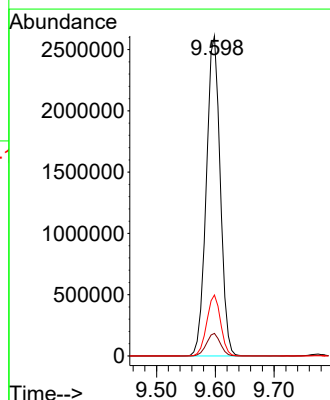
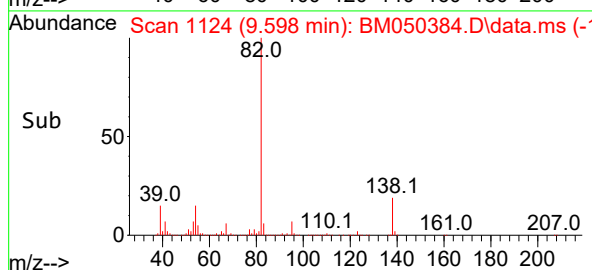
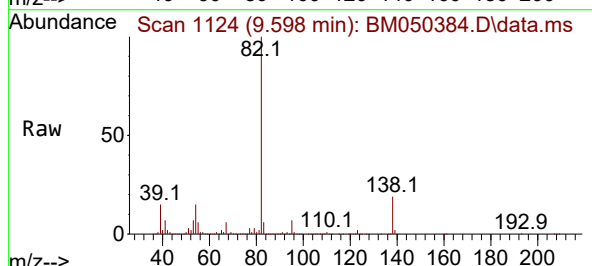
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

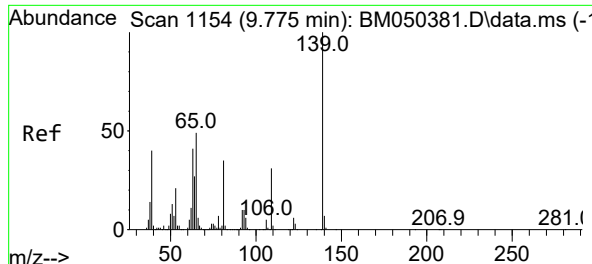
Tgt Ion: 77 Resp: 2296616
Ion Ratio Lower Upper
77 100
123 46.7 37.0 55.6
65 13.8 11.0 16.4



#25
Isophorone
Concen: 82.044 ng
RT: 9.598 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 4289620
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.0 15.3 22.9





#26

2-Nitrophenol

Concen: 93.448 ng

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

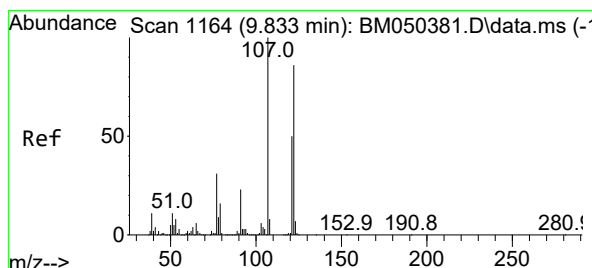
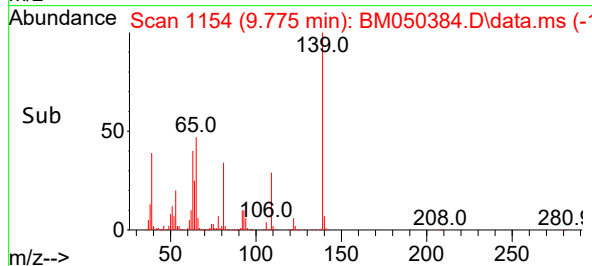
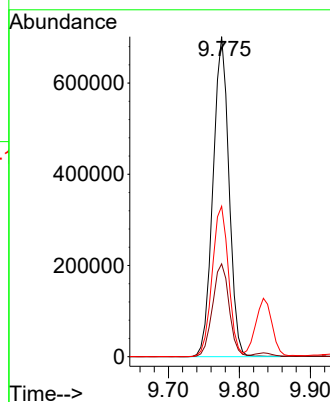
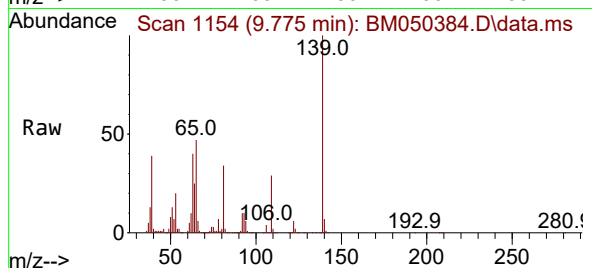
Tgt Ion:139 Resp: 1095059

Ion Ratio Lower Upper

139 100

109 29.0 24.6 36.8

65 47.0 39.2 58.8



#27

2,4-Dimethylphenol

Concen: 81.267 ng

RT: 9.834 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

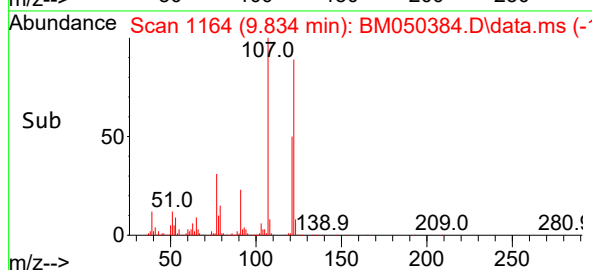
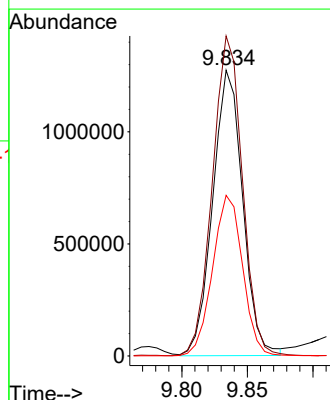
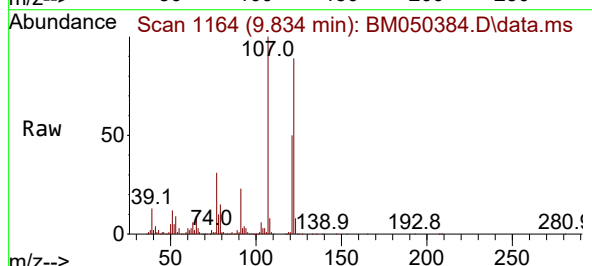
Tgt Ion:122 Resp: 2026460

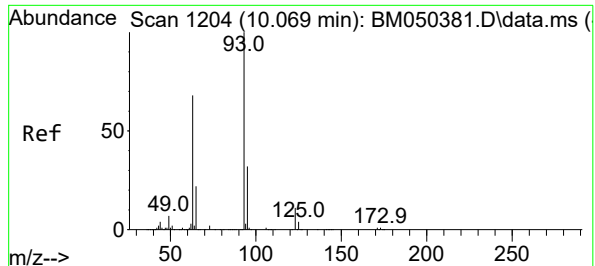
Ion Ratio Lower Upper

122 100

107 112.0 93.0 139.6

121 56.2 46.1 69.1

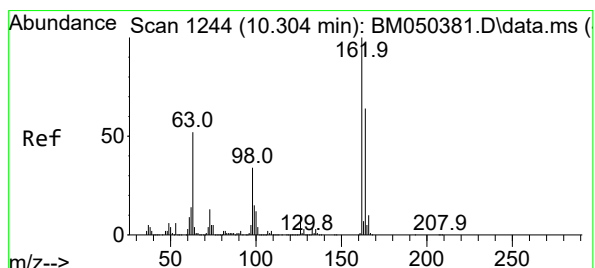
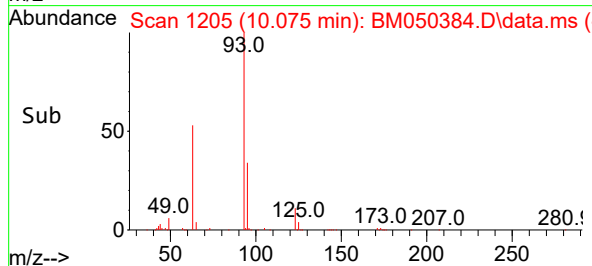
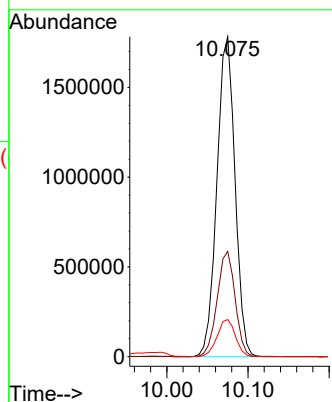
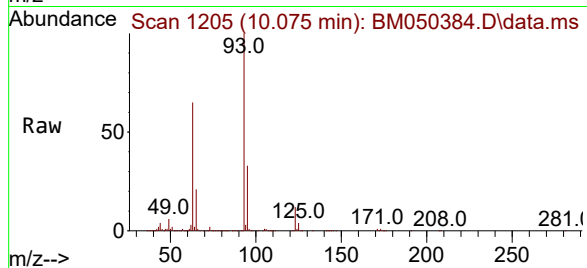




#28
bis(2-Chloroethoxy)methane
Concen: 79.691 ng
RT: 10.075 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

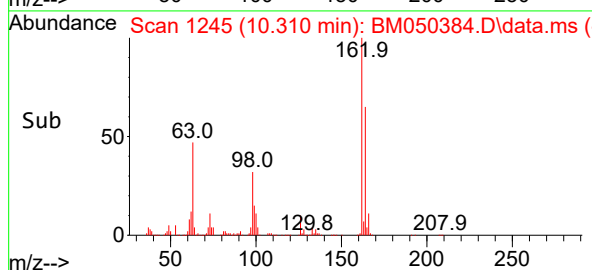
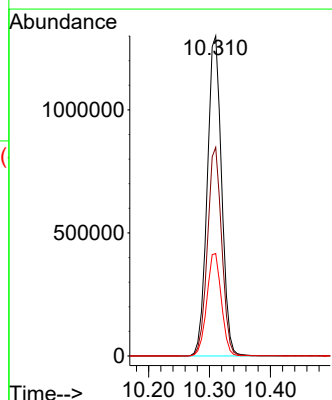
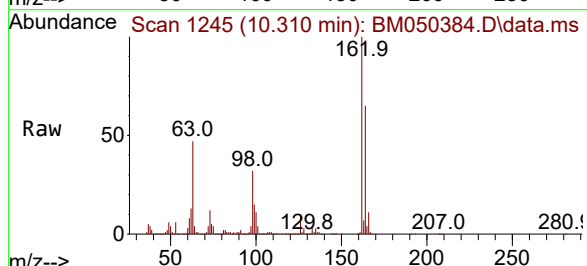
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

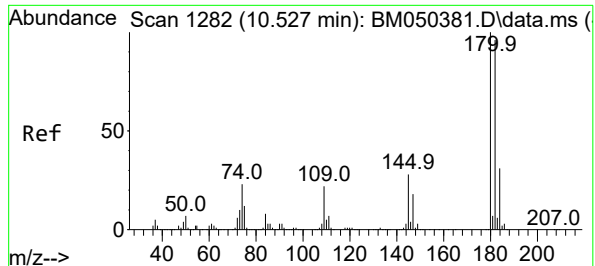
Tgt Ion: 93 Resp: 2760921
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 11.6 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 83.334 ng
RT: 10.310 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 162 Resp: 2134843
Ion Ratio Lower Upper
162 100
164 65.2 43.7 83.7
98 32.0 13.7 53.7





#30

1,2,4-Trichlorobenzene

Concen: 81.052 ng

RT: 10.528 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

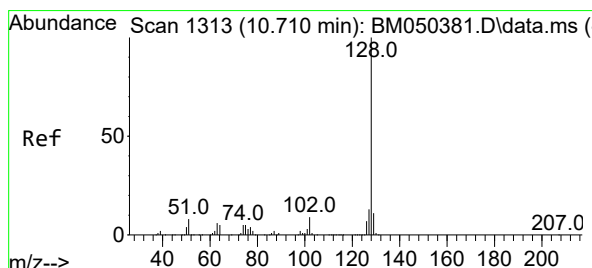
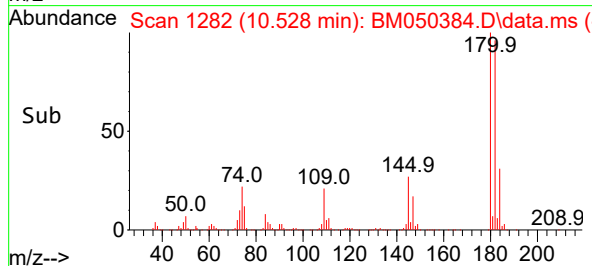
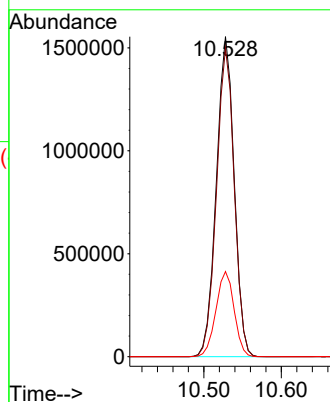
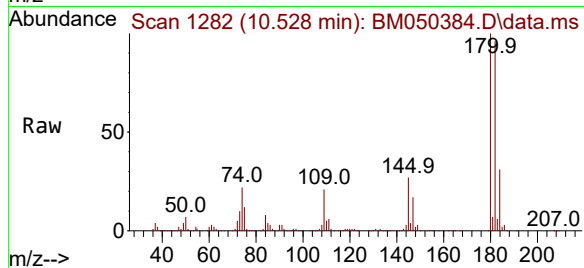
Tgt Ion:180 Resp: 2483928

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

145 26.6 22.6 33.8



#31

Naphthalene

Concen: 78.095 ng

RT: 10.716 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

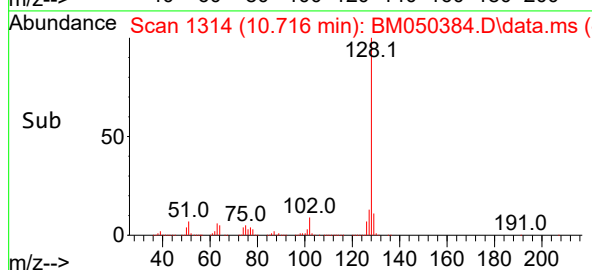
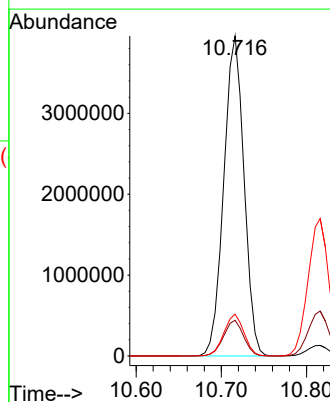
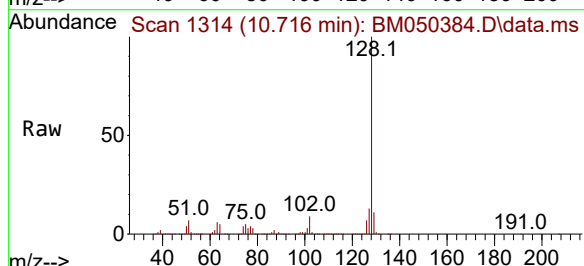
Tgt Ion:128 Resp: 6520664

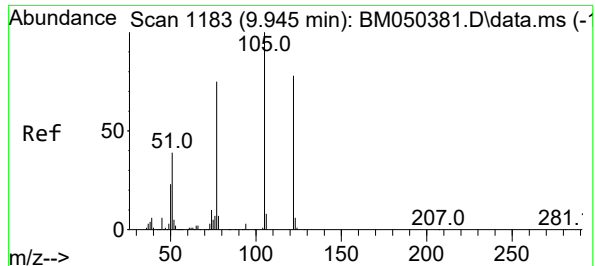
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6

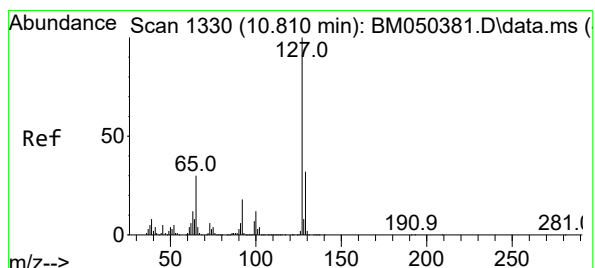
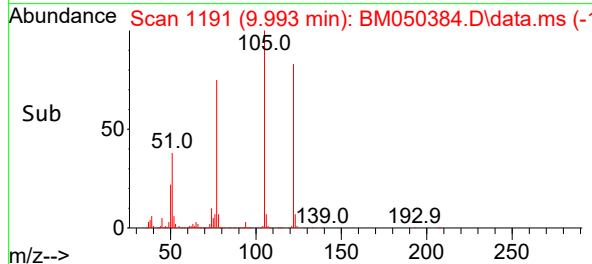
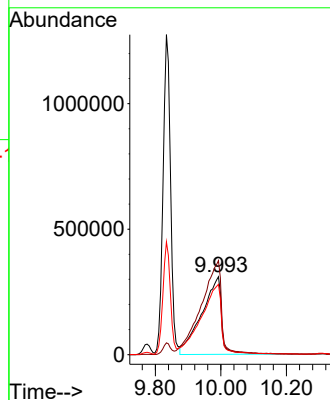
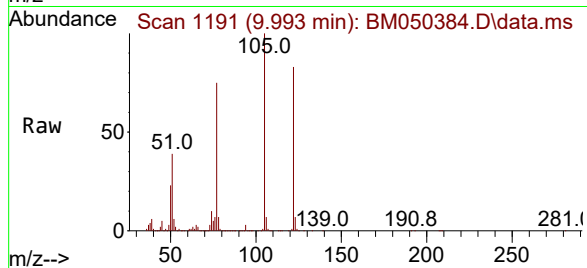




#32
Benzoic acid
Concen: 81.001 ng
RT: 9.993 min Scan# 1183
Delta R.T. 0.048 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

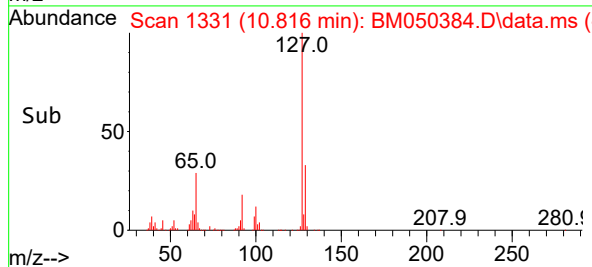
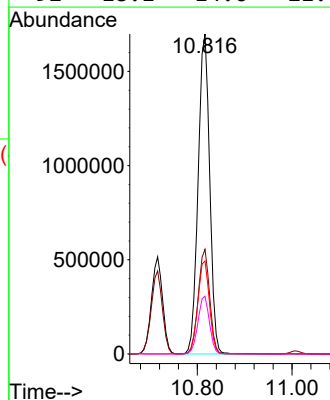
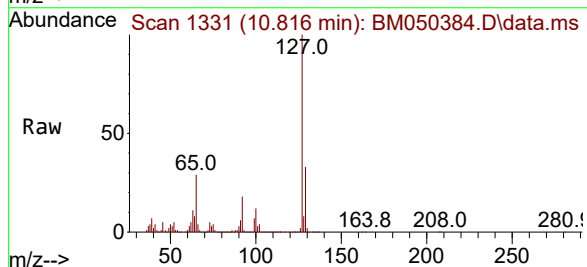
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

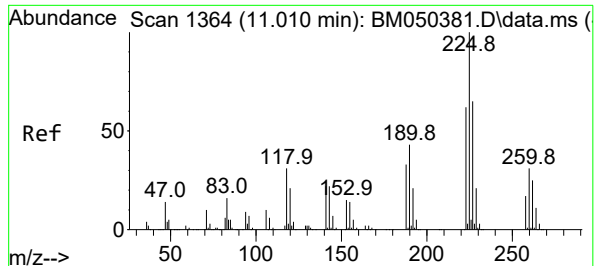
Tgt Ion:122 Resp: 1311597
Ion Ratio Lower Upper
122 100
105 120.8 104.0 144.0
77 90.4 73.8 113.8



#33
4-Chloroaniline
Concen: 81.395 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:127 Resp: 2873151
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 29.1 23.9 35.9
92 18.1 14.6 21.8

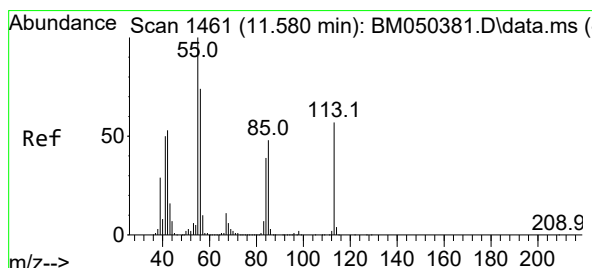
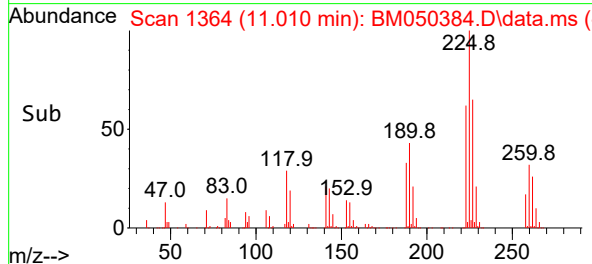
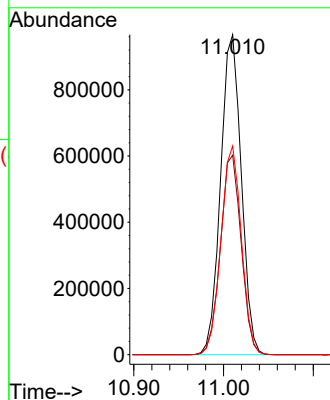
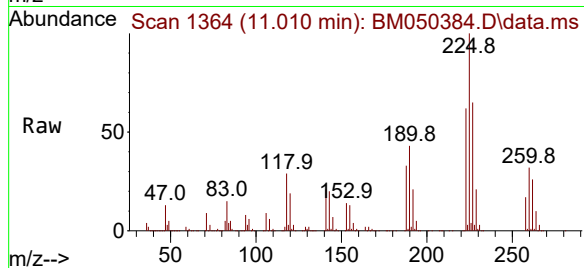




#34
Hexachlorobutadiene
Concen: 82.684 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

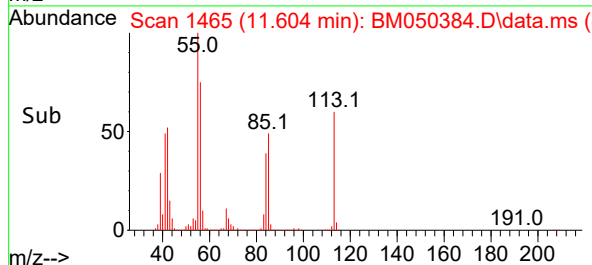
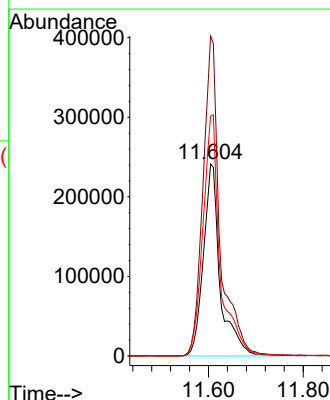
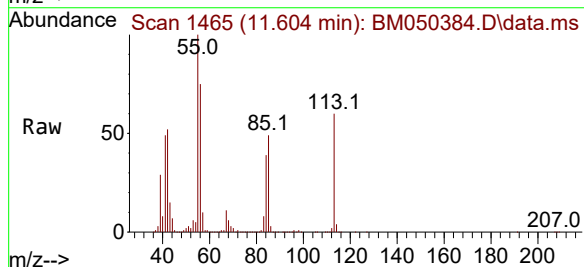
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

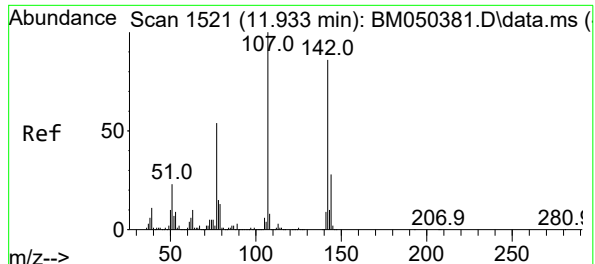
Tgt Ion:225 Resp: 1546563
Ion Ratio Lower Upper
225 100
223 62.4 49.7 74.5
227 65.2 52.1 78.1



#35
Caprolactam
Concen: 84.949 ng
RT: 11.604 min Scan# 1465
Delta R.T. 0.024 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:113 Resp: 594080
Ion Ratio Lower Upper
113 100
55 166.9 157.2 197.2
56 125.0 111.7 151.7

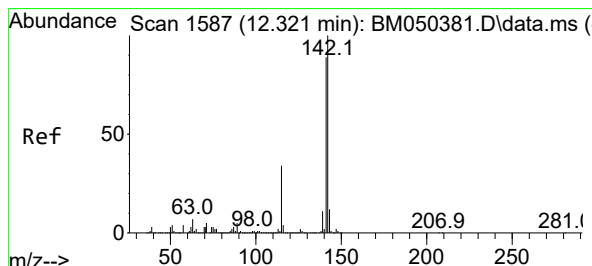
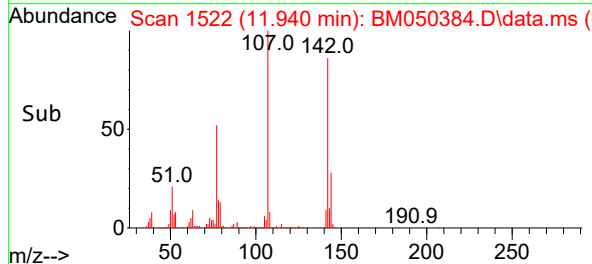
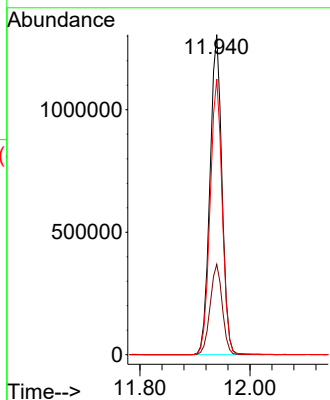
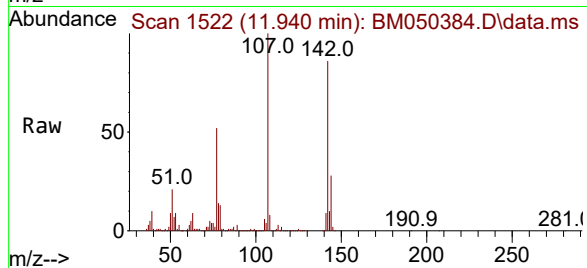




#36
4-Chloro-3-methylphenol
Concen: 82.929 ng
RT: 11.940 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

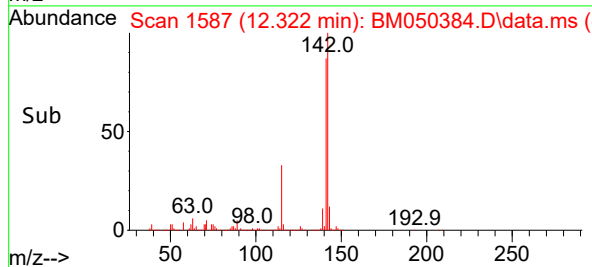
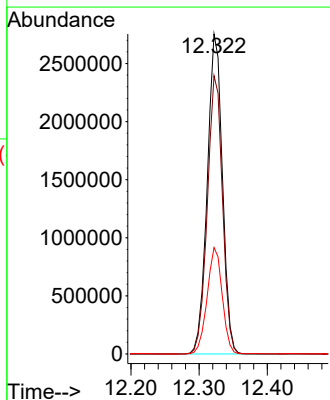
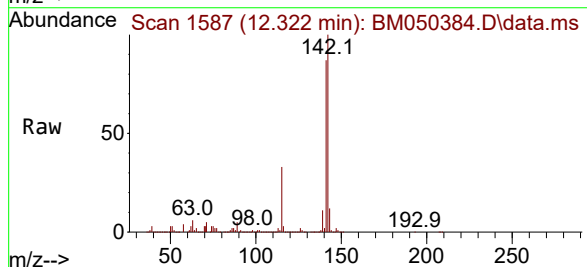
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

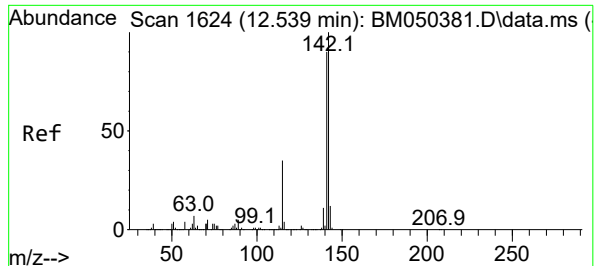
Tgt Ion:107 Resp: 1983864
Ion Ratio Lower Upper
107 100
144 28.3 22.2 33.4
142 86.2 68.7 103.1



#37
2-Methylnaphthalene
Concen: 80.705 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:142 Resp: 4254768
Ion Ratio Lower Upper
142 100
141 86.9 70.8 106.2
115 33.2 27.0 40.4

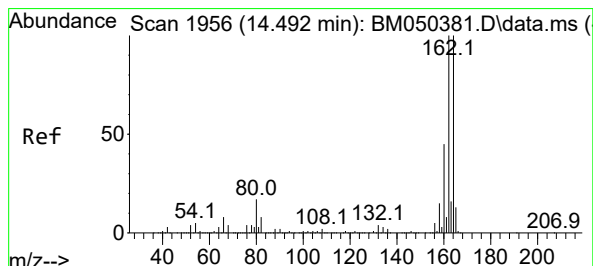
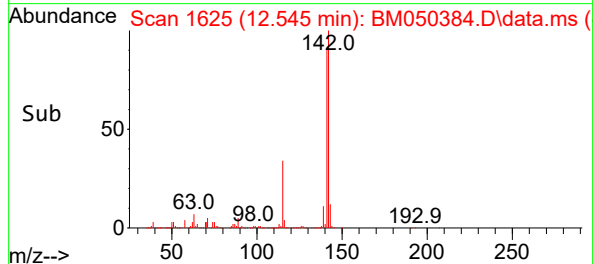
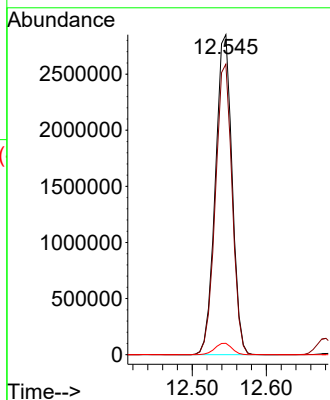
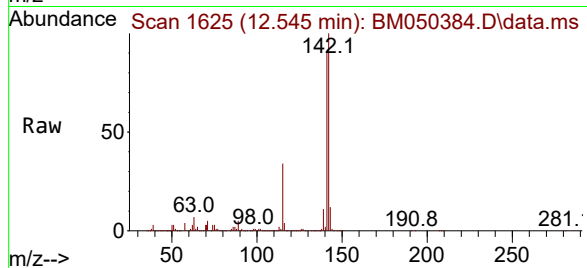




#38
1-Methylnaphthalene
Concen: 80.207 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

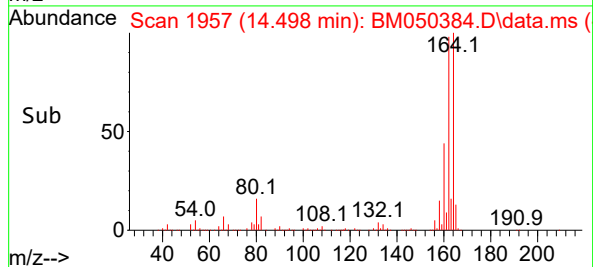
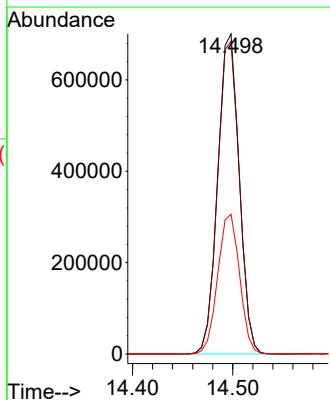
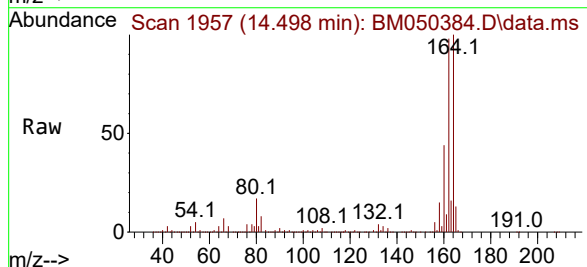
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

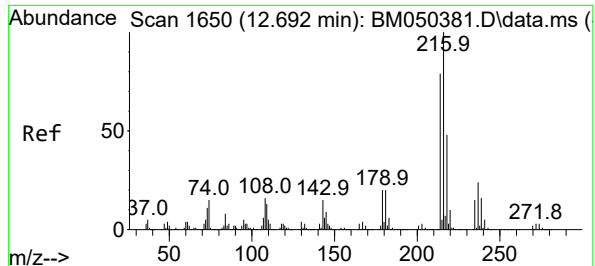
Tgt Ion:142 Resp: 4475032
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9
116 3.6 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:164 Resp: 1043719
Ion Ratio Lower Upper
164 100
162 97.6 79.9 119.9
160 43.6 36.2 54.4

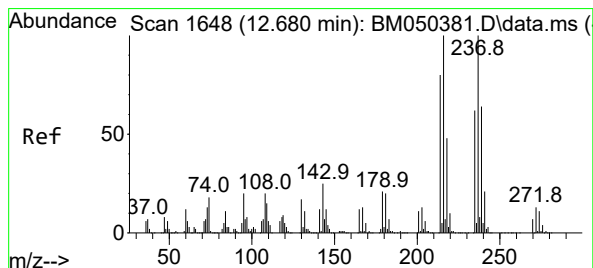
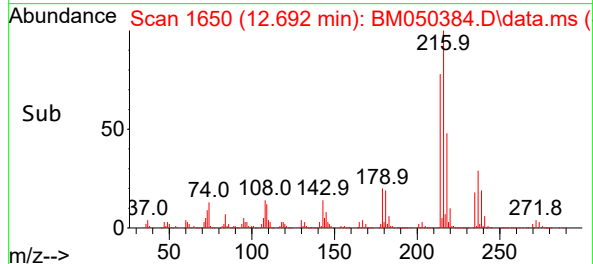
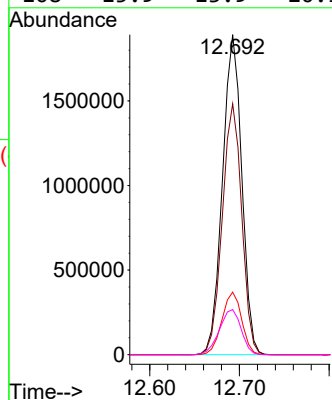
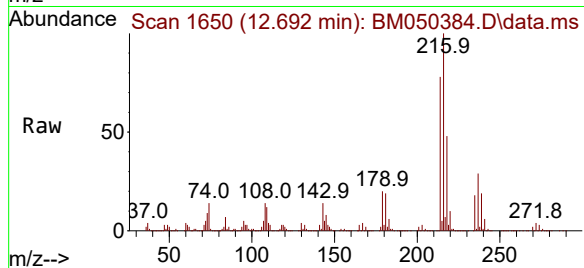




#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.112 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

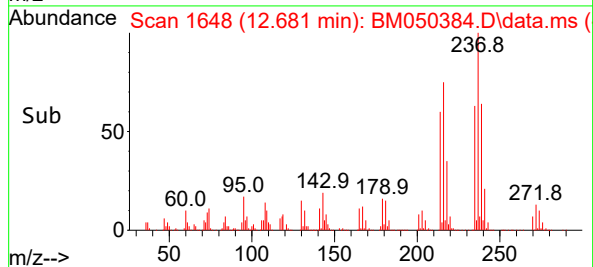
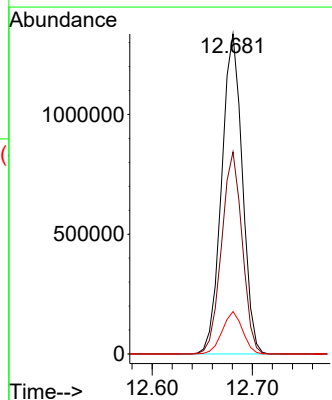
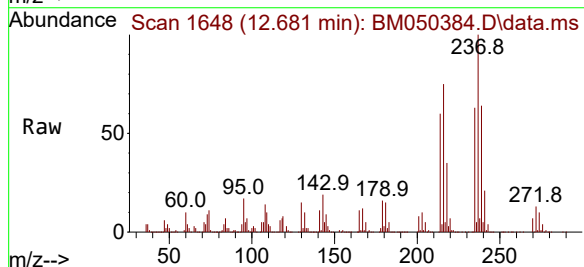
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

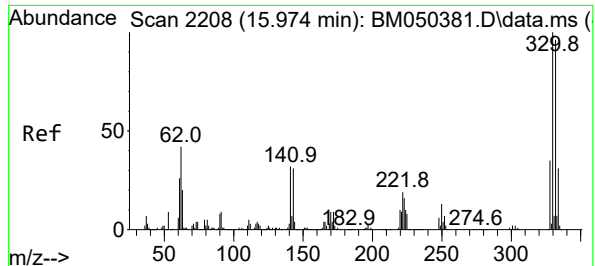
Tgt Ion:216 Resp: 2824950
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 20.0 16.4 24.6
108 15.9 13.9 20.9



#41
Hexachlorocyclopentadiene
Concen: 90.239 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:237 Resp: 1914528
Ion Ratio Lower Upper
237 100
235 63.1 42.3 82.3
272 13.2 0.0 33.0

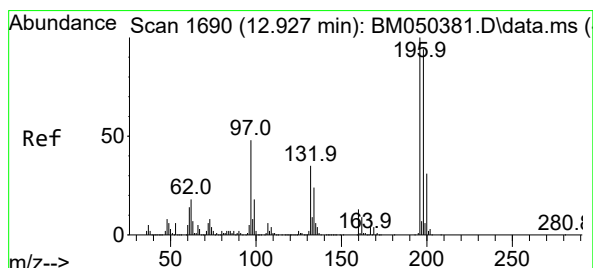
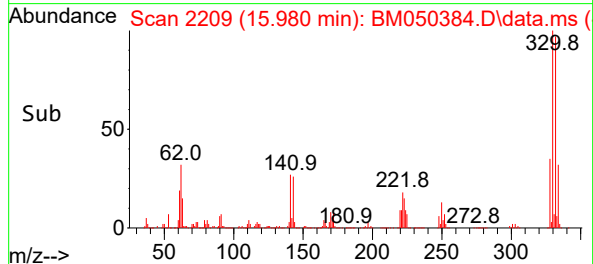
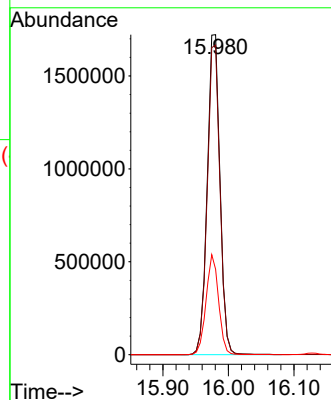
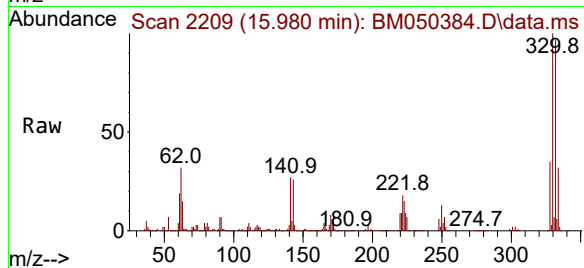




#42
2,4,6-Tribromophenol
Concen: 184.182 ng
RT: 15.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

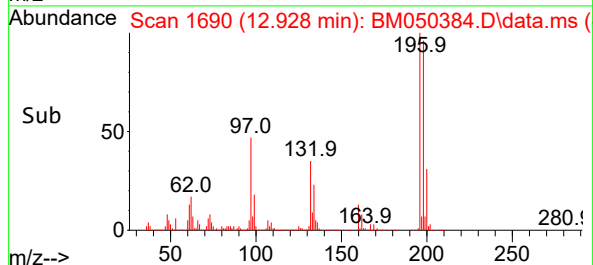
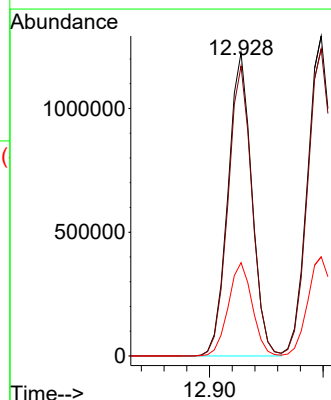
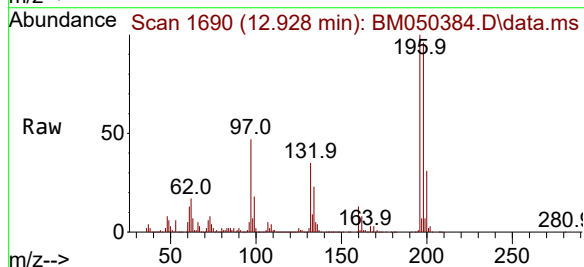
Instrument :
BNA_M
ClientSampleId :
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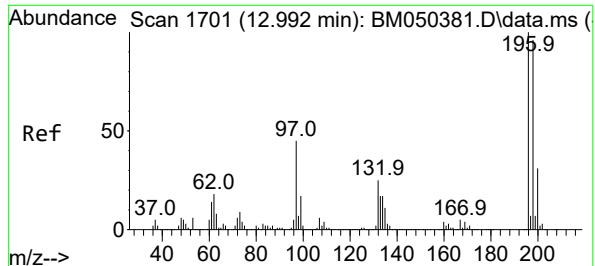
Tgt Ion:330 Resp: 2335664
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.7 27.4 41.0



#43
2,4,6-Trichlorophenol
Concen: 87.263 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

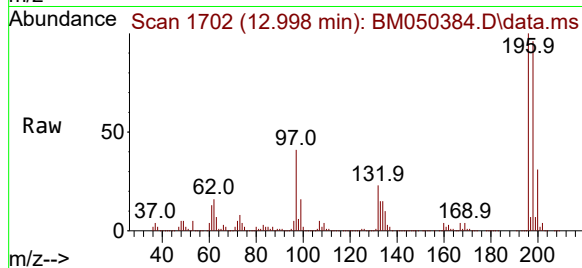
Tgt Ion:196 Resp: 1782842
Ion Ratio Lower Upper
196 100
198 95.6 75.1 112.7
200 30.8 24.6 37.0



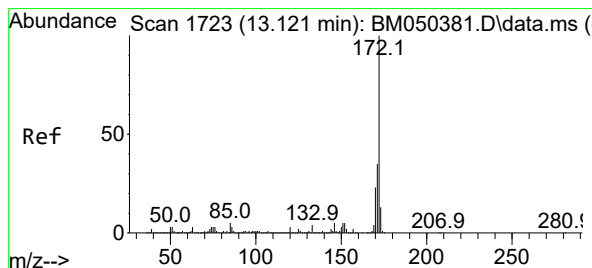
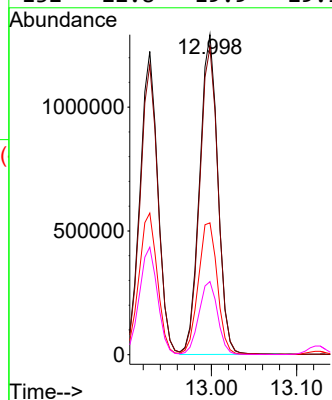
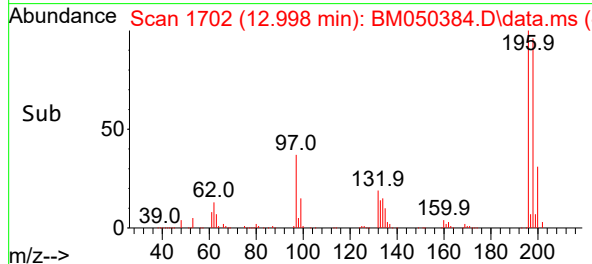


#44
2,4,5-Trichlorophenol
Concen: 86.021 ng
RT: 12.998 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

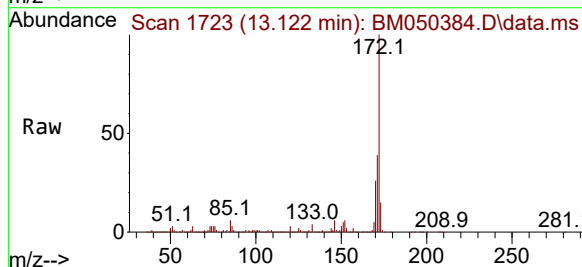
Instrument :
BNA_M
ClientSampleId :
SSTDICC080



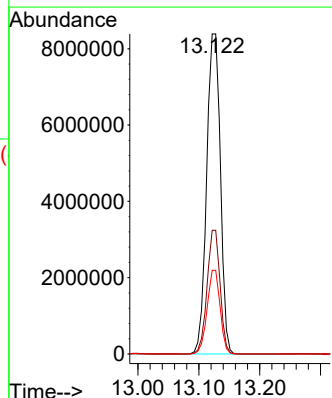
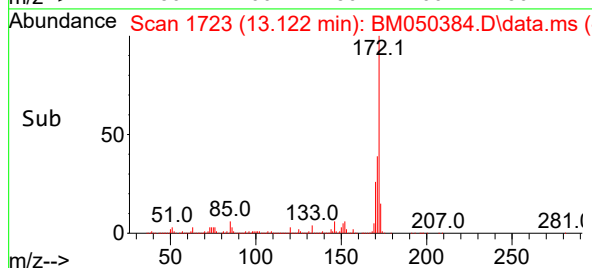
Tgt Ion:196 Resp: 1919360
Ion Ratio Lower Upper
196 100
198 96.0 77.2 115.8
97 41.2 36.2 54.4
132 22.8 19.9 29.9

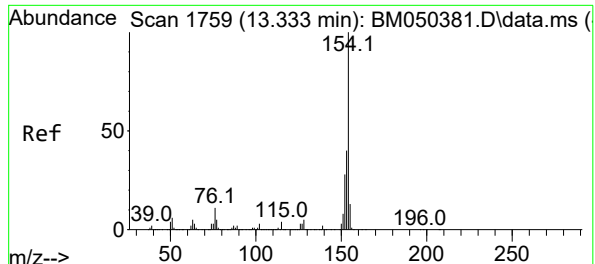


#45
2-Fluorobiphenyl
Concen: 155.576 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22



Tgt Ion:172 Resp:13148691
Ion Ratio Lower Upper
172 100
171 38.6 27.7 41.5
170 26.2 18.8 28.2

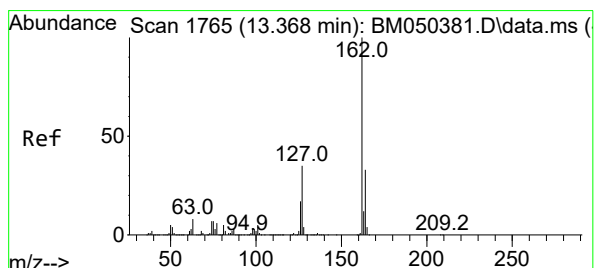
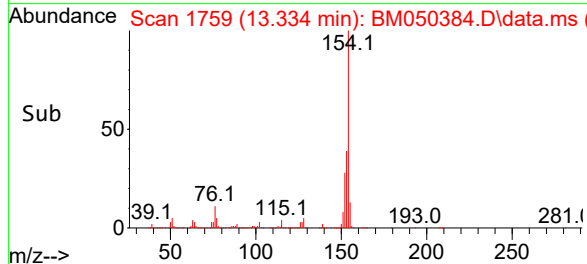
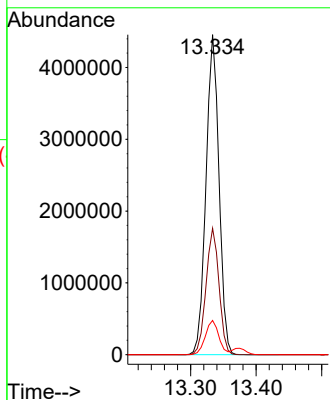
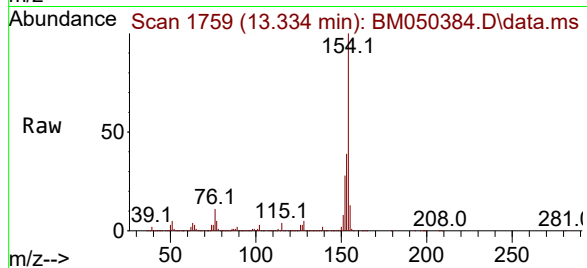




#46
1,1'-Biphenyl
Concen: 79.310 ng
RT: 13.334 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

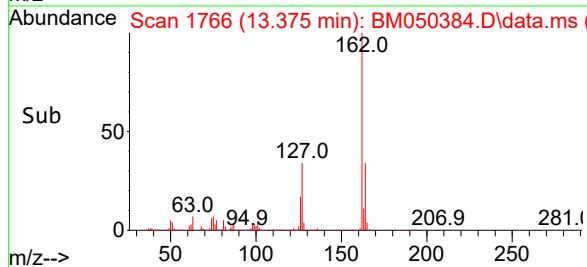
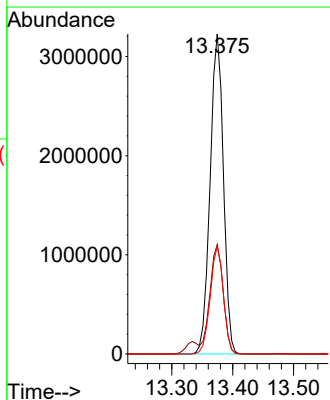
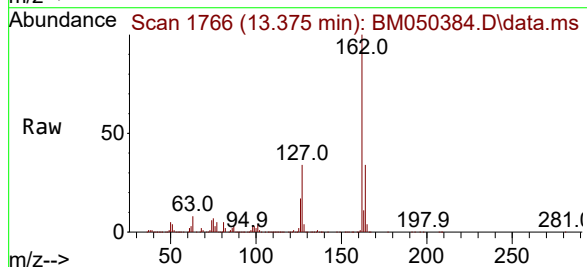
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

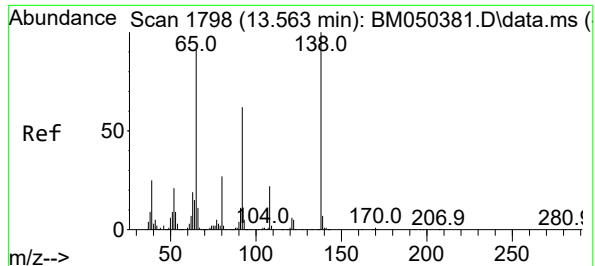
Tgt Ion:154 Resp: 6141549
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 10.7 0.0 30.9



#47
2-Chloronaphthalene
Concen: 79.196 ng
RT: 13.375 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 4889665
Ion Ratio Lower Upper
162 100
127 34.2 28.3 42.5
164 33.6 26.6 40.0

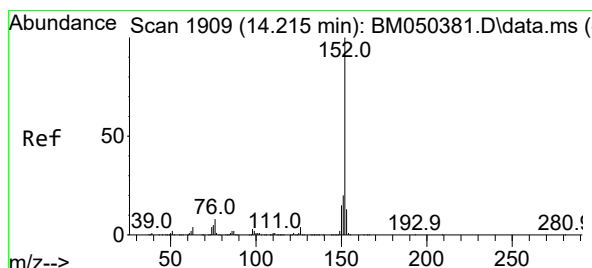
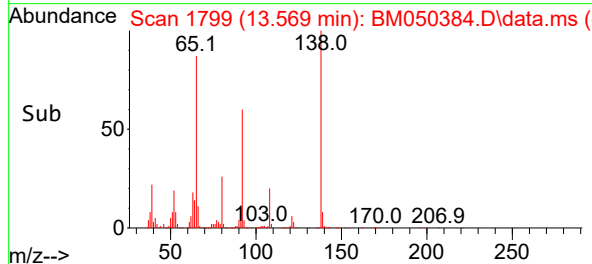
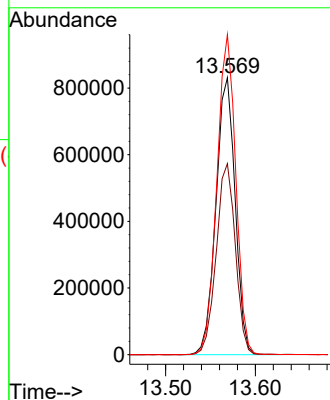
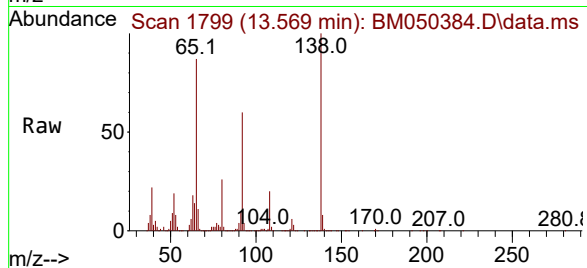




#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.569 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

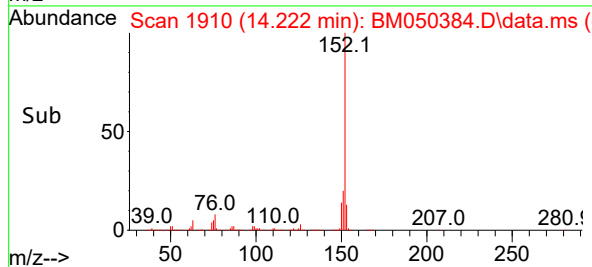
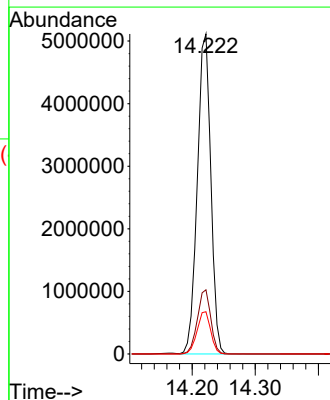
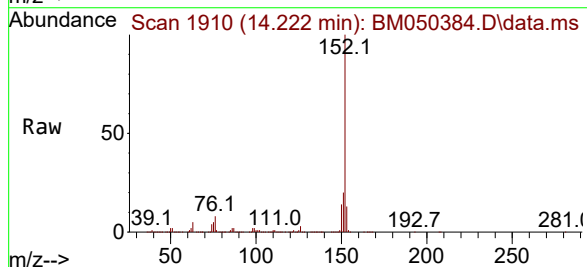
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

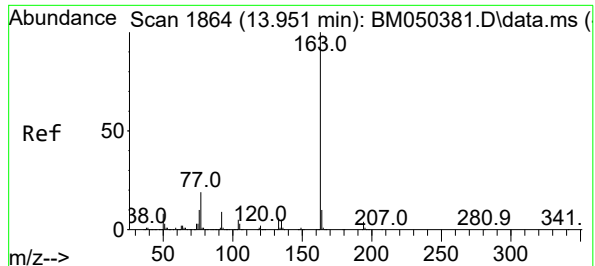
Tgt Ion: 65 Resp: 1233222
Ion Ratio Lower Upper
65 100
92 68.9 54.3 81.5
138 115.5 87.8 131.6



#49
Acenaphthylene
Concen: 81.019 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 152 Resp: 7559726
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.2 10.6 15.8

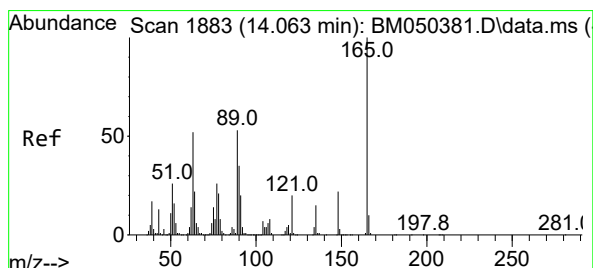
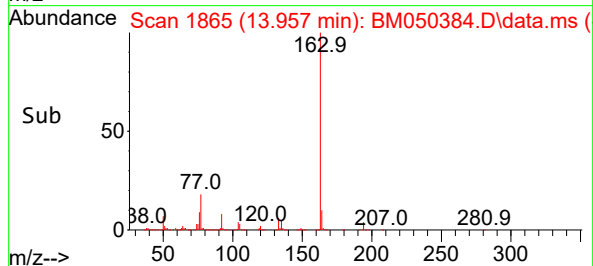
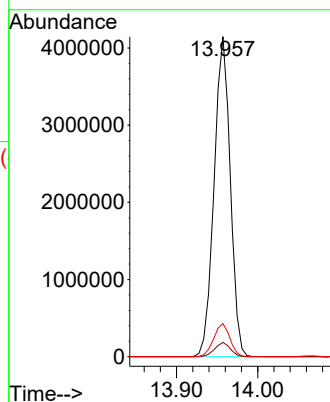
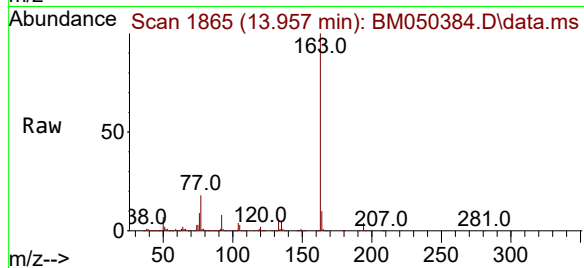




#50
Dimethylphthalate
Concen: 79.779 ng
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

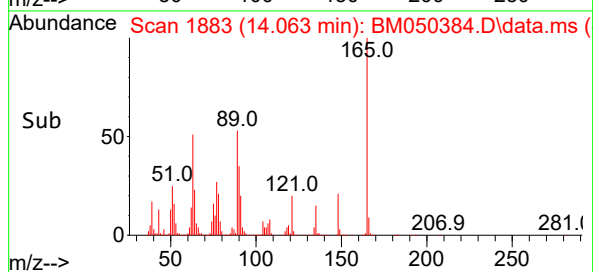
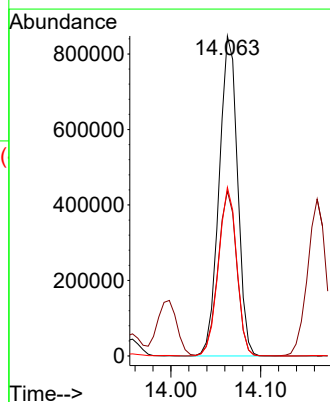
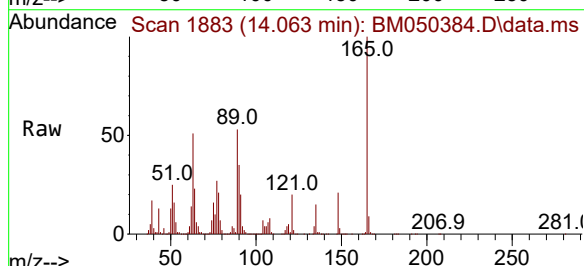
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

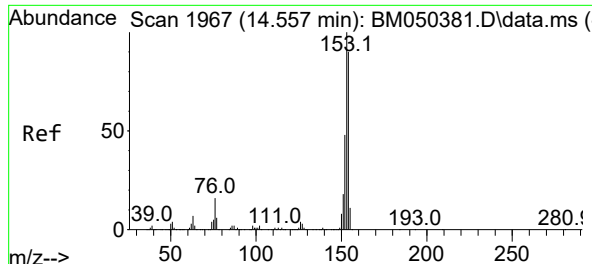
Tgt Ion:163 Resp: 5732691
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 87.496 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1207179
Ion Ratio Lower Upper
165 100
63 51.5 42.4 63.6
89 52.7 42.2 63.2

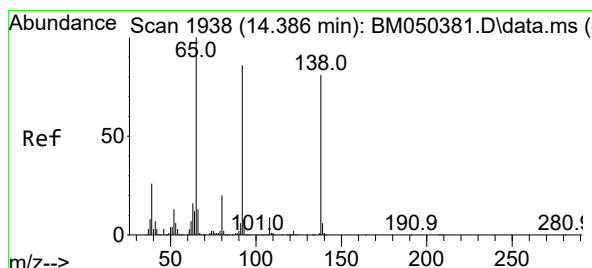
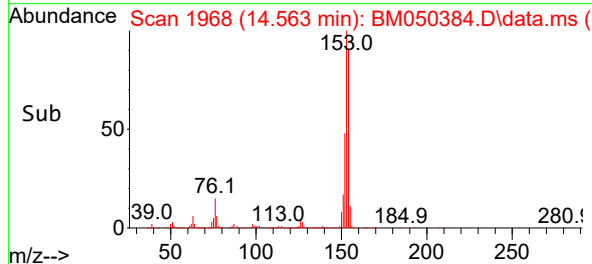
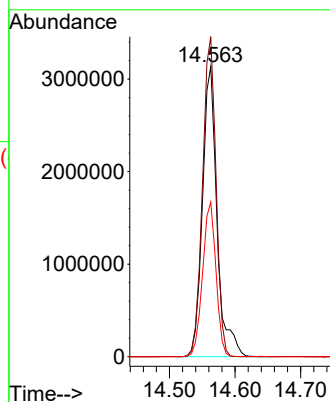
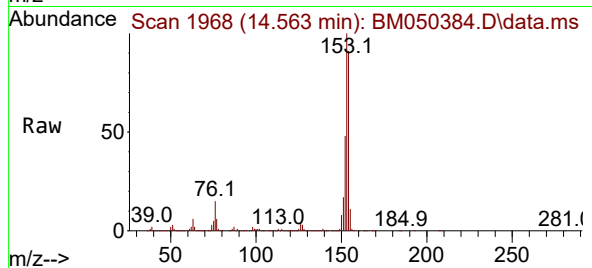




#52
Acenaphthene
Concen: 81.486 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

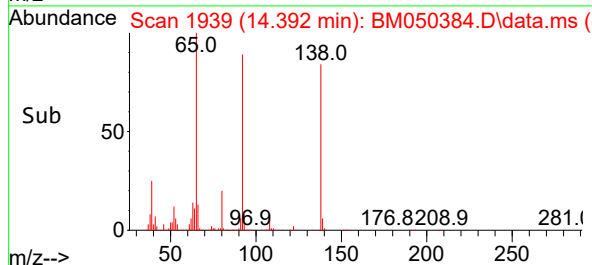
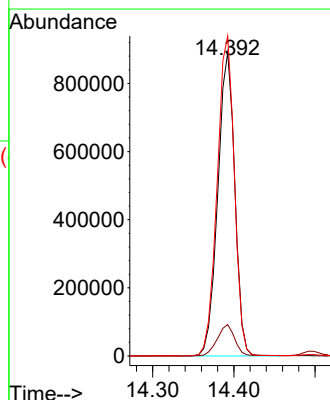
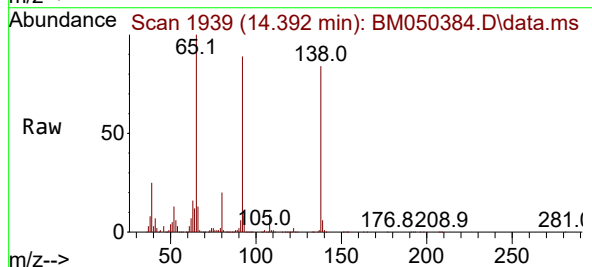
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

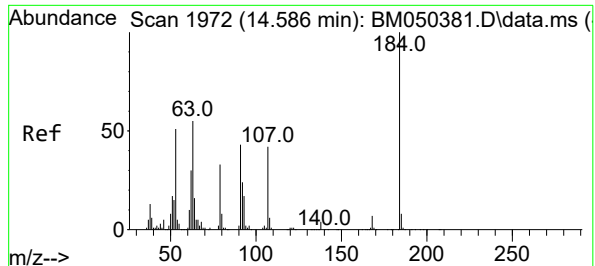
Tgt Ion:154 Resp: 4833886
Ion Ratio Lower Upper
154 100
153 110.3 89.2 133.8
152 53.3 42.6 64.0



#53
3-Nitroaniline
Concen: 88.444 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:138 Resp: 1297724
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 105.4 85.0 127.6

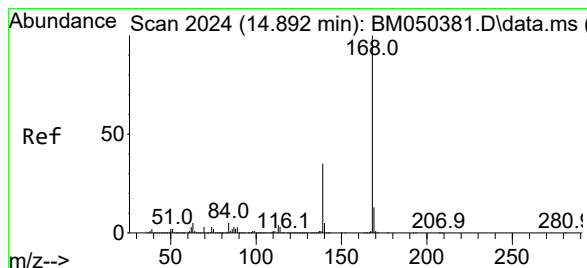
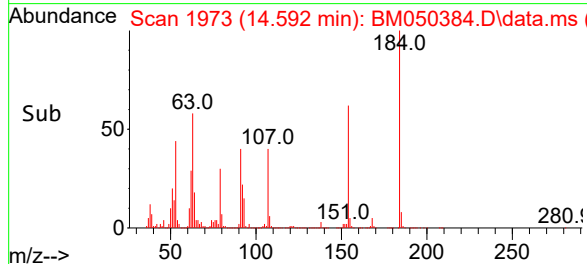
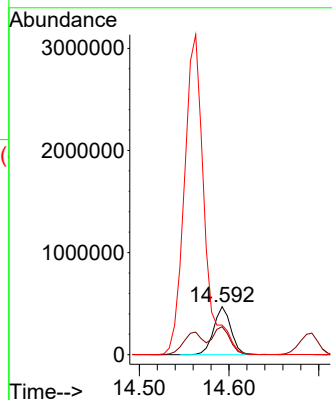
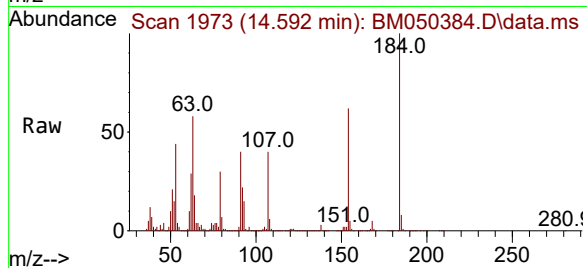




#54
2,4-Dinitrophenol
Concen: 82.116 ng
RT: 14.592 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

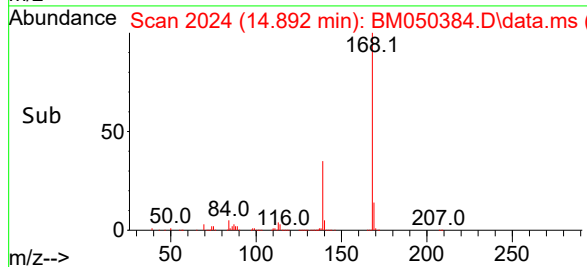
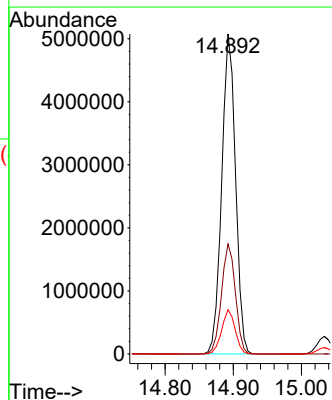
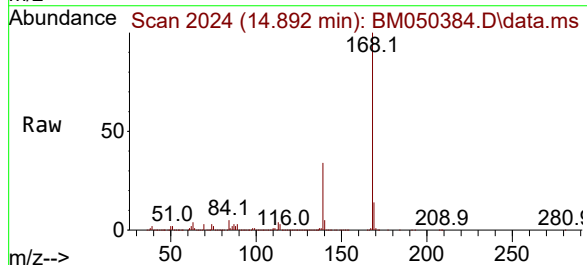
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

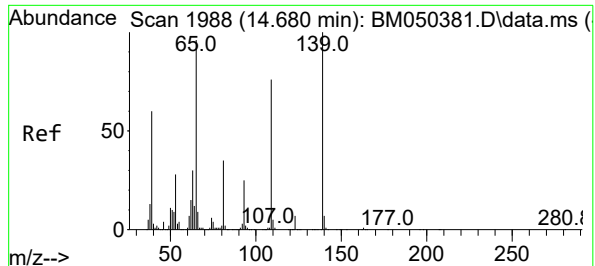
Tgt Ion:184 Resp: 626569
Ion Ratio Lower Upper
184 100
63 58.4 53.4 80.0
154 61.7 61.6 92.4



#55
Dibenzofuran
Concen: 78.152 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:168 Resp: 7143343
Ion Ratio Lower Upper
168 100
139 34.4 27.7 41.5
169 13.8 10.7 16.1

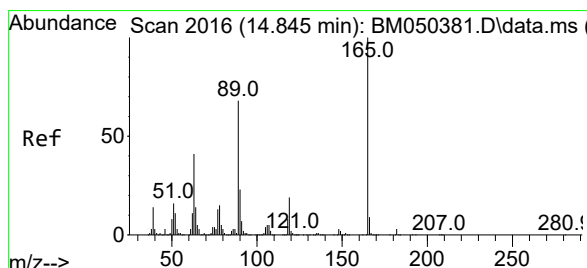
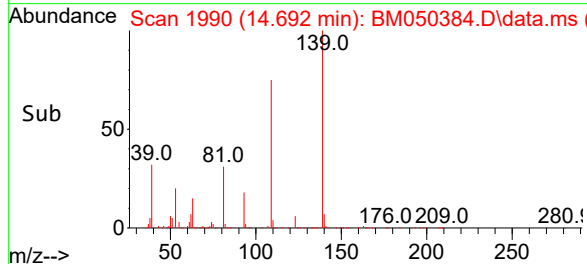
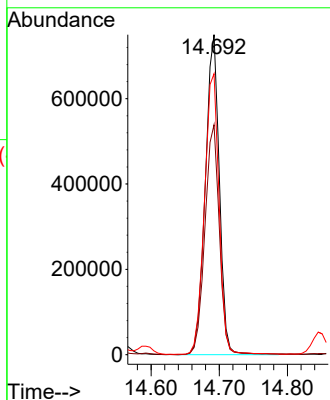
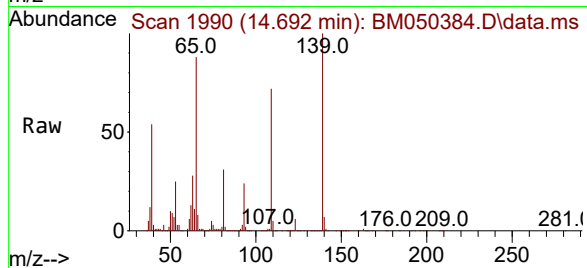




#56
4-Nitrophenol
Concen: 85.262 ng
RT: 14.692 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

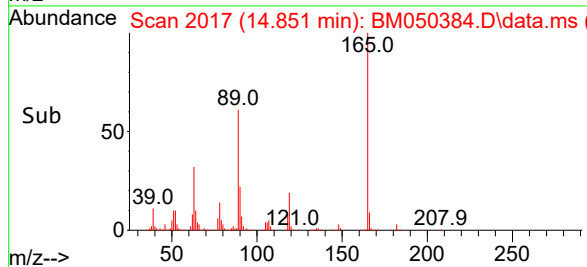
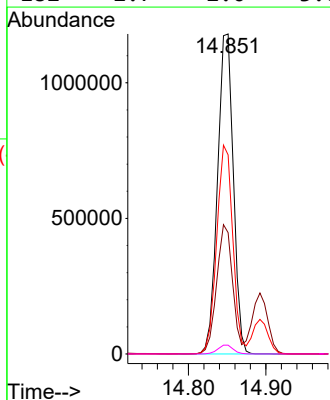
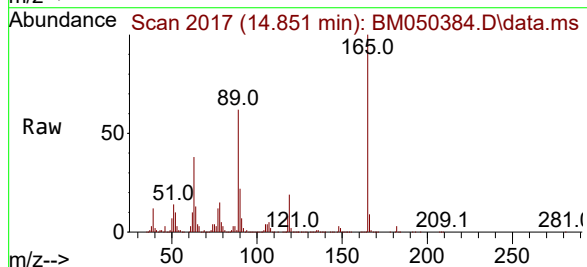
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

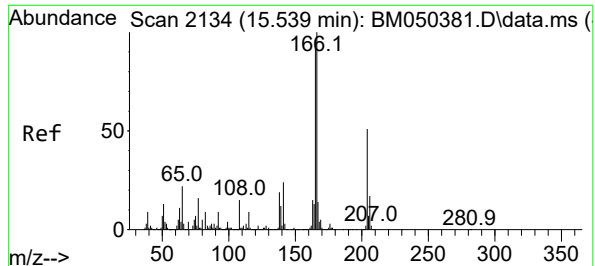
Tgt Ion:139 Resp: 1075848
Ion Ratio Lower Upper
139 100
109 71.9 56.5 96.5
65 87.8 76.4 116.4



#57
2,4-Dinitrotoluene
Concen: 79.189 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1674329
Ion Ratio Lower Upper
165 100
63 37.9 32.5 48.7
89 62.2 54.0 81.0
182 2.7 2.0 3.0

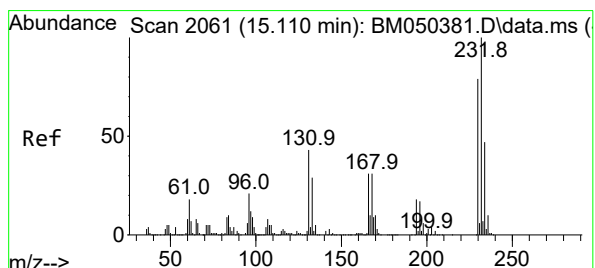
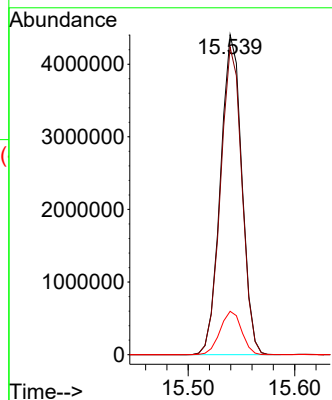
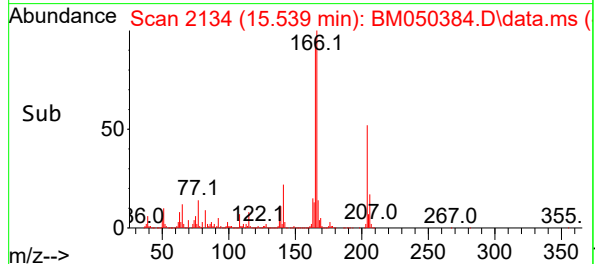
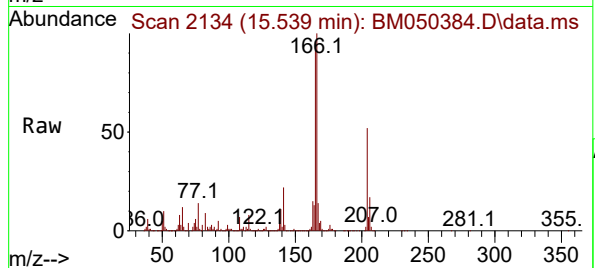




#58
Fluorene
Concen: 81.530 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

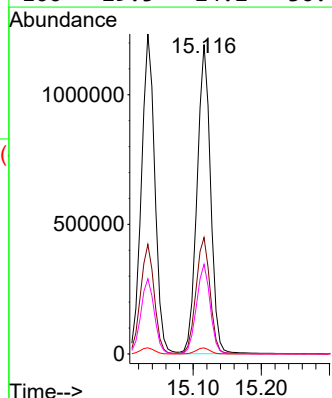
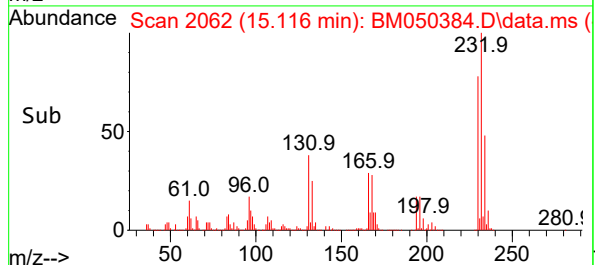
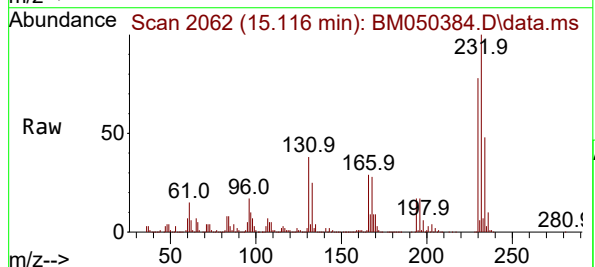
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

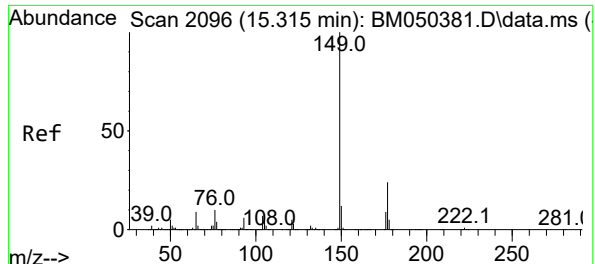
Tgt Ion:166 Resp: 6138107
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.6 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 87.136 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:232 Resp: 1636646
Ion Ratio Lower Upper
232 100
131 39.2 33.4 50.0
130 2.1 1.8 2.6
166 29.5 24.2 36.4

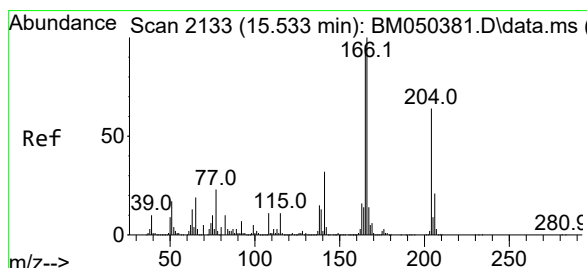
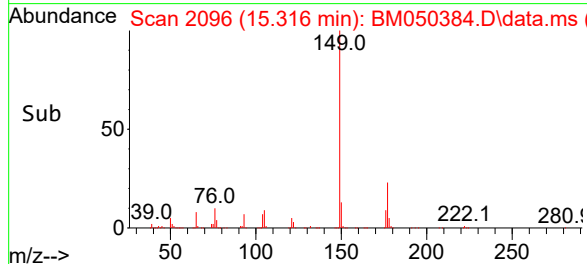
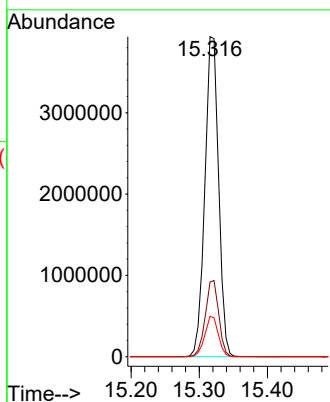
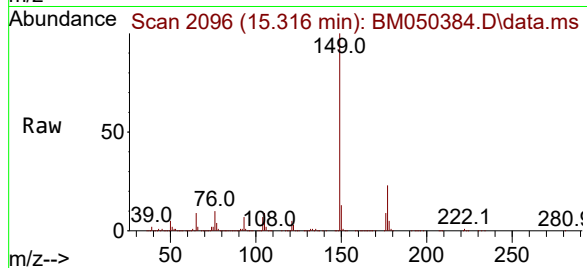




#60
Diethylphthalate
Concen: 80.291 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

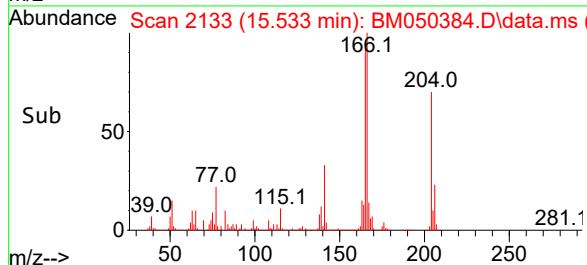
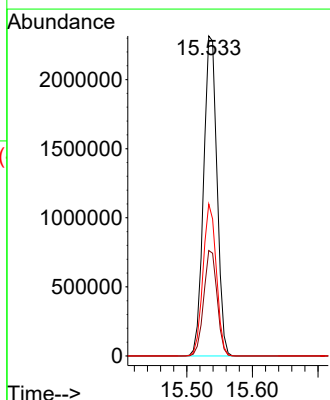
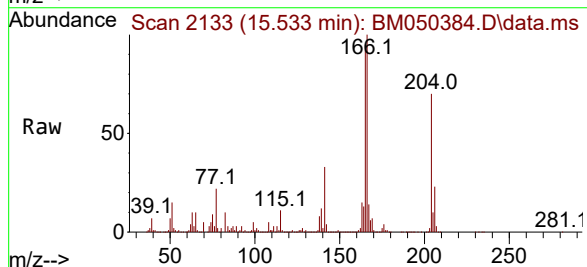
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

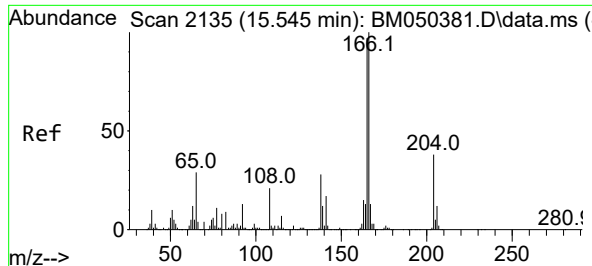
Tgt Ion:149 Resp: 5511226
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.6 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 83.798 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:204 Resp: 3298863
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 47.5 39.9 59.9

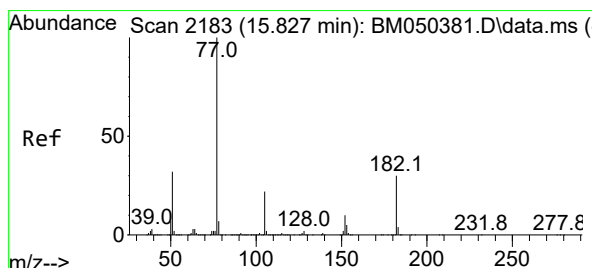
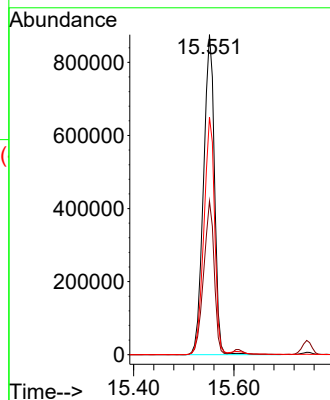
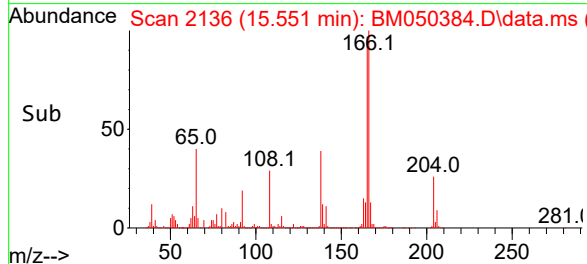
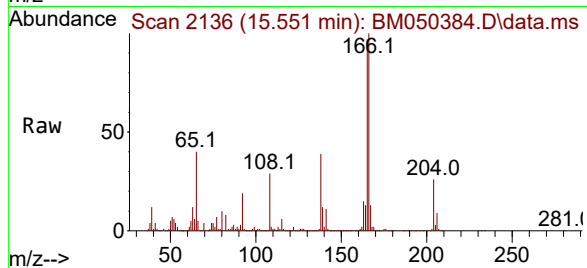




#62
4-Nitroaniline
Concen: 77.536 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

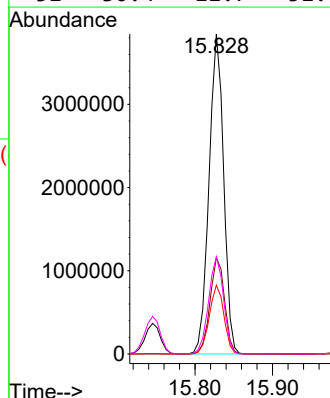
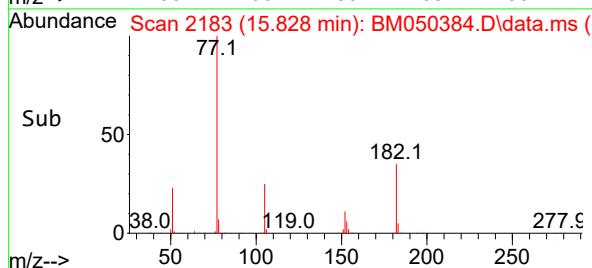
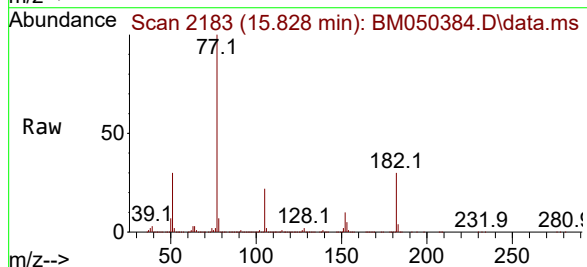
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

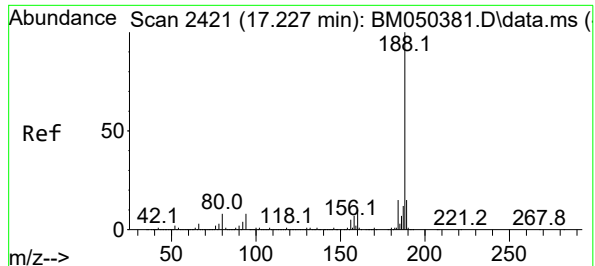
Tgt Ion:138 Resp: 1336300
Ion Ratio Lower Upper
138 100
92 48.0 24.5 64.5
108 74.2 52.5 92.5



#63
Azobenzene
Concen: 79.741 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 77 Resp: 5026045
Ion Ratio Lower Upper
77 100
182 30.1 10.0 50.0
105 21.5 2.0 42.0
51 30.4 11.7 51.7

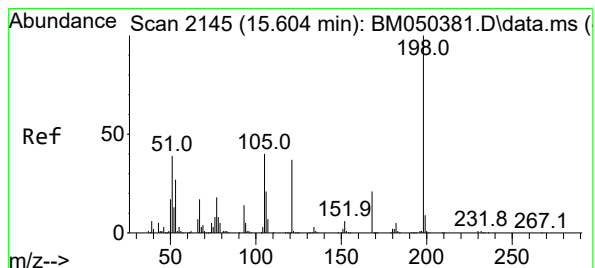
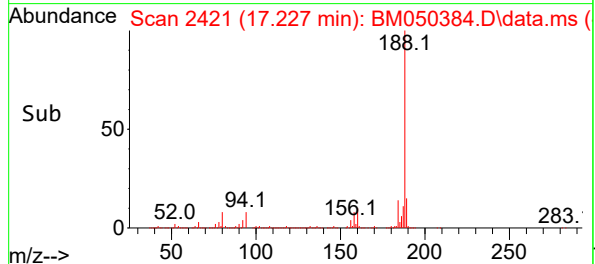
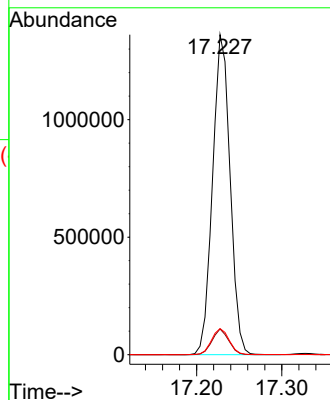
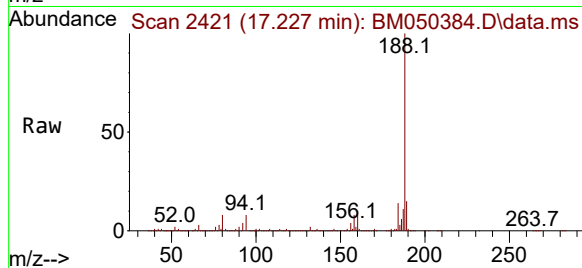




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

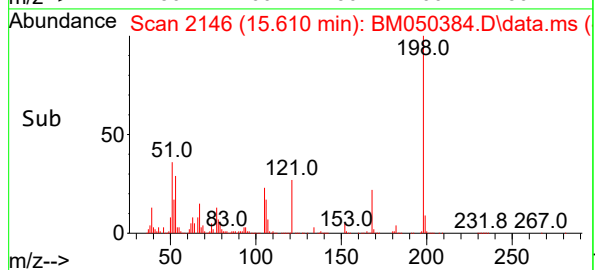
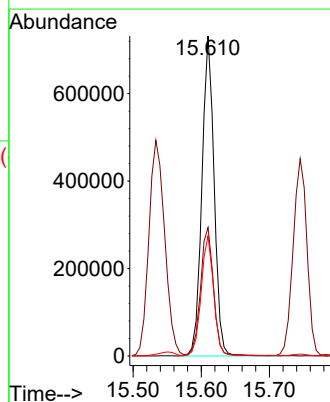
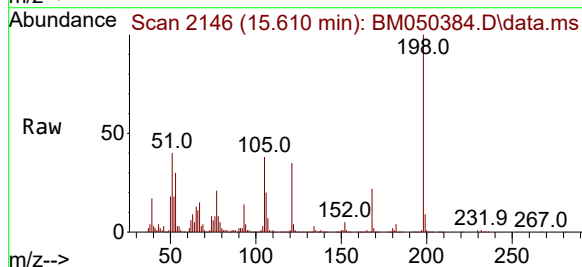
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

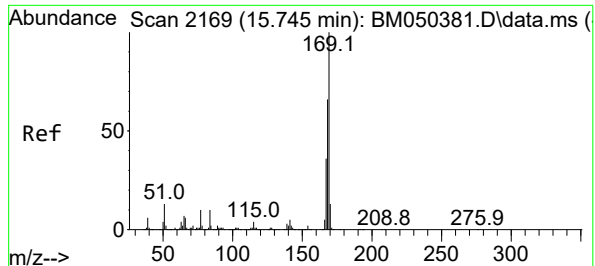
Tgt Ion:188 Resp: 1944455
Ion Ratio Lower Upper
188 100
94 8.1 6.0 9.0
80 8.1 6.5 9.7



#65
4,6-Dinitro-2-methylphenol
Concen: 82.140 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:198 Resp: 912781
Ion Ratio Lower Upper
198 100
51 40.1 26.6 66.6
105 37.5 20.9 60.9

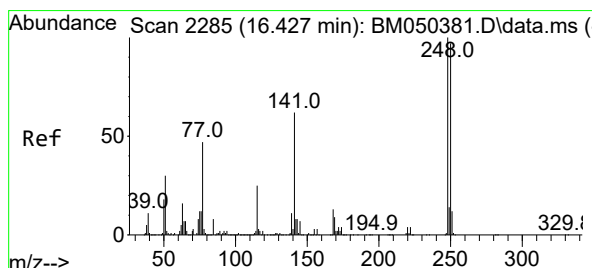
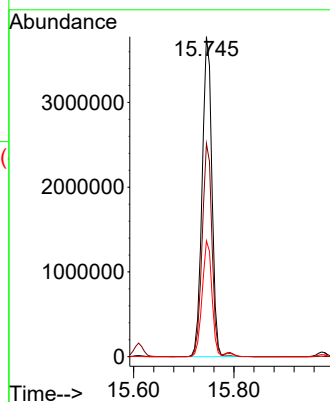
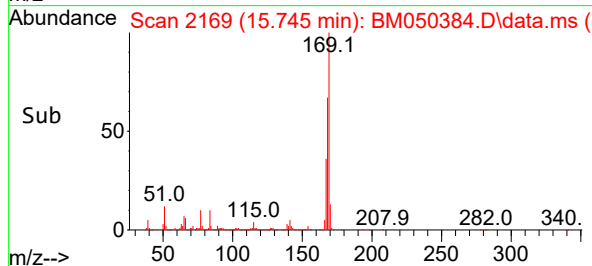
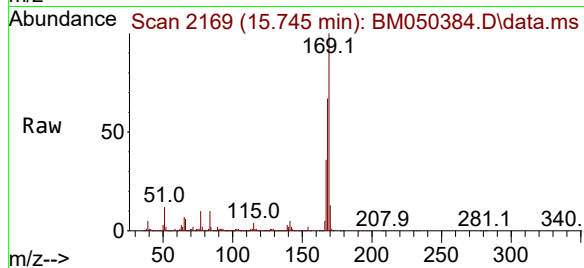




#66
n-Nitrosodiphenylamine
Concen: 83.592 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

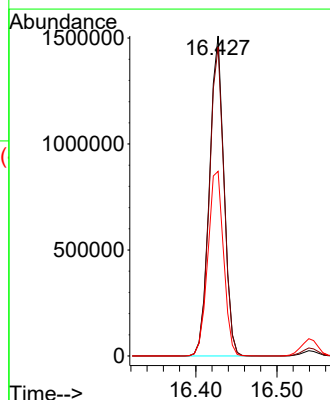
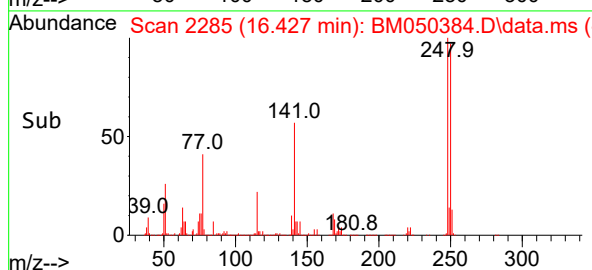
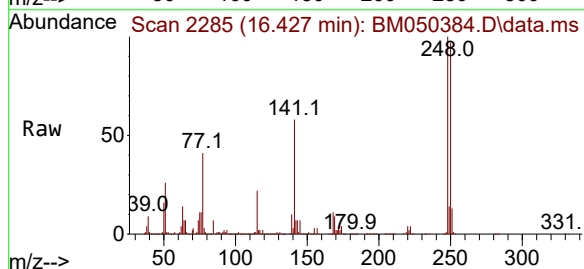
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

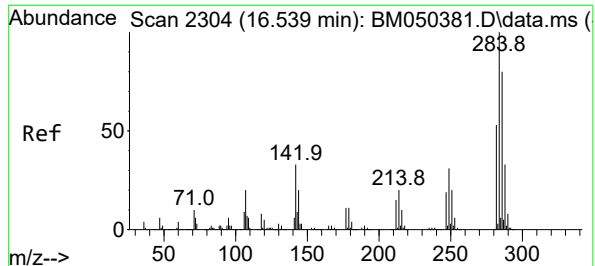
Tgt Ion:169 Resp: 5086187
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.2 28.7 43.1



#67
4-Bromophenyl-phenylether
Concen: 87.664 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:248 Resp: 1878071
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 57.7 49.7 74.5

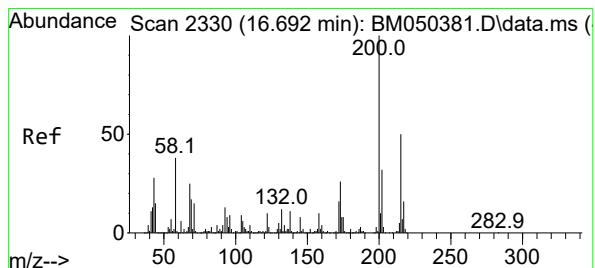
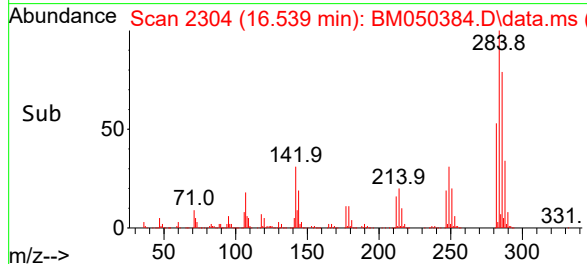
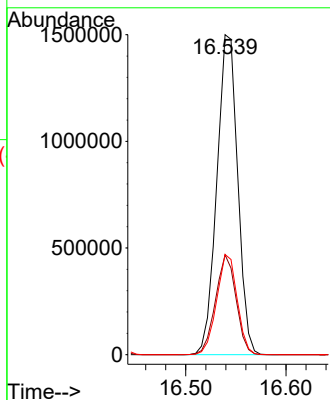
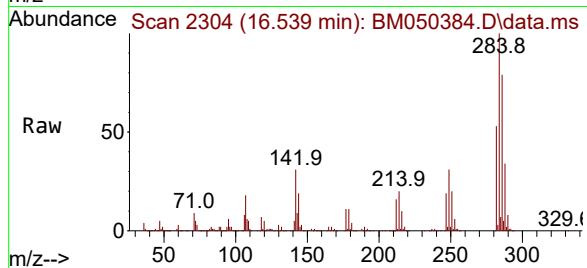




#68
Hexachlorobenzene
Concen: 85.534 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

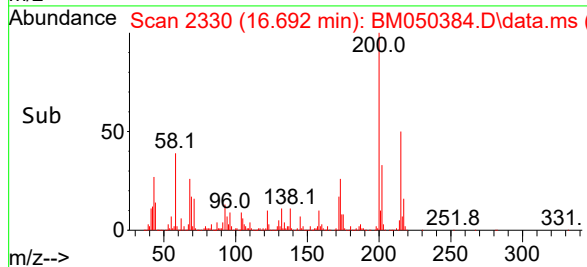
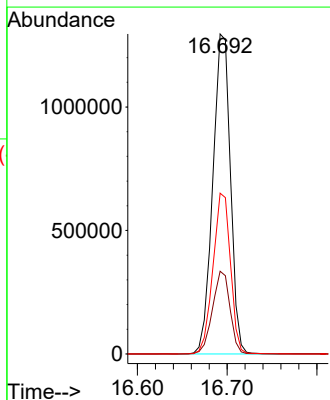
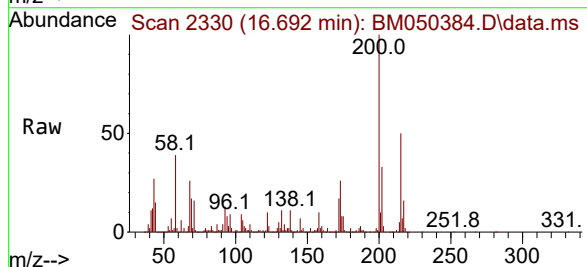
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

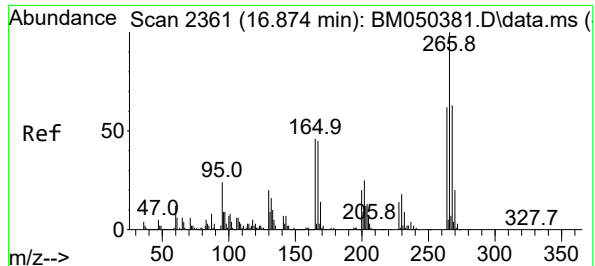
Tgt Ion:284 Resp: 2164238
Ion Ratio Lower Upper
284 100
142 31.2 26.8 40.2
249 31.3 24.5 36.7



#69
Atrazine
Concen: 88.450 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:200 Resp: 1767182
Ion Ratio Lower Upper
200 100
173 25.9 5.6 45.6
215 50.3 29.6 69.6

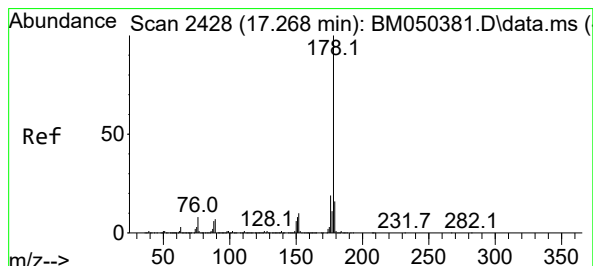
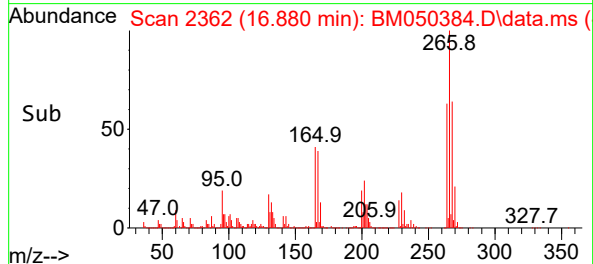
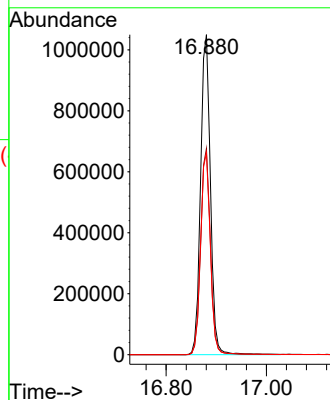
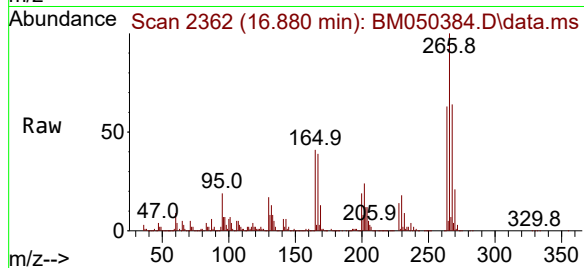




#70
Pentachlorophenol
Concen: 90.473 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

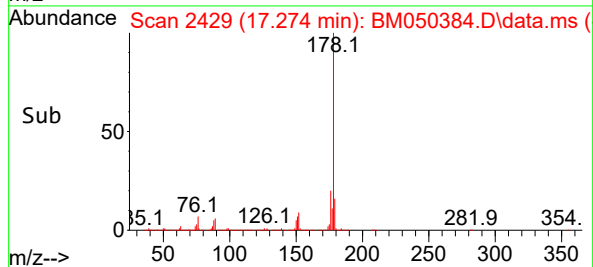
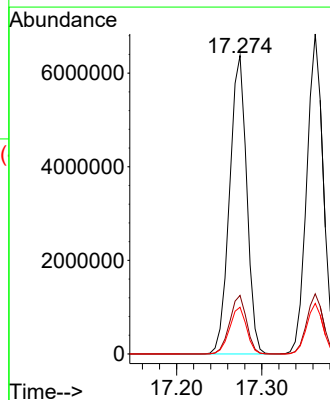
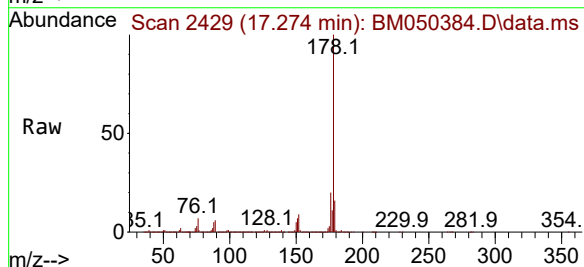
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

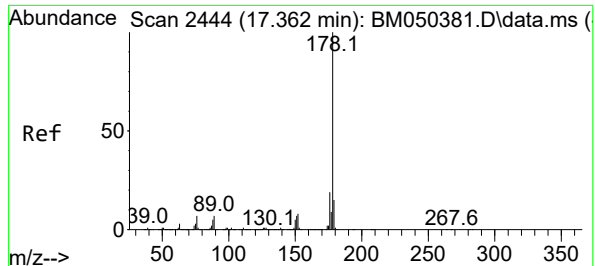
Tgt Ion:266 Resp: 1425059
Ion Ratio Lower Upper
266 100
268 64.4 50.5 75.7
264 63.1 49.9 74.9



#71
Phenanthrene
Concen: 80.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:178 Resp: 8893346
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.5 18.7

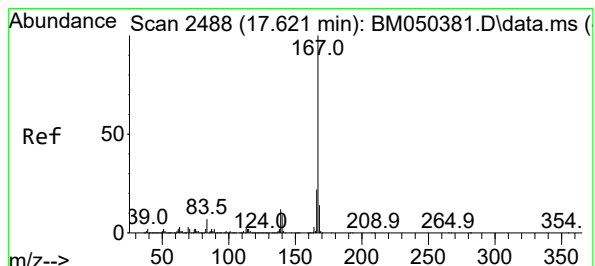
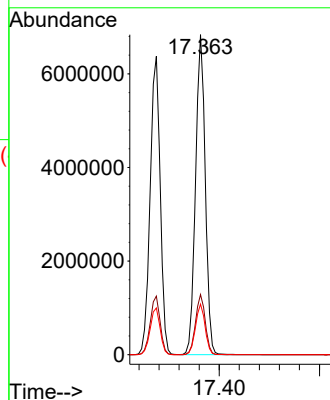
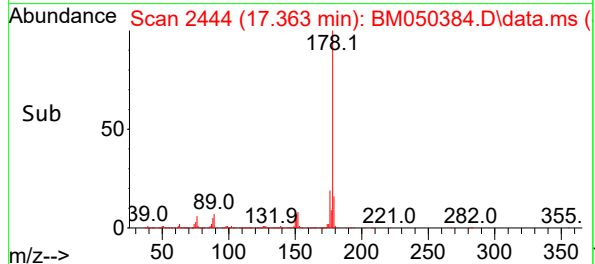
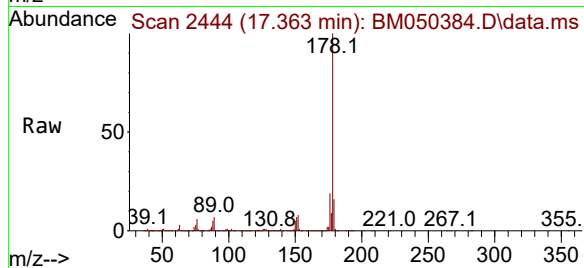




#72
Anthracene
Concen: 83.709 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

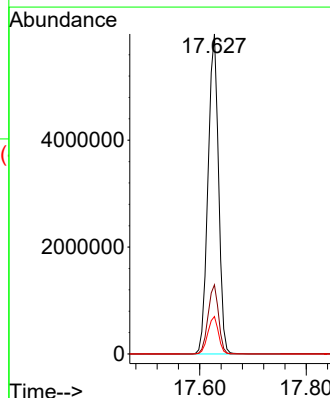
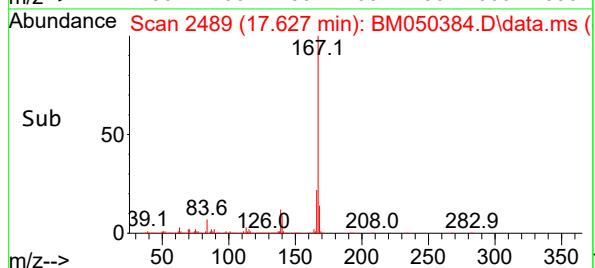
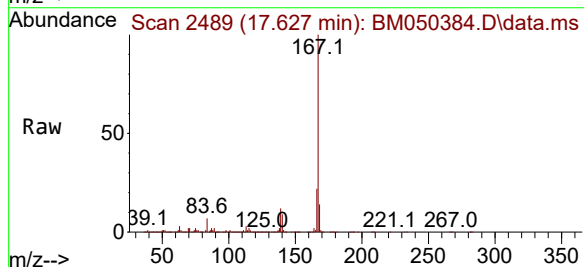
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

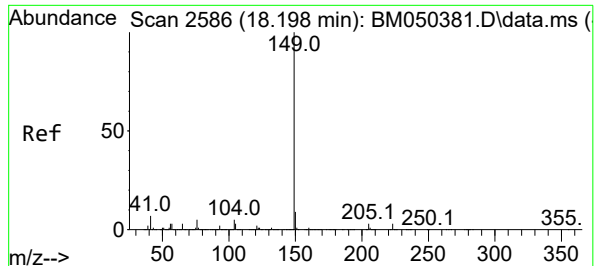
Tgt Ion:178 Resp: 9167986
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.8 12.2 18.4



#73
Carbazole
Concen: 82.547 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:167 Resp: 8180242
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 11.7 9.9 14.9

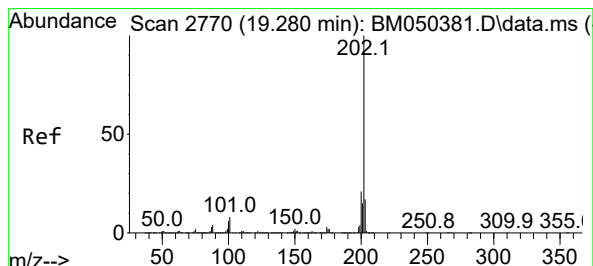
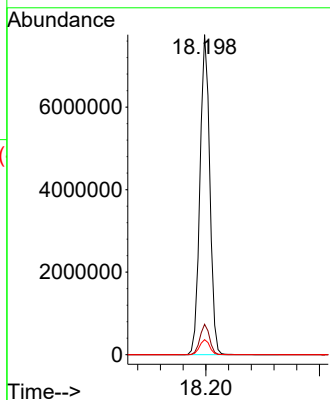
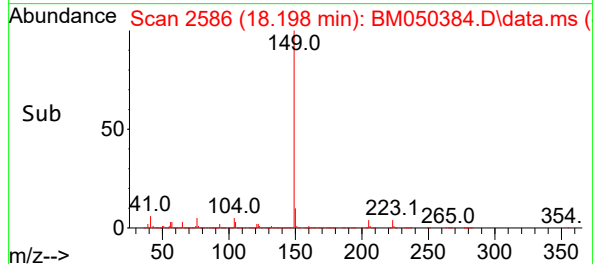
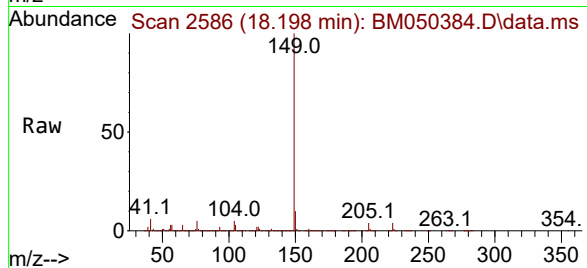




#74
Di-n-butylphthalate
Concen: 85.749 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

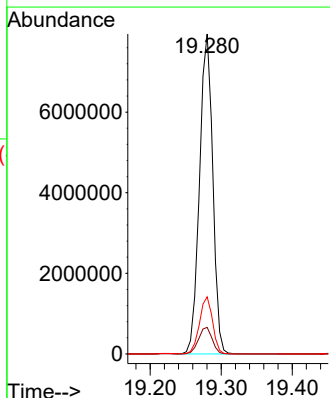
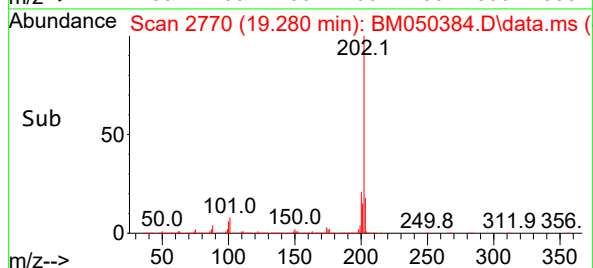
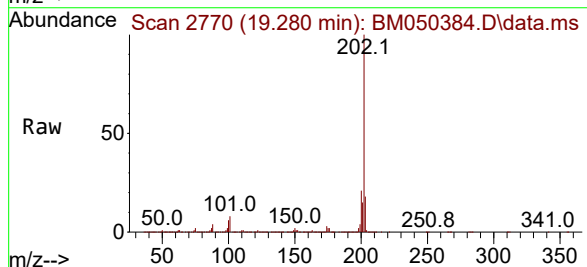
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

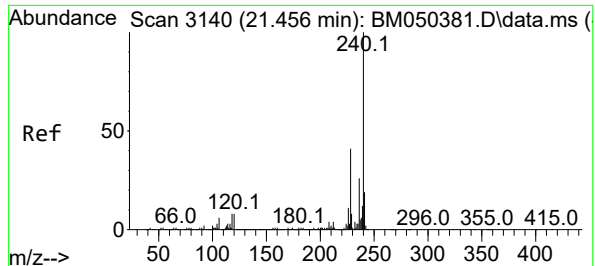
Tgt Ion:149 Resp: 9300935
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.7 3.9 5.9



#75
Fluoranthene
Concen: 86.256 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:202 Resp:10317307
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.9 0.0 37.2

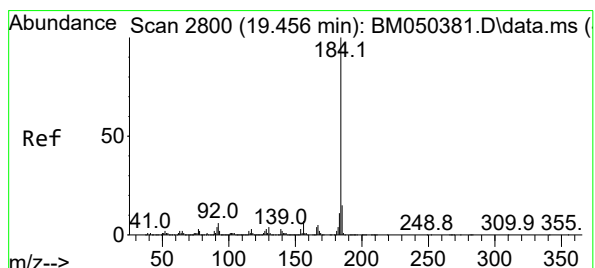
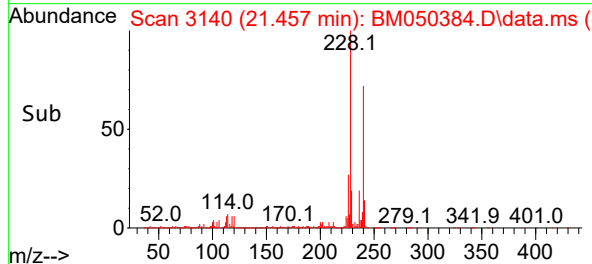
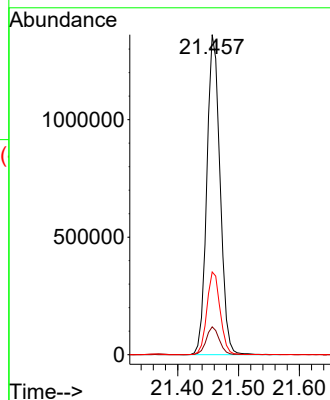
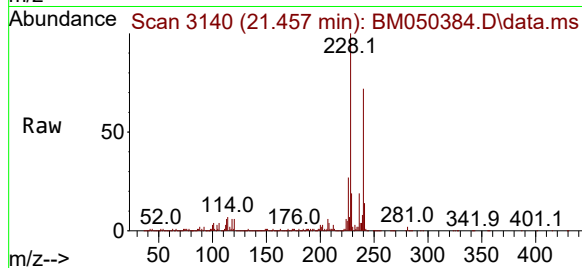




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

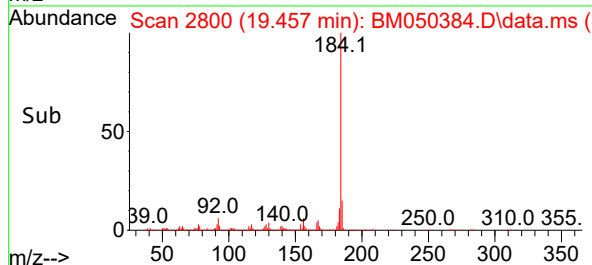
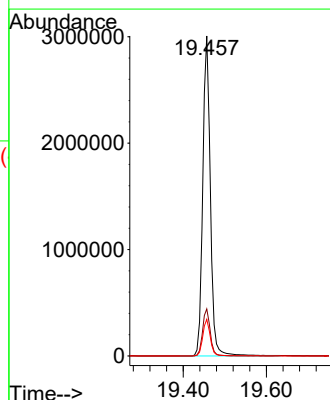
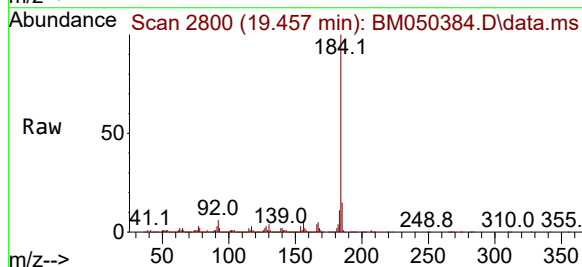
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

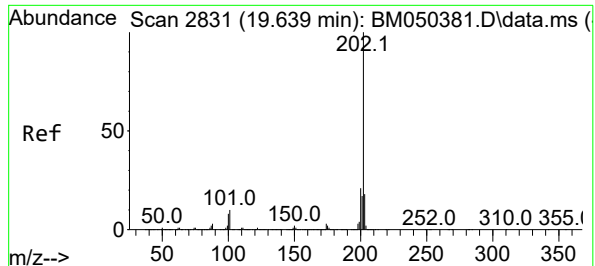
Tgt Ion:240 Resp: 2055292
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 25.8 20.7 31.1



#77
Benzidine
Concen: 72.819 ng
RT: 19.457 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:184 Resp: 3817410
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.4 9.0 13.6

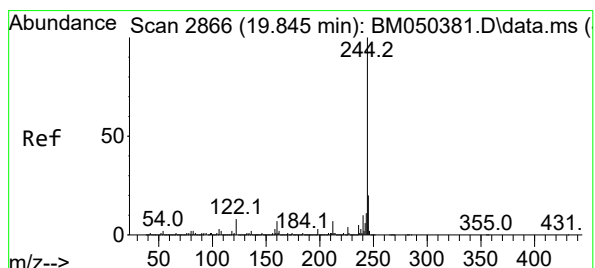
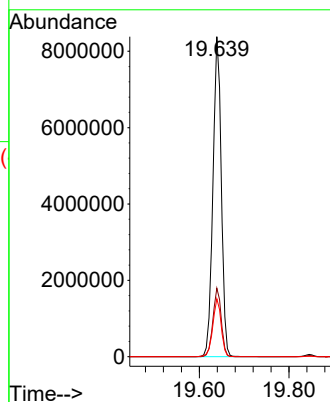
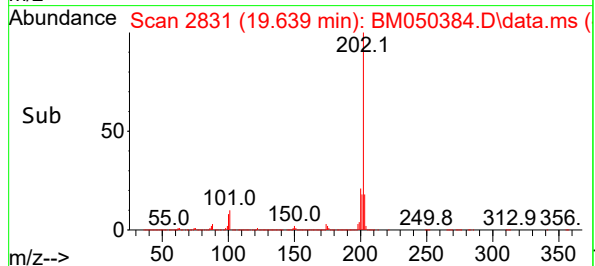
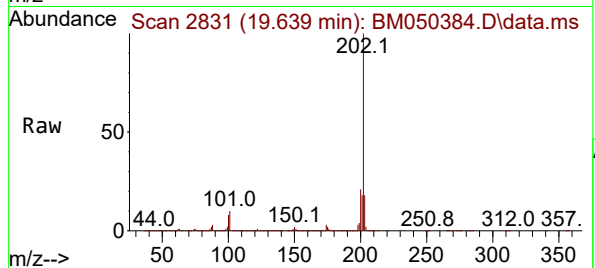




#78
Pyrene
Concen: 82.185 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

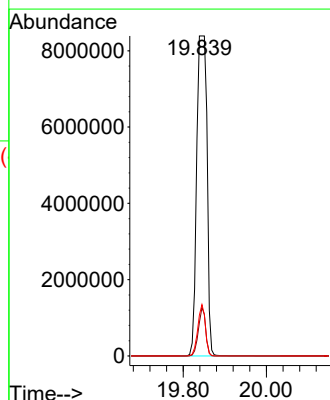
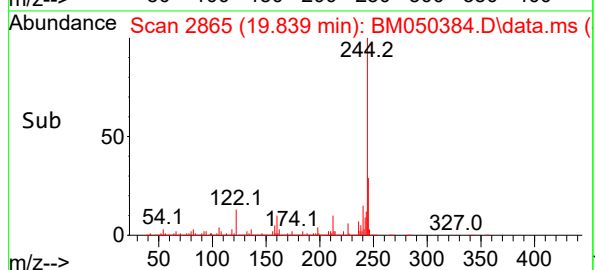
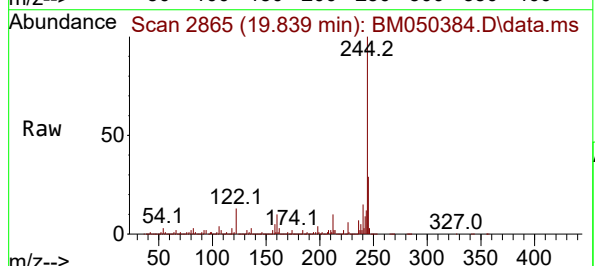
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

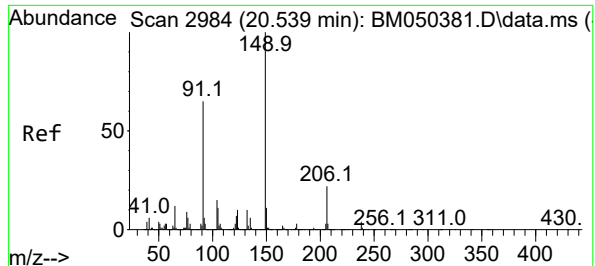
Tgt Ion:202 Resp:10818153
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 123.577 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:244 Resp:14435460
Ion Ratio Lower Upper
244 100
212 10.5 5.7 8.5#
122 12.8 6.2 9.2#

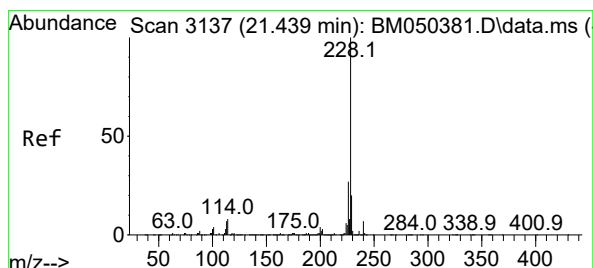
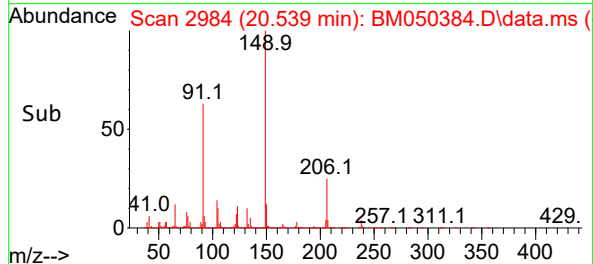
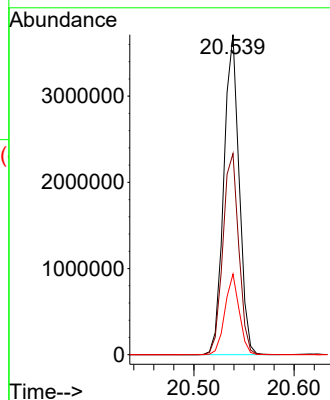
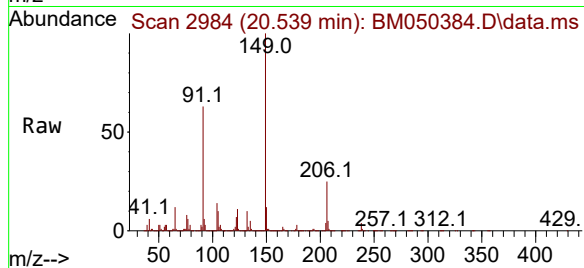




#80
Butylbenzylphthalate
Concen: 90.734 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

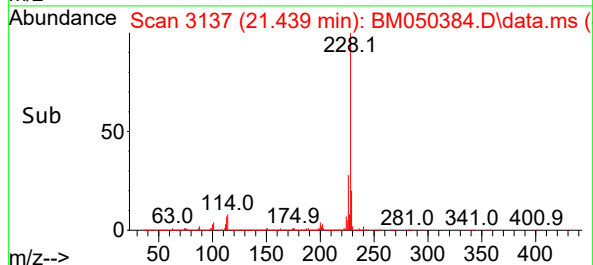
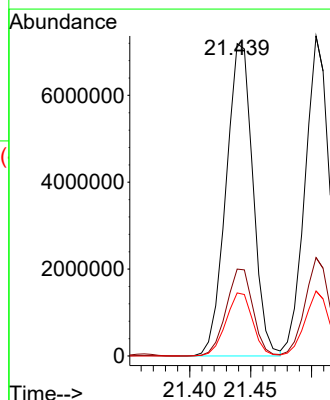
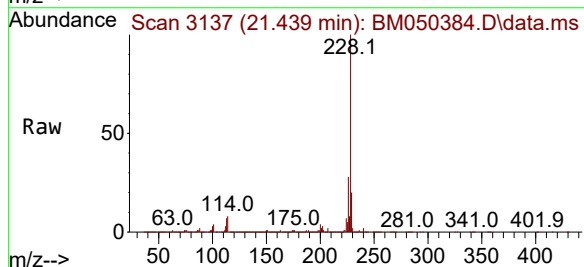
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

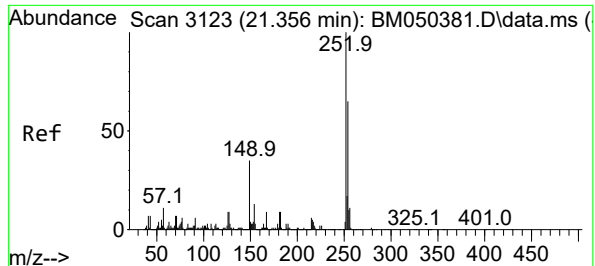
Tgt Ion:149 Resp: 3938114
Ion Ratio Lower Upper
149 100
91 62.9 51.6 77.4
206 25.2 17.8 26.8



#81
Benzo(a)anthracene
Concen: 82.558 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:11055858
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.2 16.0 24.0

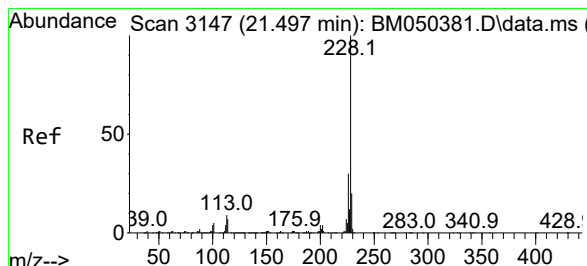
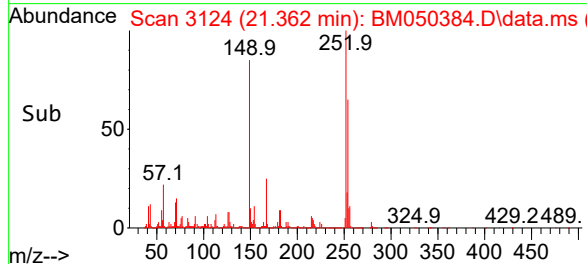
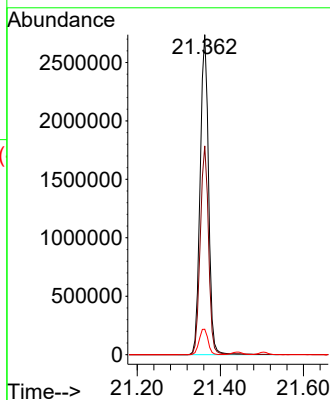
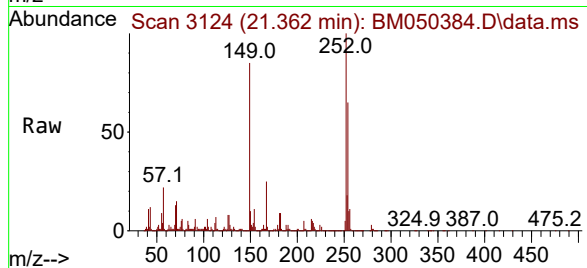




#82
3,3'-Dichlorobenzidine
Concen: 84.699 ng
RT: 21.362 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

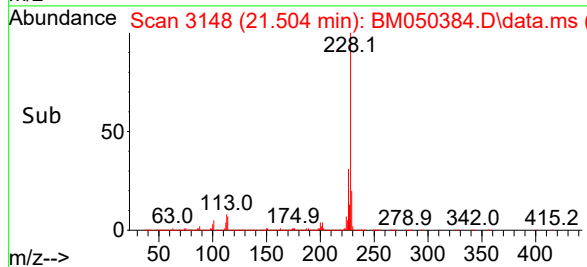
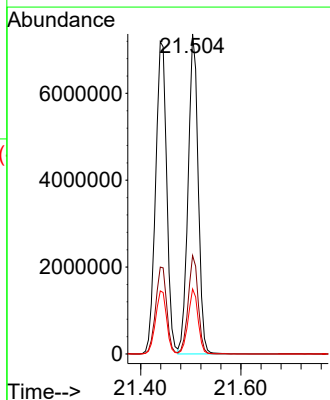
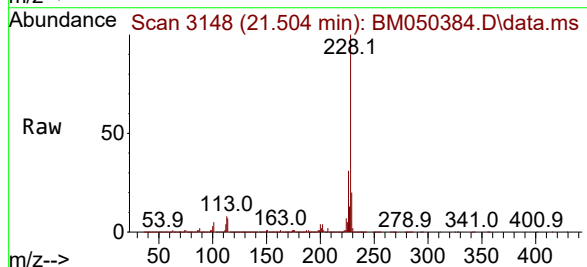
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

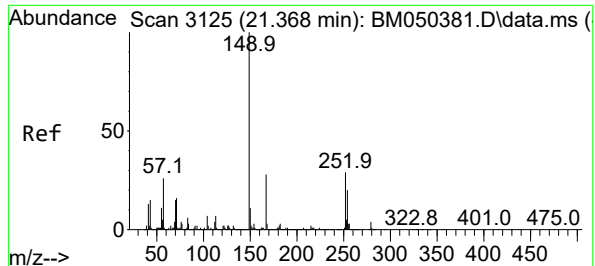
Tgt Ion:252 Resp: 3825108
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 8.0 7.3 10.9



#83
Chrysene
Concen: 81.310 ng
RT: 21.504 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:10270454
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.3 15.8 23.6

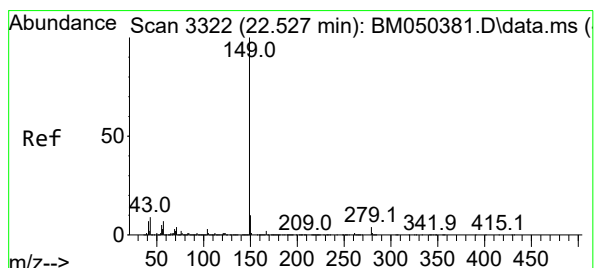
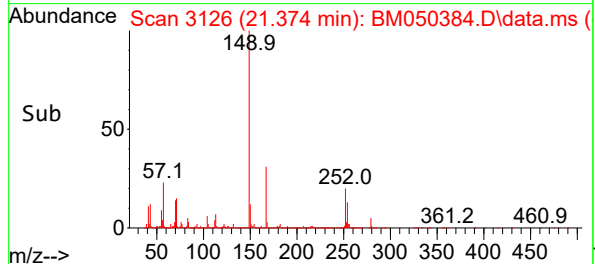
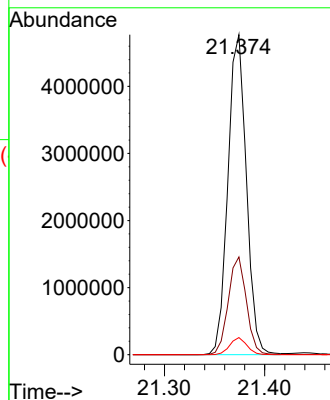
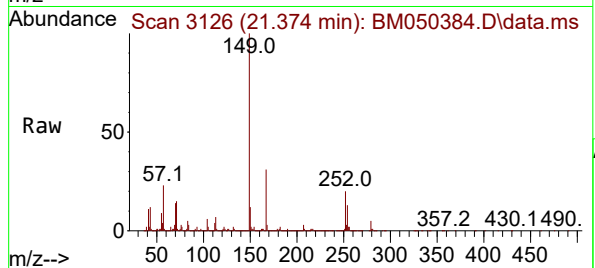




#84
Bis(2-ethylhexyl)phthalate
Concen: 88.540 ng
RT: 21.374 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

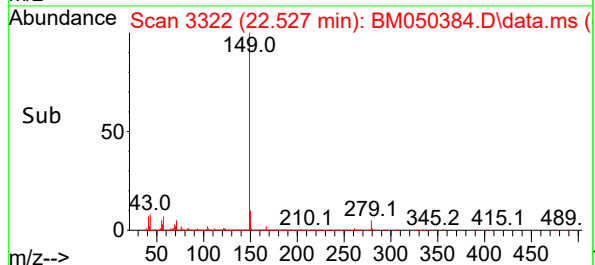
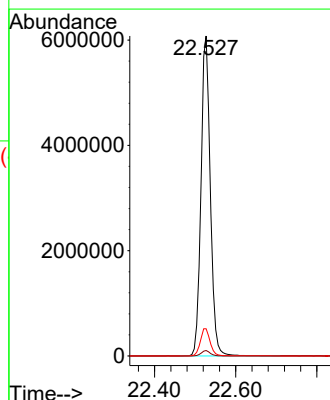
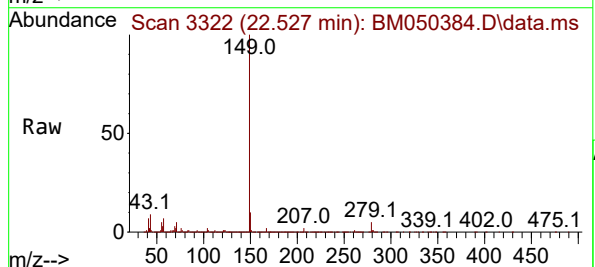
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

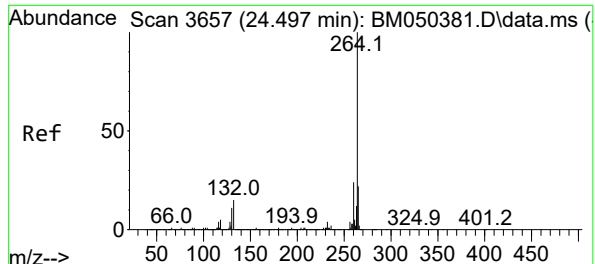
Tgt Ion:149 Resp: 6100517
Ion Ratio Lower Upper
149 100
167 30.5 22.7 34.1
279 5.4 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 90.093 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:149 Resp: 9722259
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.7 11.5

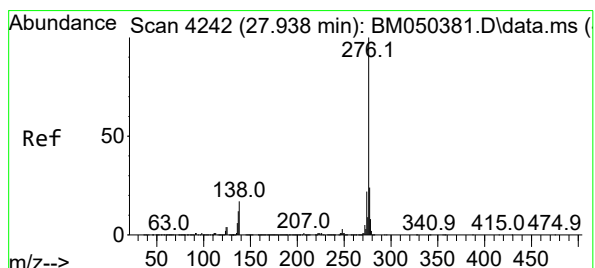
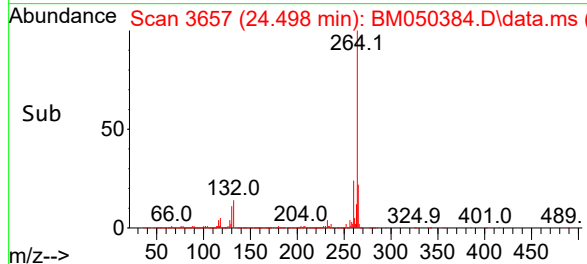
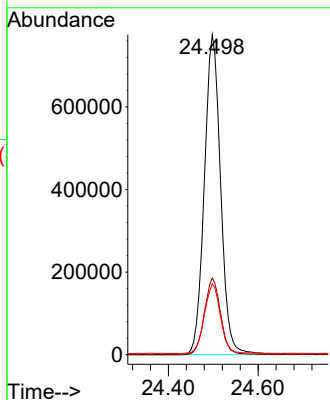
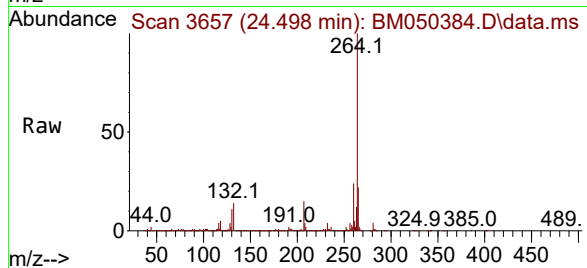




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

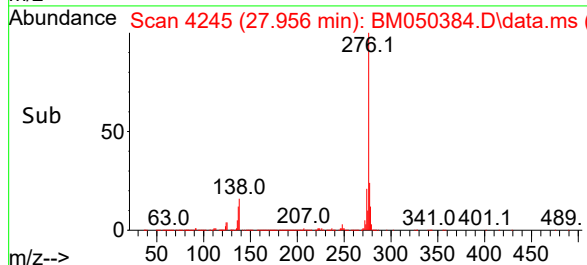
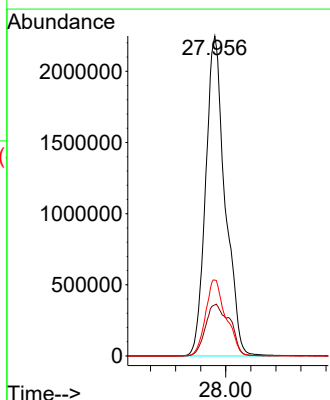
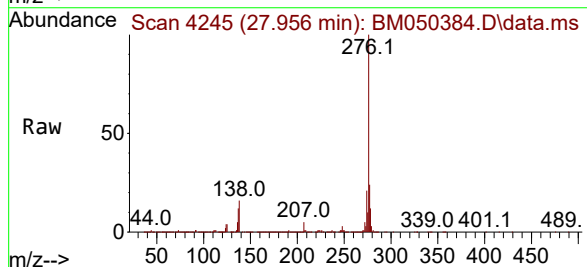
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

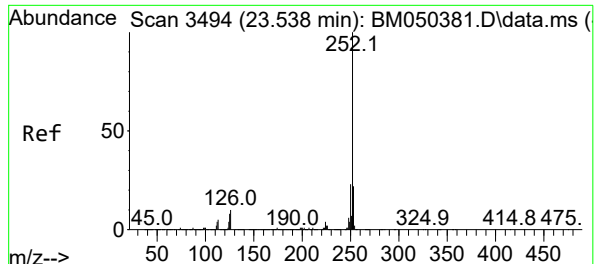
Tgt Ion:264 Resp: 1953481
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 87.270 ng
RT: 27.956 min Scan# 4245
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:276 Resp:12120915
Ion Ratio Lower Upper
276 100
138 20.4 17.0 25.6
277 25.1 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 86.316 ng

RT: 23.545 min Scan# 3495

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

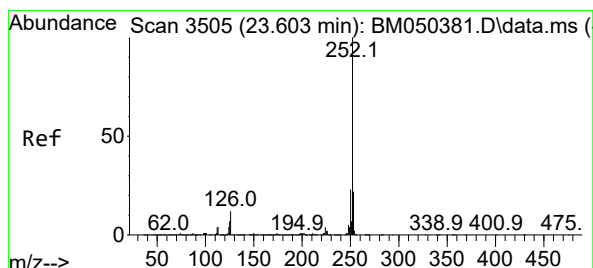
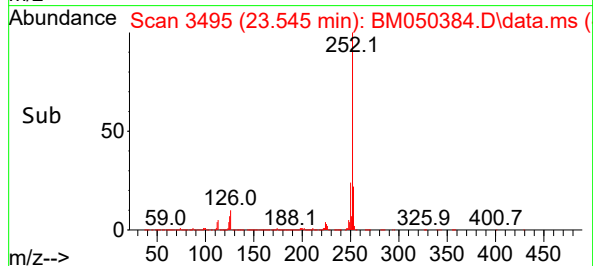
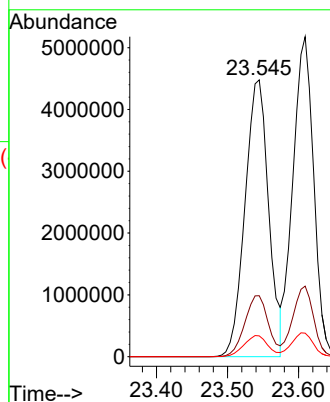
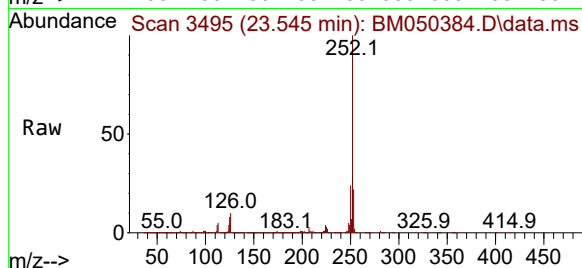
Tgt Ion:252 Resp:10371642

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.5 6.3 9.5



#89

Benzo(k)fluoranthene

Concen: 84.592 ng

RT: 23.609 min Scan# 3506

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

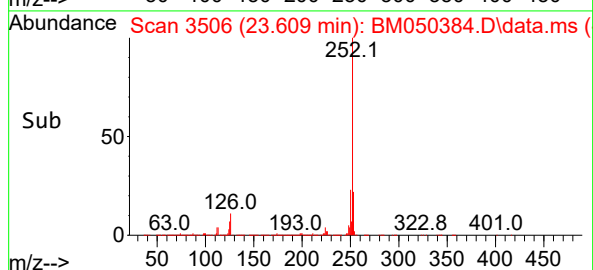
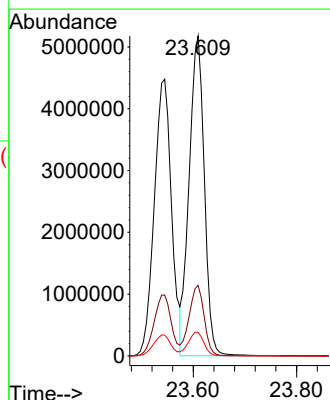
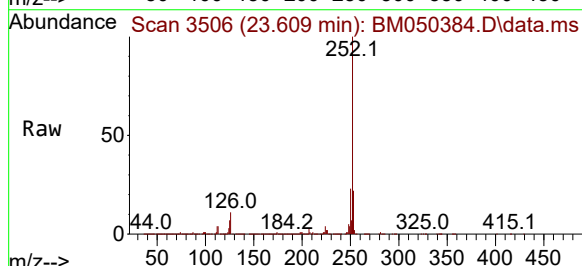
Tgt Ion:252 Resp:10546917

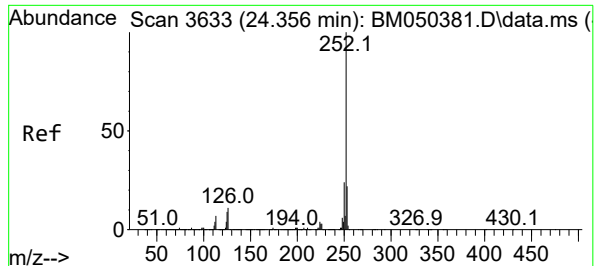
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 7.3 6.2 9.2

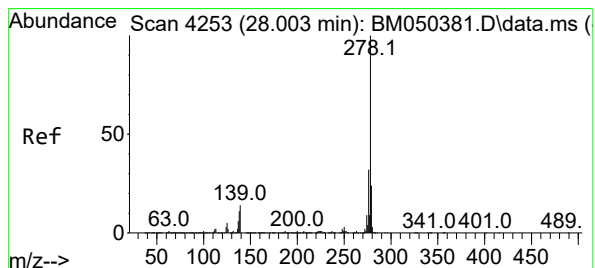
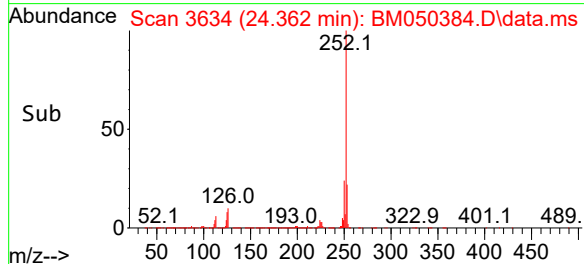
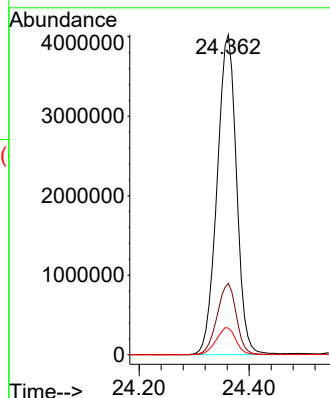
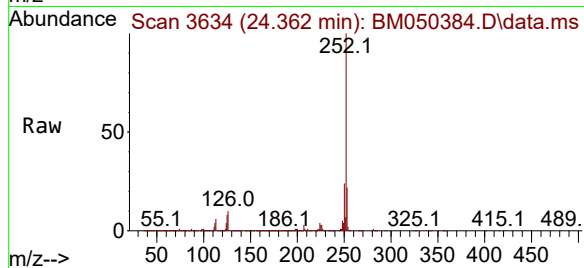




#90
Benzo(a)pyrene
Concen: 87.833 ng
RT: 24.362 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

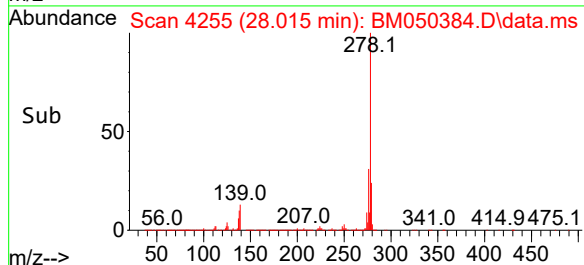
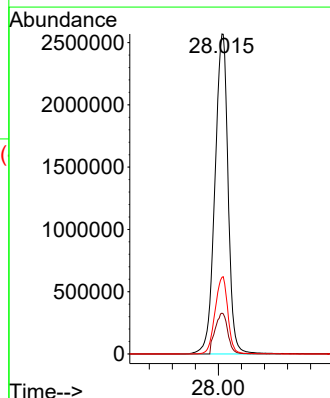
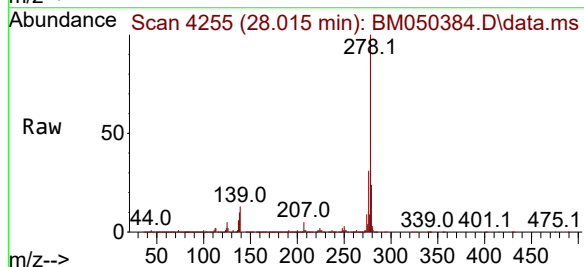
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

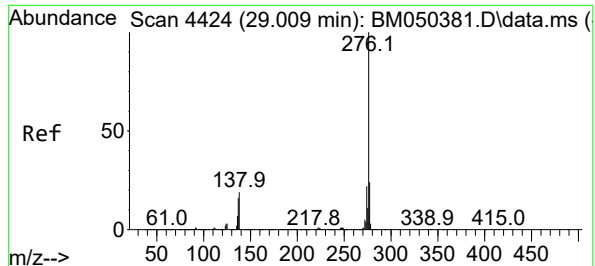
Tgt Ion:252 Resp: 9879526
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.3 7.0 10.4



#91
Dibenzo(a,h)anthracene
Concen: 86.905 ng
RT: 28.015 min Scan# 4255
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:278 Resp:10165335
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 24.0 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 85.979 ng

RT: 29.027 min Scan# 44

Delta R.T. 0.018 min

Lab File: BM050384.D

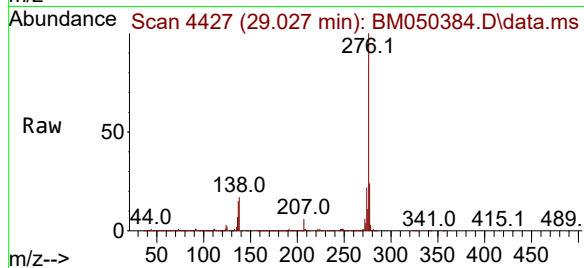
Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



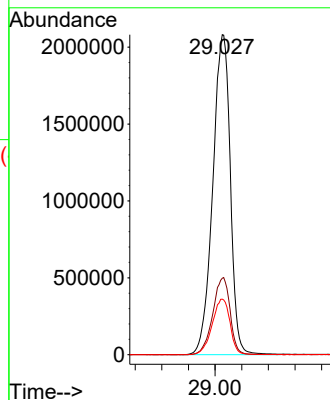
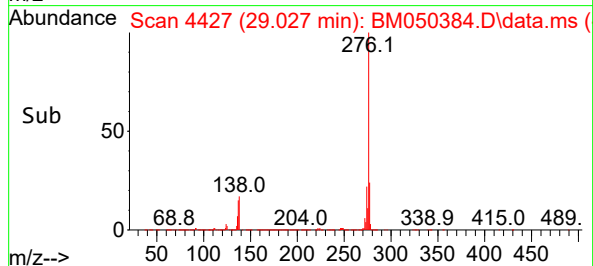
Tgt Ion:276 Resp: 9504954

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.4 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	404345	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng	0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng	0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng	0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng	0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng	99
3) Pyridine	3.734	79	1042715	41.118	ng	98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng	99
6) Aniline	7.187	93	1617701	42.568	ng	100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng	98
9) Benzaldehyde	6.998	77	799316m	45.376	ng	
10) Phenol	7.051	94	1300713	42.114	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng	97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng	99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng	99
17) 2-Methylphenol	8.298	107	855883	42.726	ng	99
18) Hexachloroethane	8.951	117	453255	41.906	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng	97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng	99
22) Acetophenone	8.686	105	1643199	42.290	ng	# 97
24) Nitrobenzene	9.063	77	1137842	41.860	ng	98
25) Isophorone	9.592	82	2120872	42.909	ng	99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng	97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng	100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng	99
31) Naphthalene	10.716	128	3258495	41.281	ng	99
32) Benzoic acid	9.951	122	593935	41.913	ng	97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng	99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng	99
35) Caprolactam	11.586	113	285315	43.156	ng	92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng	100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng	99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng	100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng	99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

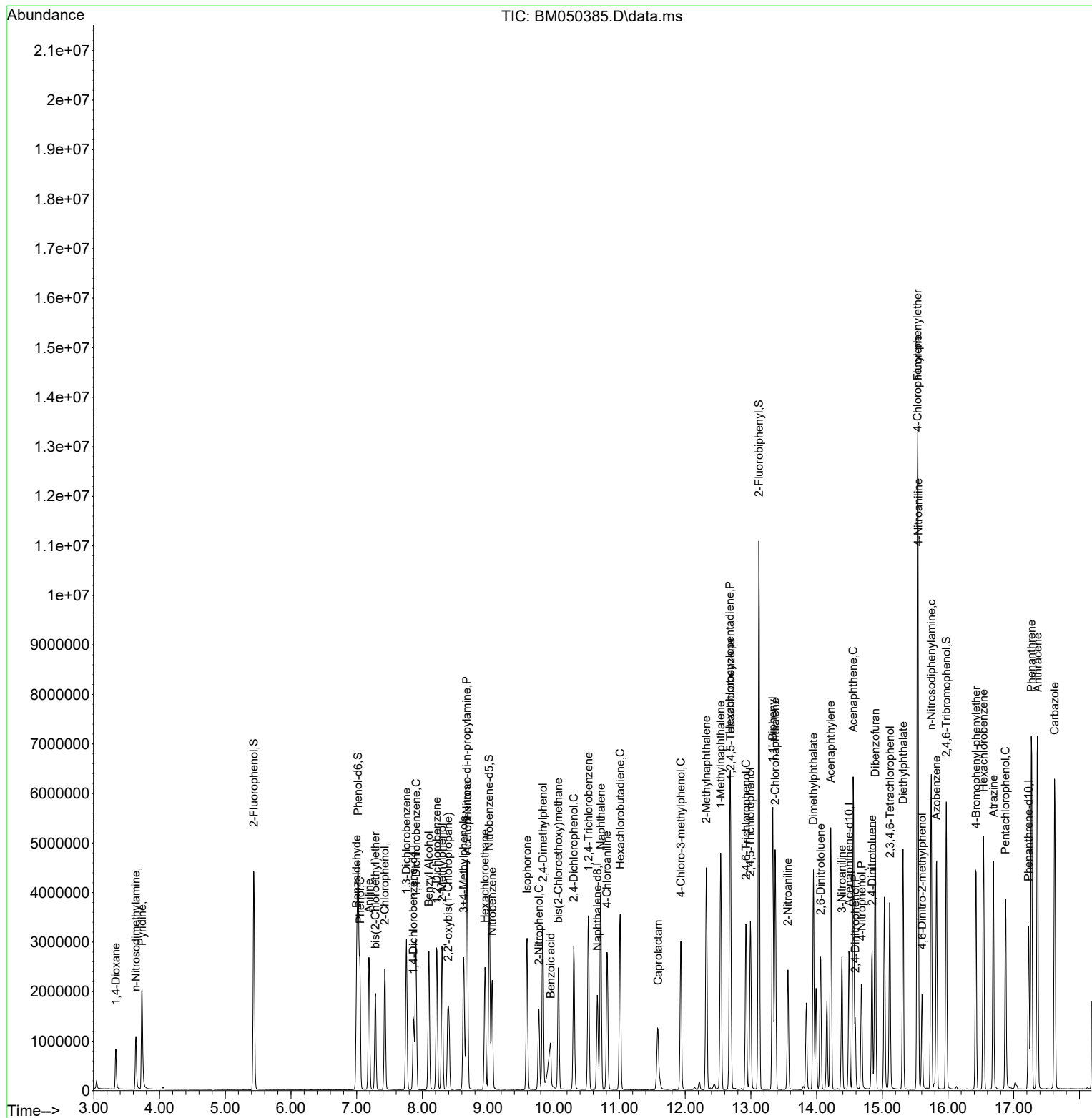
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenylether	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Abundance

TIC: BM050385.D\data.ms

Time-->

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Benzo(a)pyrene

Chrysene

3,3'-Dibenzophenanthrene

2,3-Dibenzophenanthrene

Di-n-octyl phthalate, c

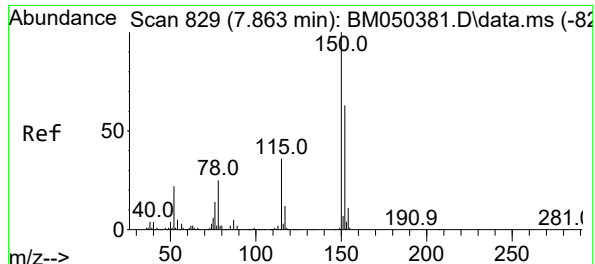
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, I

Indeno(1,2,3-cd)pyrene

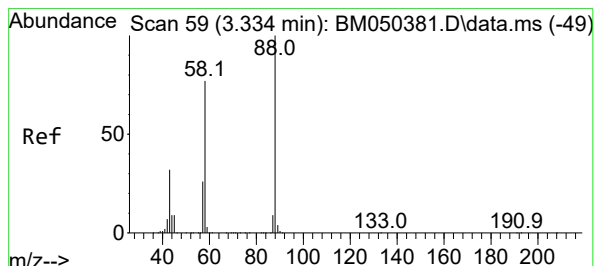
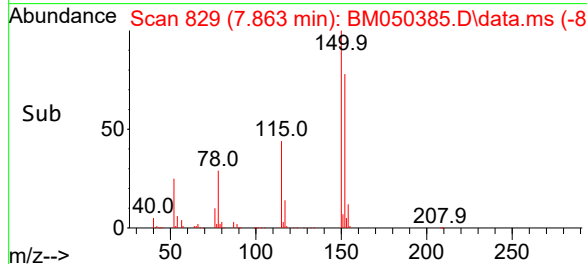
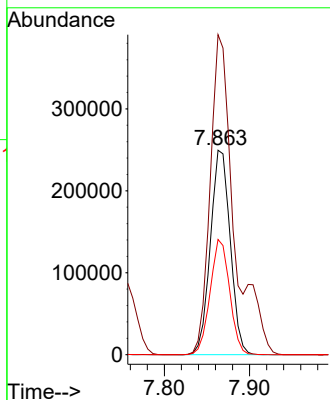
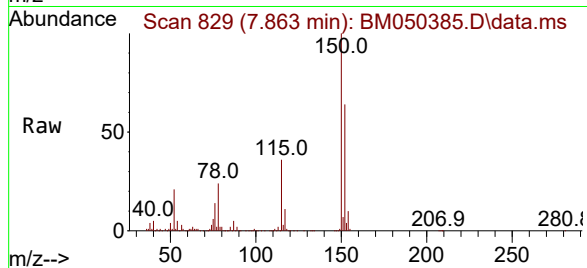
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

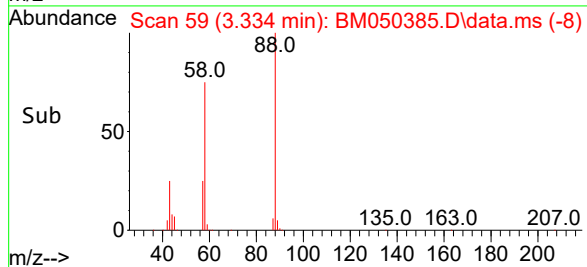
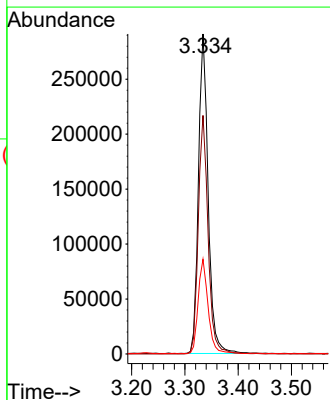
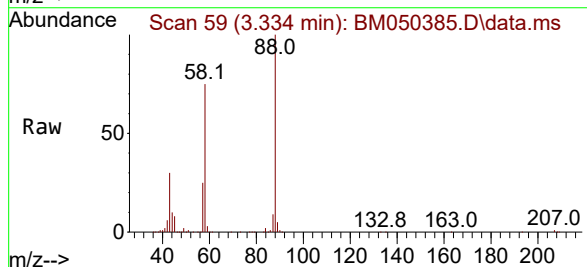
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

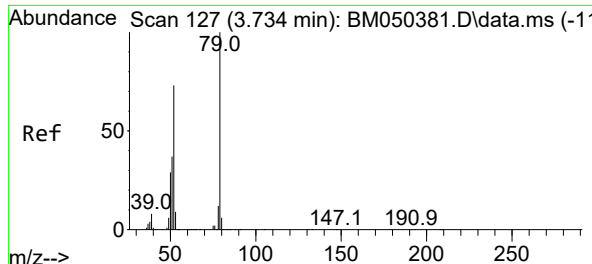
Tgt Ion:152 Resp: 404345
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 56.3 45.8 68.8



#2
1,4-Dioxane
Concen: 37.994 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 88 Resp: 366994
Ion Ratio Lower Upper
88 100
58 75.3 61.0 91.6
43 30.2 24.6 37.0

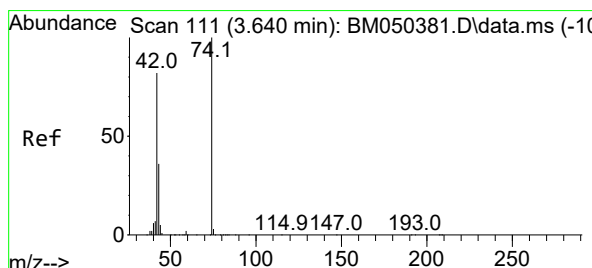
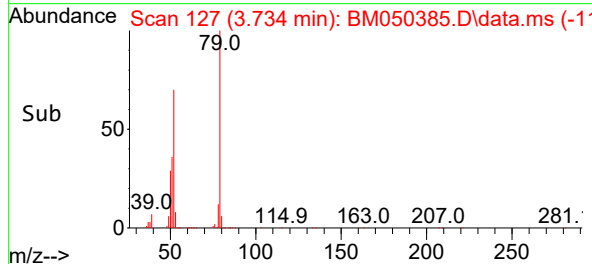
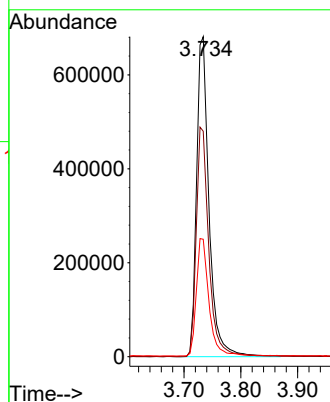
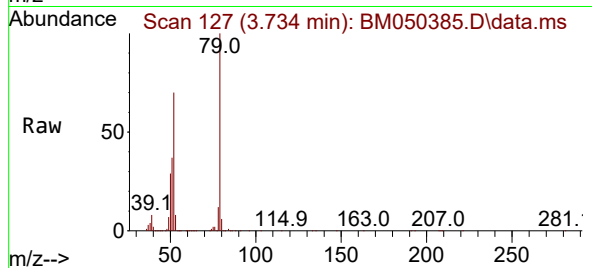




#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

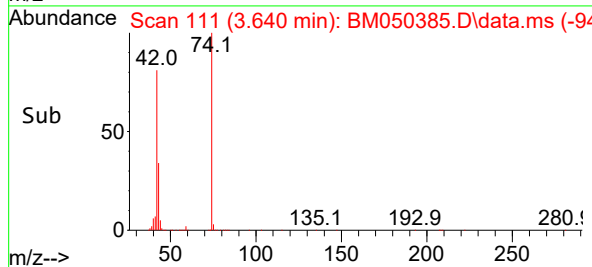
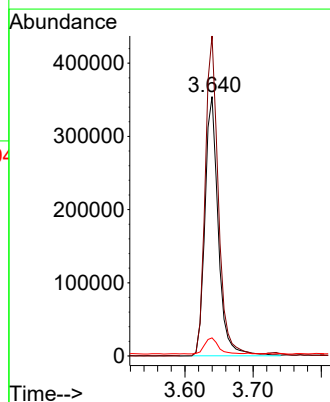
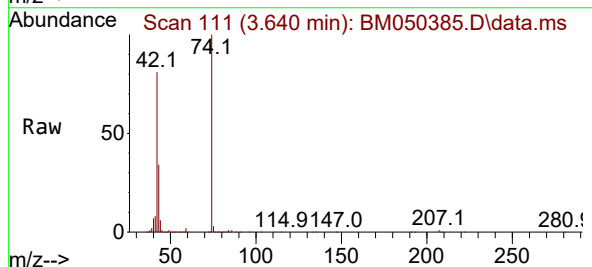
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

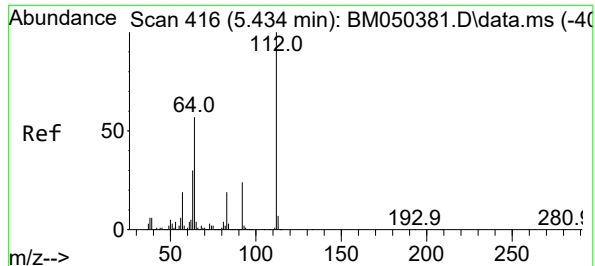
Tgt Ion: 79 Resp: 1042715
Ion Ratio Lower Upper
79 100
52 70.5 58.3 87.5
51 36.7 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

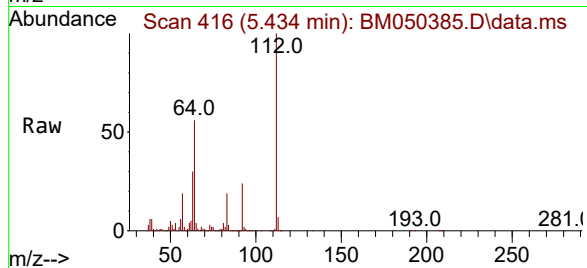
Tgt Ion: 42 Resp: 482767
Ion Ratio Lower Upper
42 100
74 123.4 97.5 146.3
44 7.0 5.7 8.5



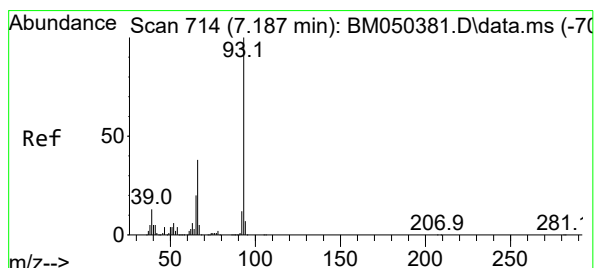
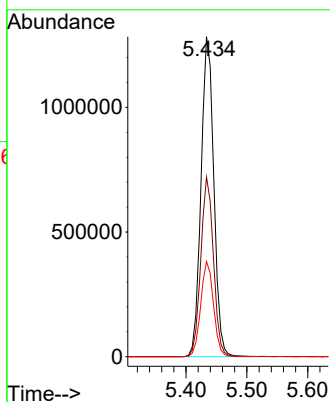
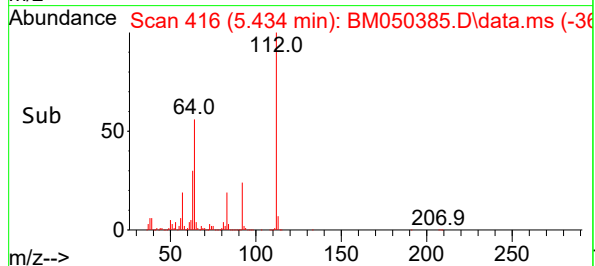


#5
2-Fluorophenol
Concen: 79.859 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

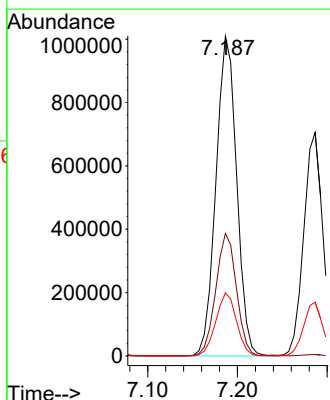
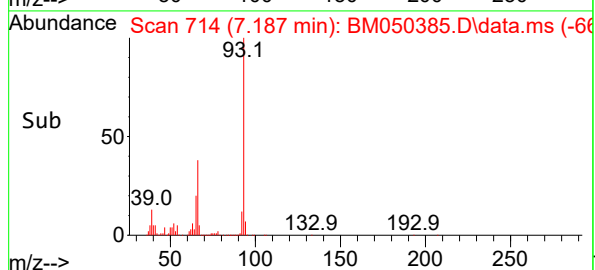
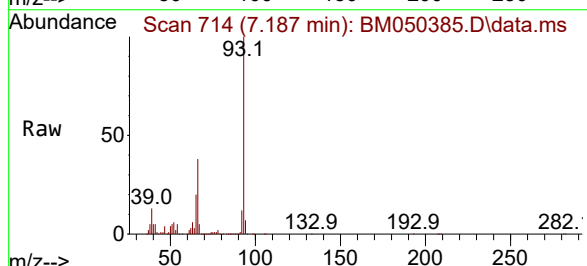


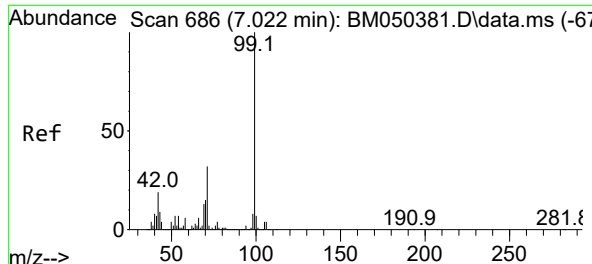
Tgt Ion:112 Resp: 1875929
Ion Ratio Lower Upper
112 100
64 56.1 45.5 68.3
63 29.8 24.2 36.4



#6
Aniline
Concen: 42.568 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1617701
Ion Ratio Lower Upper
93 100
66 38.3 30.5 45.7
65 19.7 15.9 23.9





#7

Phenol-d6

Concen: 80.660 ng

RT: 7.022 min Scan# 686

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

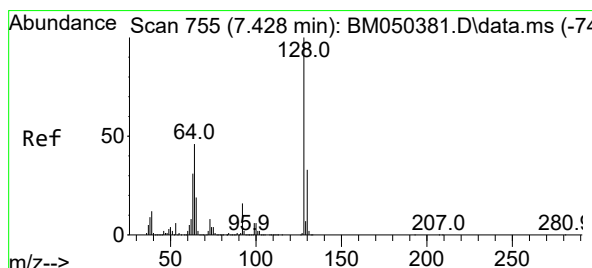
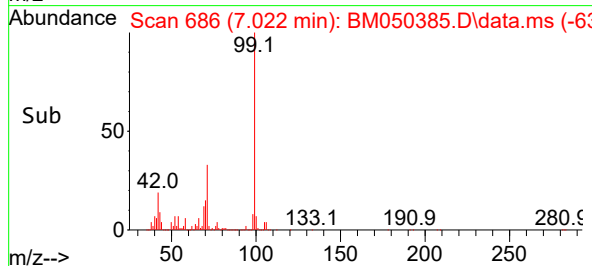
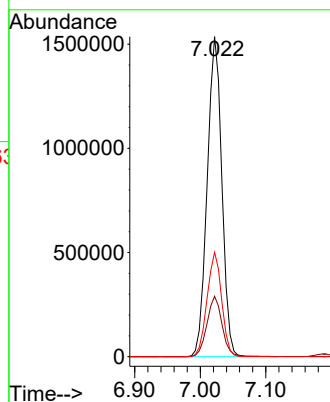
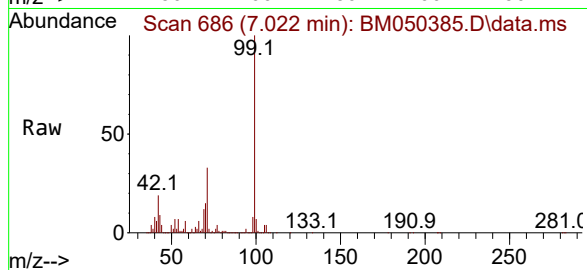
BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 99 Resp: 2388524

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.6
71	32.6	25.9	38.9



#8

2-Chlorophenol

Concen: 42.935 ng

RT: 7.428 min Scan# 755

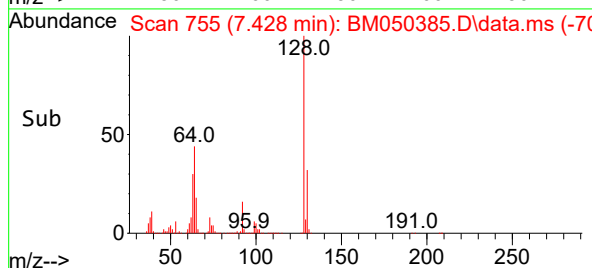
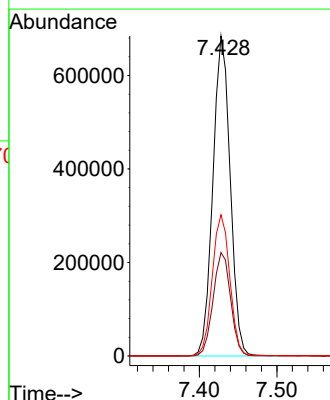
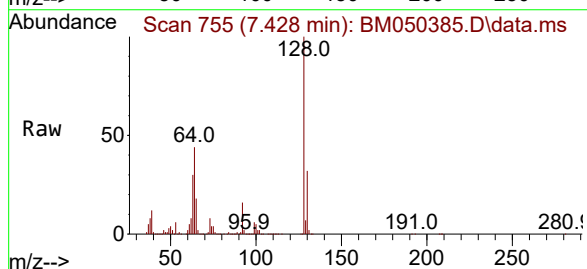
Delta R.T. 0.000 min

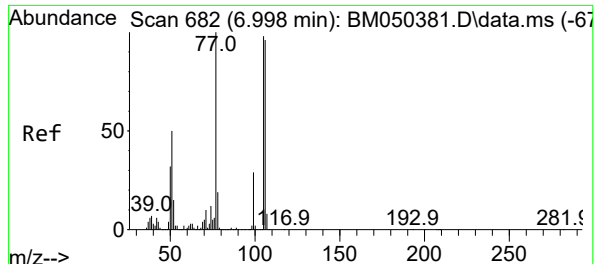
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion: 128 Resp: 1063478

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	44.1	25.6	65.6

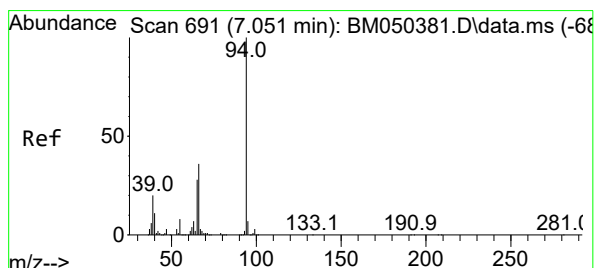
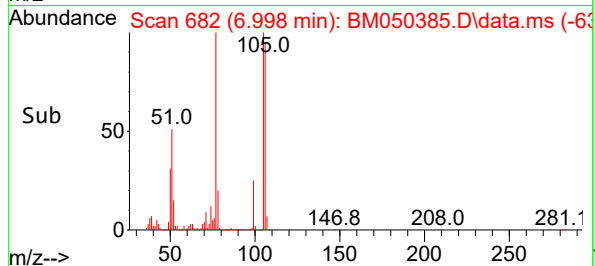
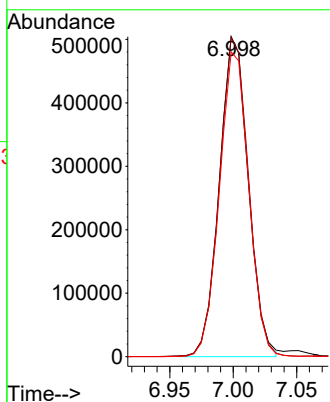
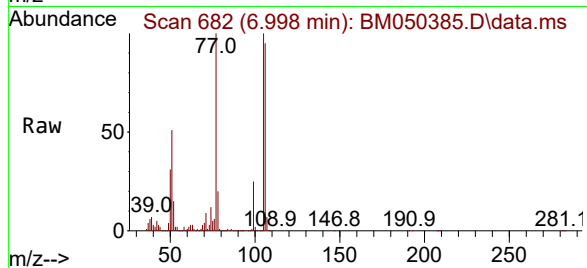




#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

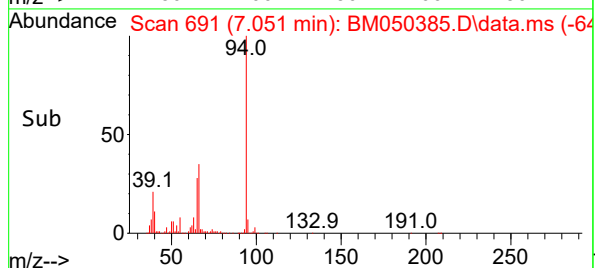
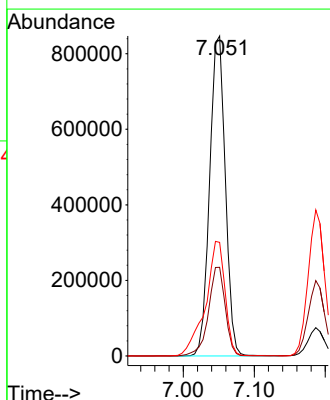
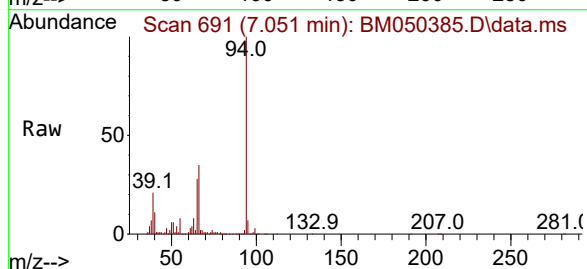
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

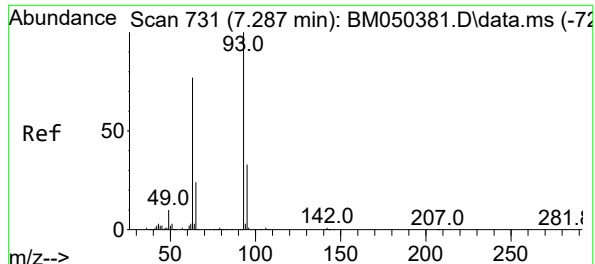
Tgt Ion: 77 Resp: 799316
Ion Ratio Lower Upper
77 100
105 99.8 78.4 118.4
106 95.2 76.3 116.3



#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 35.5 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 42.240 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

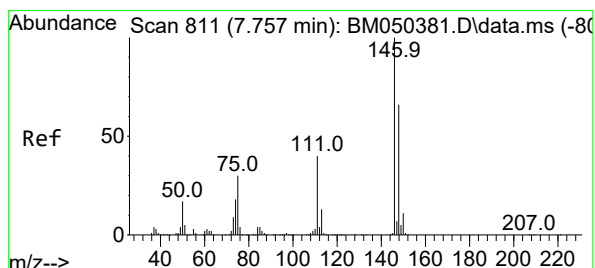
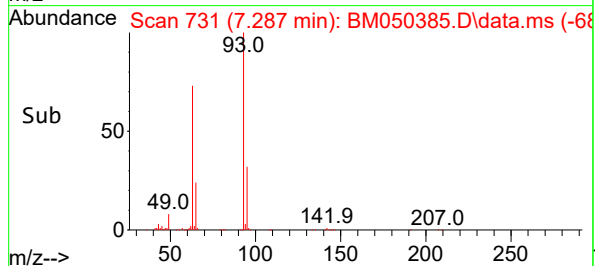
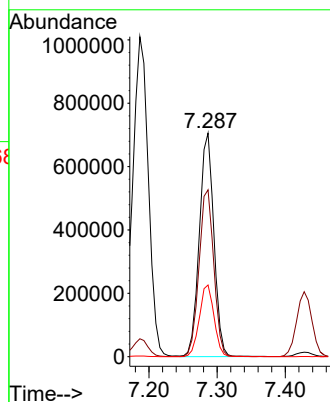
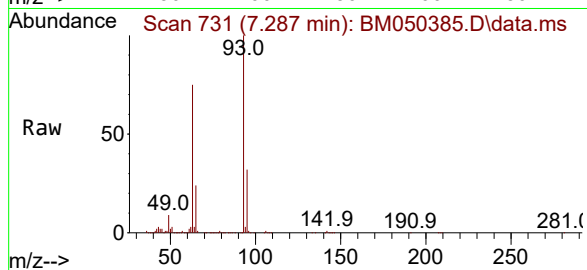
Tgt Ion: 93 Resp: 1044803

Ion	Ratio	Lower	Upper

93	100		

63	74.7	56.9	96.9

95	32.1	12.6	52.6



#12

1,3-Dichlorobenzene

Concen: 41.848 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

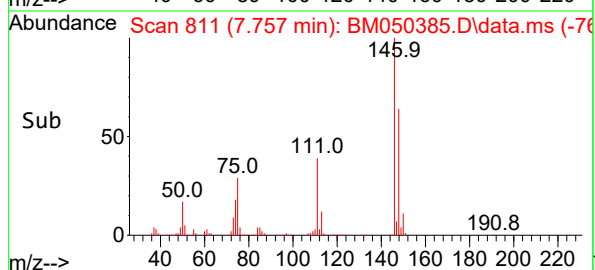
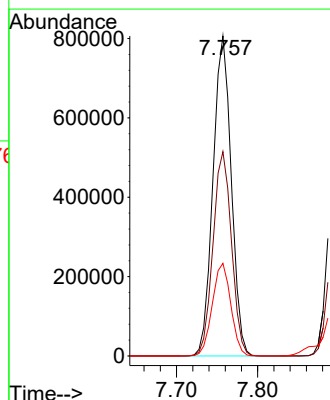
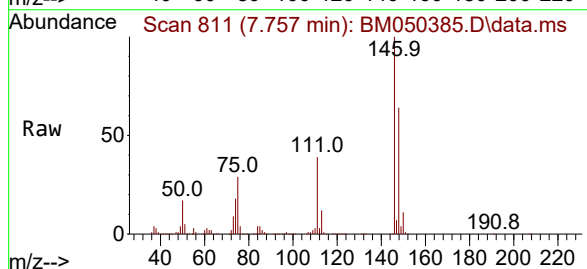
Tgt Ion:146 Resp: 1260411

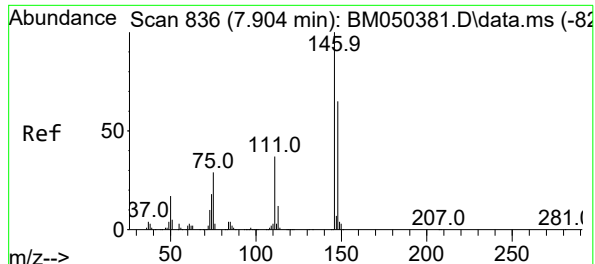
Ion	Ratio	Lower	Upper

146	100		

148	63.8	53.2	79.8

75	28.9	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 41.609 ng

RT: 7.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

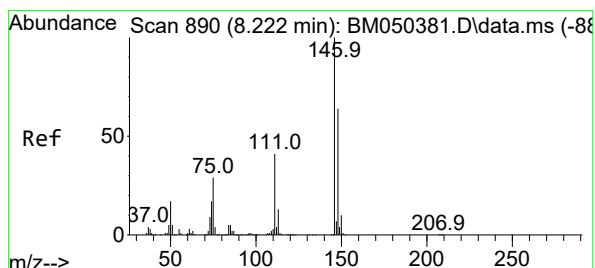
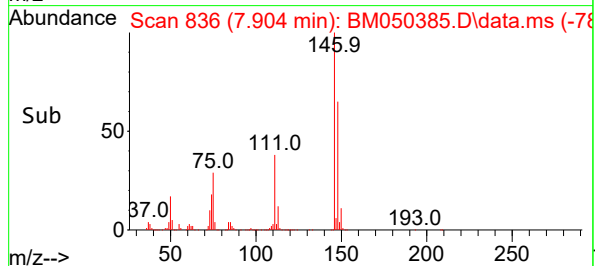
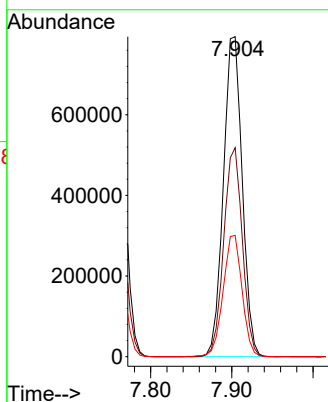
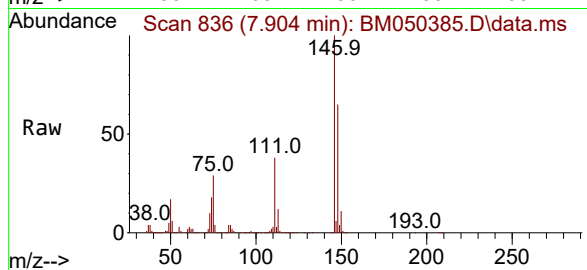
Tgt Ion:146 Resp: 1279655

Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

111 37.9 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 41.478 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

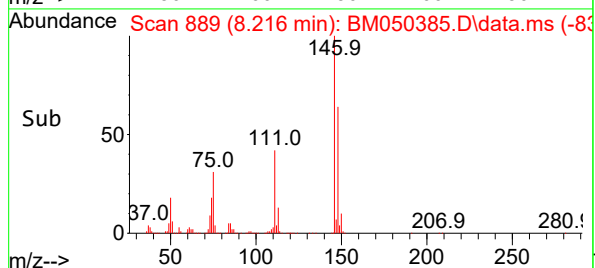
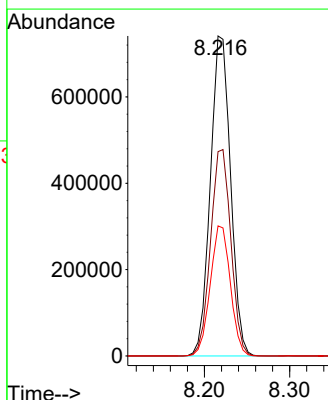
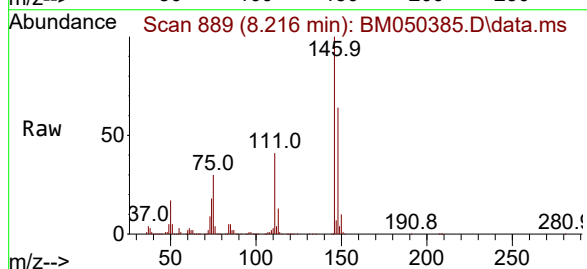
Tgt Ion:146 Resp: 1221241

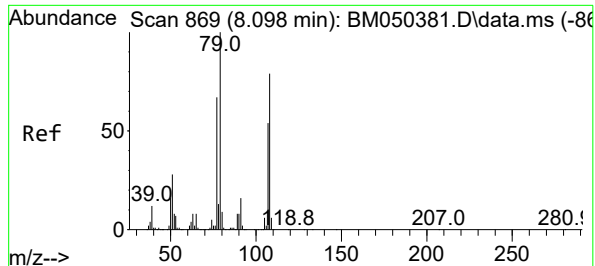
Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 40.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 42.555 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

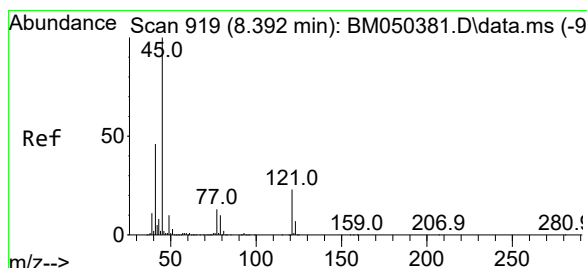
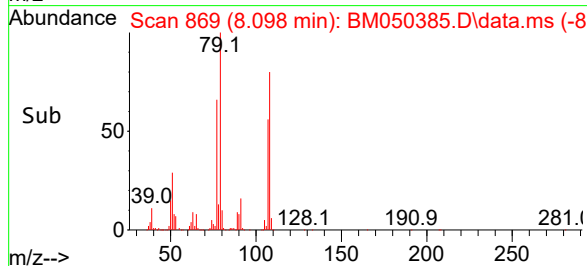
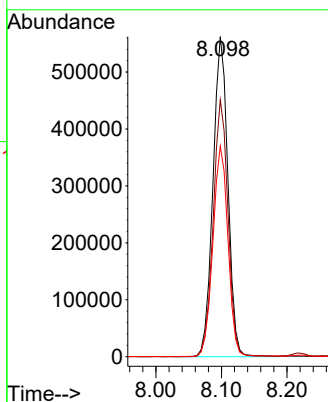
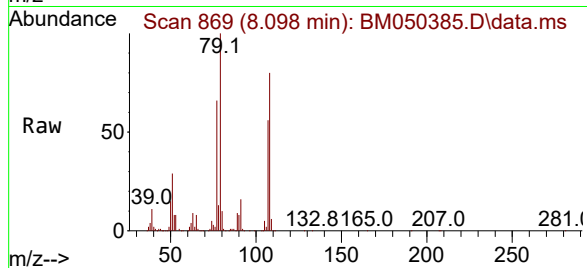
Tgt Ion: 79 Resp: 887896

Ion Ratio Lower Upper

79 100

108 80.3 63.0 94.4

77 65.8 53.4 80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

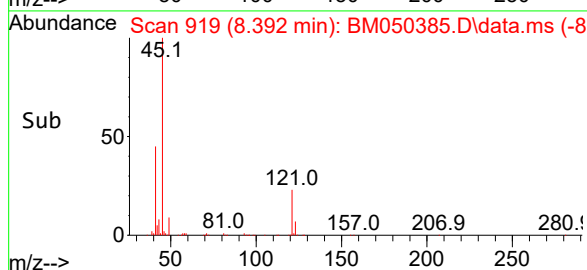
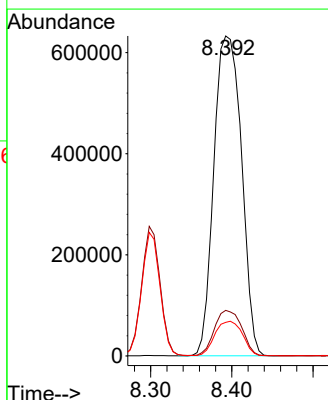
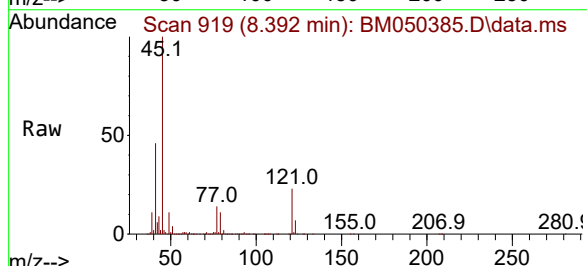
Tgt Ion: 45 Resp: 1497256

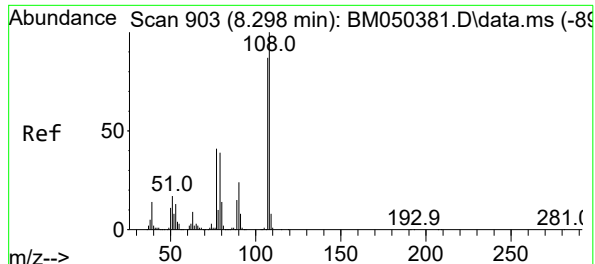
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.5

79 10.5 0.0 30.3





#17

2-Methylphenol

Concen: 42.726 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050385.D

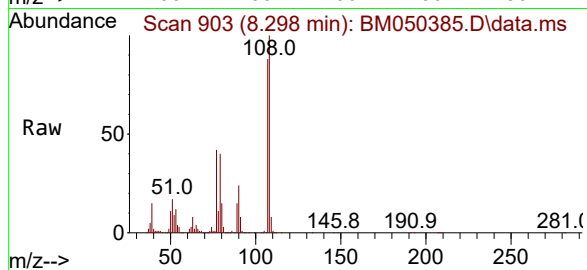
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

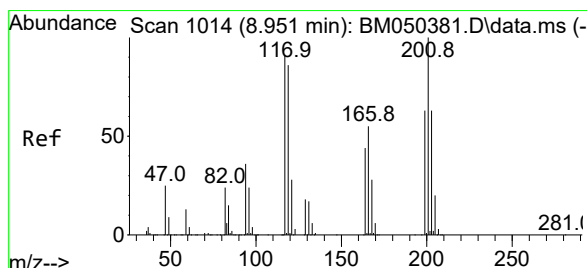
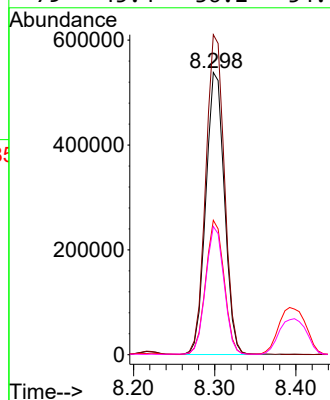
ClientSampleId :

ICVBM070925



Tgt Ion:107 Resp: 855883

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	47.6	38.2	57.4
79	45.4	36.2	54.4



#18

Hexachloroethane

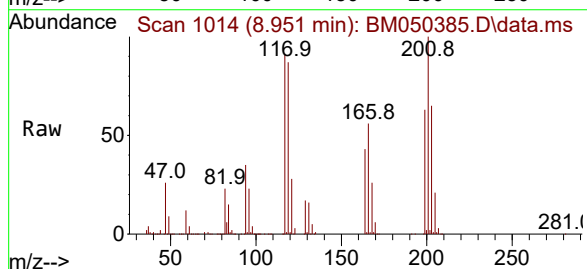
Concen: 41.906 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

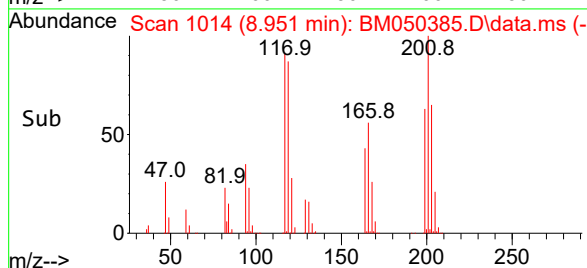
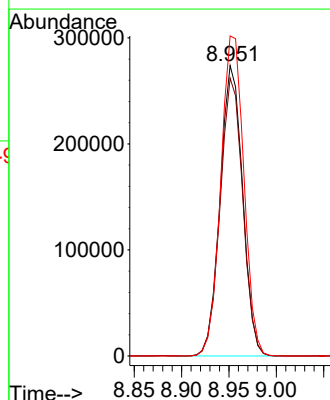
Lab File: BM050385.D

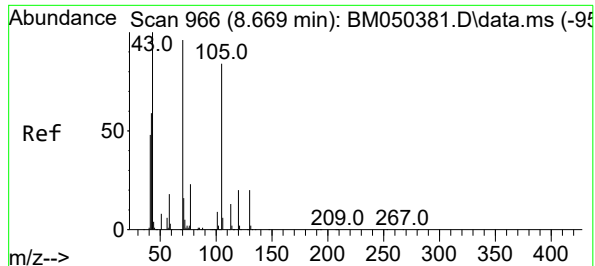
Acq: 08 Jul 2025 18:05



Tgt Ion:117 Resp: 453255

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	110.2	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.168 ng

RT: 8.675 min Scan# 966

Delta R.T. 0.006 min

Lab File: BM050385.D

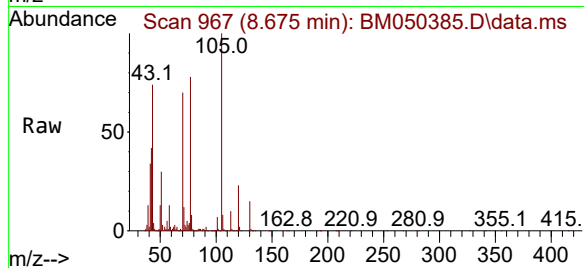
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

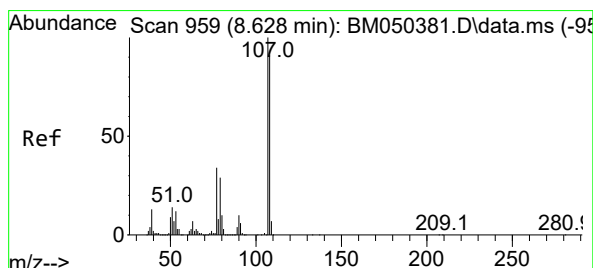
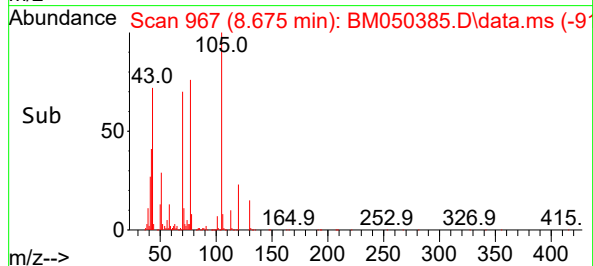
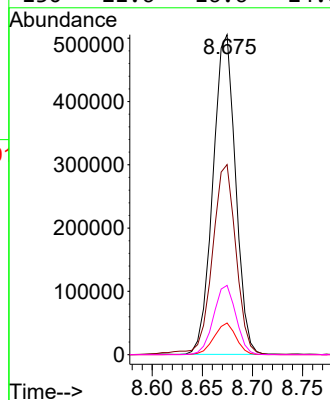
ClientSampleId :

ICVBM070925



Tgt Ion: 70 Resp: 792336

Ion	Ratio	Lower	Upper
70	100		
42	59.4	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8



#20

3+4-Methylphenols

Concen: 42.276 ng

RT: 8.628 min Scan# 959

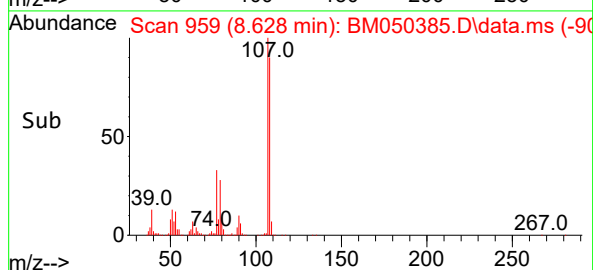
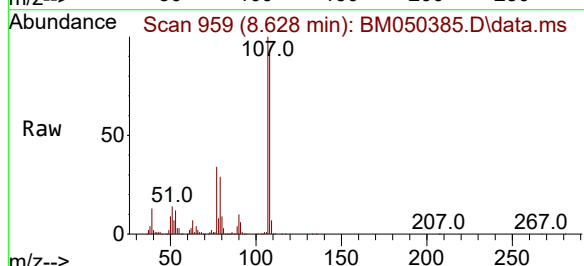
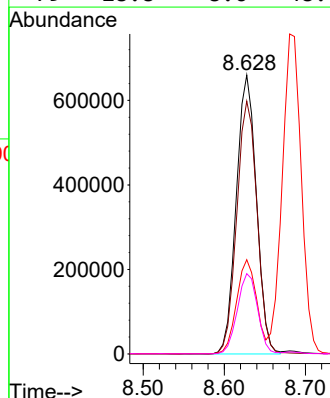
Delta R.T. 0.000 min

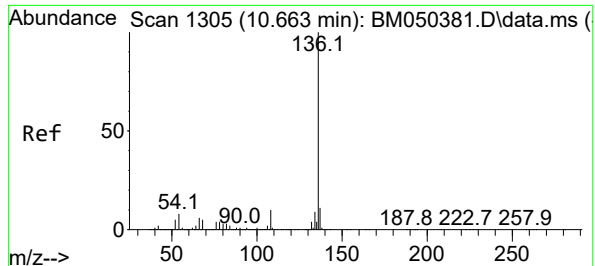
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion: 107 Resp: 1136862

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	33.8	13.7	53.7
79	28.8	8.6	48.6

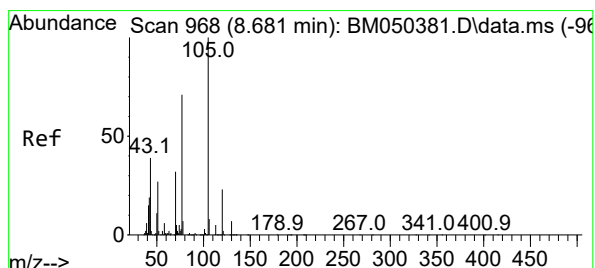
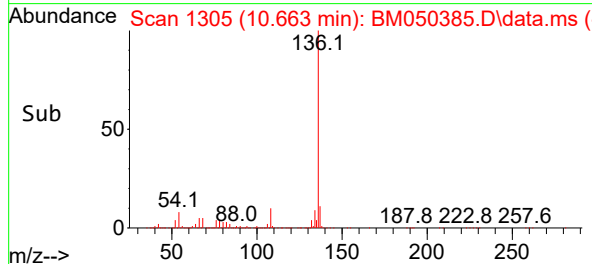
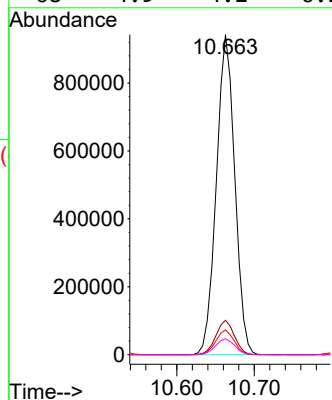
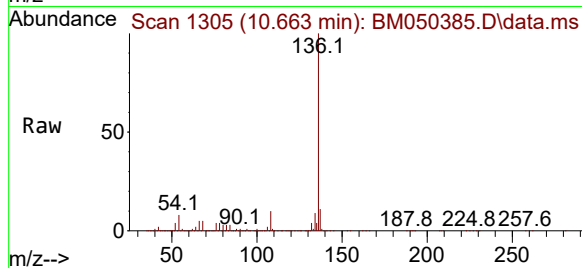




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

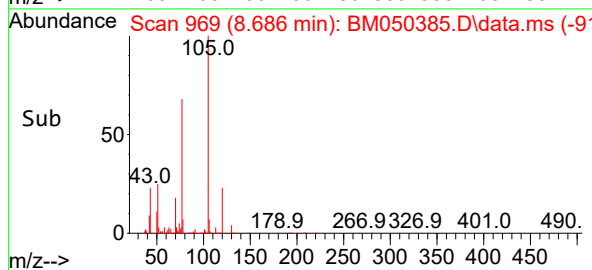
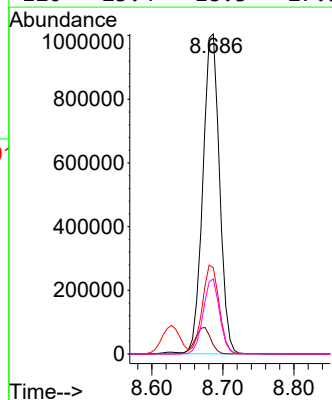
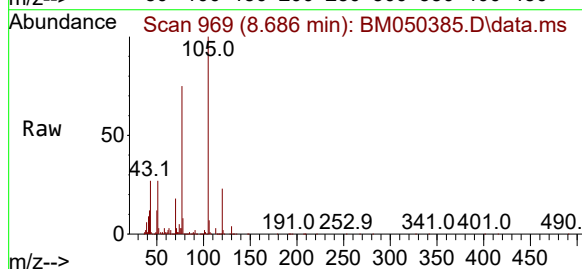
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

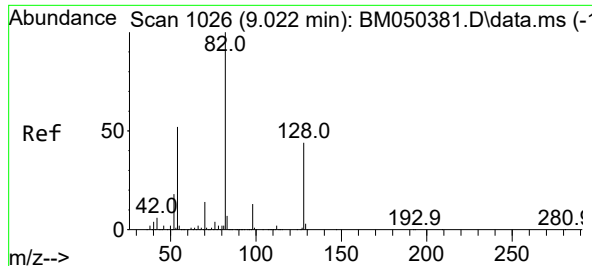
Tgt Ion:136 Resp: 1554046
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.3 9.5
68 4.9 4.2 6.2



#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:105 Resp: 1643199
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 27.0 23.0 34.6
120 23.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 73.139 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

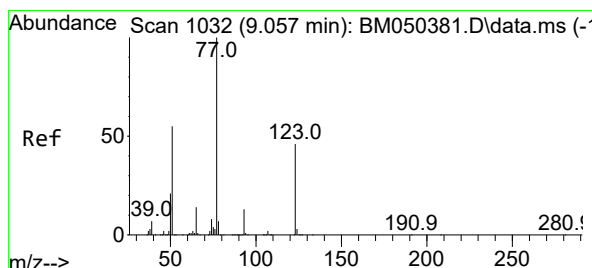
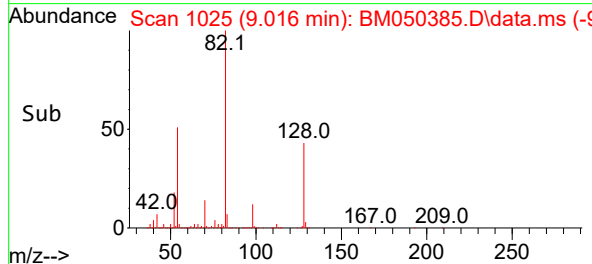
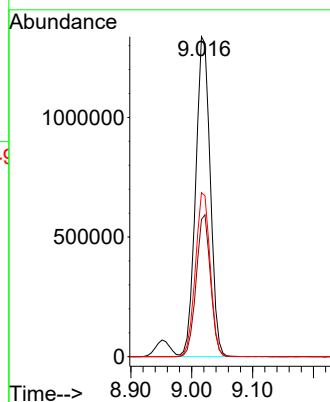
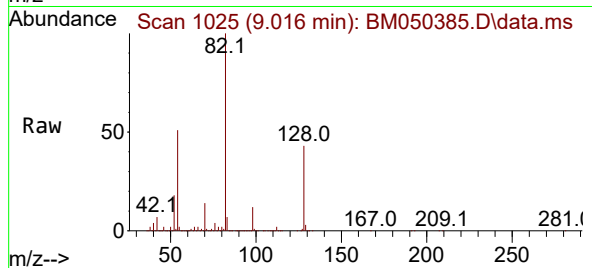
BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 82 Resp: 2227871

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.2	41.5	62.3



#24

Nitrobenzene

Concen: 41.860 ng

RT: 9.063 min Scan# 1033

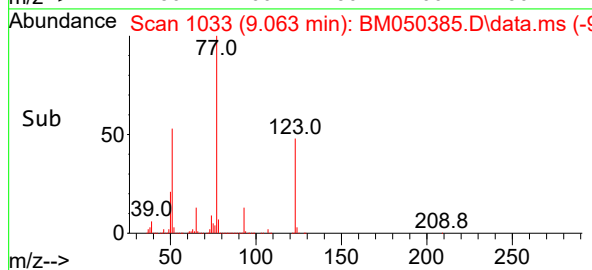
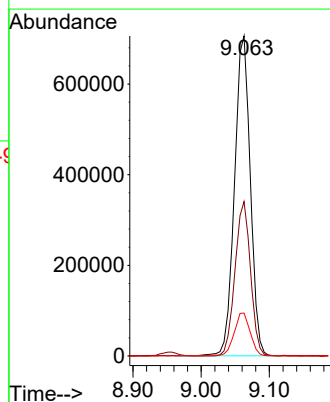
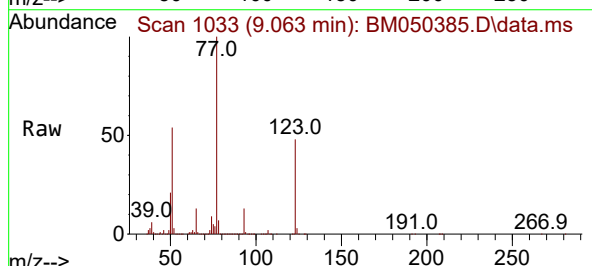
Delta R.T. 0.006 min

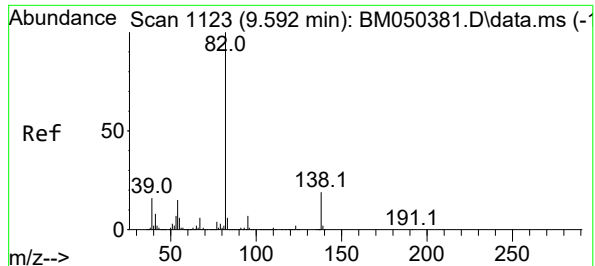
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion: 77 Resp: 1137842

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.6
65	13.4	11.0	16.4





#25

Isophorone

Concen: 42.909 ng

RT: 9.592 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

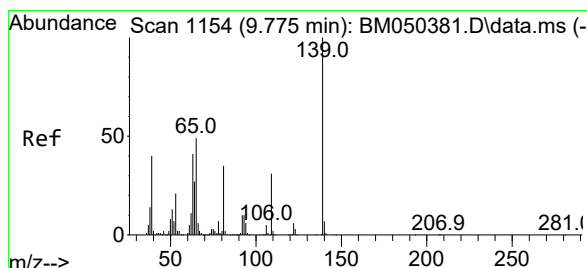
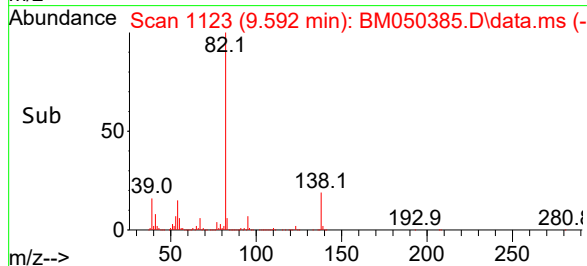
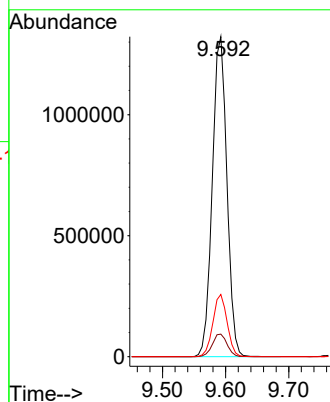
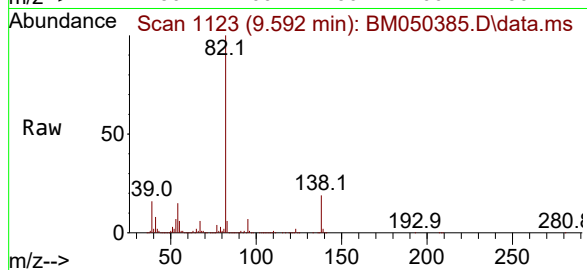
BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 82 Resp: 2120872

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9



#26

2-Nitrophenol

Concen: 46.488 ng

RT: 9.775 min Scan# 1154

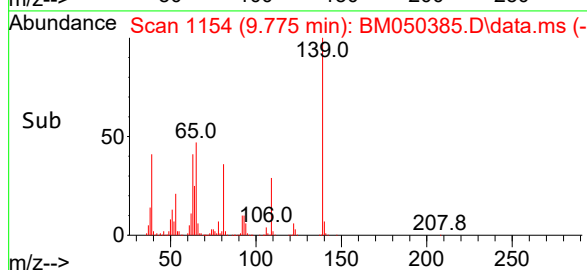
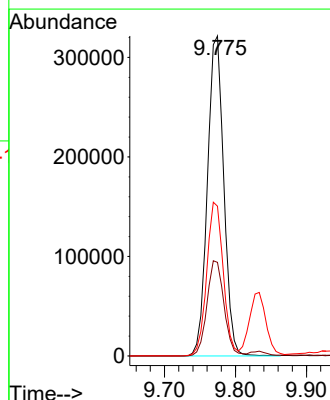
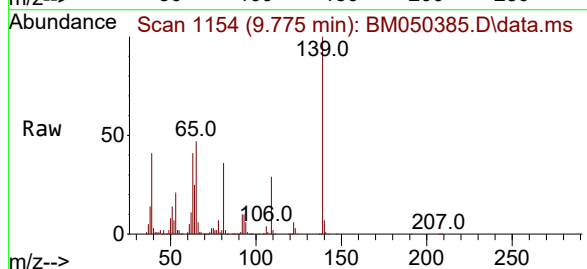
Delta R.T. 0.000 min

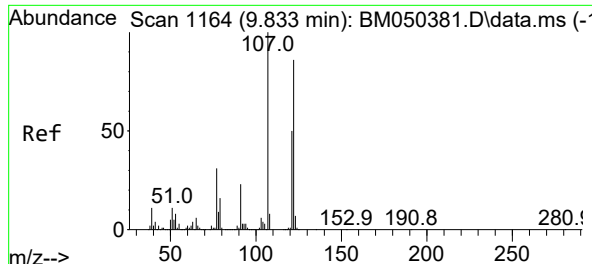
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 514999

Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	46.8	39.2	58.8





#27

2,4-Dimethylphenol

Concen: 42.470 ng

RT: 9.833 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

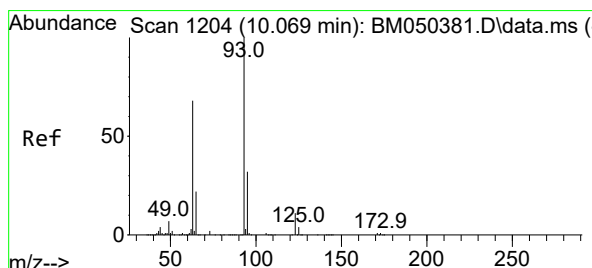
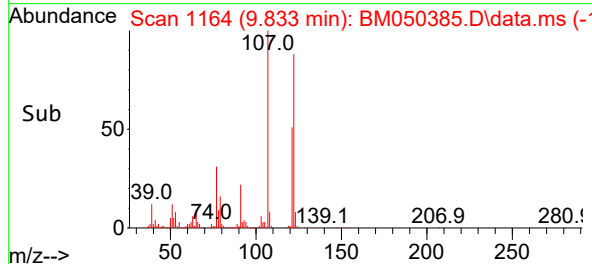
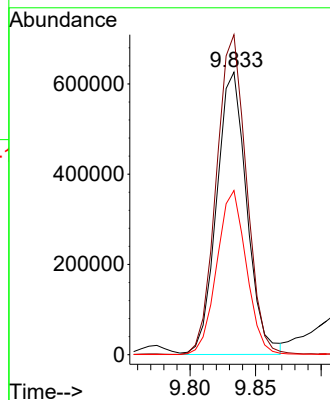
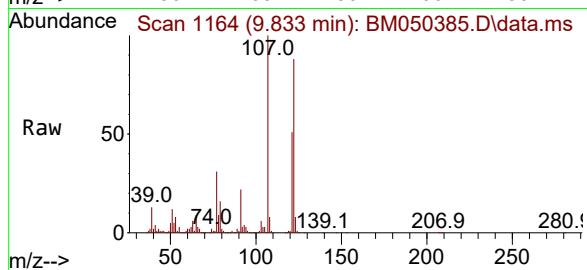
Tgt Ion:122 Resp: 1001149

Ion Ratio Lower Upper

122 100

107 113.2 93.0 139.6

121 58.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.880 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

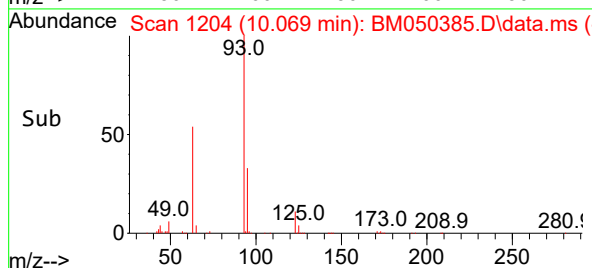
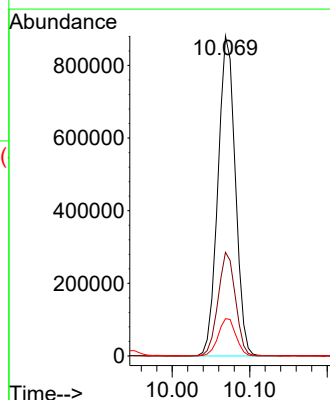
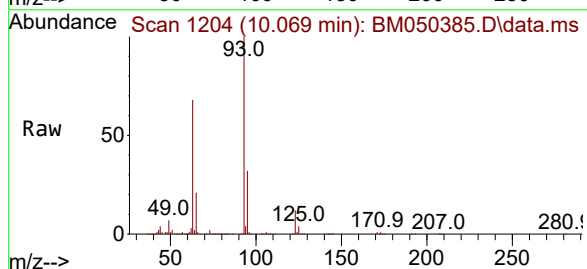
Tgt Ion: 93 Resp: 1371682

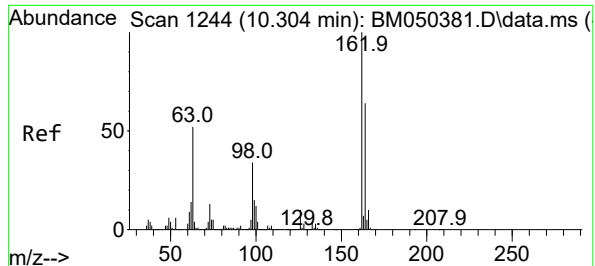
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.061 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

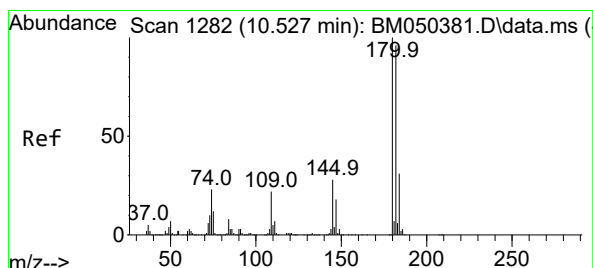
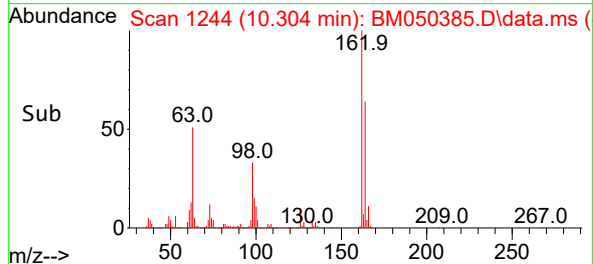
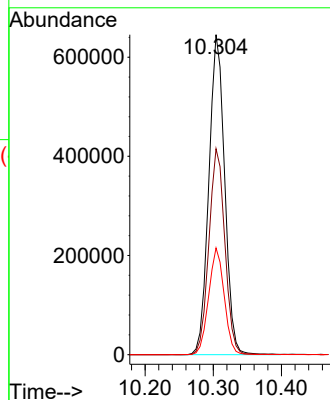
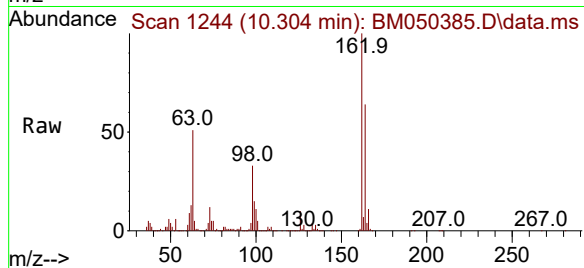
Tgt Ion:162 Resp: 1042869

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

98 33.3 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 42.001 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

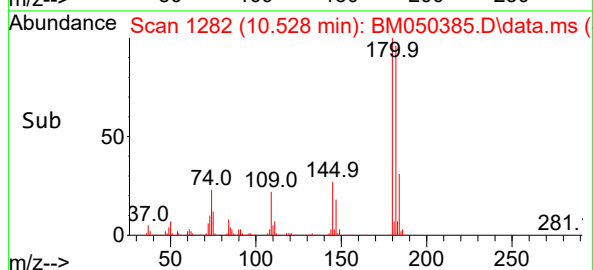
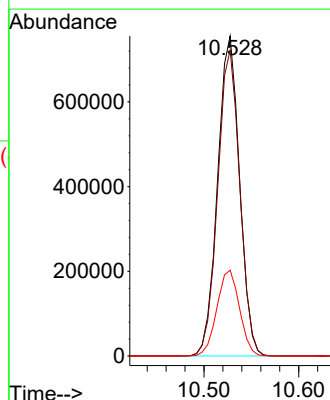
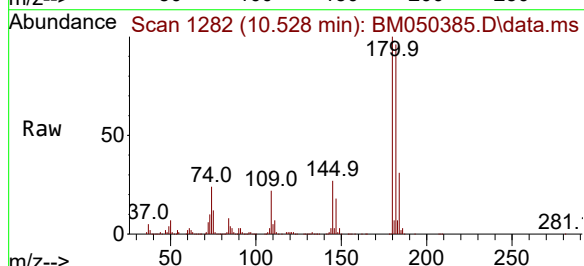
Tgt Ion:180 Resp: 1216831

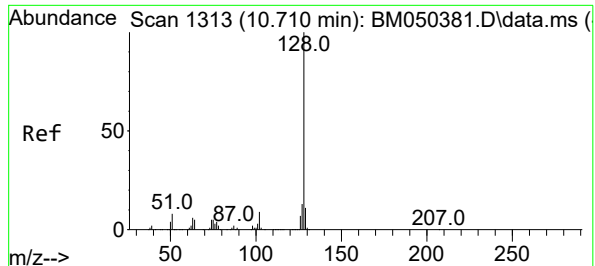
Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

145 26.8 22.6 33.8

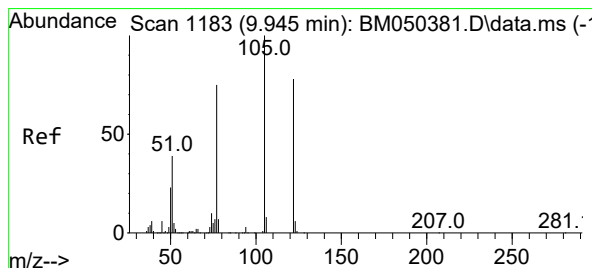
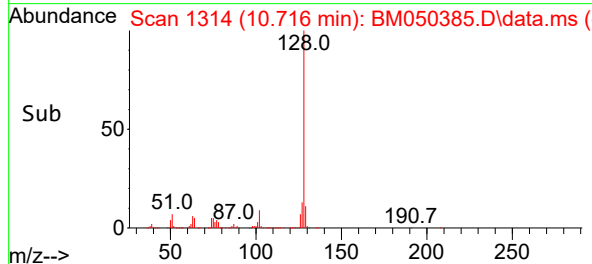
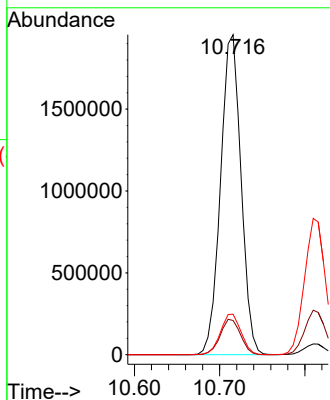
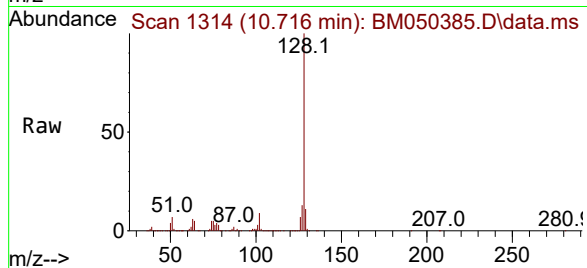




#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

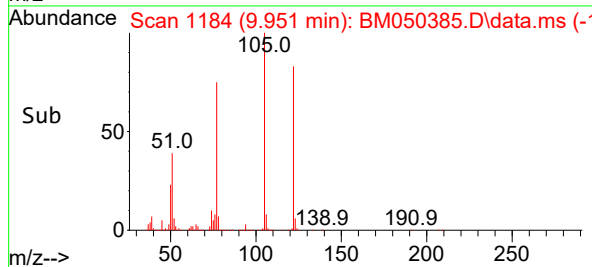
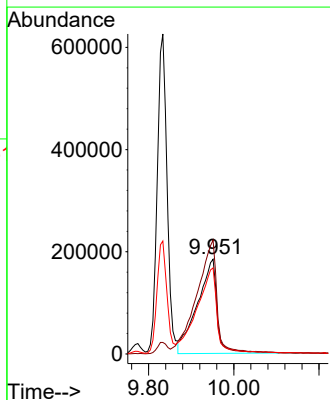
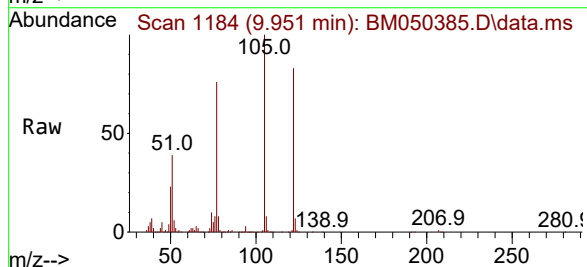
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

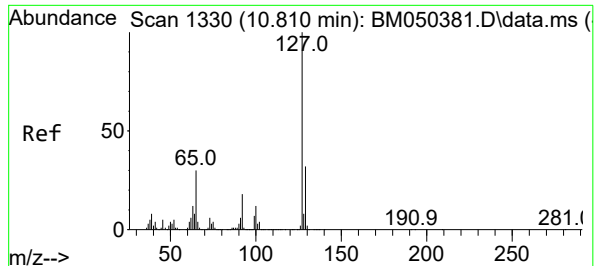
Tgt Ion:128 Resp: 3258495
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:122 Resp: 593935
Ion Ratio Lower Upper
122 100
105 120.3 104.0 144.0
77 90.9 73.8 113.8





#33

4-Chloroaniline

Concen: 42.424 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:127 Resp: 1415715

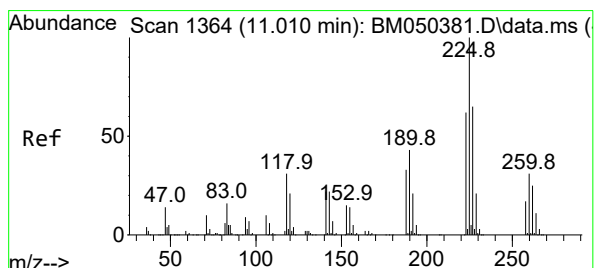
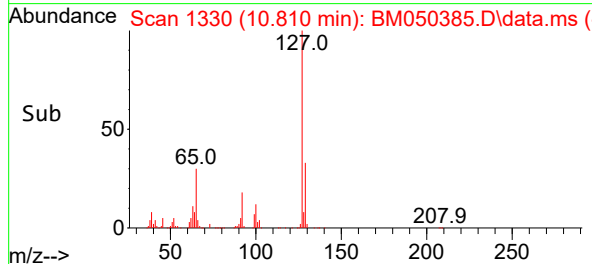
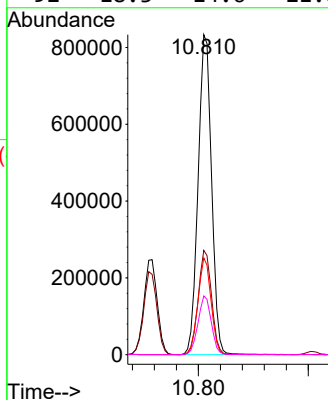
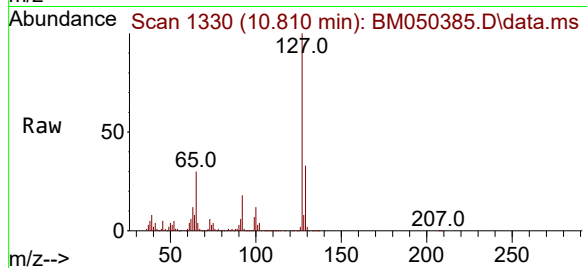
Ion Ratio Lower Upper

127 100

129 32.6 25.5 38.3

65 30.3 23.9 35.9

92 18.3 14.6 21.8



#34

Hexachlorobutadiene

Concen: 42.386 ng

RT: 11.010 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

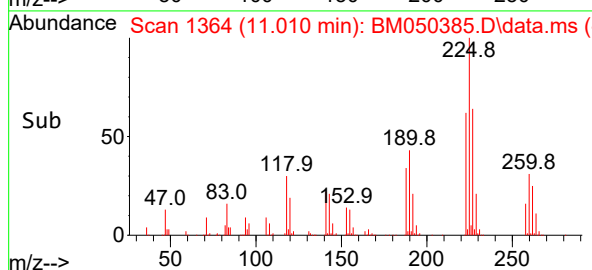
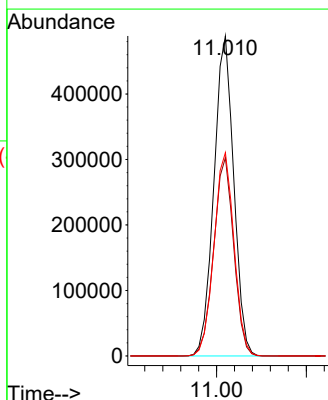
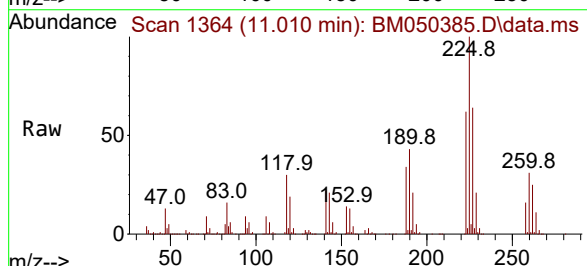
Tgt Ion:225 Resp: 749497

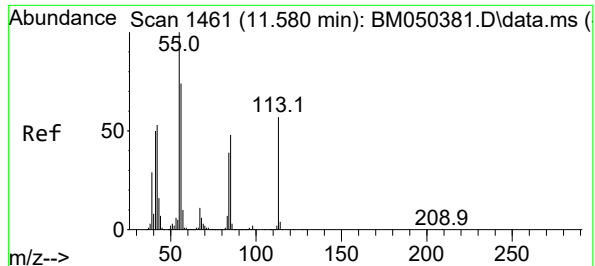
Ion Ratio Lower Upper

225 100

223 62.0 49.7 74.5

227 63.5 52.1 78.1

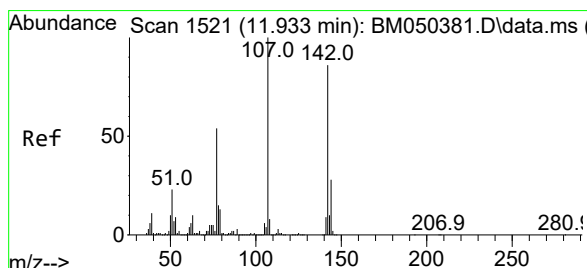
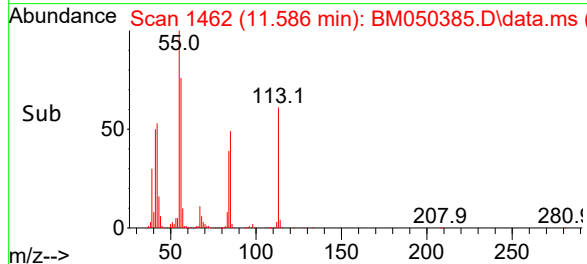
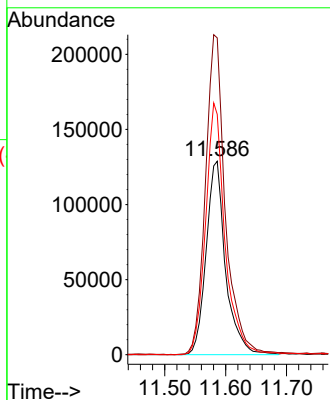
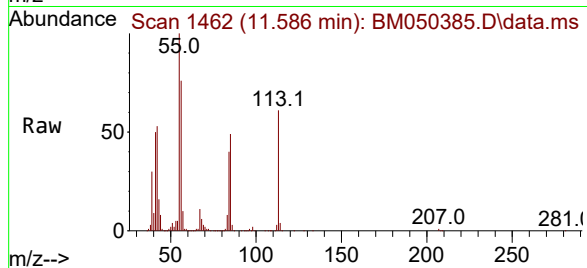




#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

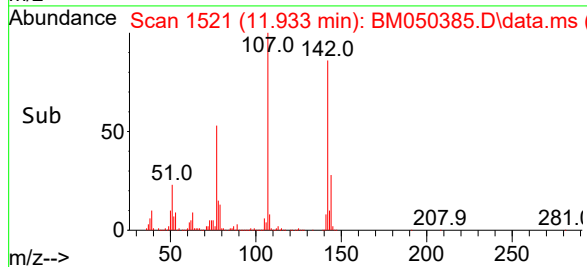
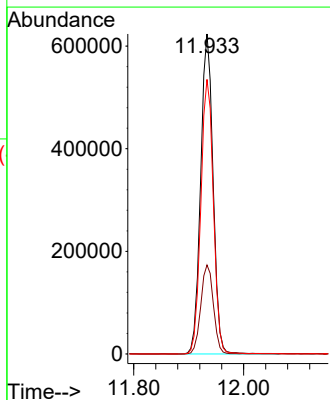
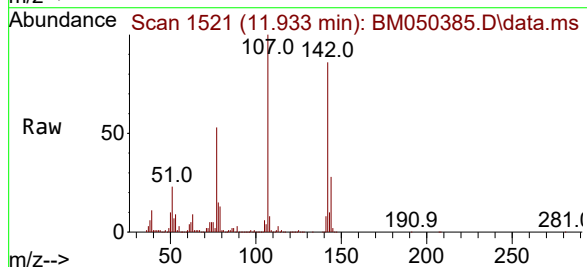
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

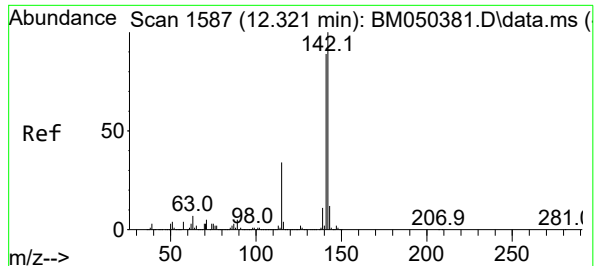
Tgt Ion:113 Resp: 285315
Ion Ratio Lower Upper
113 100
55 163.8 157.2 197.2
56 124.2 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 979521
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 85.8 68.7 103.1

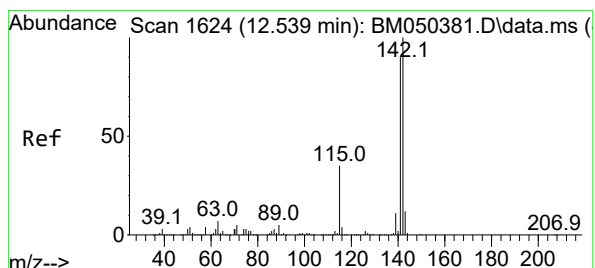
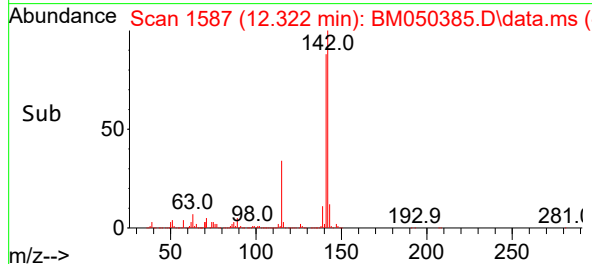
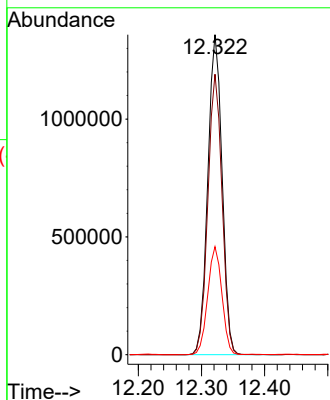
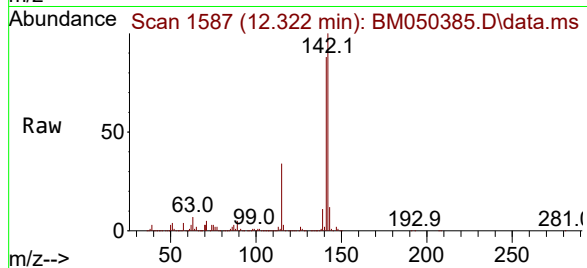




#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

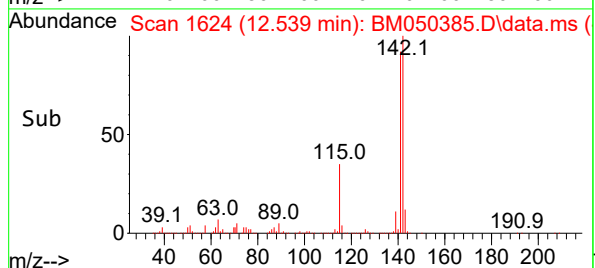
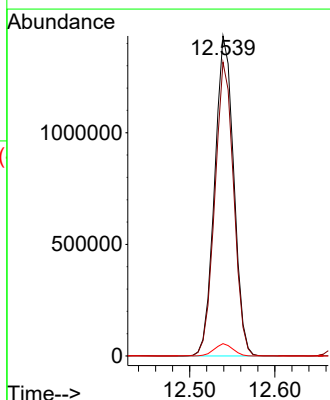
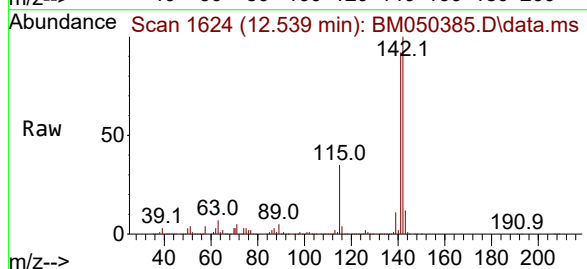
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

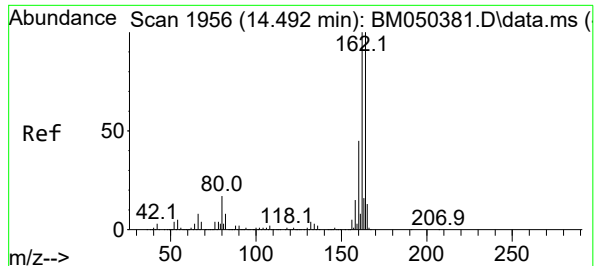
Tgt Ion:142 Resp: 2124989
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 33.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:142 Resp: 2230710
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

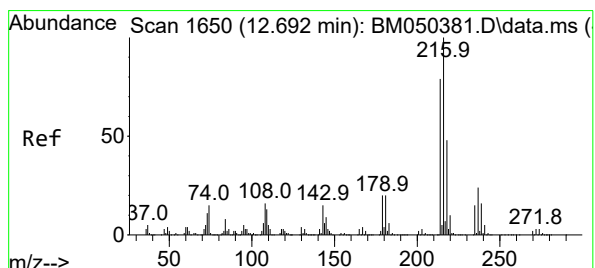
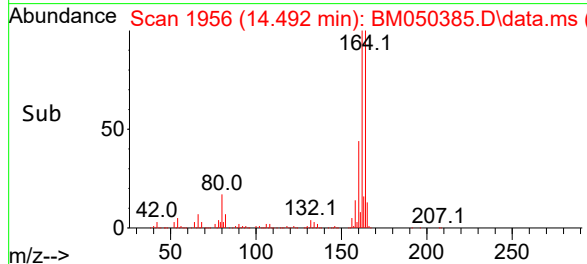
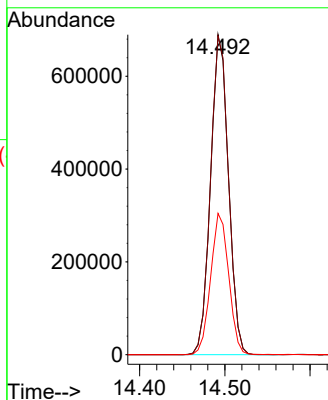
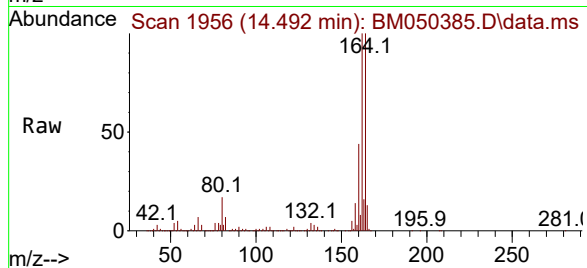
BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:164 Resp: 1008264

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.1	36.2	54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.859 ng

RT: 12.692 min Scan# 1650

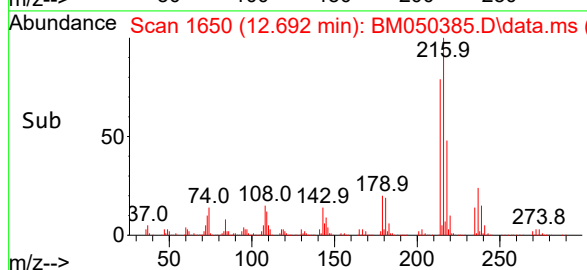
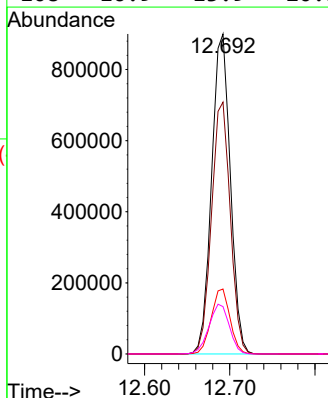
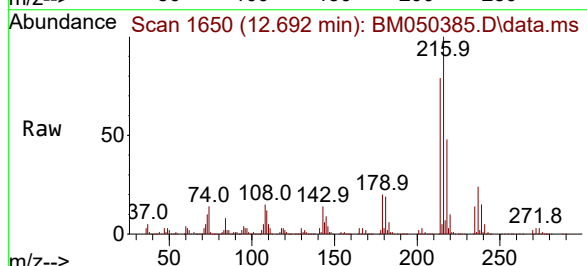
Delta R.T. 0.000 min

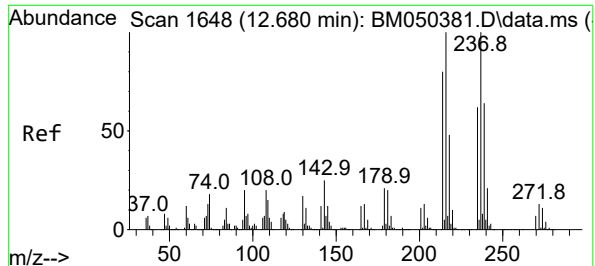
Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:216 Resp: 1374217

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9

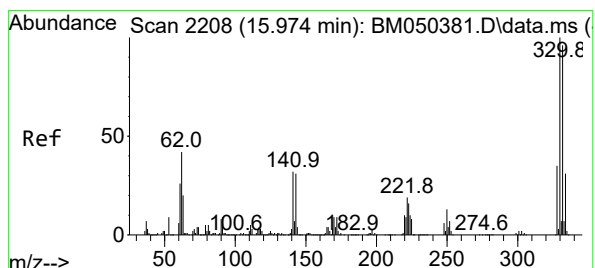
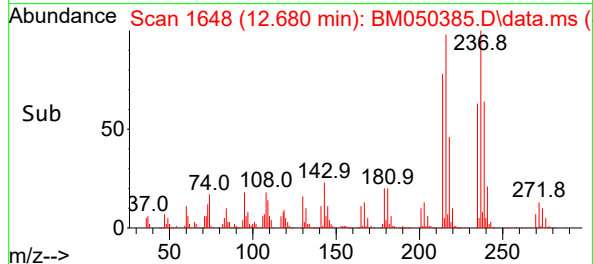
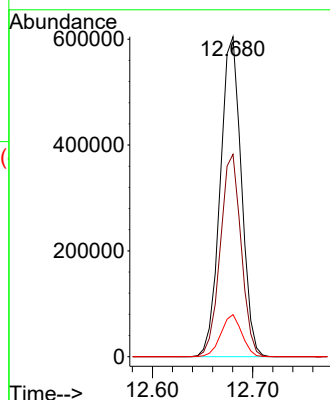
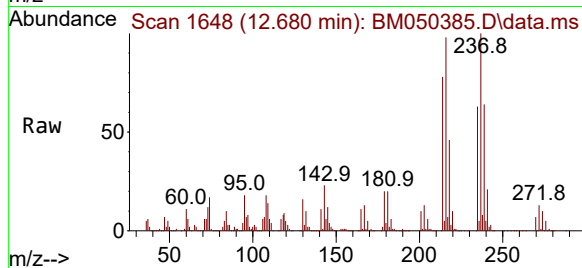




#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

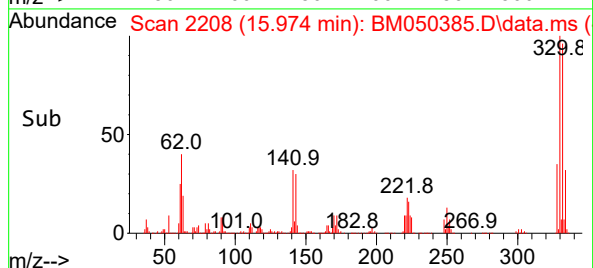
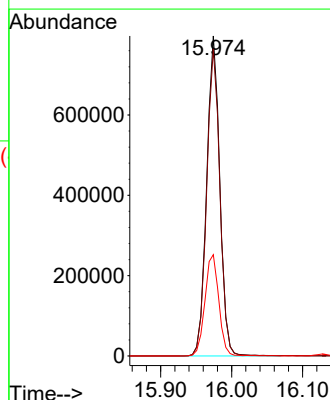
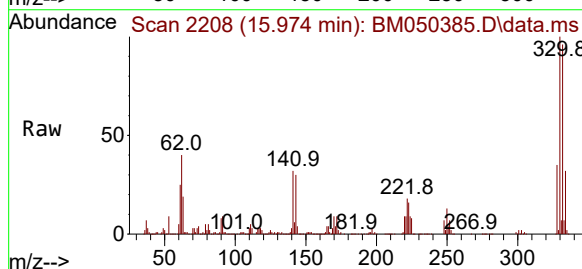
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

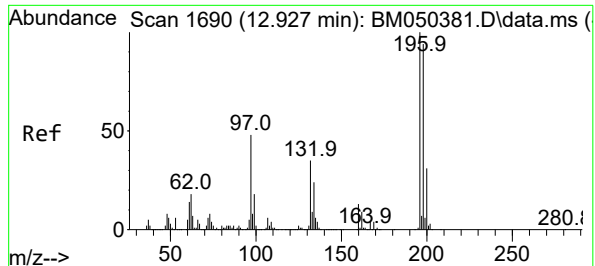
Tgt Ion:237 Resp: 881607
Ion Ratio Lower Upper
237 100
235 63.2 42.3 82.3
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:330 Resp: 1026446
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 33.5 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 43.485 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

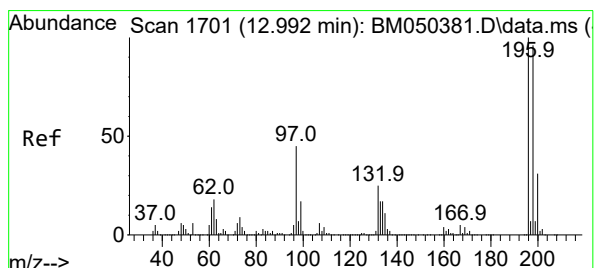
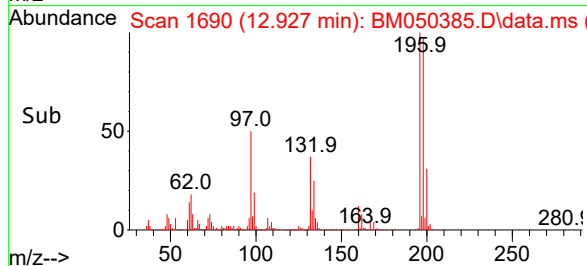
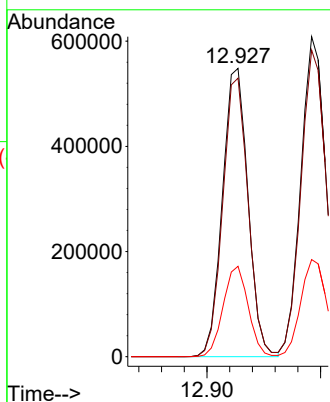
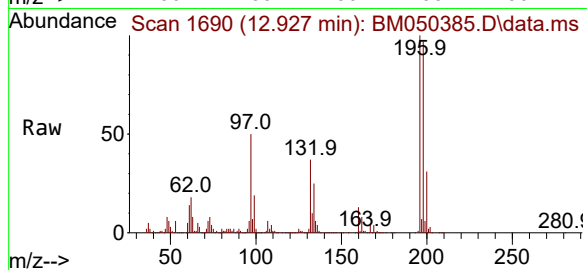
Tgt Ion:196 Resp: 858251

Ion Ratio Lower Upper

196 100

198 96.6 75.1 112.7

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 43.542 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:196 Resp: 938542

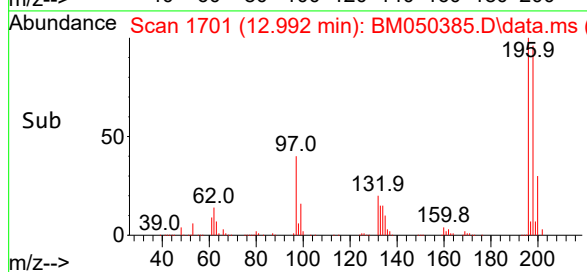
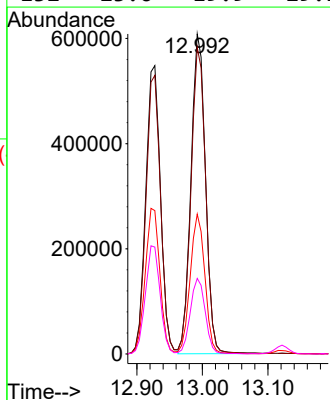
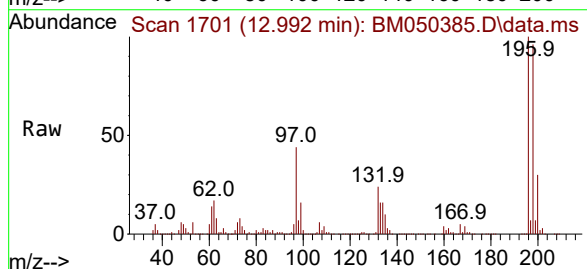
Ion Ratio Lower Upper

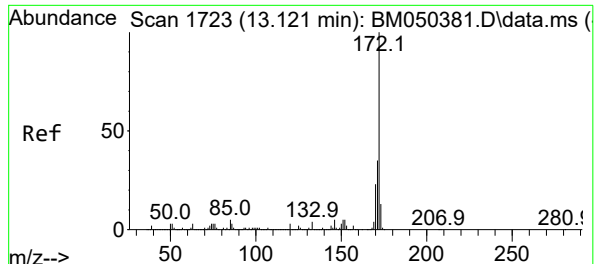
196 100

198 95.8 77.2 115.8

97 43.7 36.2 54.4

132 23.6 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 70.689 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

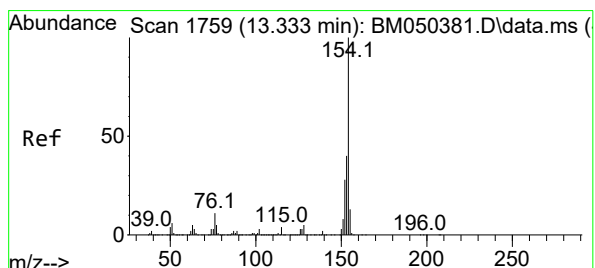
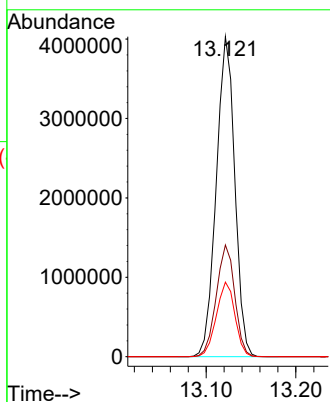
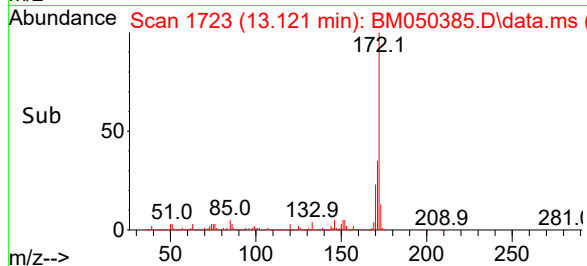
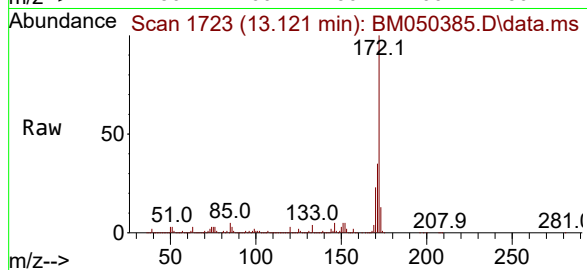
Tgt Ion:172 Resp: 5771427

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.557 ng

RT: 13.333 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

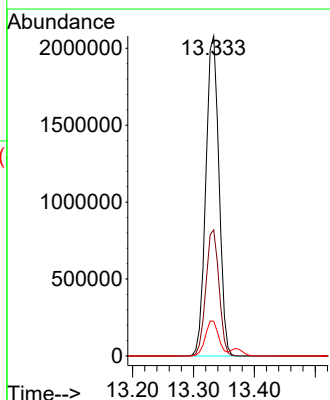
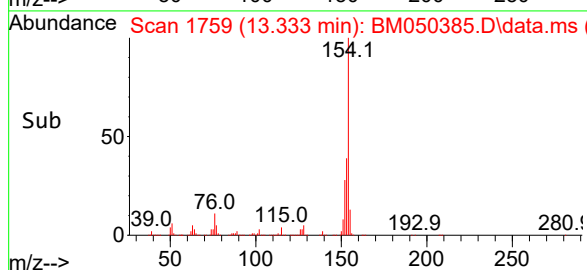
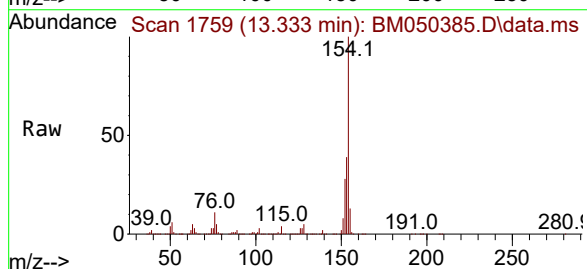
Tgt Ion:154 Resp: 3108770

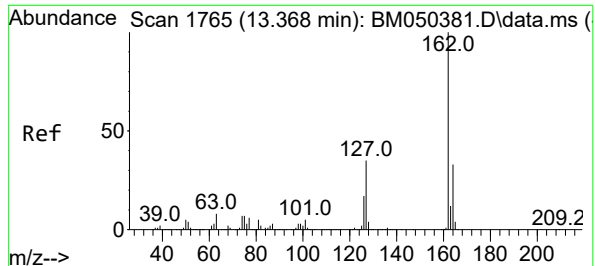
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 10.8 0.0 30.9





#47

2-Chloronaphthalene

Concen: 41.272 ng

RT: 13.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

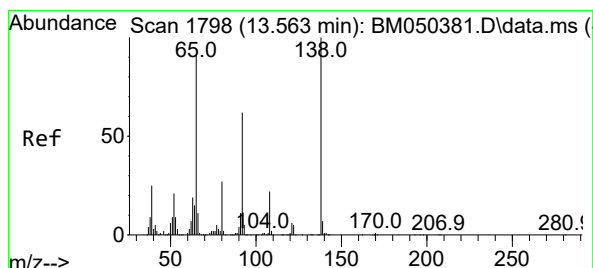
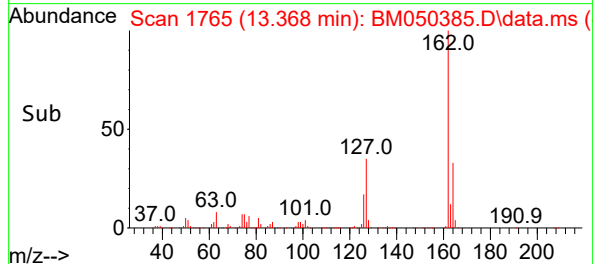
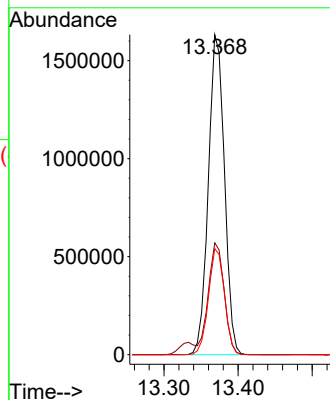
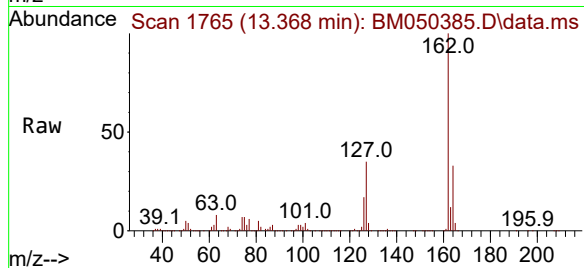
Tgt Ion:162 Resp: 2461641

Ion Ratio Lower Upper

162 100

127 35.0 28.3 42.5

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 44.497 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

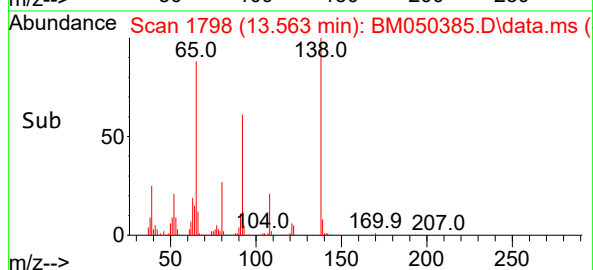
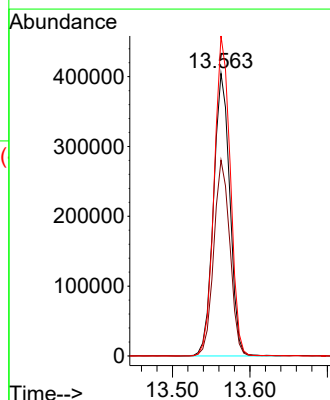
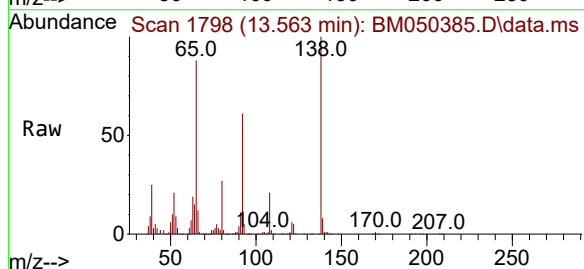
Tgt Ion: 65 Resp: 592401

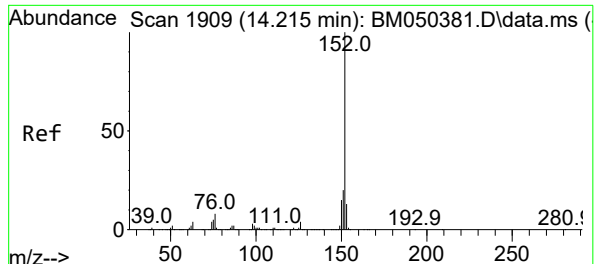
Ion Ratio Lower Upper

65 100

92 69.3 54.3 81.5

138 113.2 87.8 131.6





#49

Acenaphthylene

Concen: 41.972 ng

RT: 14.215 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

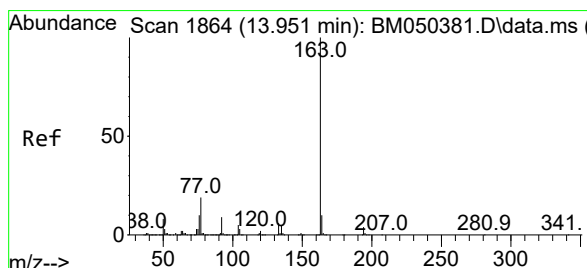
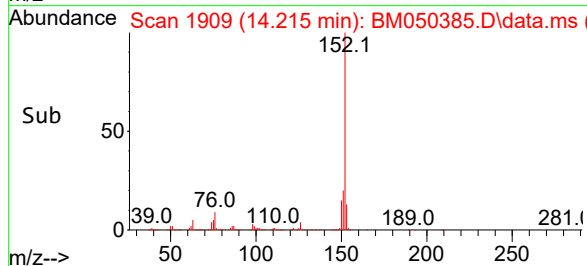
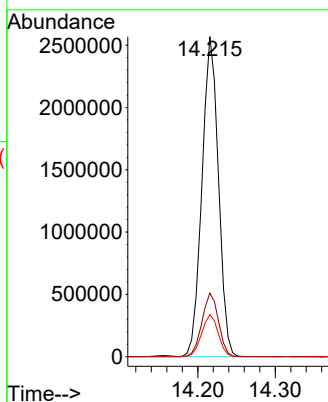
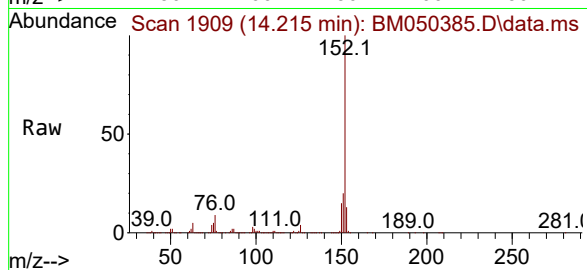
Tgt Ion:152 Resp: 3783308

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 41.635 ng

RT: 13.951 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

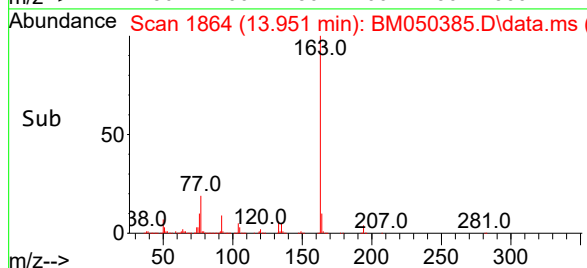
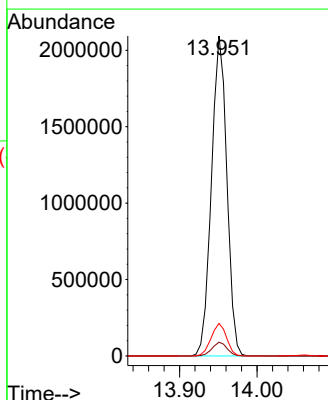
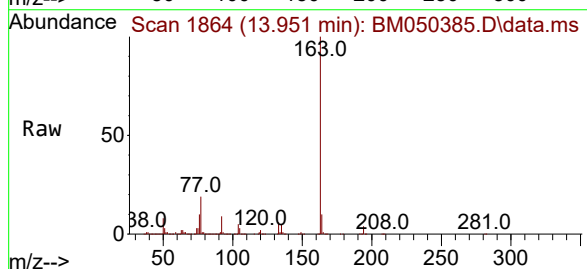
Tgt Ion:163 Resp: 2890119

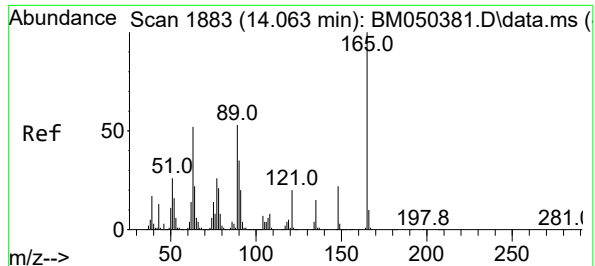
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.2 12.2

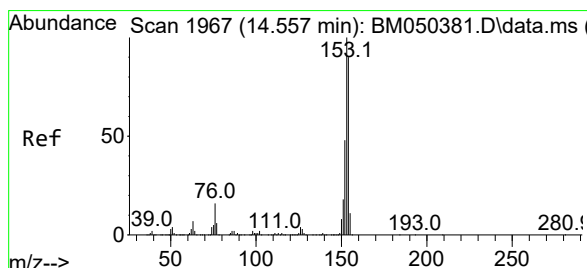
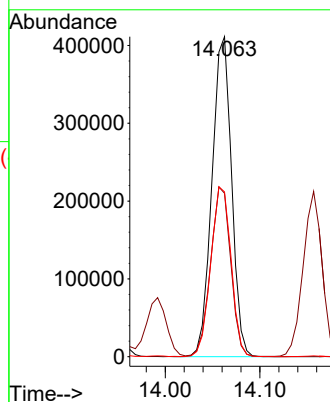
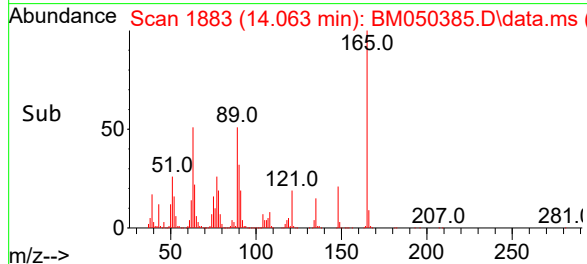
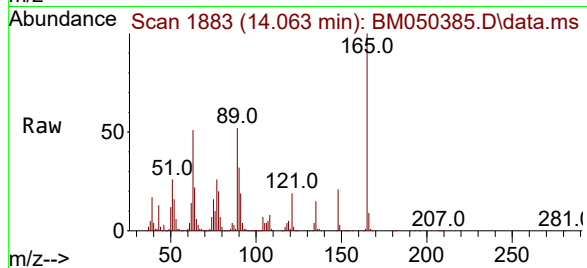




#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

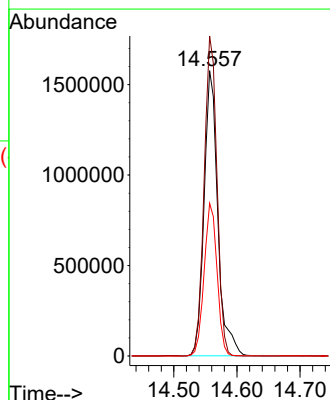
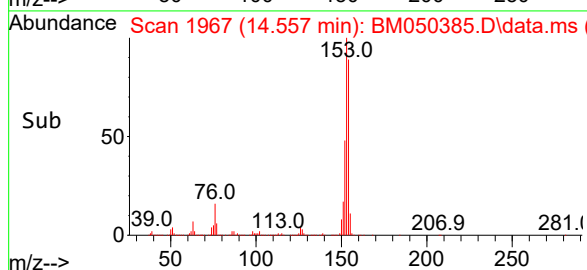
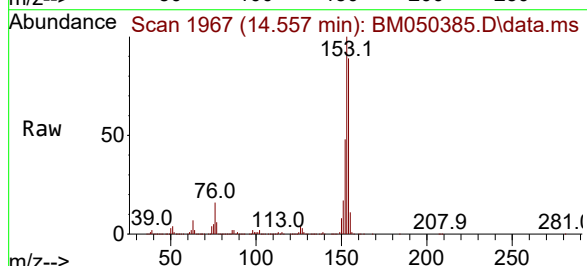
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

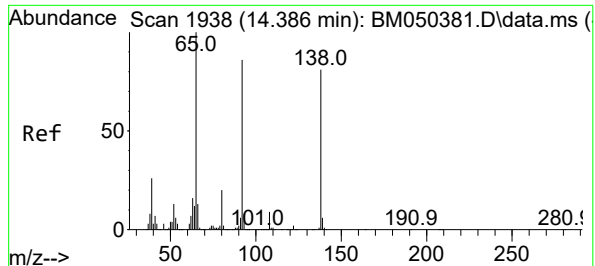
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.1	42.4	63.6
89	51.5	42.2	63.2



#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.2	133.8
152	53.5	42.6	64.0

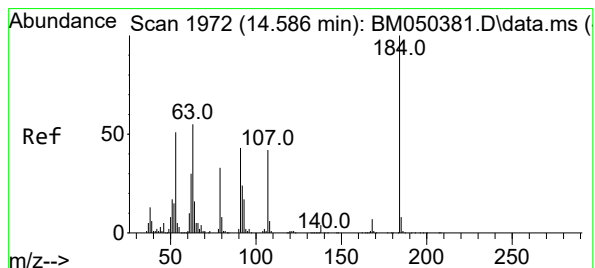
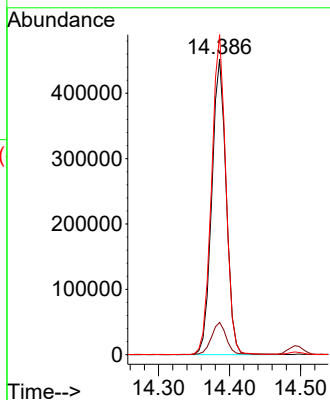
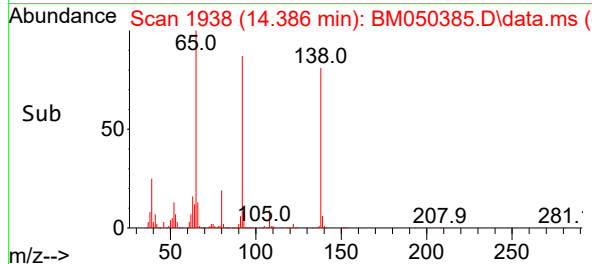
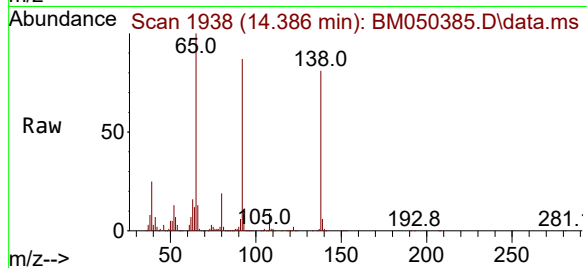




#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

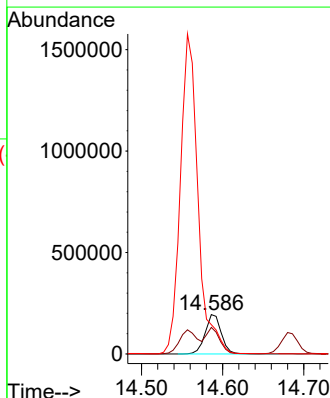
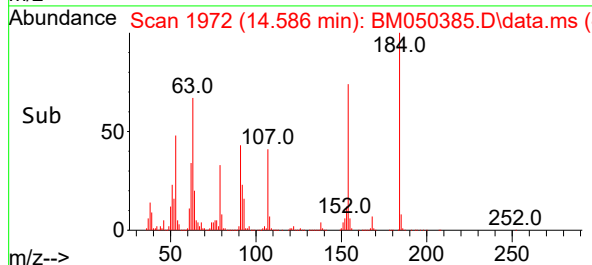
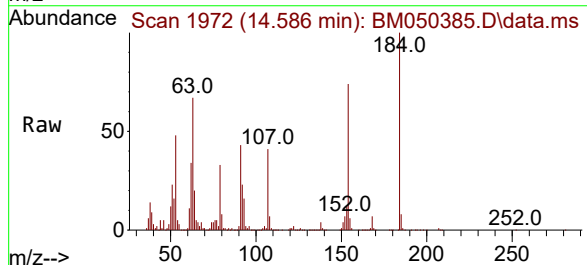
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

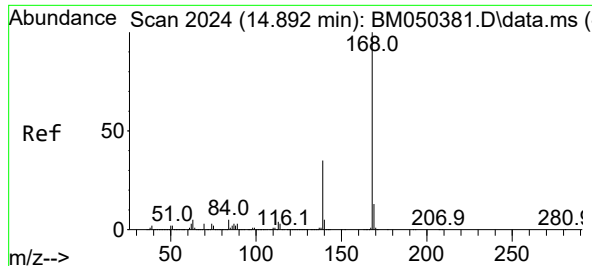
Tgt Ion:138 Resp: 636015
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 108.2 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:184 Resp: 266947
Ion Ratio Lower Upper
184 100
63 67.3 53.4 80.0
154 74.3 61.6 92.4





#55

Dibenzofuran

Concen: 40.877 ng

RT: 14.892 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

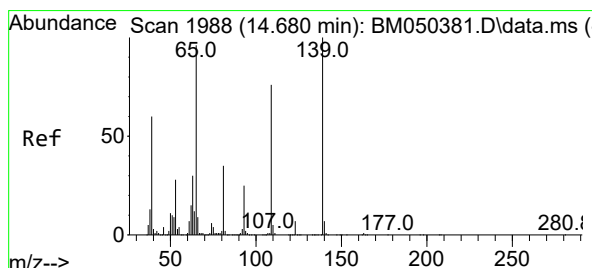
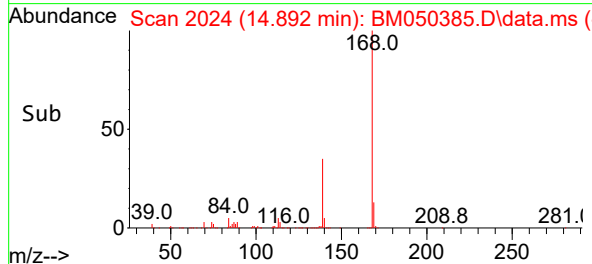
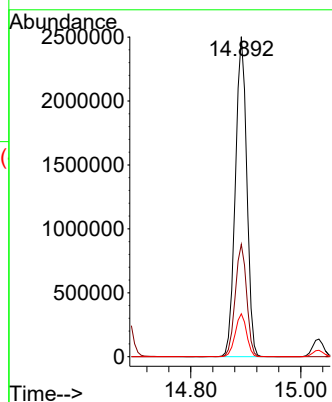
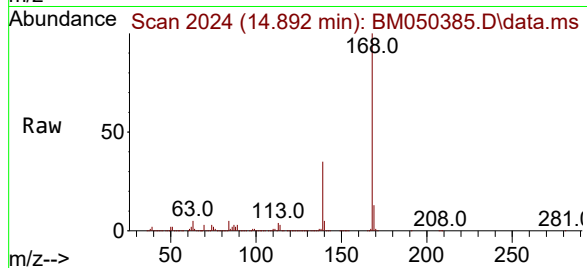
Tgt Ion:168 Resp: 3609413

Ion Ratio Lower Upper

168 100

139 35.1 27.7 41.5

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 42.822 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

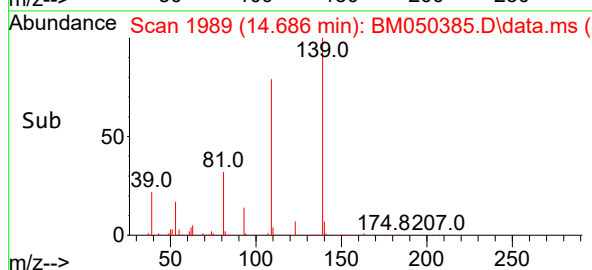
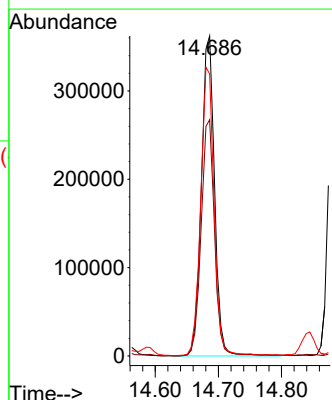
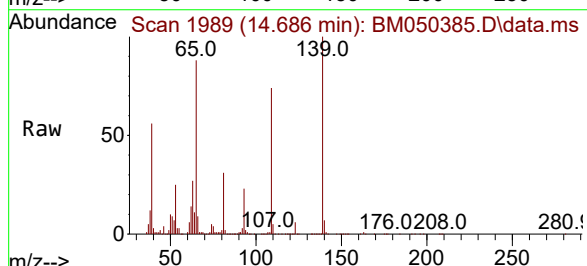
Tgt Ion:139 Resp: 521977

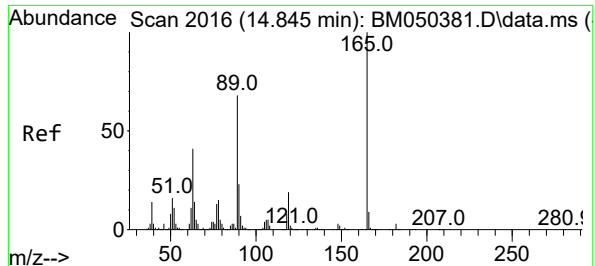
Ion Ratio Lower Upper

139 100

109 73.8 56.5 96.5

65 88.1 76.4 116.4

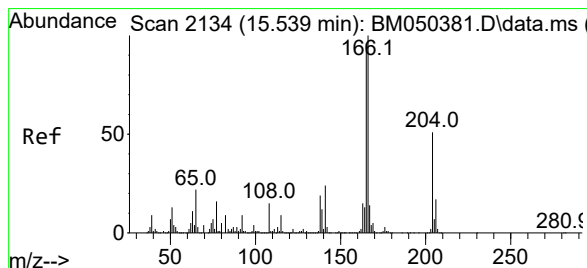
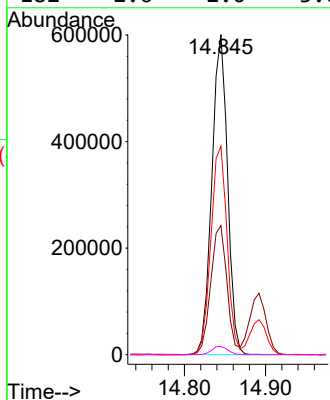
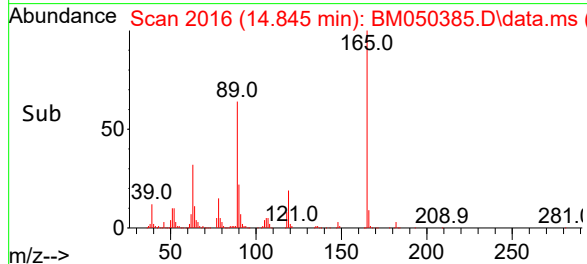
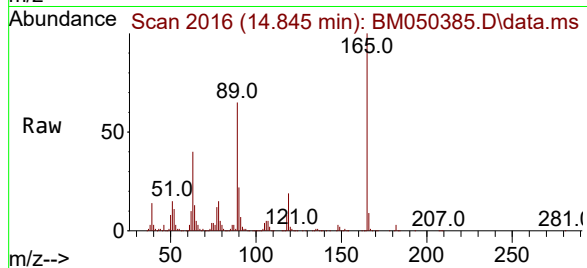




#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

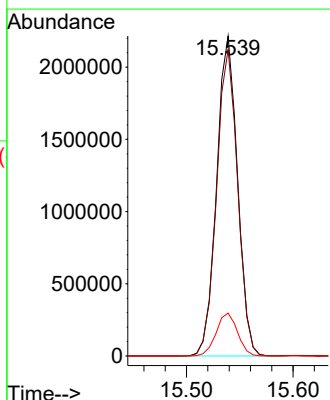
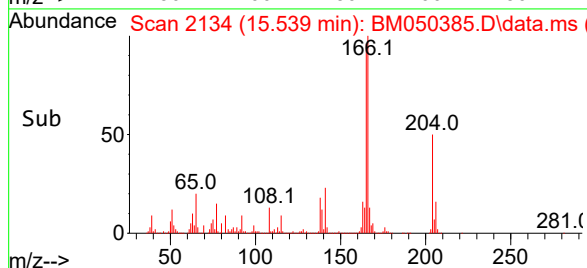
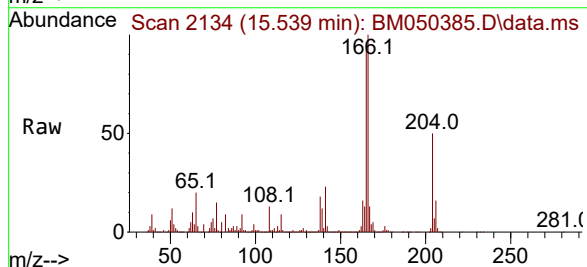
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

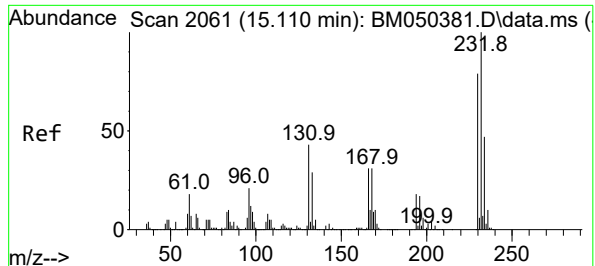
Tgt Ion:165 Resp: 807634
Ion Ratio Lower Upper
165 100
63 40.3 32.5 48.7
89 65.1 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:166 Resp: 3012801
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.4 10.9 16.3

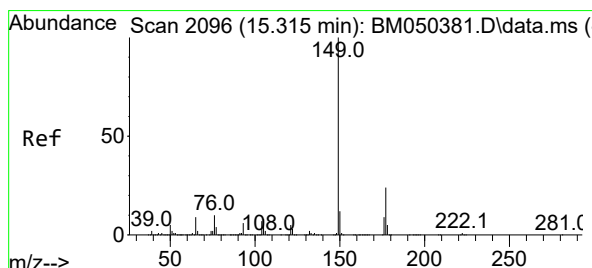
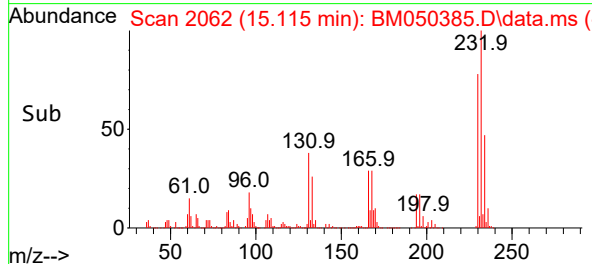
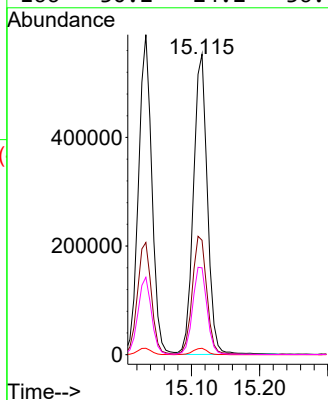
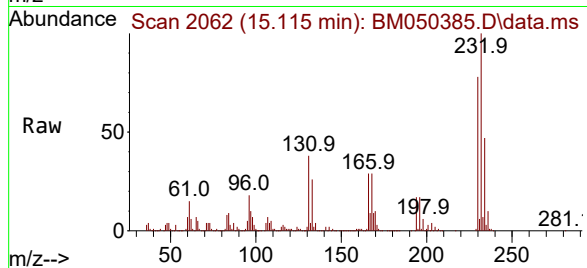




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

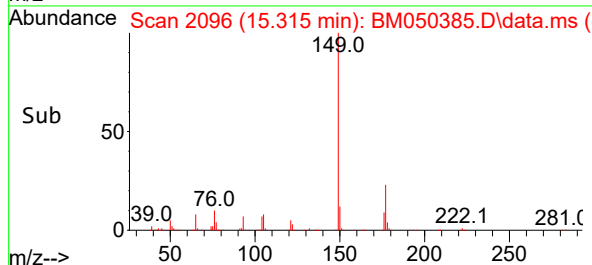
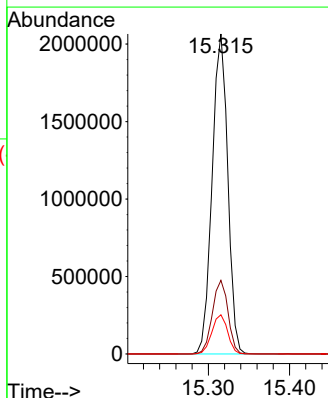
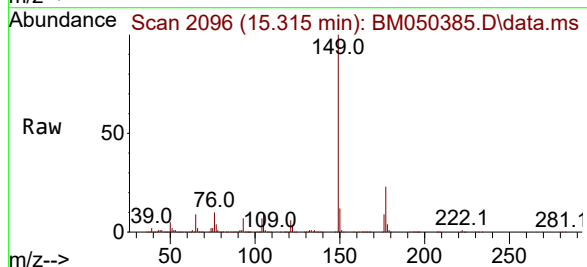
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

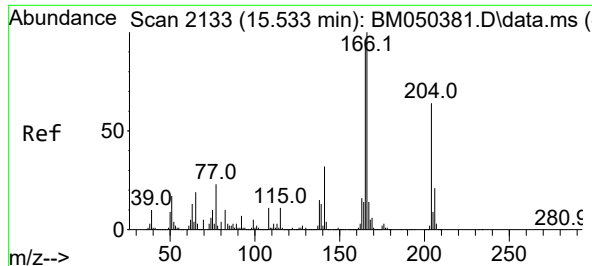
Tgt Ion:232 Resp: 784378
Ion Ratio Lower Upper
232 100
131 41.1 33.4 50.0
130 2.2 1.8 2.6
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2759041
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.2 9.8 14.8

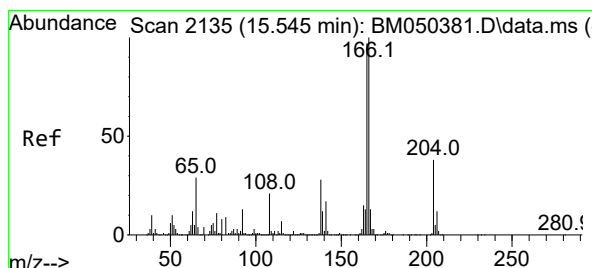
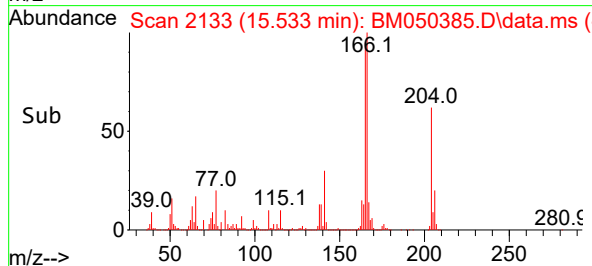
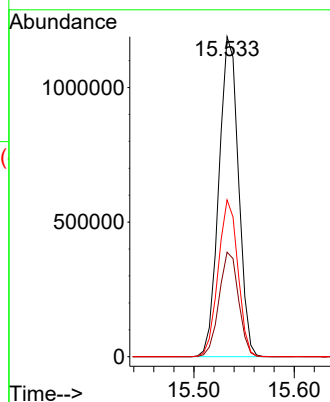
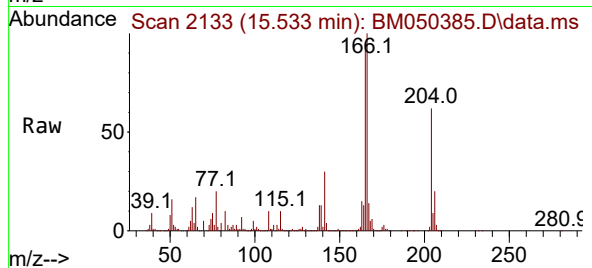




#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

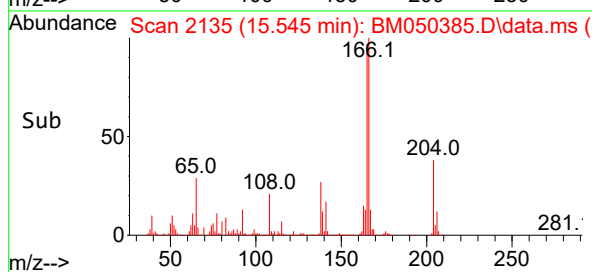
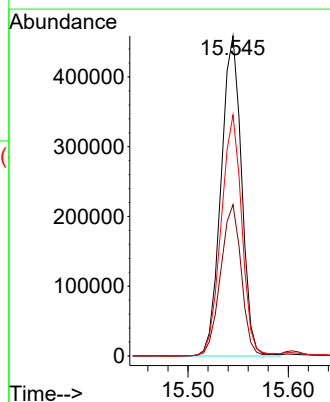
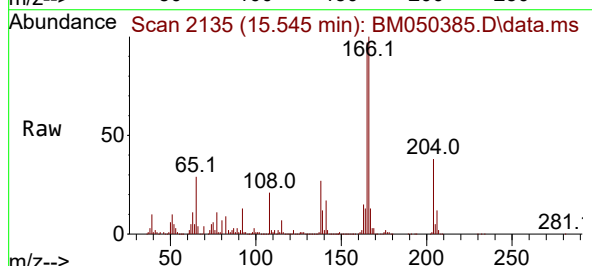
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

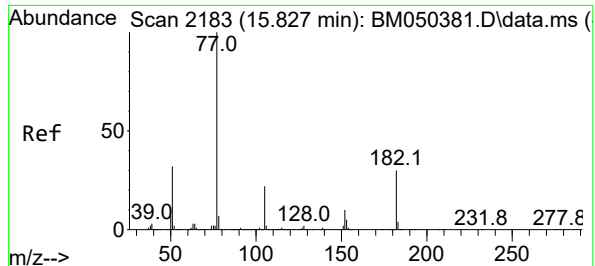
Tgt Ion:204 Resp: 1608200
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 49.0 39.9 59.9



#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:138 Resp: 649355
Ion Ratio Lower Upper
138 100
92 47.3 24.5 64.5
108 75.4 52.5 92.5

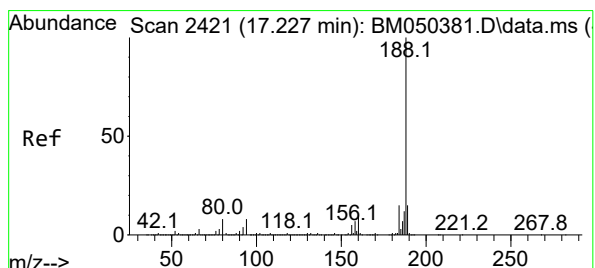
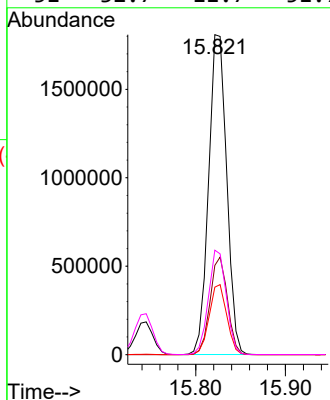
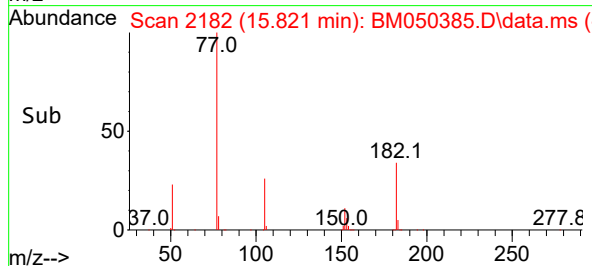
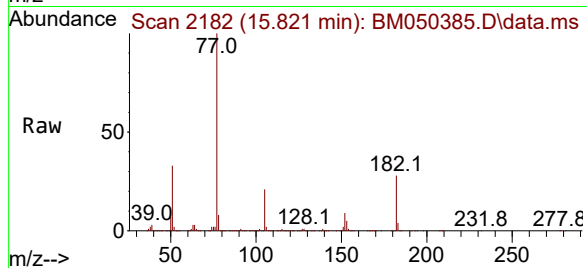




#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

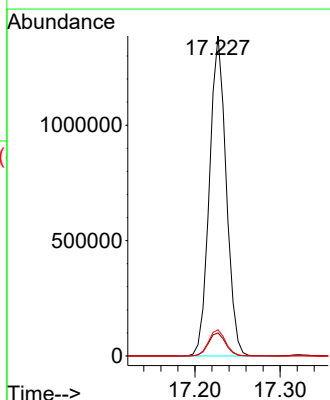
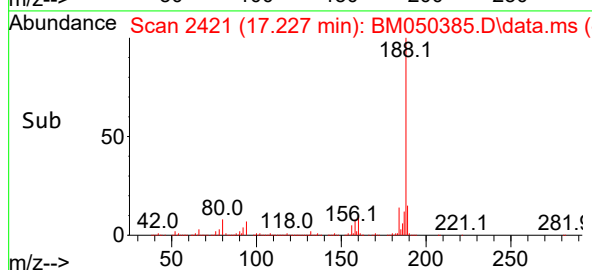
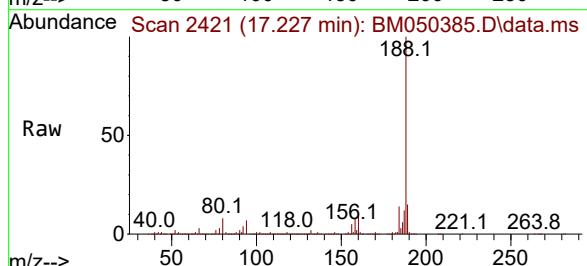
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

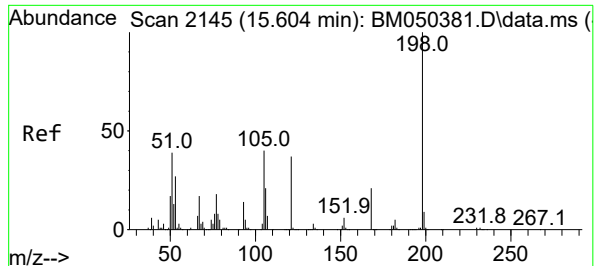
Tgt Ion: 77 Resp: 2528721
Ion Ratio Lower Upper
77 100
182 27.9 10.0 50.0
105 21.1 2.0 42.0
51 32.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 188 Resp: 1898481
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 8.2 6.5 9.7

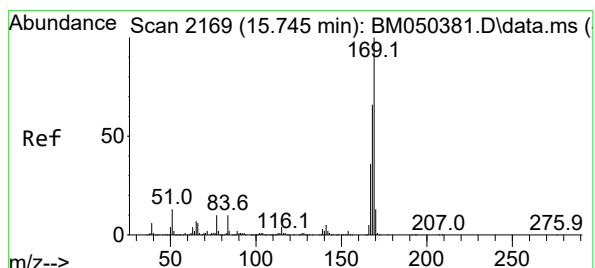
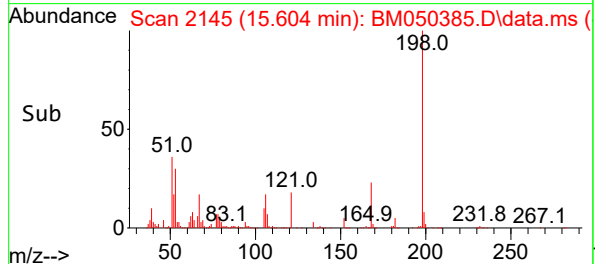
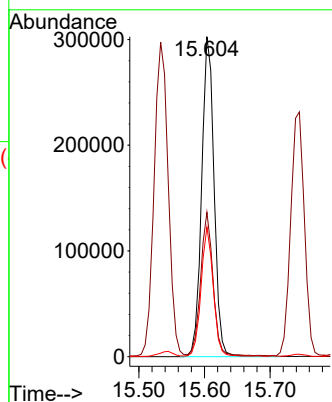
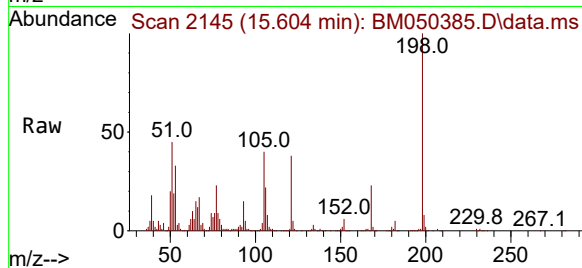




#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

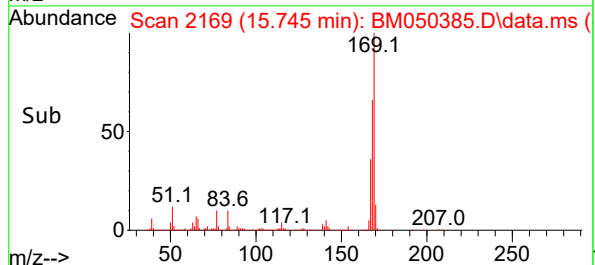
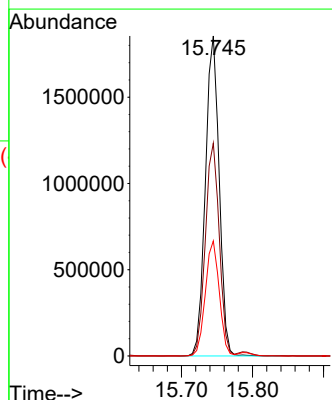
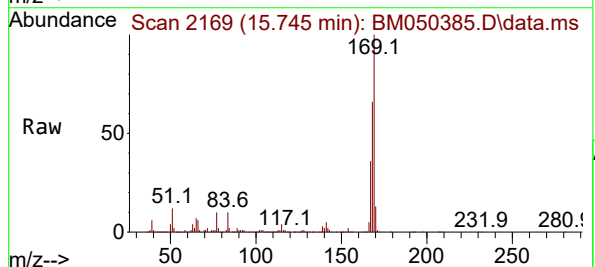
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

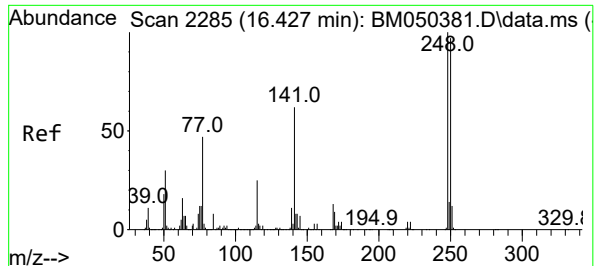
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.1	26.6	66.6
105	40.5	20.9	60.9



#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.0	28.7	43.1

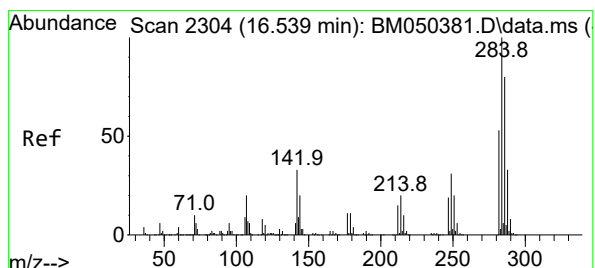
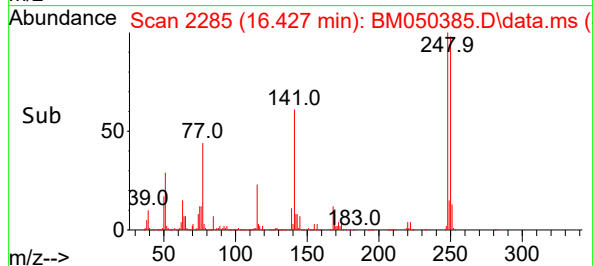
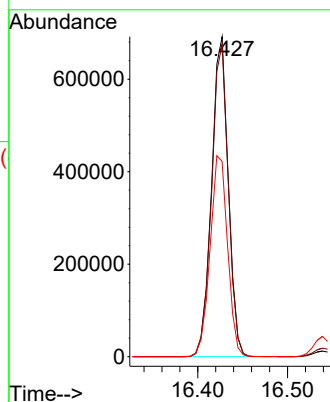
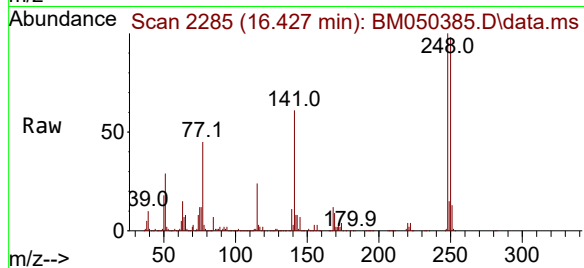




#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

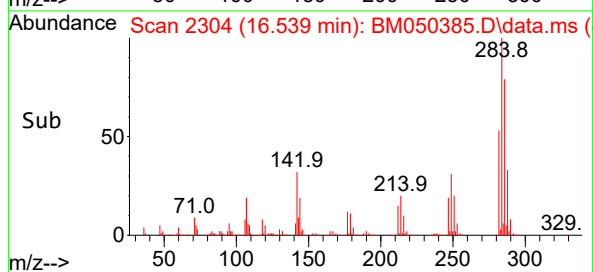
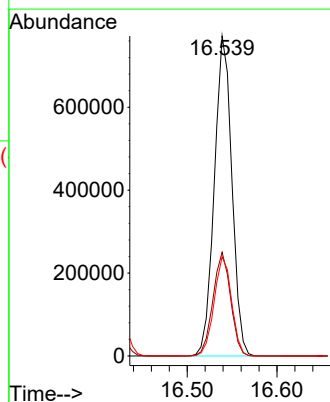
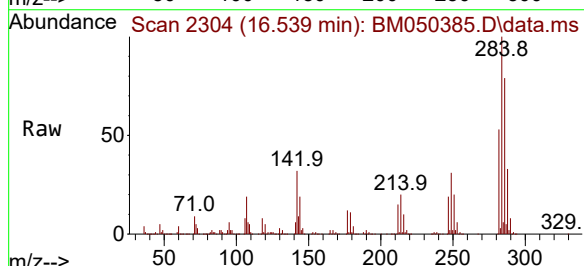
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

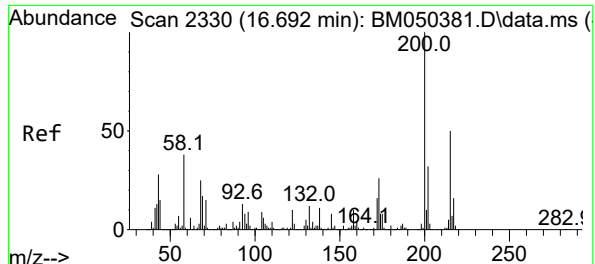
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	61.0	49.7	74.5



#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.8	40.2
249	31.0	24.5	36.7

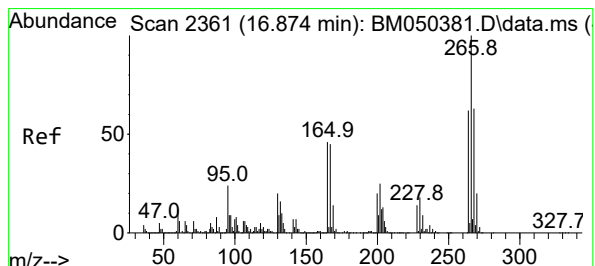
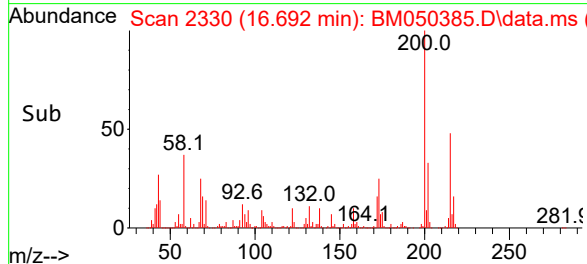
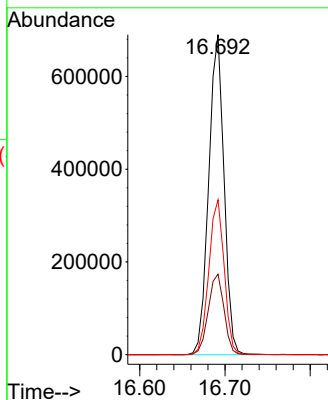
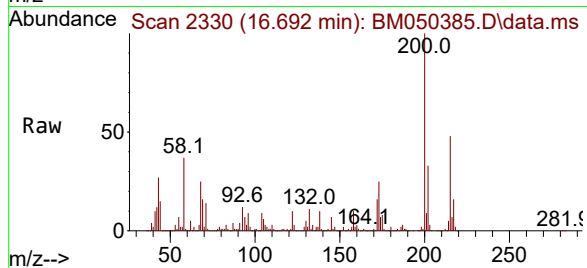




#69
Atrazine
Concen: 44.212 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

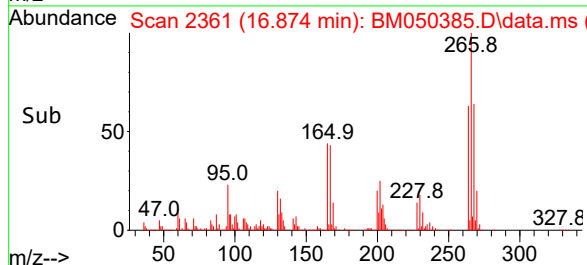
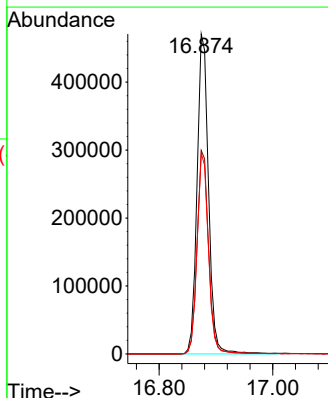
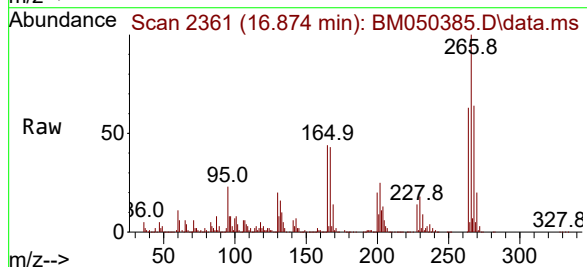
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

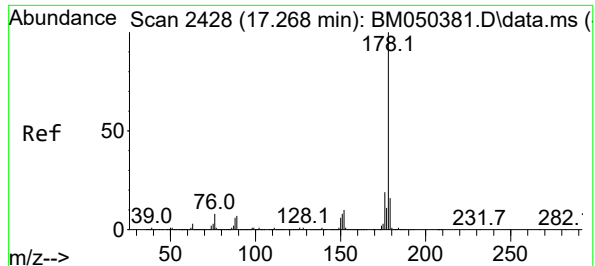
Tgt Ion	200	Resp	862455
Ion Ratio	Lower	Upper	
200	100		
173	25.2	5.6	45.6
215	48.4	29.6	69.6



#70
Pentachlorophenol
Concen: 43.075 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion	266	Resp	662449
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.5	75.7
264	62.6	49.9	74.9

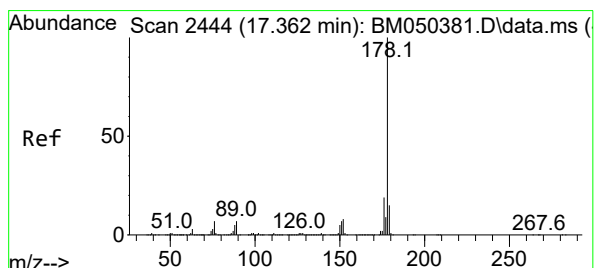
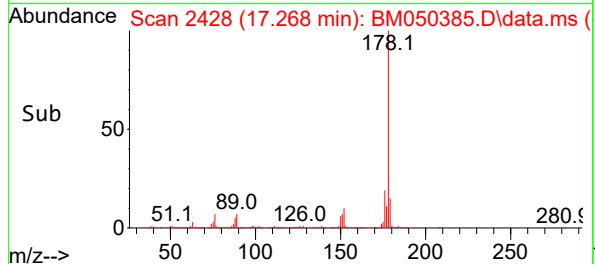
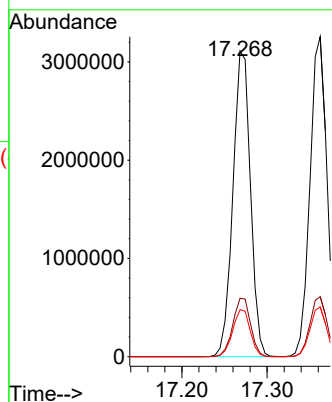
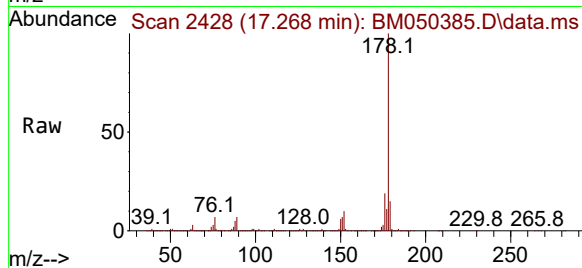




#71
Phenanthrene
Concen: 41.373 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

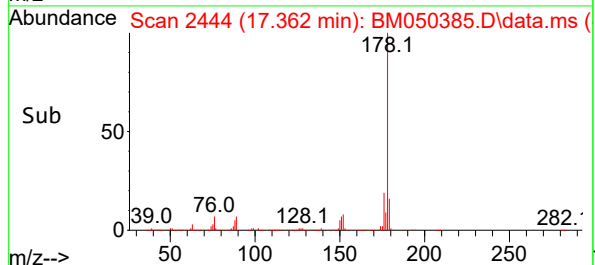
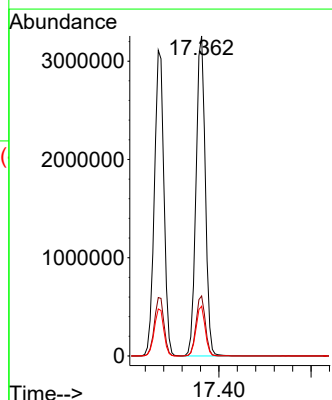
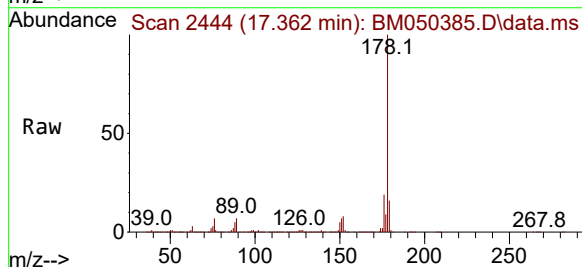
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

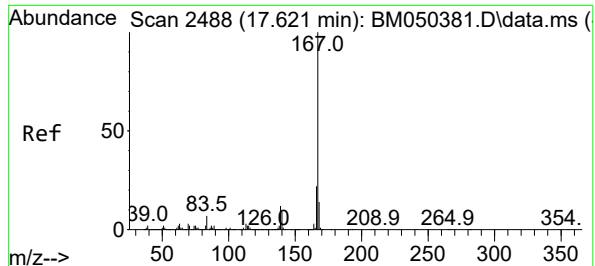
Tgt Ion:178 Resp: 4444618
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.5 18.7



#72
Anthracene
Concen: 42.316 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:178 Resp: 4525011
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.2 18.4

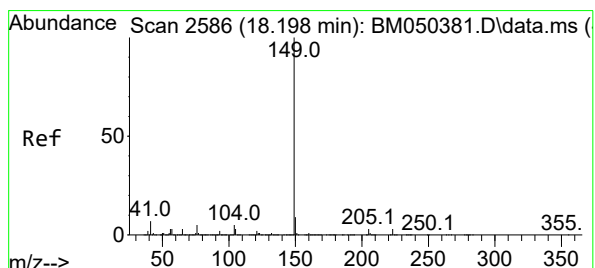
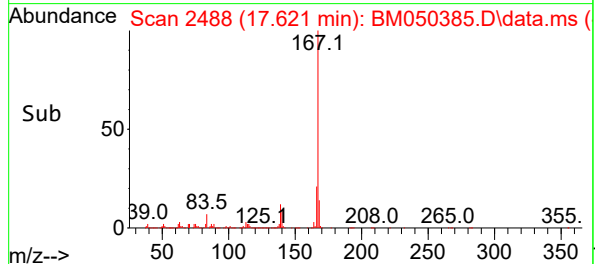
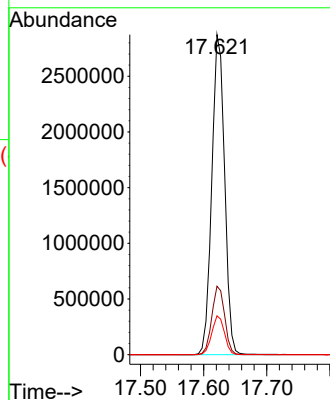
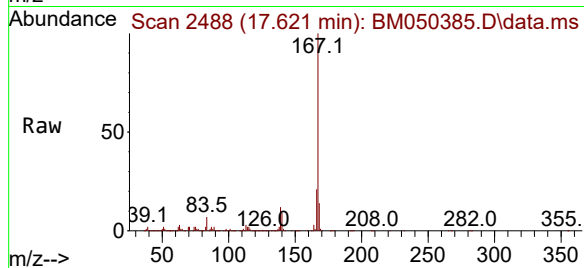




#73
Carbazole
Concen: 41.806 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

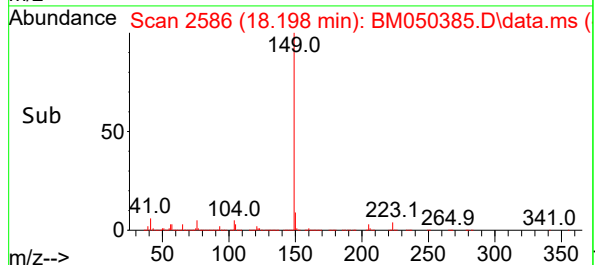
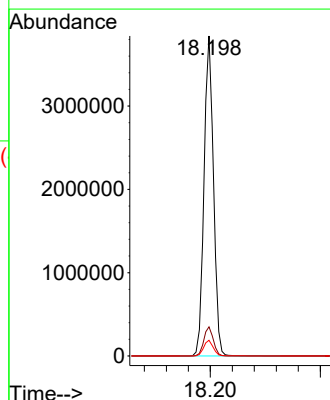
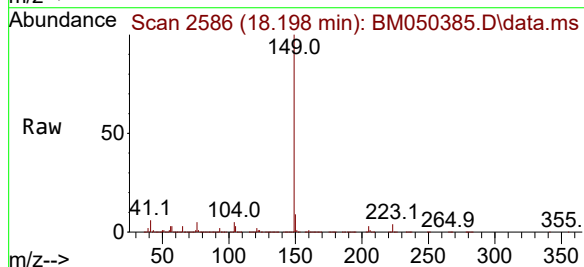
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

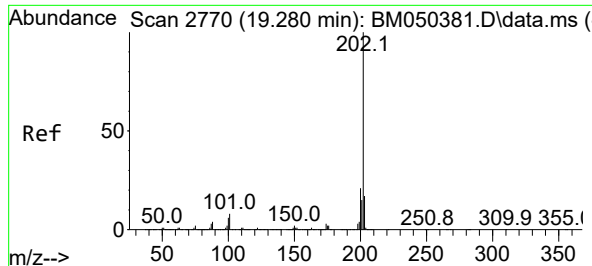
Tgt Ion:167 Resp: 4044979
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 43.247 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 4579991
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.9 3.9 5.9

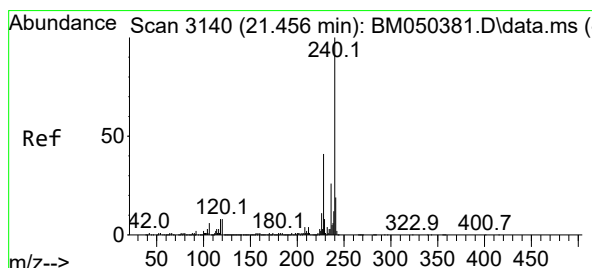
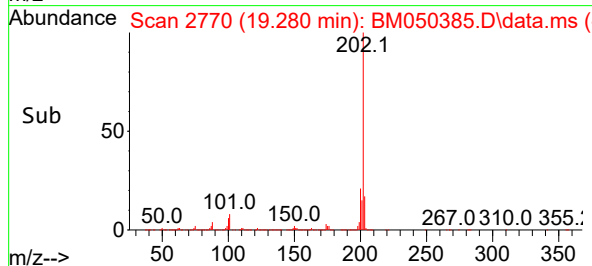
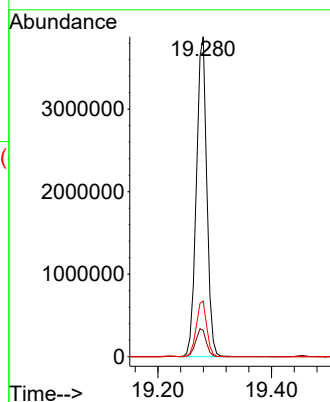
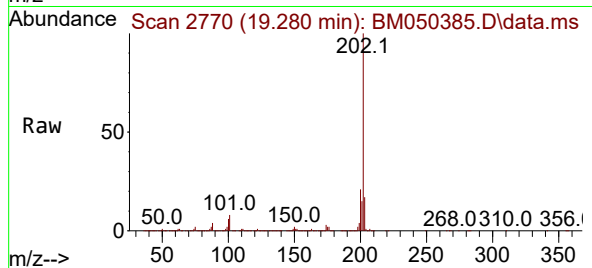




#75
Fluoranthene
Concen: 42.474 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

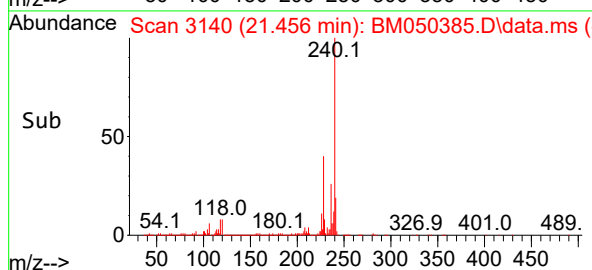
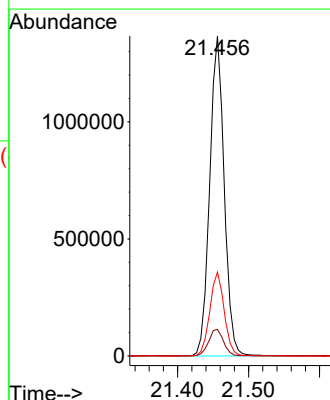
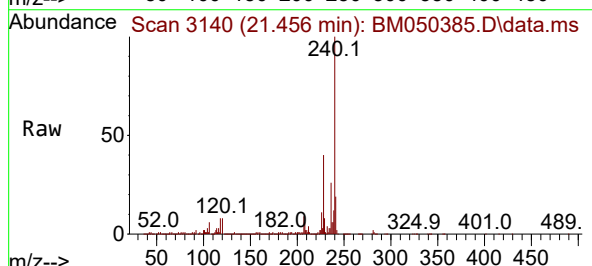
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

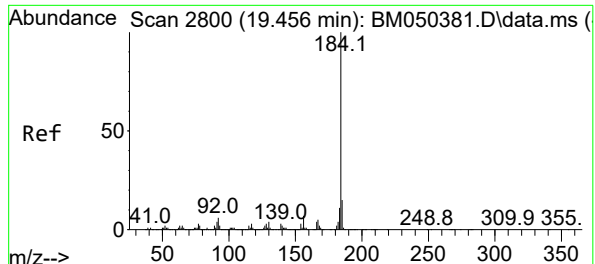
Tgt Ion:202 Resp: 4960360
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.3
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:240 Resp: 1940016
Ion Ratio Lower Upper
240 100
120 8.3 6.7 10.1
236 26.2 20.7 31.1

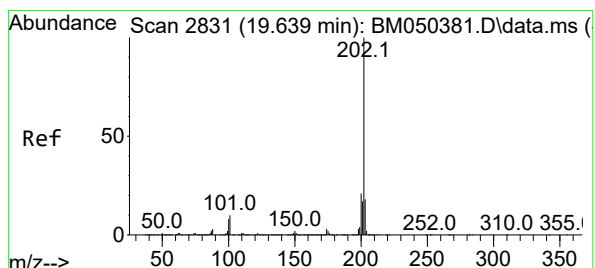
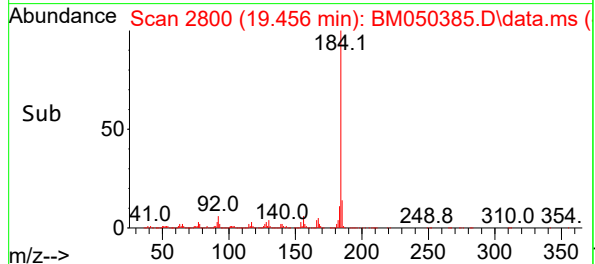
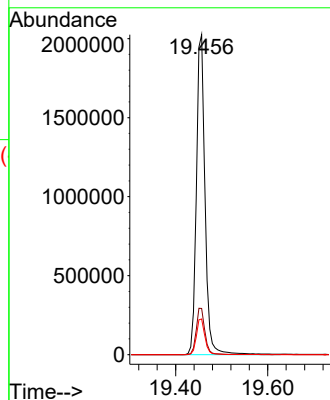
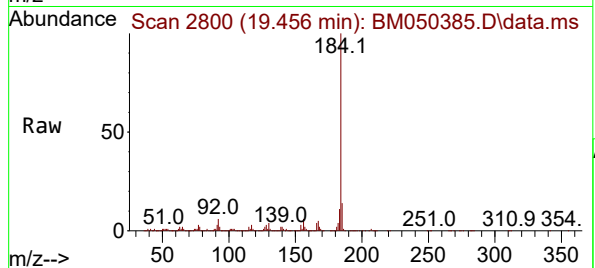




#77
Benzidine
Concen: 53.050 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

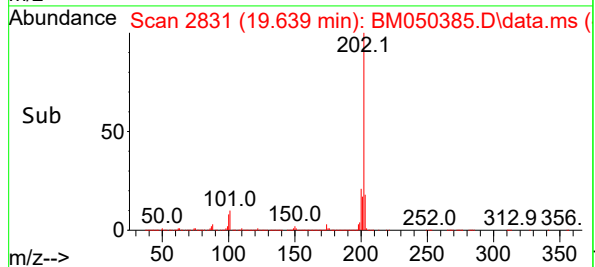
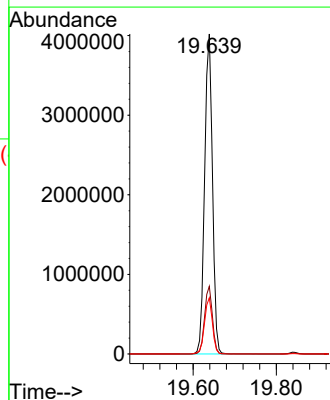
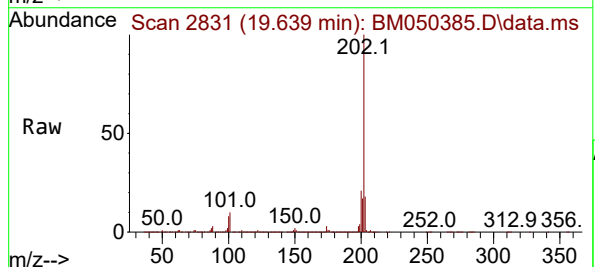
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

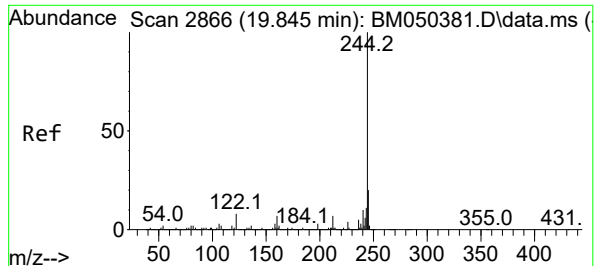
Tgt Ion:184 Resp: 2625052
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 9.0 13.6



#78
Pyrene
Concen: 42.257 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:202 Resp: 5250364
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1

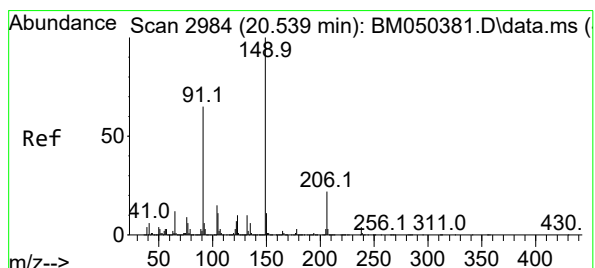
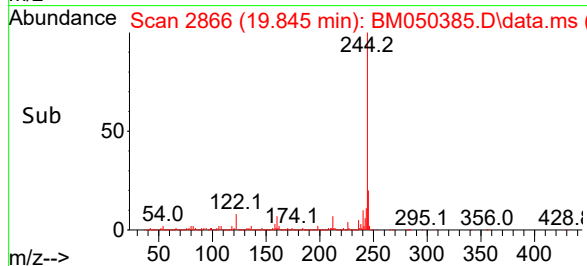
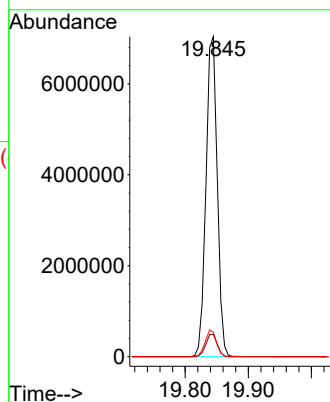
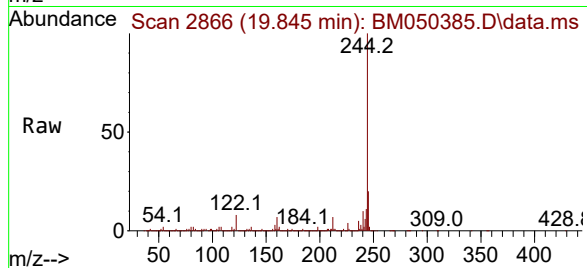




#79
Terphenyl-d14
Concen: 79.145 ng
RT: 19.845 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

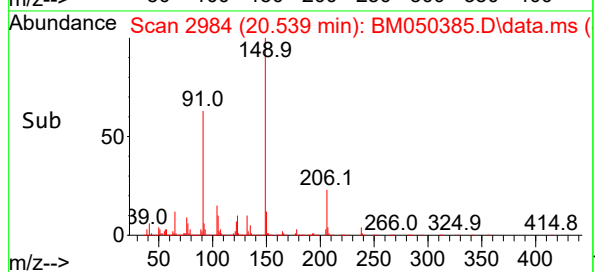
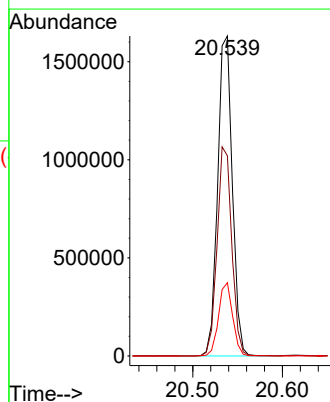
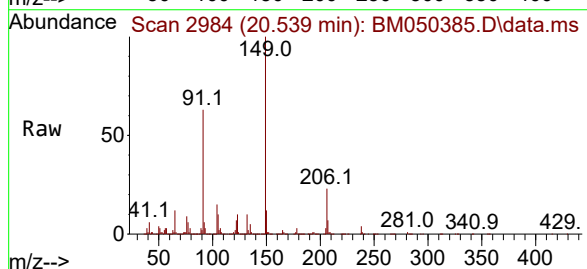
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

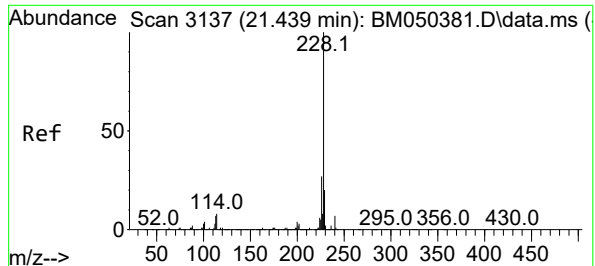
Tgt Ion:244 Resp: 8726739
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 7.7 6.2 9.2



#80
Butylbenzylphthalate
Concen: 45.139 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 1849278
Ion Ratio Lower Upper
149 100
91 62.6 51.6 77.4
206 22.9 17.8 26.8

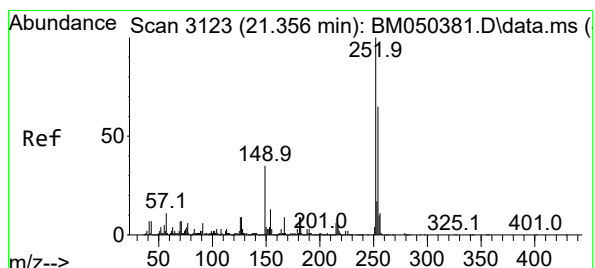
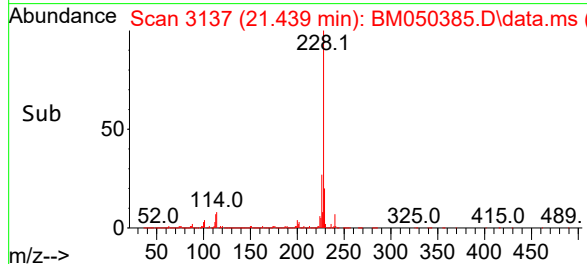
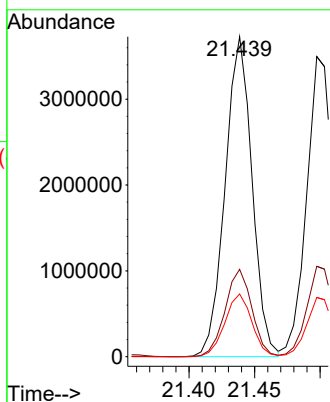
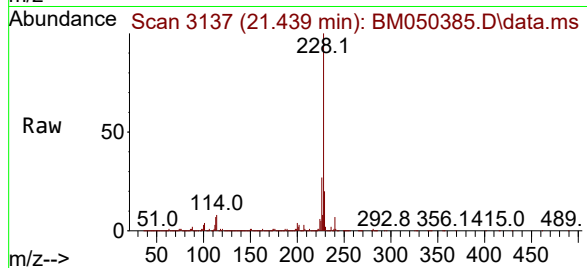




#81
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

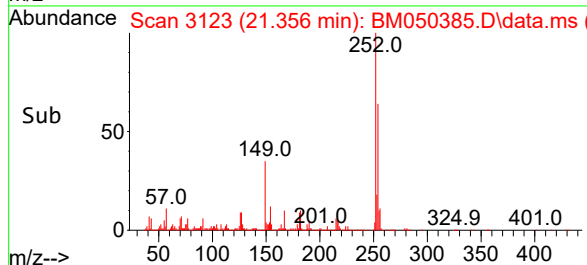
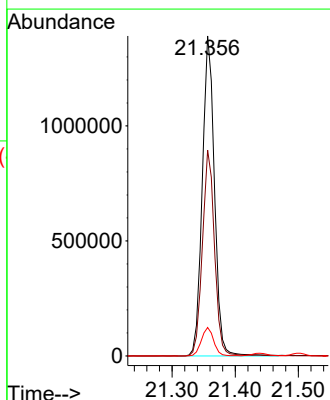
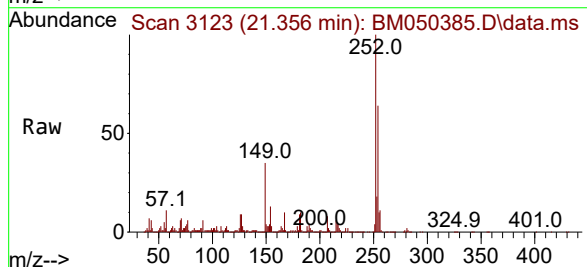
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

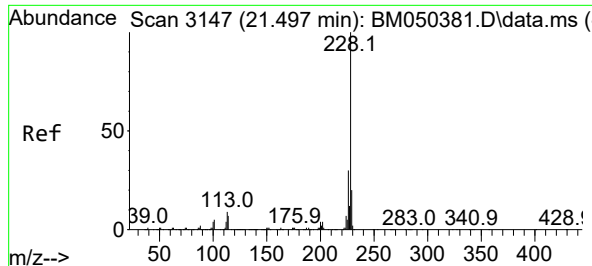
Tgt Ion:228 Resp: 5322771
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.733 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 1864267
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 8.9 7.3 10.9





#83

Chrysene

Concen: 41.924 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

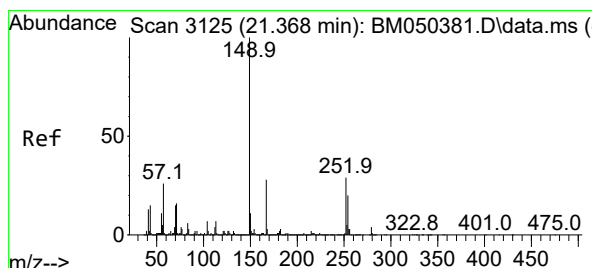
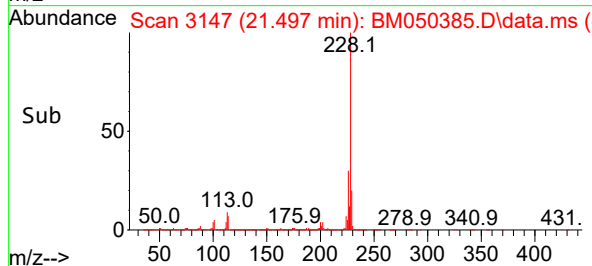
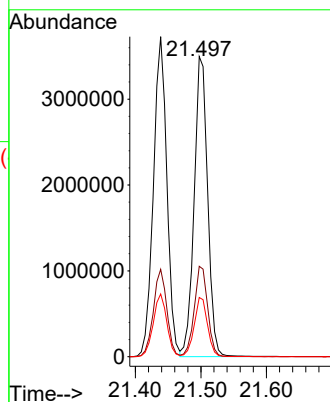
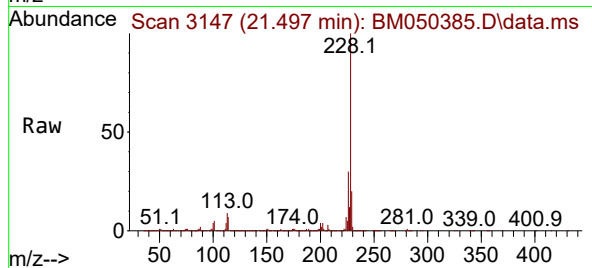
Tgt Ion:228 Resp: 4998506

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.481 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

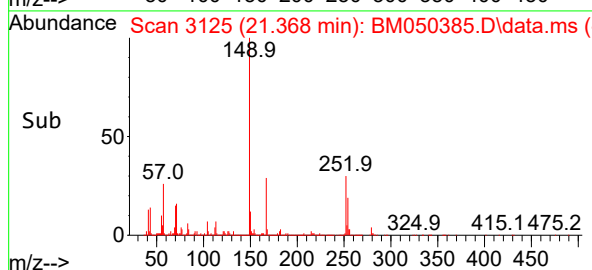
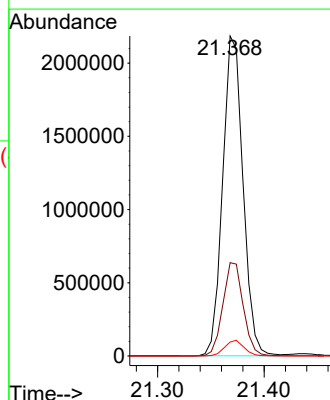
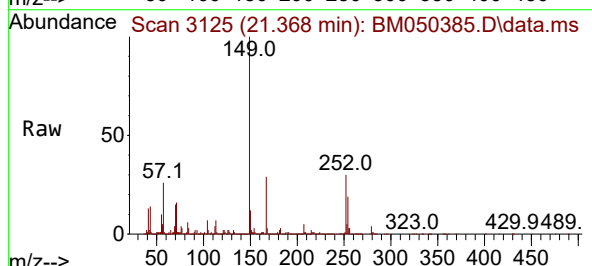
Tgt Ion:149 Resp: 2892877

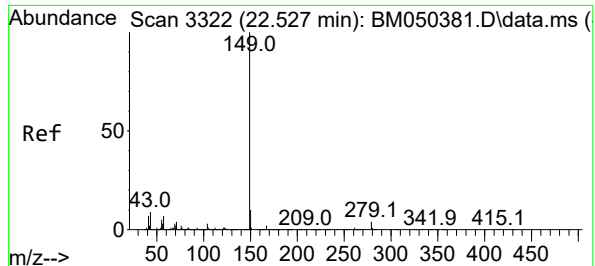
Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

279 4.4 3.5 5.3

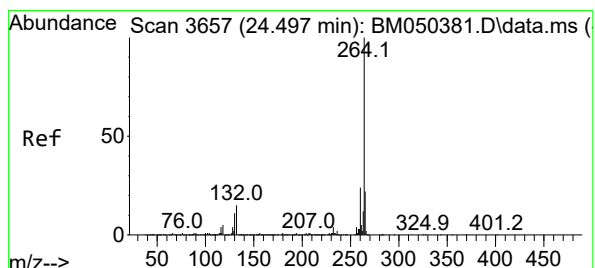
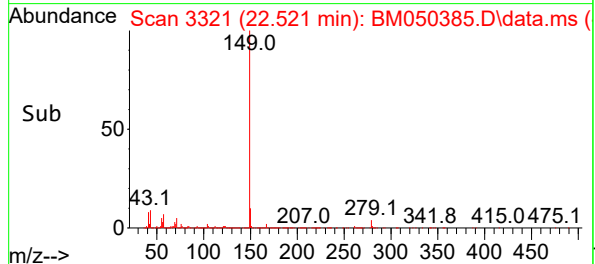
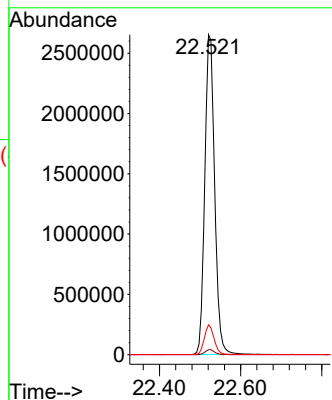
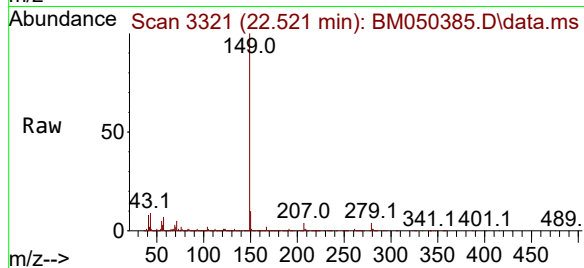




#85
Di-n-octyl phthalate
Concen: 43.760 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

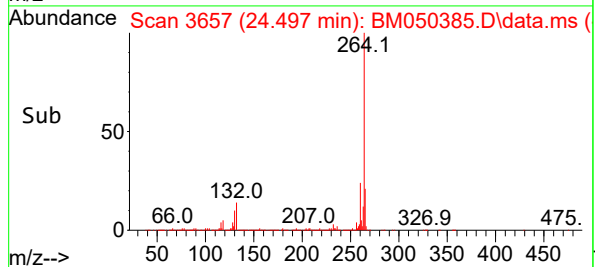
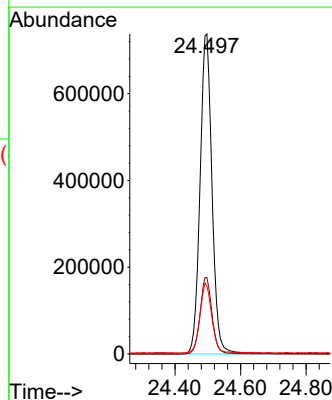
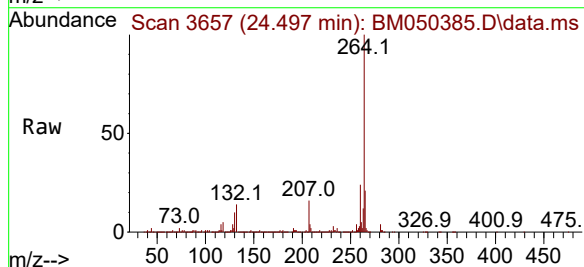
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

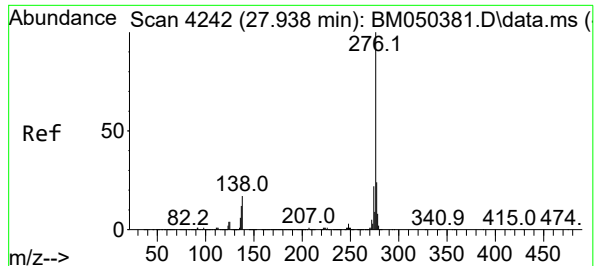
Tgt Ion:149 Resp: 4457449
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:264 Resp: 1874427
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.377 ng

RT: 27.938 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

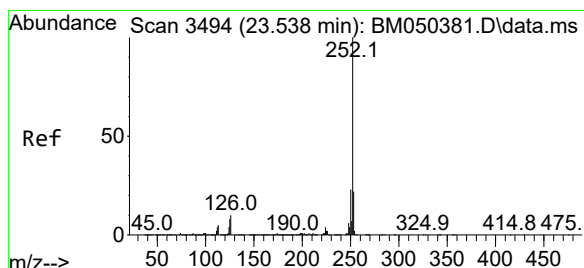
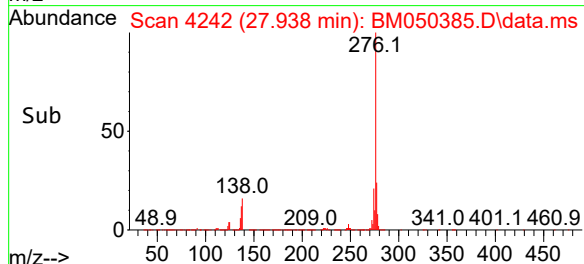
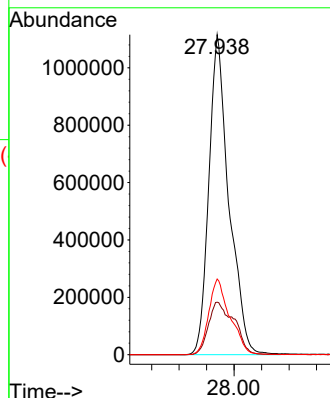
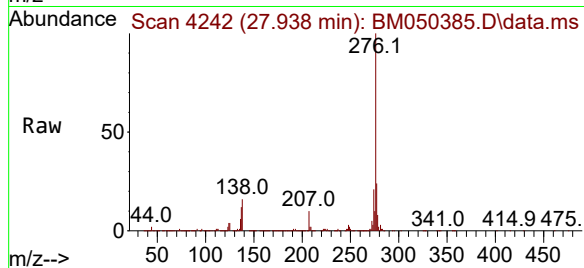
Tgt Ion:276 Resp: 5647629

Ion Ratio Lower Upper

276 100

138 21.1 17.0 25.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.558 ng

RT: 23.533 min Scan# 3493

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

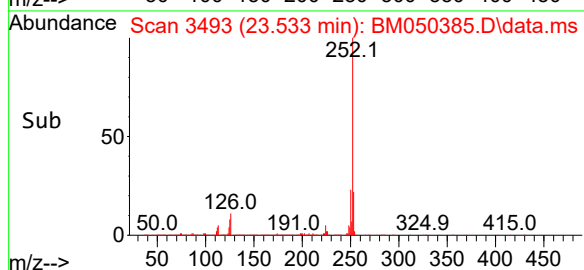
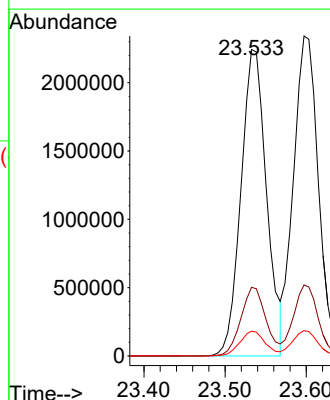
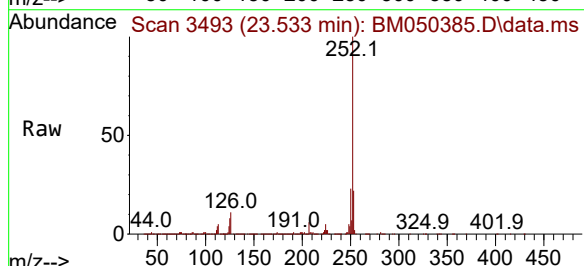
Tgt Ion:252 Resp: 4906807

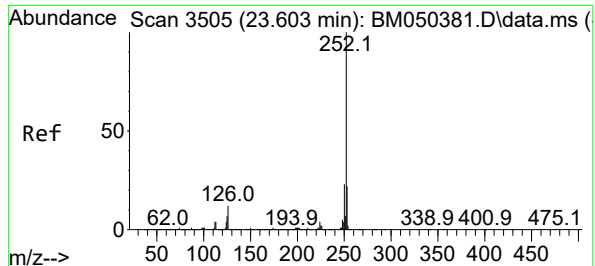
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.1 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 41.883 ng

RT: 23.597 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

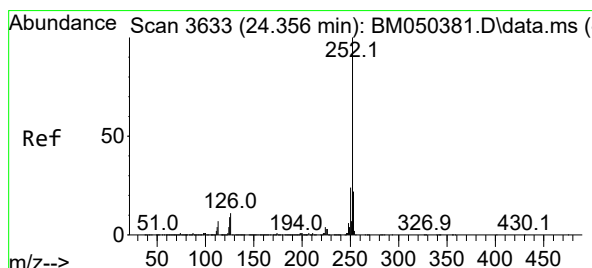
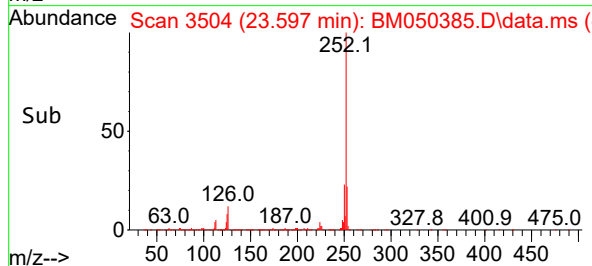
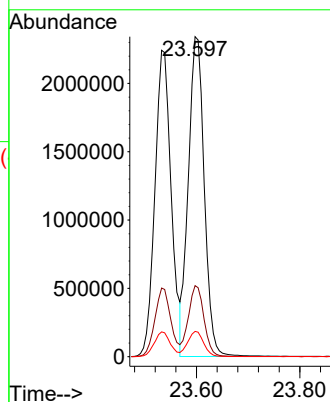
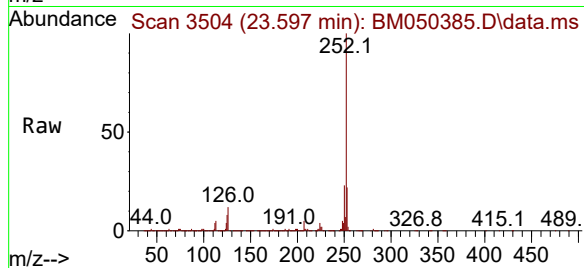
Tgt Ion:252 Resp: 5010695

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 7.9 6.2 9.2



#90

Benzo(a)pyrene

Concen: 42.933 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

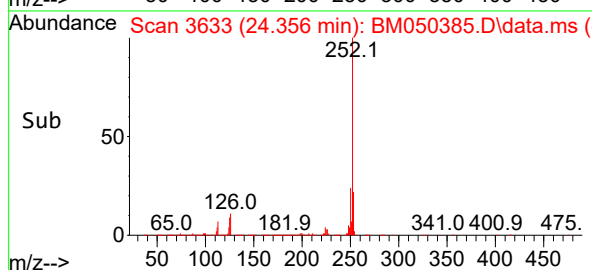
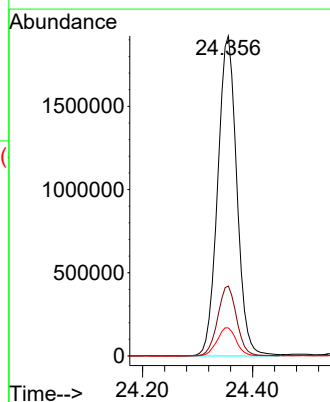
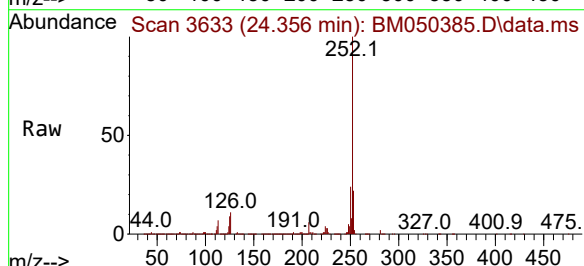
Tgt Ion:252 Resp: 4633762

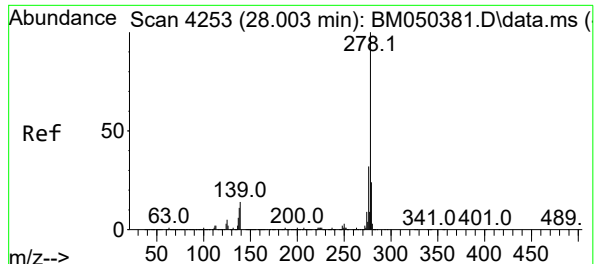
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 42.521 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

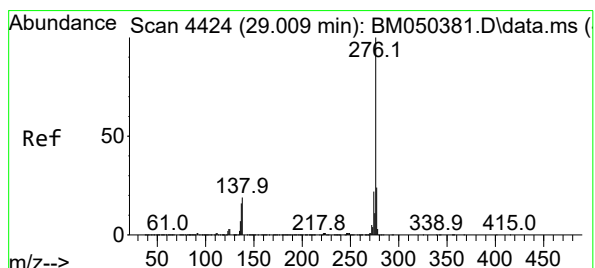
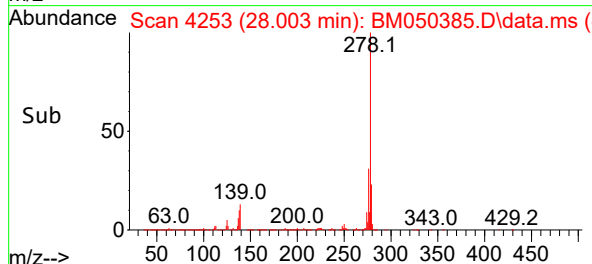
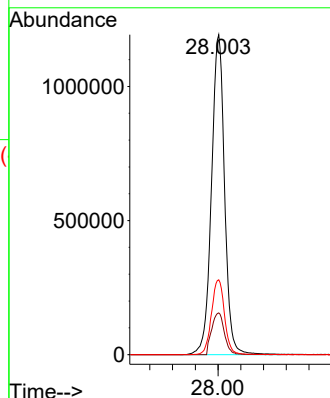
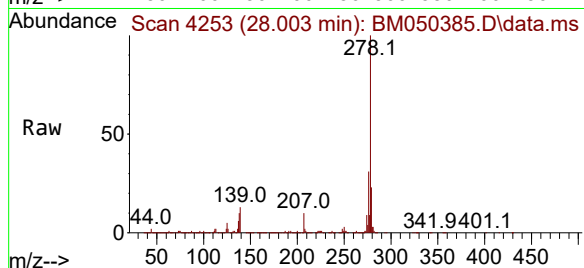
Tgt Ion:278 Resp: 4772470

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.4 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 42.197 ng

RT: 29.009 min Scan# 4424

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

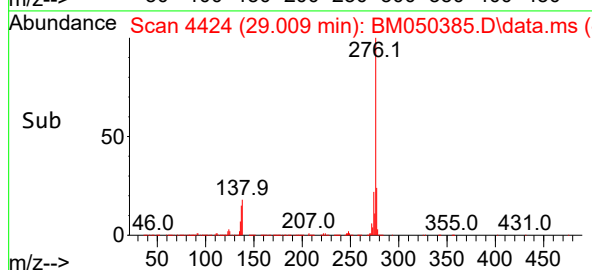
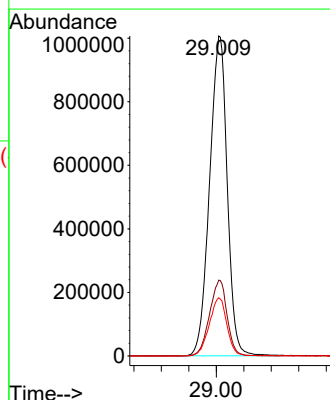
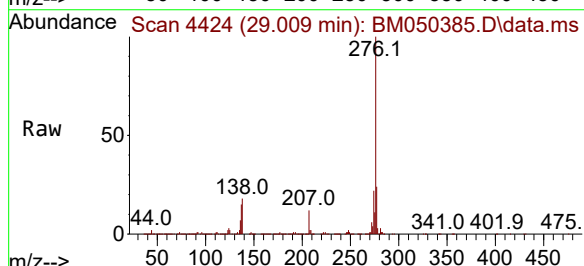
Tgt Ion:276 Resp: 4476118

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 18.2 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2	1,4-Dioxane	0.478	0.454	5.0	102	0.00
3	Pyridine	1.254	1.289	-2.8	109	0.00
4	n-Nitrosodimethylamine	0.585	0.597	-2.1	108	0.00
5 S	2-Fluorophenol	1.162	1.160	0.2	104	0.00
6	Aniline	1.880	2.000	-6.4	110	0.00
7 S	Phenol-d6	1.465	1.477	-0.8	104	0.00
8	2-Chlorophenol	1.225	1.315	-7.3	112	0.00
9	Benzaldehyde	0.871	0.988	-13.4	114	0.00
10 C	Phenol	1.528	1.608	-5.2	111	0.00
11	bis(2-Chloroethyl)ether	1.223	1.292	-5.6	112	0.00
12	1,3-Dichlorobenzene	1.490	1.559	-4.6	112	0.00
13 C	1,4-Dichlorobenzene	1.521	1.582	-4.0	112	0.00
14	1,2-Dichlorobenzene	1.456	1.510	-3.7	111	0.00
15	Benzyl Alcohol	1.032	1.098	-6.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.802	1.851	-2.7	110	0.00
17	2-Methylphenol	0.991	1.058	-6.8	111	0.00
18	Hexachloroethane	0.535	0.560	-4.7	112	0.00
19 P	n-Nitroso-di-n-propylamine	0.887	0.980	-10.5	111	0.00
20	3+4-Methylphenols	1.330	1.406	-5.7	110	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22	Acetophenone	0.500	0.529	-5.8	112	0.00
23 S	Nitrobenzene-d5	0.392	0.358	8.7	95	0.00
24	Nitrobenzene	0.350	0.366	-4.6	110	0.00
25	Isophorone	0.636	0.682	-7.2	111	0.00
26 C	2-Nitrophenol	0.143	0.166	-16.1	117	0.00
27	2,4-Dimethylphenol	0.303	0.322	-6.3	112	0.00
28	bis(2-Chloroethoxy)methane	0.422	0.441	-4.5	110	0.00
29 C	2,4-Dichlorophenol	0.312	0.336	-7.7	112	0.00
30	1,2,4-Trichlorobenzene	0.373	0.392	-5.1	112	0.00
31	Naphthalene	1.016	1.048	-3.1	110	0.00
32	Benzoic acid	0.165	0.191	-15.8	121	0.00
33	4-Chloroaniline	0.429	0.455	-6.1	110	0.00
34 C	Hexachlorobutadiene	0.228	0.241	-5.7	113	0.00
35	Caprolactam	0.085	0.092	-8.2	110	0.00
36 C	4-Chloro-3-methylphenol	0.291	0.315	-8.2	111	0.00
37	2-Methylnaphthalene	0.641	0.684	-6.7	112	0.00
38	1-Methylnaphthalene	0.679	0.718	-5.7	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.636	0.681	-7.1	114	0.00
41 P	Hexachlorocyclopentadiene	0.407	0.437	-7.4	115	0.00
42 S	2,4,6-Tribromophenol	0.243	0.255	-4.9	107	0.00
43 C	2,4,6-Trichlorophenol	0.391	0.426	-9.0	113	0.00
44	2,4,5-Trichlorophenol	0.428	0.465	-8.6	113	0.00
45 S	2-Fluorobiphenyl	1.620	1.431	11.7	94	0.00
46	1,1'-Biphenyl	1.484	1.542	-3.9	112	0.00
47	2-Chloronaphthalene	1.183	1.221	-3.2	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.264	0.294	-11.4	110	0.00
49	Acenaphthylene	1.788	1.876	-4.9	110	0.00
50	Dimethylphthalate	1.377	1.433	-4.1	111	0.00
51	2,6-Dinitrotoluene	0.264	0.293	-11.0	112	0.00
52 C	Acenaphthene	1.137	1.181	-3.9	111	0.00
53	3-Nitroaniline	0.281	0.315	-12.1	112	0.00
54 P	2,4-Dinitrophenol	0.121	0.132	-9.1	118	0.00
55	Dibenzofuran	1.751	1.790	-2.2	109	0.00
56 P	4-Nitrophenol	0.242	0.259	-7.0	110	0.00
57	2,4-Dinitrotoluene	0.350	0.401	-14.6	113	0.00
58	Fluorene	1.443	1.494	-3.5	110	0.00
59	2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	111	0.00
60	Diethylphthalate	1.315	1.368	-4.0	109	0.00
61	4-Chlorophenyl-phenylether	0.754	0.798	-5.8	111	0.00
62	4-Nitroaniline	0.288	0.322	-11.8	108	0.00
63	Azobenzene	1.208	1.254	-3.8	108	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	0.095	0.105	-10.5	117	0.00
66 c	n-Nitrosodiphenylamine	0.626	0.660	-5.4	110	0.00
67	4-Bromophenyl-phenylether	0.220	0.236	-7.3	112	0.00
68	Hexachlorobenzene	0.260	0.276	-6.2	111	0.00
69	Atrazine	0.206	0.227	-10.2	111	0.00
70 C	Pentachlorophenol	0.162	0.174	-7.4	112	0.00
71	Phenanthrene	1.132	1.171	-3.4	110	0.00
72	Anthracene	1.127	1.192	-5.8	110	0.00
73	Carbazole	1.019	1.065	-4.5	109	0.00
74	Di-n-butylphthalate	1.116	1.206	-8.1	109	0.00
75 C	Fluoranthene	1.230	1.306	-6.2	110	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.510	0.677	-32.7#	125	0.00
78	Pyrene	1.281	1.353	-5.6	109	0.00
79 S	Terphenyl-d14	1.137	1.125	1.1	91	0.00
80	Butylbenzylphthalate	0.422	0.477	-13.0	110	0.00
81	Benzo(a)anthracene	1.303	1.372	-5.3	109	0.00
82	3,3'-Dichlorobenzidine	0.439	0.480	-9.3	114	0.00
83	Chrysene	1.229	1.288	-4.8	109	0.00
84	Bis(2-ethylhexyl)phthalate	0.670	0.746	-11.3	108	0.00
85 c	Di-n-octyl phthalate	1.050	1.149	-9.4	111	0.00
86 I	Perylene-d12	1.000	1.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	1.422	1.506	-5.9	108	0.00
88	Benzo(b)fluoranthene	1.230	1.309	-6.4	108	0.00
89	Benzo(k)fluoranthene	1.276	1.337	-4.8	108	0.00
90 C	Benzo(a)pyrene	1.152	1.236	-7.3	109	0.00
91	Dibenzo(a,h)anthracene	1.198	1.273	-6.3	109	0.00
92	Benzo(g,h,i)perylene	1.132	1.194	-5.5	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
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Instrument :
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Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2	1,4-Dioxane	40.000	37.994	5.0	102	0.00
3	Pyridine	40.000	41.118	-2.8	109	0.00
4	n-Nitrosodimethylamine	40.000	40.835	-2.1	108	0.00
5 S	2-Fluorophenol	80.000	79.859	0.2	104	0.00
6	Aniline	40.000	42.568	-6.4	110	0.00
7 S	Phenol-d6	80.000	80.660	-0.8	104	0.00
8	2-Chlorophenol	40.000	42.935	-7.3	112	0.00
9	Benzaldehyde	40.000	45.376	-13.4	114	0.00
10 C	Phenol	40.000	42.114	-5.3	111	0.00
11	bis(2-Chloroethyl)ether	40.000	42.240	-5.6	112	0.00
12	1,3-Dichlorobenzene	40.000	41.848	-4.6	112	0.00
13 C	1,4-Dichlorobenzene	40.000	41.609	-4.0	112	0.00
14	1,2-Dichlorobenzene	40.000	41.478	-3.7	111	0.00
15	Benzyl Alcohol	40.000	42.555	-6.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.095	-2.7	110	0.00
17	2-Methylphenol	40.000	42.726	-6.8	111	0.00
18	Hexachloroethane	40.000	41.906	-4.8	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	44.168	-10.4	111	0.00
20	3+4-Methylphenols	40.000	42.276	-5.7	110	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22	Acetophenone	40.000	42.290	-5.7	112	0.00
23 S	Nitrobenzene-d5	80.000	73.139	8.6	95	0.00
24	Nitrobenzene	40.000	41.860	-4.6	110	0.00
25	Isophorone	40.000	42.909	-7.3	111	0.00
26 C	2-Nitrophenol	40.000	46.488	-16.2	117	0.00
27	2,4-Dimethylphenol	40.000	42.470	-6.2	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.880	-4.7	110	0.00
29 C	2,4-Dichlorophenol	40.000	43.061	-7.7	112	0.00
30	1,2,4-Trichlorobenzene	40.000	42.001	-5.0	112	0.00
31	Naphthalene	40.000	41.281	-3.2	110	0.00
32	Benzoic acid	40.000	41.913	-4.8	121	0.00
33	4-Chloroaniline	40.000	42.424	-6.1	110	0.00
34 C	Hexachlorobutadiene	40.000	42.386	-6.0	113	0.00
35	Caprolactam	40.000	43.156	-7.9	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.312	-8.3	111	0.00
37	2-Methylnaphthalene	40.000	42.637	-6.6	112	0.00
38	1-Methylnaphthalene	40.000	42.292	-5.7	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.859	-7.1	114	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.015	-7.5	115	0.00
42 S	2,4,6-Tribromophenol	80.000	83.788	-4.7	107	0.00
43 C	2,4,6-Trichlorophenol	40.000	43.485	-8.7	113	0.00
44	2,4,5-Trichlorophenol	40.000	43.542	-8.9	113	0.00
45 S	2-Fluorobiphenyl	80.000	70.689	11.6	94	0.00
46	1,1'-Biphenyl	40.000	41.557	-3.9	112	0.00
47	2-Chloronaphthalene	40.000	41.272	-3.2	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	44.497	-11.2	110	0.00
49	Acenaphthylene	40.000	41.972	-4.9	110	0.00
50	Dimethylphthalate	40.000	41.635	-4.1	111	0.00
51	2,6-Dinitrotoluene	40.000	44.405	-11.0	112	0.00
52 C	Acenaphthene	40.000	41.562	-3.9	111	0.00
53	3-Nitroaniline	40.000	44.871	-12.2	112	0.00
54 P	2,4-Dinitrophenol	40.000	39.797	0.5	118	0.00
55	Dibenzofuran	40.000	40.877	-2.2	109	0.00
56 P	4-Nitrophenol	40.000	42.822	-7.1	110	0.00
57	2,4-Dinitrotoluene	40.000	40.905	-2.3	113	0.00
58	Fluorene	40.000	41.425	-3.6	110	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.229	-8.1	111	0.00
60	Diethylphthalate	40.000	41.609	-4.0	109	0.00
61	4-Chlorophenyl-phenylether	40.000	42.288	-5.7	111	0.00
62	4-Nitroaniline	40.000	40.288	-0.7	108	0.00
63	Azobenzene	40.000	41.531	-3.8	108	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.334	-0.8	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.198	-5.5	110	0.00
67	4-Bromophenyl-phenylether	40.000	42.755	-6.9	112	0.00
68	Hexachlorobenzene	40.000	42.380	-6.0	111	0.00
69	Atrazine	40.000	44.212	-10.5	111	0.00
70 C	Pentachlorophenol	40.000	43.075	-7.7	112	0.00
71	Phenanthrene	40.000	41.373	-3.4	110	0.00
72	Anthracene	40.000	42.316	-5.8	110	0.00
73	Carbazole	40.000	41.806	-4.5	109	0.00
74	Di-n-butylphthalate	40.000	43.247	-8.1	109	0.00
75 C	Fluoranthene	40.000	42.474	-6.2	110	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	53.050	-32.6#	125	0.00
78	Pyrene	40.000	42.257	-5.6	109	0.00
79 S	Terphenyl-d14	80.000	79.145	1.1	91	0.00
80	Butylbenzylphthalate	40.000	45.139	-12.8	110	0.00
81	Benzo(a)anthracene	40.000	42.109	-5.3	109	0.00
82	3,3'-Dichlorobenzidine	40.000	43.733	-9.3	114	0.00
83	Chrysene	40.000	41.924	-4.8	109	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.481	-11.2	108	0.00
85 c	Di-n-octyl phthalate	40.000	43.760	-9.4	111	0.00
86 I	Perylene-d12	20.000	20.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.377	-5.9	108	0.00
88	Benzo(b)fluoranthene	40.000	42.558	-6.4	108	0.00
89	Benzo(k)fluoranthene	40.000	41.883	-4.7	108	0.00
90 C	Benzo(a)pyrene	40.000	42.933	-7.3	109	0.00
91	Dibenzo(a,h)anthracene	40.000	42.521	-6.3	109	0.00
92	Benzo(g,h,i)perylene	40.000	42.197	-5.5	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ENTA05
 Lab Code: ACE SDG No.: Q2579
 Instrument ID: BNA_M Calibration Date/Time: 07/15/2025 09:30
 Lab File ID: BM050447.D Init. Calib. Date(s): 07/08/2025 07/08/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.254	1.252		-0.2	
2-Fluorophenol	1.162	1.152		-0.9	
Phenol-d6	1.465	1.489		1.6	
1,4-Dichlorobenzene	1.521	1.486		-2.3	20.0
2-Methylphenol	0.991	1.000		0.9	
3+4-Methylphenols	1.330	1.352		1.7	
Nitrobenzene-d5	0.392	0.393		0.3	
Hexachloroethane	0.535	0.515		-3.7	
Nitrobenzene	0.350	0.346		-1.1	
Hexachlorobutadiene	0.228	0.227		-0.4	20.0
2,4,6-Trichlorophenol	0.391	0.418		6.9	20.0
2-Fluorobiphenyl	1.620	1.586		-2.1	
2,4,5-Trichlorophenol	0.428	0.462		7.9	
2,4-Dinitrotoluene	0.350	0.405		15.7	
2,4,6-Tribromophenol	0.243	0.288		18.5	
Hexachlorobenzene	0.260	0.267		2.7	
Pentachlorophenol	0.162	0.178		9.9	20.0
Terphenyl-d14	1.137	1.065		-6.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	505050	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1936274	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1270220	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2544953	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2847956	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2980889	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2326774	79.301	ng	0.00
7) Phenol-d6	7.022	99	3007887	81.322	ng	0.00
23) Nitrobenzene-d5	9.010	82	3042210	80.158	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	1463017	94.796	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	8057853	78.340	ng	-0.01
79) Terphenyl-d14	19.827	244	12131148	74.946	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.334	88	464312	38.484	ng 99
3) Pyridine	3.734	79	1264280	39.914	ng 99
4) n-Nitrosodimethylamine	3.640	42	566490	38.363	ng 95
6) Aniline	7.181	93	1943489	40.944	ng 99
8) 2-Chlorophenol	7.422	128	1267803	40.978	ng 98
9) Benzaldehyde	6.999	77	977563	44.430	ng 98
10) Phenol	7.046	94	1554016	40.282	ng 99
11) bis(2-Chloroethyl)ether	7.281	93	1209394	39.145	ng 98
12) 1,3-Dichlorobenzene	7.752	146	1466581	38.984	ng 97
13) 1,4-Dichlorobenzene	7.899	146	1500873	39.072	ng 99
14) 1,2-Dichlorobenzene	8.210	146	1439607	39.145	ng 99
15) Benzyl Alcohol	8.093	79	1066649	40.929	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1718722	37.768	ng 99
17) 2-Methylphenol	8.299	107	1010049	40.368	ng 98
18) Hexachloroethane	8.946	117	520666	38.540	ng 97
19) n-Nitroso-di-n-propyla...	8.663	70	928749	41.449	ng 96
20) 3+4-Methylphenols	8.622	107	1365780	40.661	ng 100
22) Acetophenone	8.681	105	1886218	38.962	ng # 97
24) Nitrobenzene	9.057	77	1338425	39.520	ng 96
25) Isophorone	9.587	82	2476830	40.218	ng 100
26) 2-Nitrophenol	9.763	139	643261	46.603	ng 99
27) 2,4-Dimethylphenol	9.828	122	1193762	40.644	ng 97
28) bis(2-Chloroethoxy)met...	10.063	93	1601447	39.244	ng 100
29) 2,4-Dichlorophenol	10.299	162	1259583	41.743	ng 98
30) 1,2,4-Trichlorobenzene	10.516	180	1450790	40.191	ng 99
31) Naphthalene	10.704	128	3858685	39.235	ng 99
32) Benzoic acid	9.946	122	804146	45.027	ng 97
33) 4-Chloroaniline	10.804	127	1713702	41.217	ng 99
34) Hexachlorobutadiene	10.998	225	880354	39.958	ng 99
35) Caprolactam	11.587	113	371865	45.144	ng 91
36) 4-Chloro-3-methylphenol	11.928	107	1186906	42.122	ng 97
37) 2-Methylnaphthalene	12.310	142	2521746	40.609	ng 98
38) 1-Methylnaphthalene	12.534	142	2652136	40.356	ng 99
40) 1,2,4,5-Tetrachloroben...	12.681	216	1636771	40.520	ng 99
41) Hexachlorocyclopentadiene	12.669	237	1034939	40.082	ng 100
43) 2,4,6-Trichlorophenol	12.916	196	1061024	42.672	ng 97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

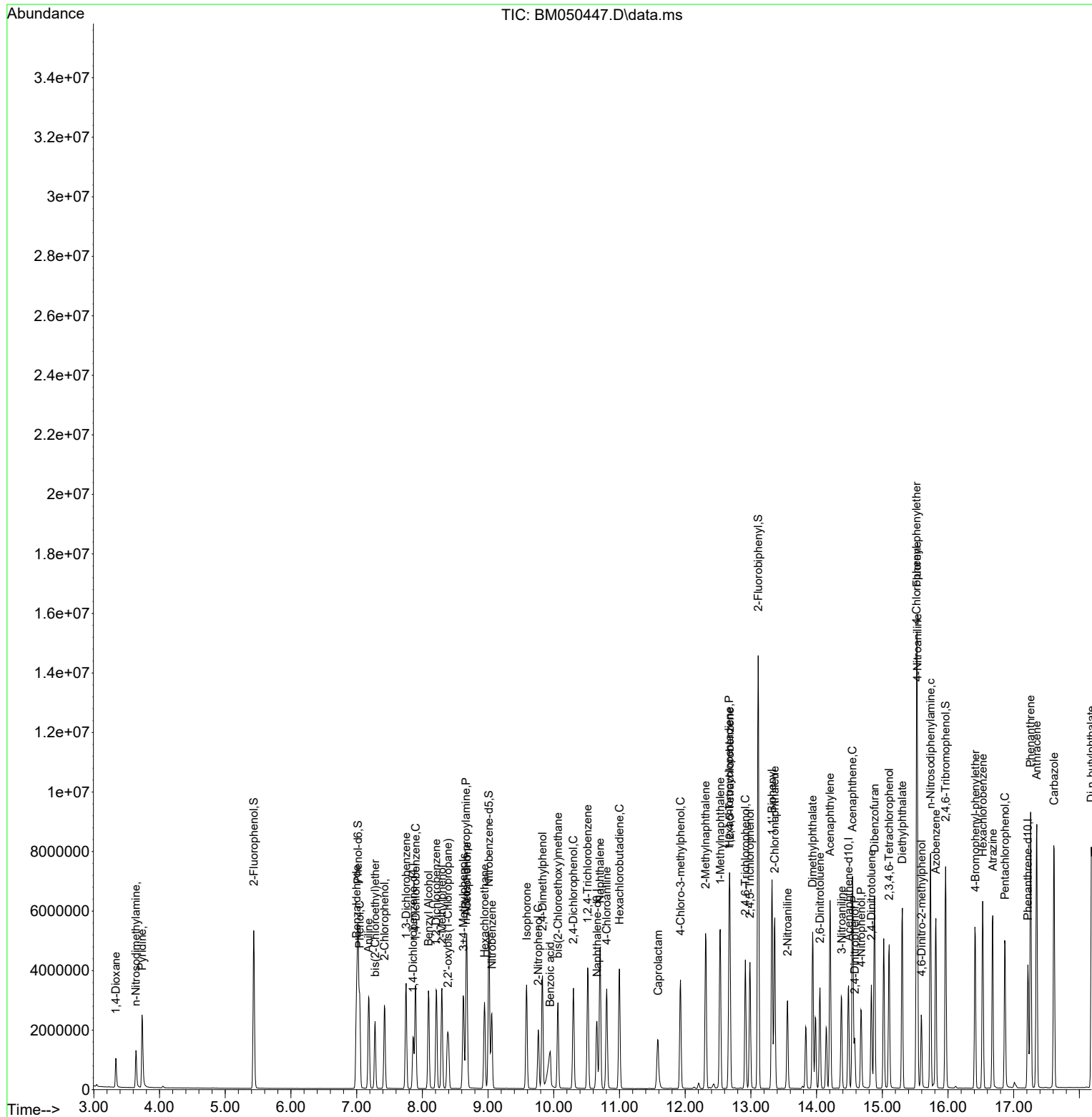
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	1174359	43.247	ng	97
46) 1,1'-Biphenyl	13.322	154	3682206	39.072	ng	100
47) 2-Chloronaphthalene	13.363	162	2954615	39.321	ng	98
48) 2-Nitroaniline	13.557	65	732988	43.703	ng	96
49) Acenaphthylene	14.204	152	4553234	40.096	ng	99
50) Dimethylphthalate	13.939	163	3511408	40.153	ng	100
51) 2,6-Dinitrotoluene	14.051	165	744091	44.315	ng	98
52) Acenaphthene	14.545	154	2889695	40.026	ng	100
53) 3-Nitroaniline	14.381	138	799226	44.757	ng	98
54) 2,4-Dinitrophenol	14.581	184	361112	42.260	ng	86
55) Dibenzofuran	14.881	168	4380502	39.379	ng	99
56) 4-Nitrophenol	14.681	139	695410	45.285	ng	92
57) 2,4-Dinitrotoluene	14.834	165	1029834	41.369	ng	97
58) Fluorene	15.528	166	3662392	39.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1022596	44.735	ng	96
60) Diethylphthalate	15.304	149	3373102	40.379	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	1935957	40.408	ng	97
62) 4-Nitroaniline	15.533	138	836379	41.132	ng	97
63) Azobenzene	15.816	77	3011006	39.253	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	557934	41.720	ng	89
66) n-Nitrosodiphenylamine	15.733	169	3100305	38.931	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1144589	40.821	ng	97
68) Hexachlorobenzene	16.528	284	1357316	40.986	ng	96
69) Atrazine	16.680	200	1111007	42.486	ng	100
70) Pentachlorophenol	16.869	266	907996	44.044	ng	98
71) Phenanthrene	17.257	178	5612742	38.975	ng	99
72) Anthracene	17.351	178	5756461	40.158	ng	100
73) Carbazole	17.616	167	5295038	40.825	ng	99
74) Di-n-butylphthalate	18.180	149	5842942	41.158	ng	100
75) Fluoranthene	19.263	202	6652905	42.496	ng	99
77) Benzidine	19.439	184	2559491	35.235	ng	99
78) Pyrene	19.627	202	7144612	39.171	ng	100
80) Butylbenzylphthalate	20.521	149	2652217	44.099	ng	97
81) Benzo(a)anthracene	21.421	228	7505384	40.446	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	2708937	43.289	ng	99
83) Chrysene	21.486	228	7023286	40.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	4091851	42.858	ng	97
85) Di-n-octyl phthalate	22.492	149	6829680	45.673	ng	98
87) Indeno(1,2,3-cd)pyrene	27.897	276	8830716	41.667	ng	99
88) Benzo(b)fluoranthene	23.509	252	7294559	39.784	ng	99
89) Benzo(k)fluoranthene	23.574	252	7520508	39.529	ng	100
90) Benzo(a)pyrene	24.327	252	7014038	40.865	ng	100
91) Dibenzo(a,h)anthracene	27.956	278	7332991	41.084	ng	99
92) Benzo(g,h,i)perylene	28.962	276	6970568	41.321	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

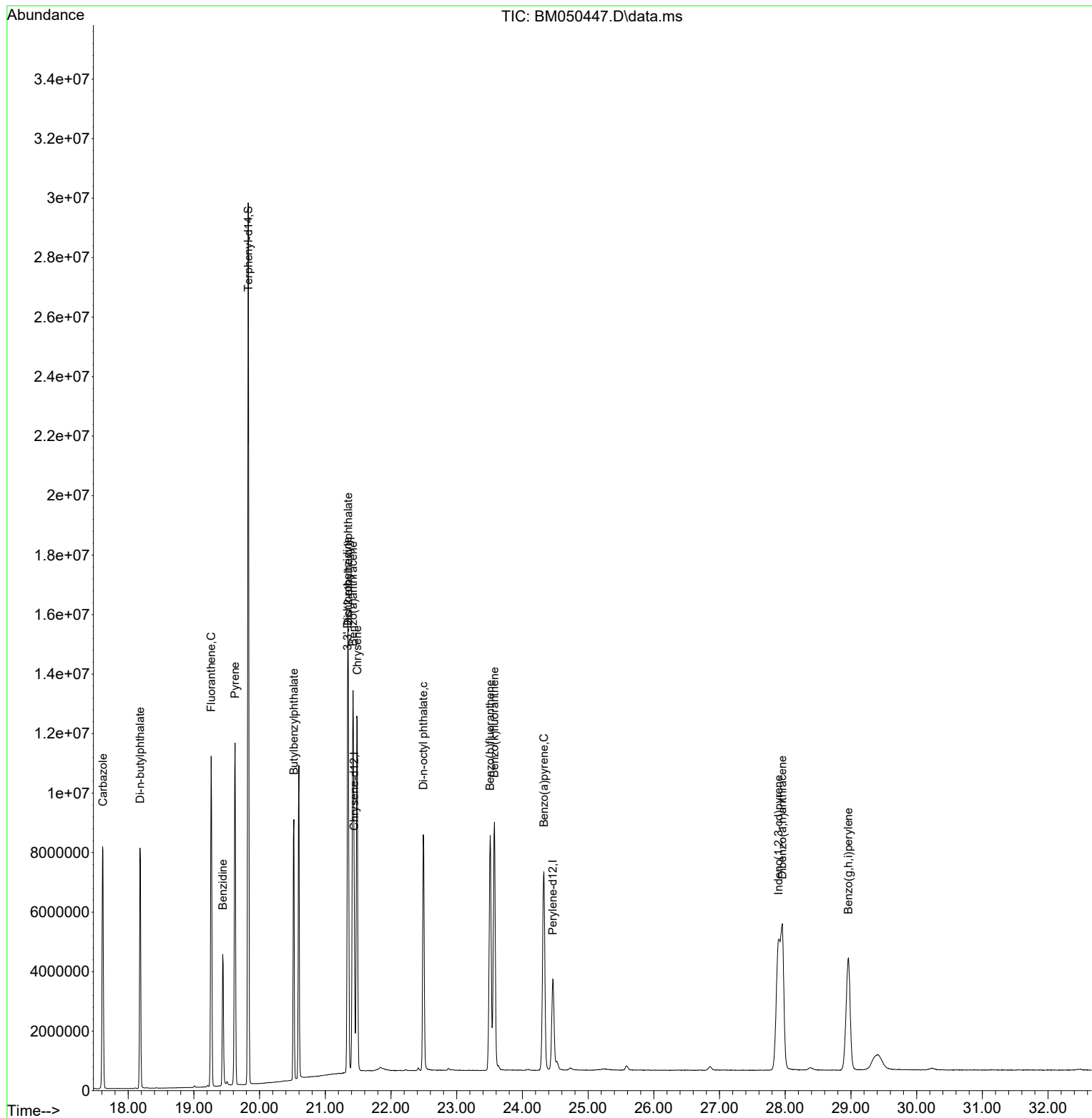
Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

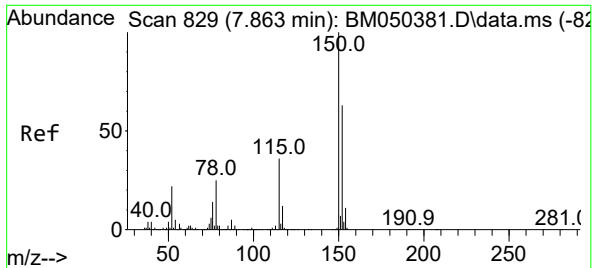


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050447.D
Acq On : 15 Jul 2025 09:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

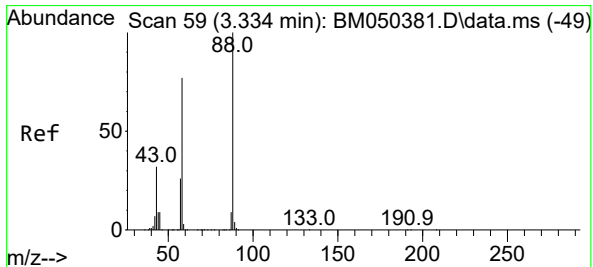
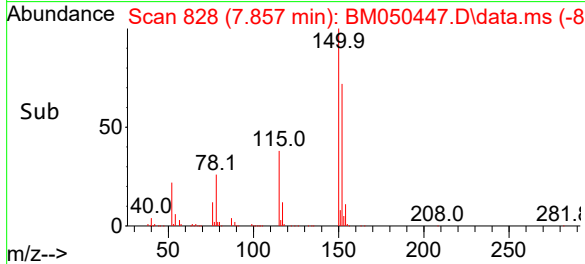
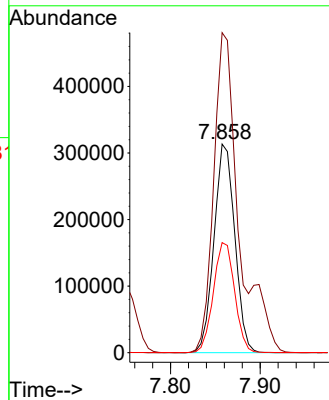
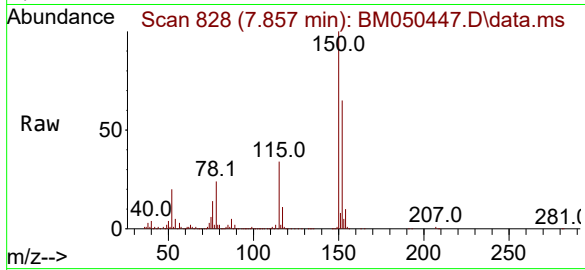




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

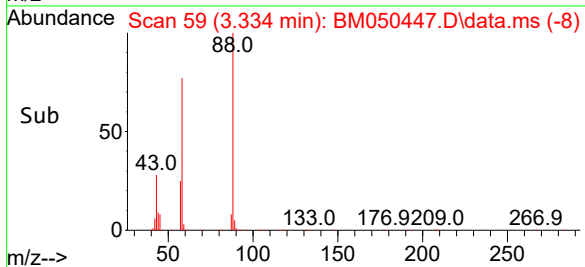
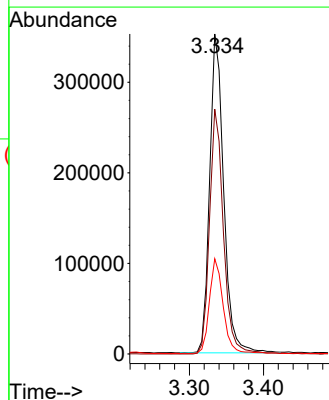
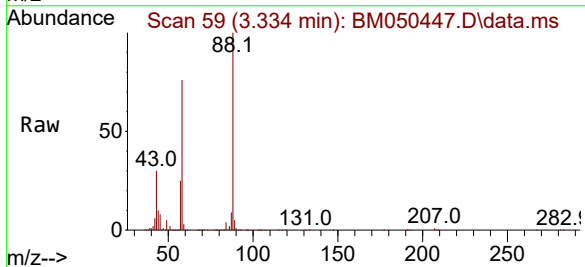
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

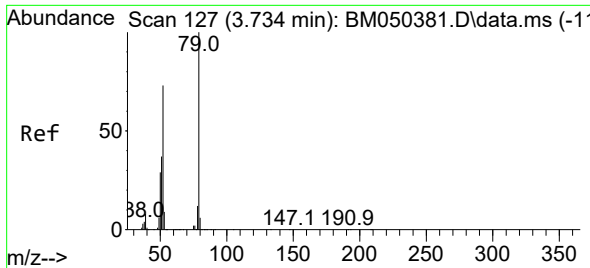
Tgt Ion:152 Resp: 505050
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 52.8 45.8 68.8



#2
1,4-Dioxane
Concen: 38.484 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 88 Resp: 464312
Ion Ratio Lower Upper
88 100
58 76.2 61.0 91.6
43 29.6 24.6 37.0

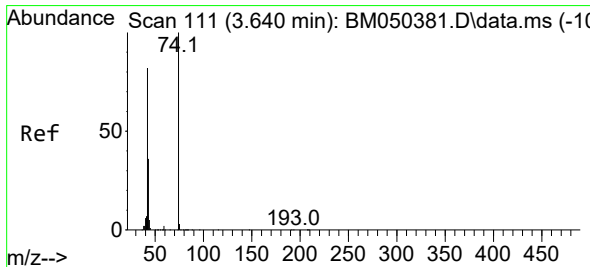
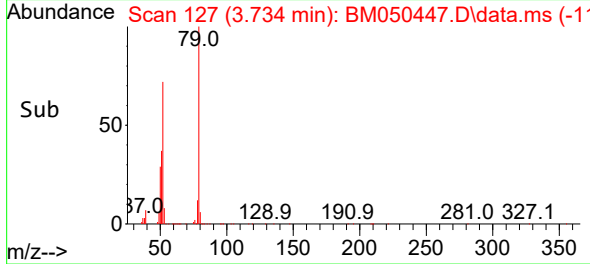
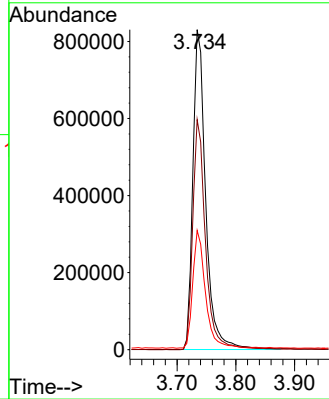
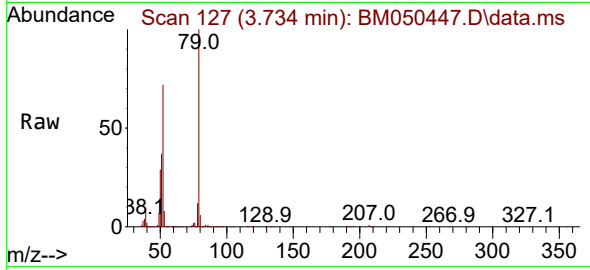




#3
Pyridine
Concen: 39.914 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

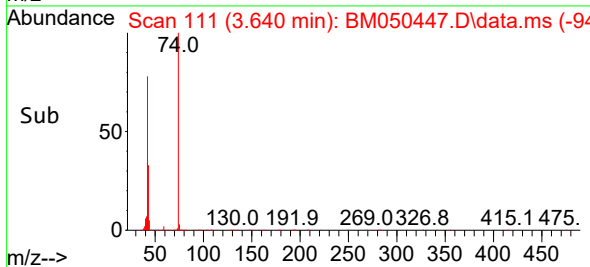
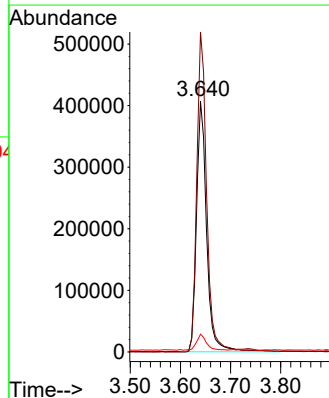
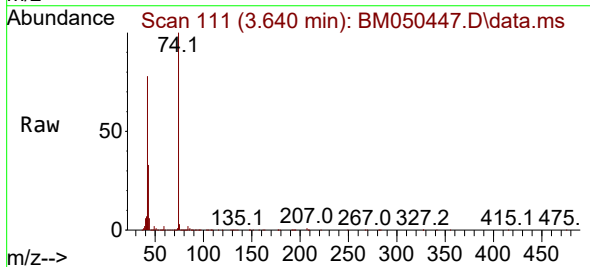
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

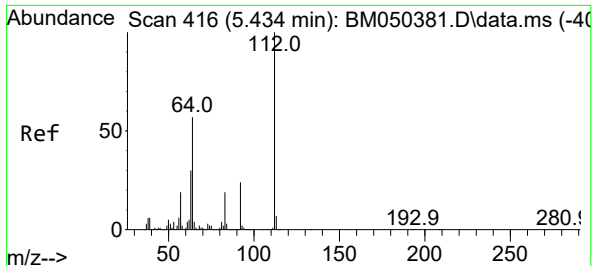
Tgt Ion: 79 Resp: 1264280
Ion Ratio Lower Upper
79 100
52 71.9 58.3 87.5
51 37.3 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 38.363 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 42 Resp: 566490
Ion Ratio Lower Upper
42 100
74 127.7 97.5 146.3
44 7.1 5.7 8.5

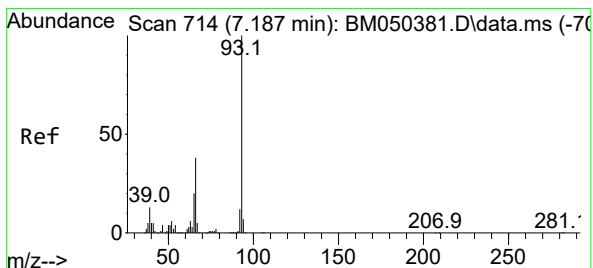
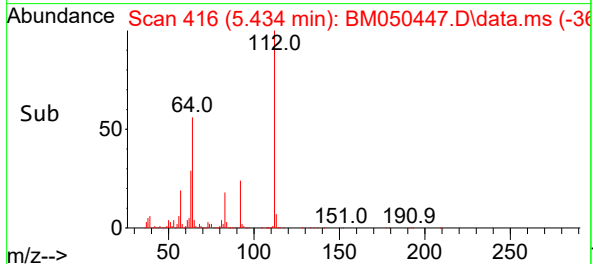
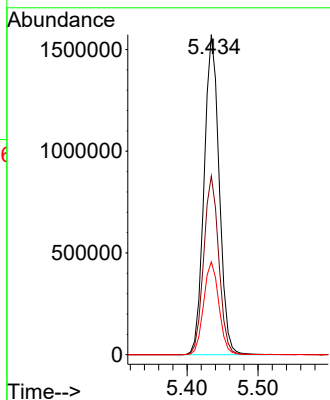
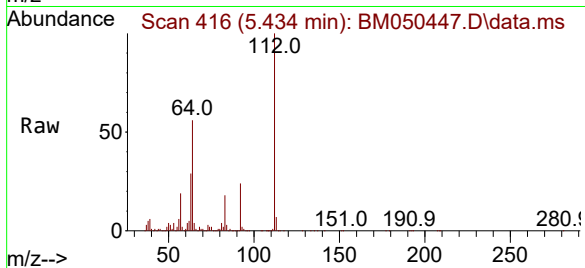




#5
2-Fluorophenol
Concen: 79.301 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

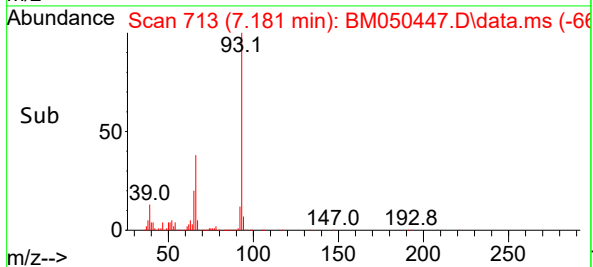
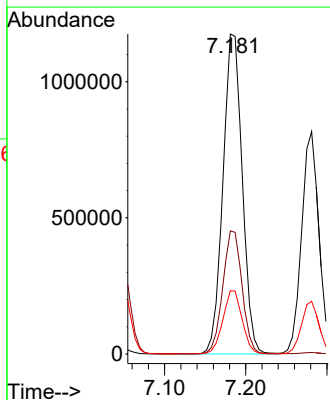
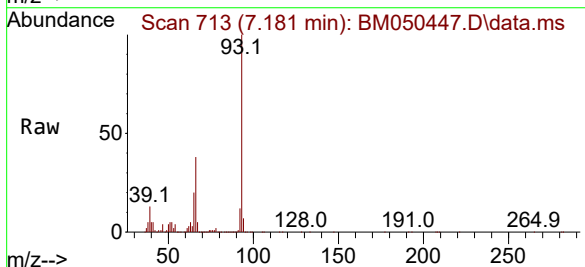
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

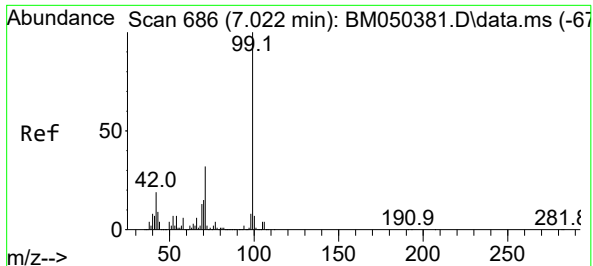
Tgt Ion:112 Resp: 2326774
Ion Ratio Lower Upper
112 100
64 55.8 45.5 68.3
63 29.0 24.2 36.4



#6
Aniline
Concen: 40.944 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 93 Resp: 1943489
Ion Ratio Lower Upper
93 100
66 38.5 30.5 45.7
65 19.8 15.9 23.9

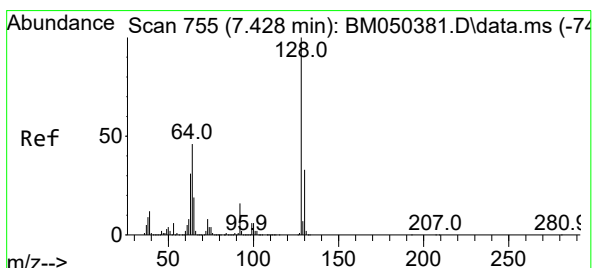
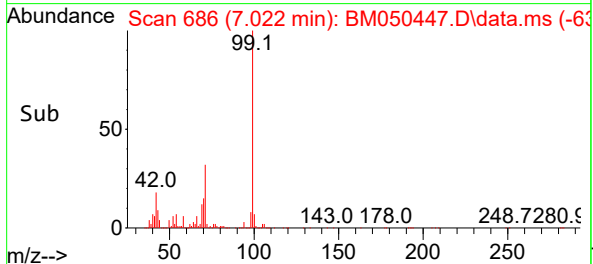
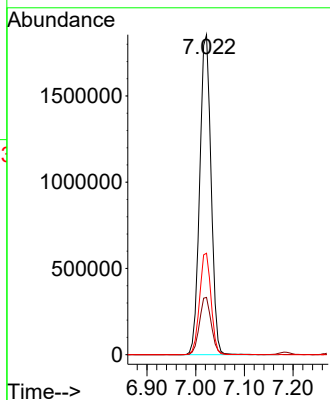
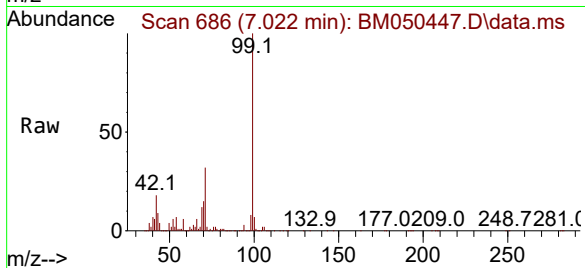




#7
Phenol-d6
Concen: 81.322 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

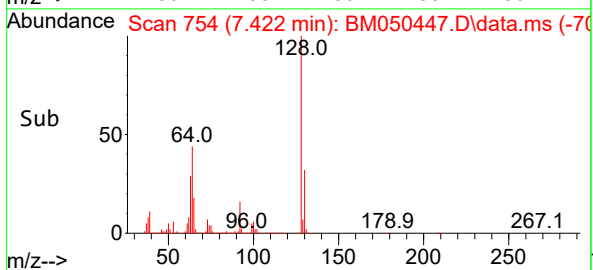
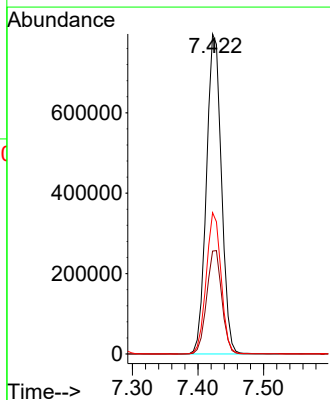
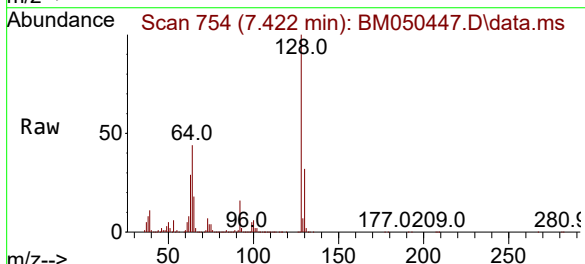
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

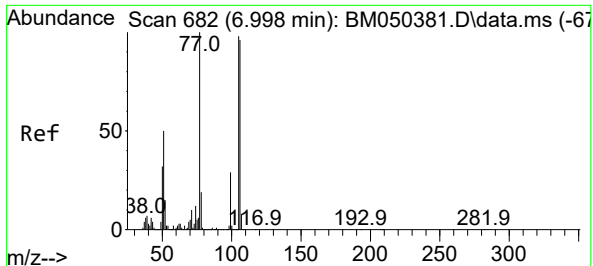
Tgt Ion: 99 Resp: 3007887
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 31.7 25.9 38.9



#8
2-Chlorophenol
Concen: 40.978 ng
RT: 7.422 min Scan# 754
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 128 Resp: 1267803
Ion Ratio Lower Upper
128 100
130 32.2 13.3 53.3
64 44.2 25.6 65.6

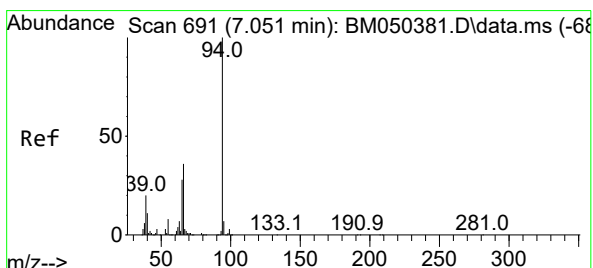
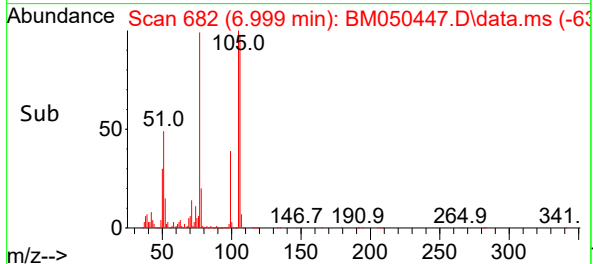
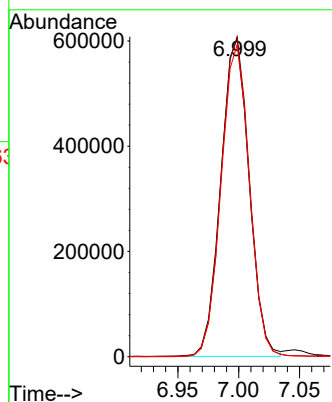
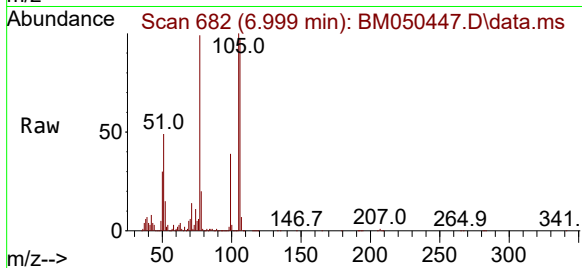




#9
Benzaldehyde
Concen: 44.430 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

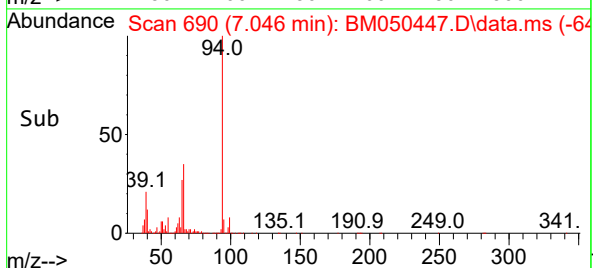
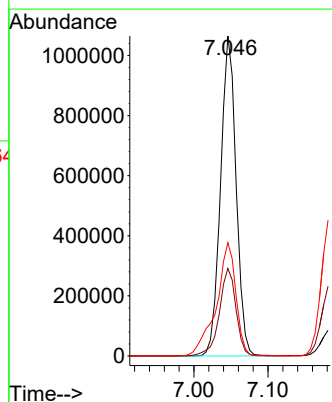
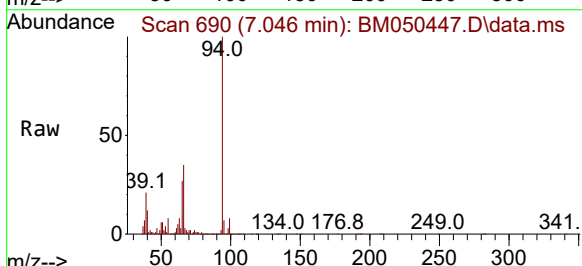
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

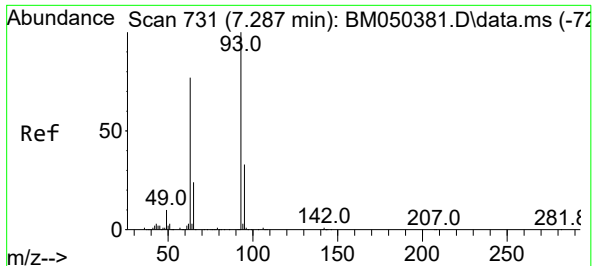
Tgt Ion: 77 Resp: 977563
Ion Ratio Lower Upper
77 100
105 100.7 78.4 118.4
106 98.1 76.3 116.3



#10
Phenol
Concen: 40.282 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 94 Resp: 1554016
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 35.4 15.8 55.8

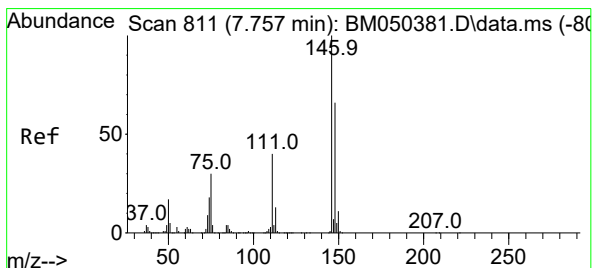
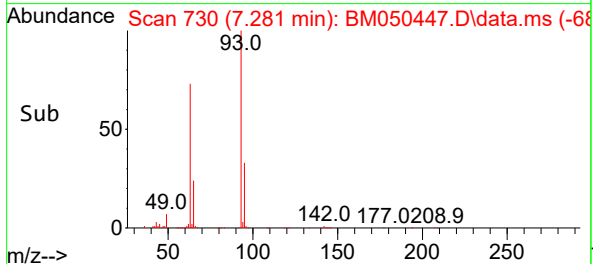
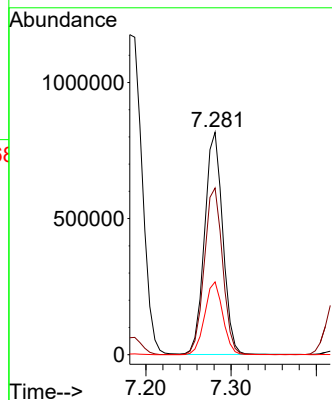
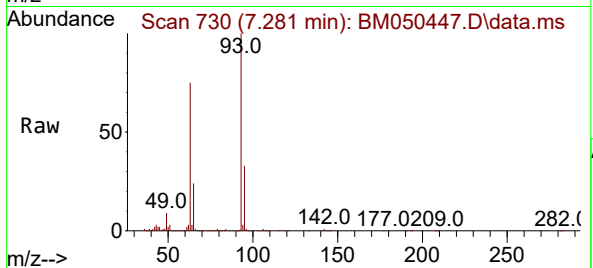




#11
bis(2-Chloroethyl)ether
Concen: 39.145 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

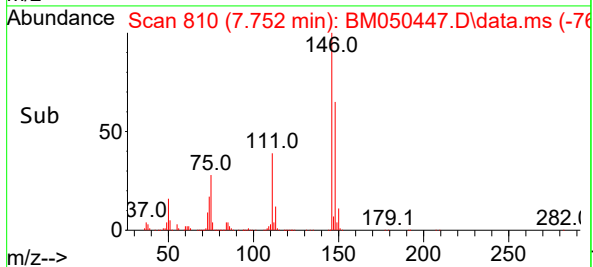
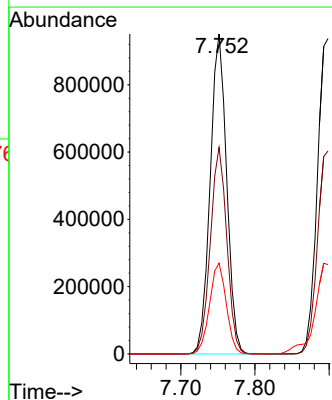
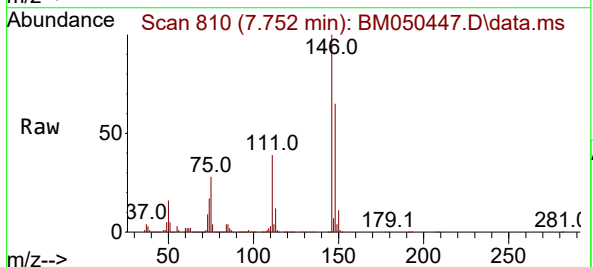
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

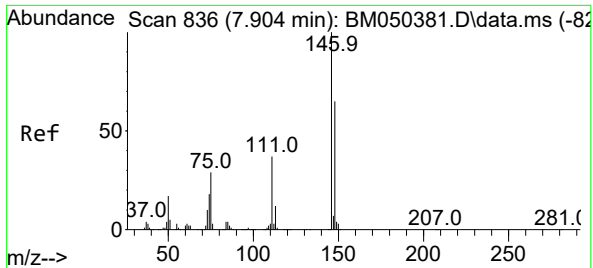
Tgt Ion: 93 Resp: 1209394
Ion Ratio Lower Upper
93 100
63 75.0 56.9 96.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.984 ng
RT: 7.752 min Scan# 810
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:146 Resp: 1466581
Ion Ratio Lower Upper
146 100
148 64.6 53.2 79.8
75 28.4 23.9 35.9

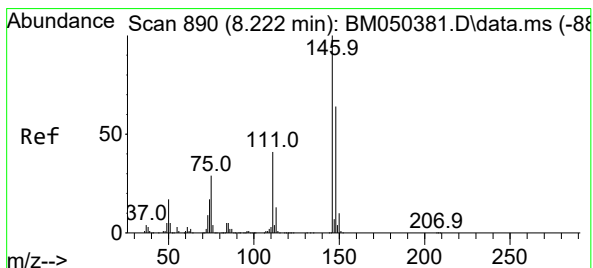
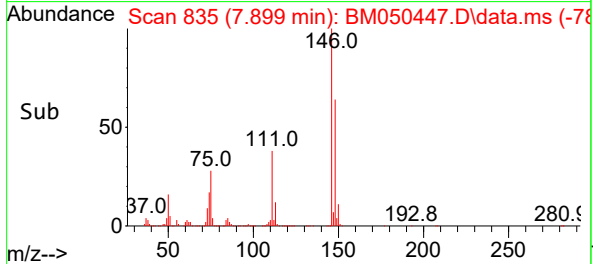
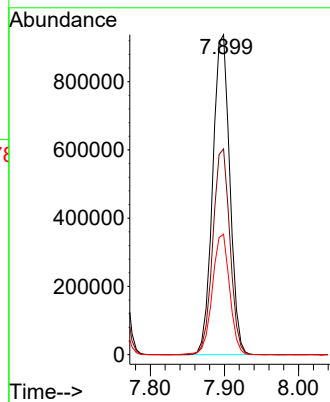
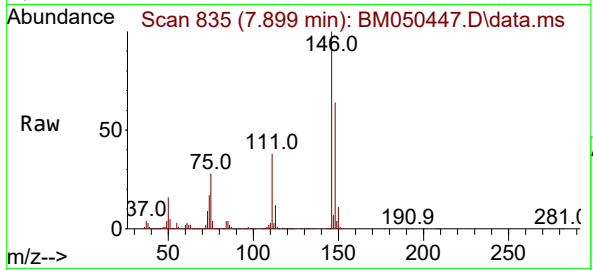




#13
1,4-Dichlorobenzene
Concen: 39.072 ng
RT: 7.899 min Scan# 811
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

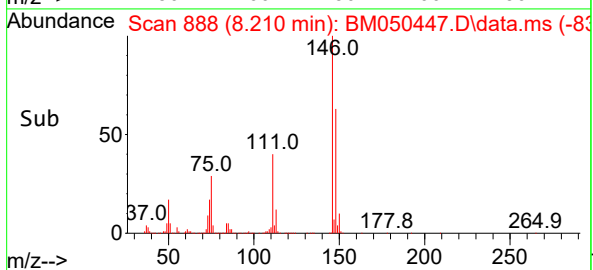
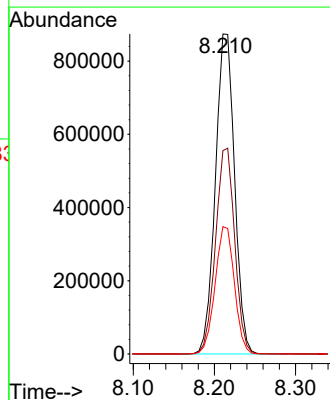
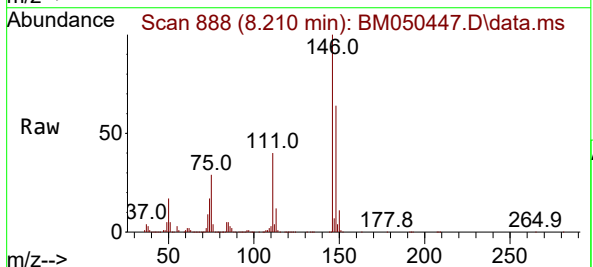
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

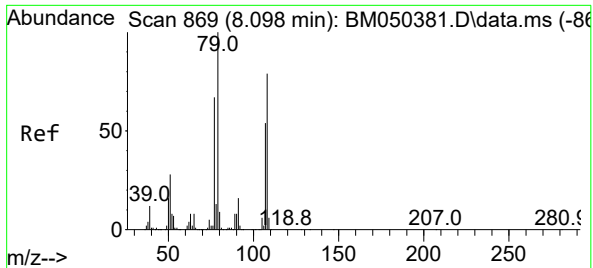
Tgt Ion:146 Resp: 1500873
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
111 37.7 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 39.145 ng
RT: 8.210 min Scan# 888
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:146 Resp: 1439607
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
111 39.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 40.929 ng

RT: 8.093 min Scan# 8

Delta R.T. -0.005 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Instrument :

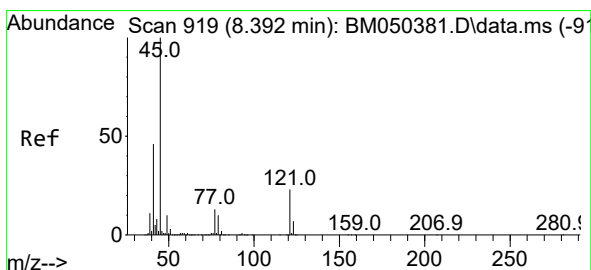
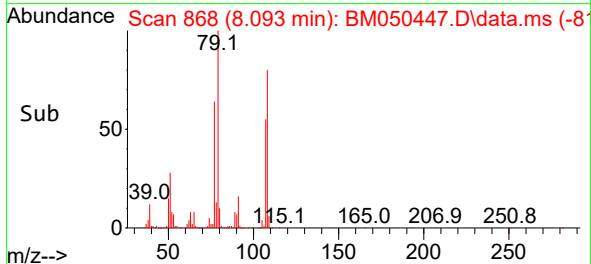
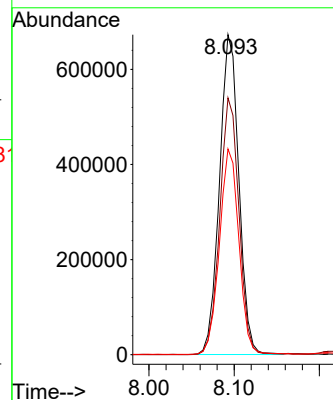
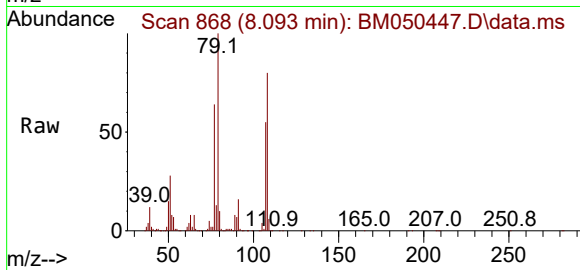
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 1066649

Ion	Ratio	Lower	Upper
79	100		
108	80.2	63.0	94.4
77	64.3	53.4	80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.768 ng

RT: 8.387 min Scan# 918

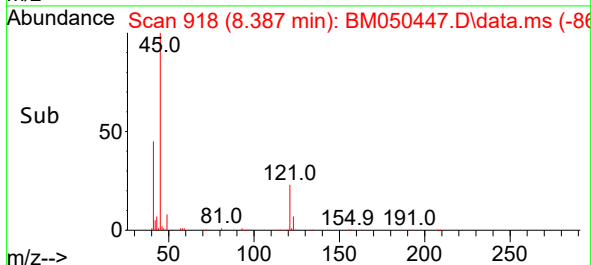
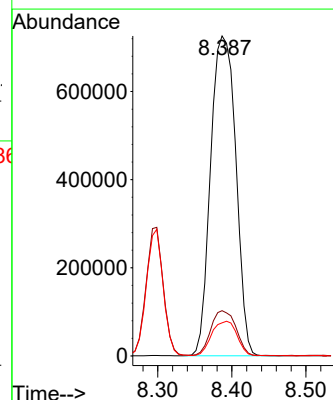
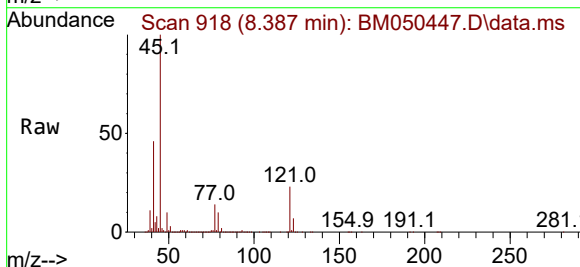
Delta R.T. -0.005 min

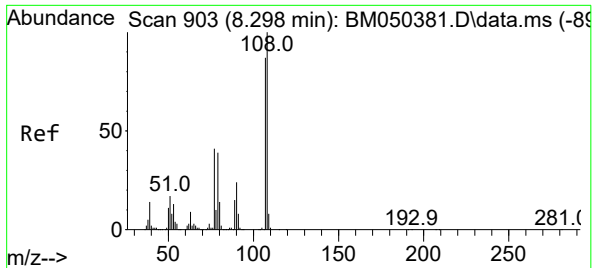
Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Tgt Ion: 45 Resp: 1718722

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.5
79	10.4	0.0	30.3





#17

2-Methylphenol

Concen: 40.368 ng

RT: 8.299 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM050447.D

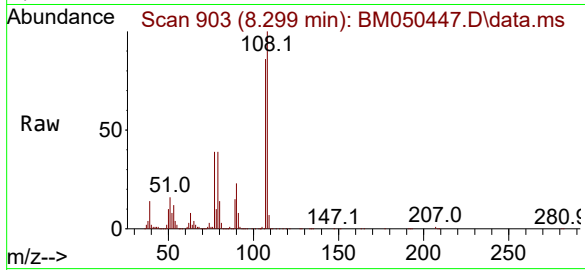
Acq: 15 Jul 2025 09:30

Instrument :

BNA_M

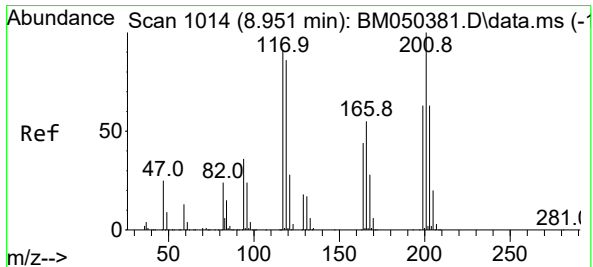
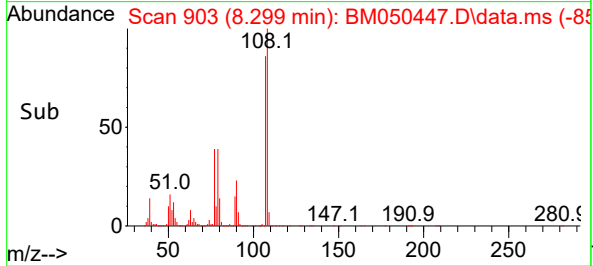
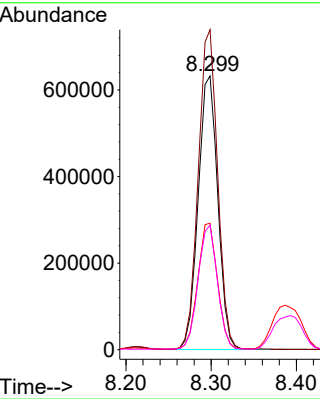
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 1010049

Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.1	138.1
77	46.1	38.2	57.4
79	45.5	36.2	54.4



#18

Hexachloroethane

Concen: 38.540 ng

RT: 8.946 min Scan# 1013

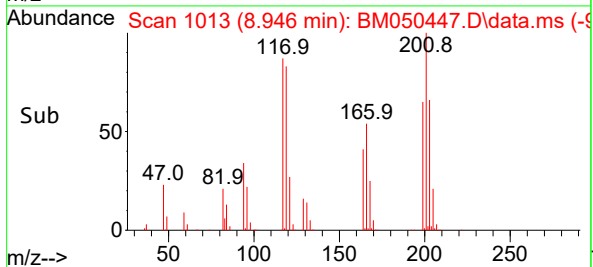
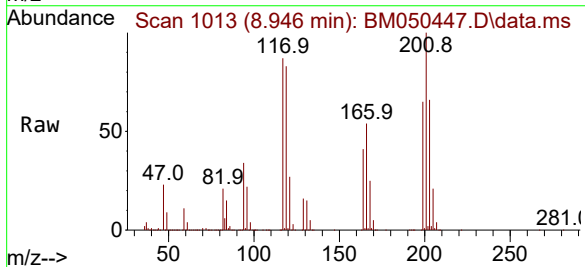
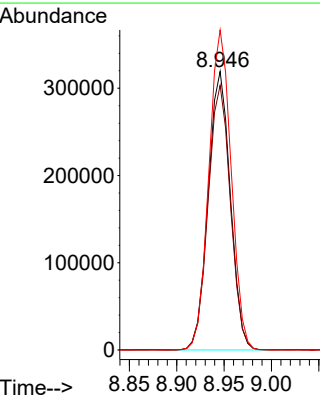
Delta R.T. -0.005 min

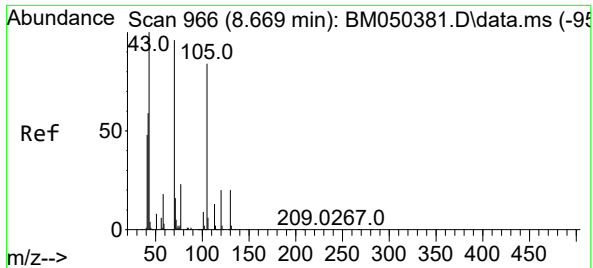
Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Tgt Ion:117 Resp: 520666

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	114.9	87.9	131.9

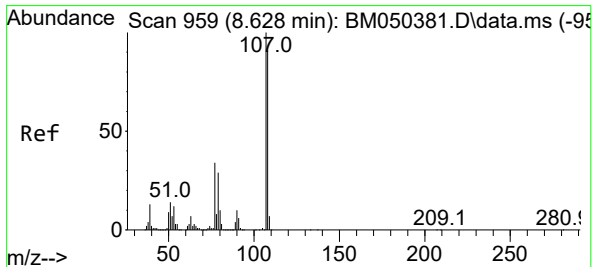
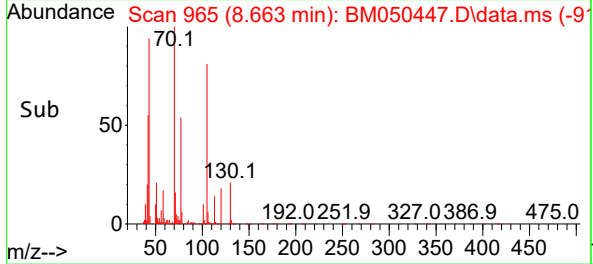
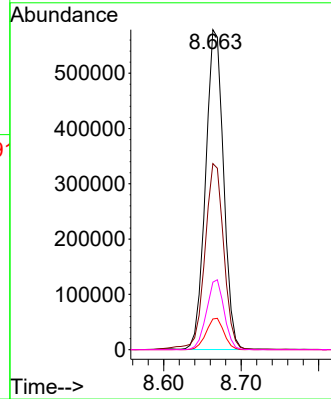
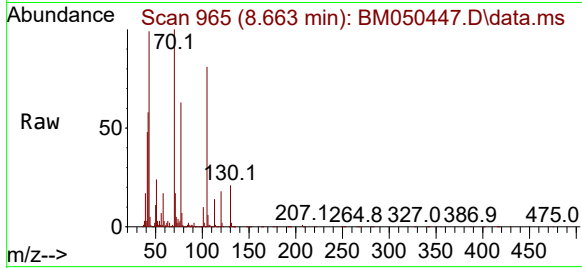




#19
n-Nitroso-di-n-propylamine
Concen: 41.449 ng
RT: 8.663 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

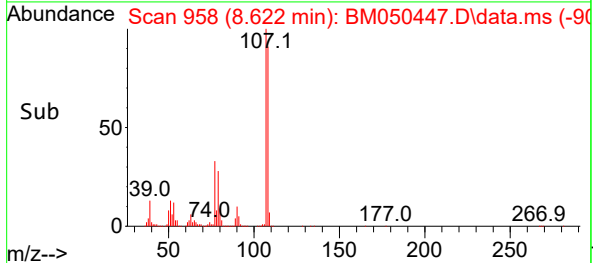
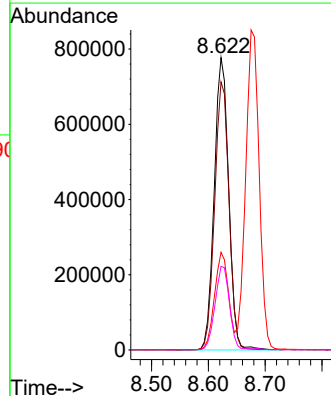
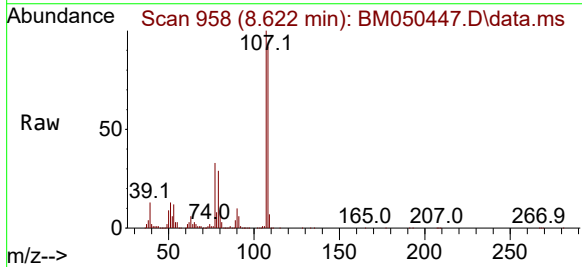
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

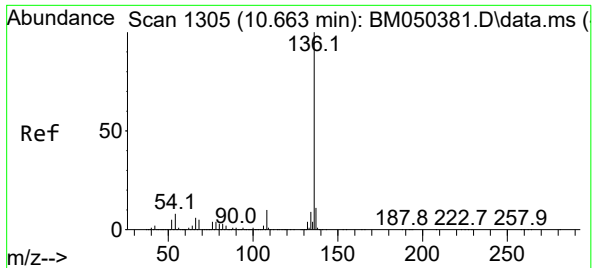
Tgt Ion: 70 Resp: 928749
Ion Ratio Lower Upper
70 100
42 58.2 49.7 74.5
101 9.6 7.7 11.5
130 21.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 40.661 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 107 Resp: 1365780
Ion Ratio Lower Upper
107 100
108 91.7 71.5 111.5
77 33.4 13.7 53.7
79 28.6 8.6 48.6

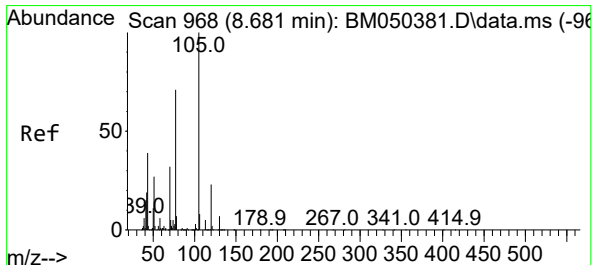
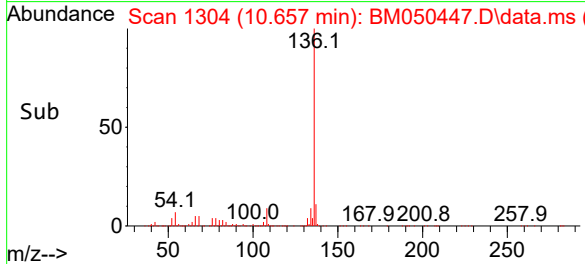
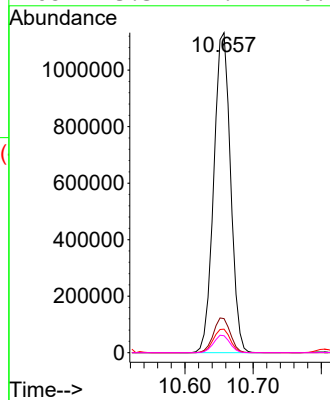
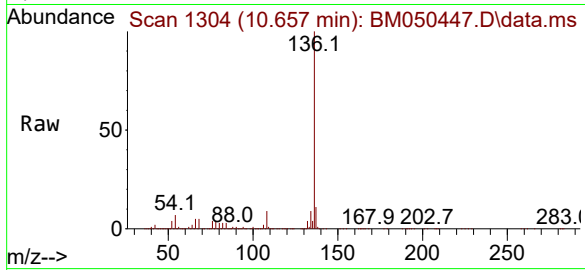




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

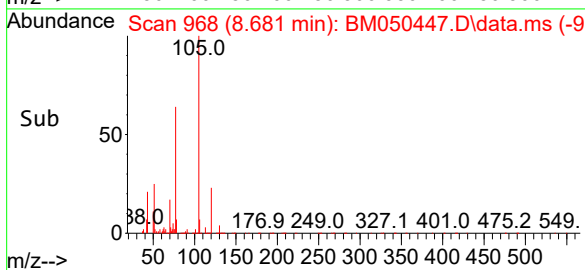
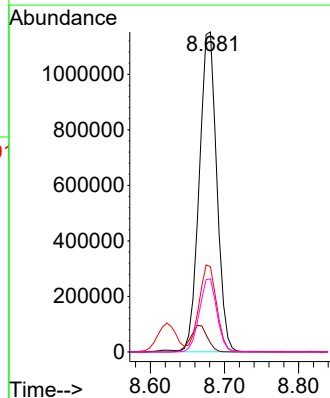
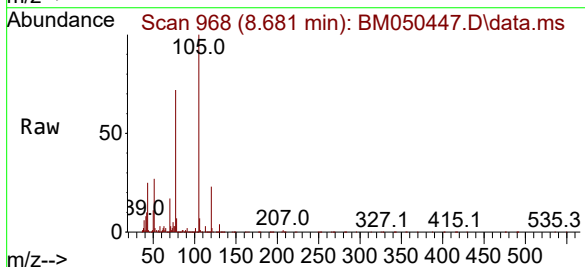
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

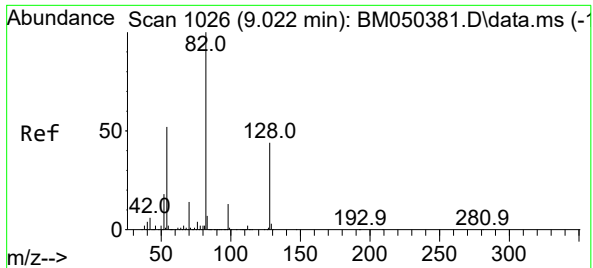
Tgt Ion:136 Resp: 1936274
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 38.962 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:105 Resp: 1886218
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 26.7 23.0 34.6
120 22.9 18.3 27.5

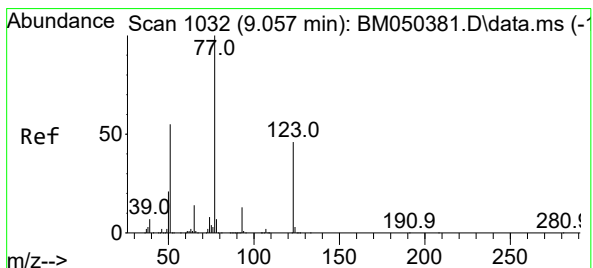
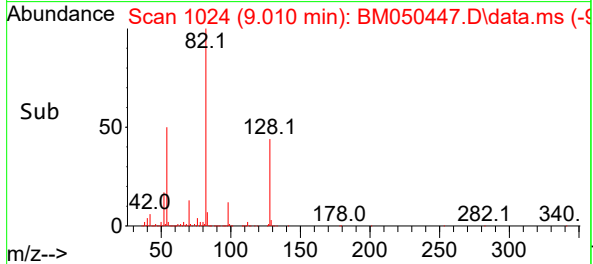
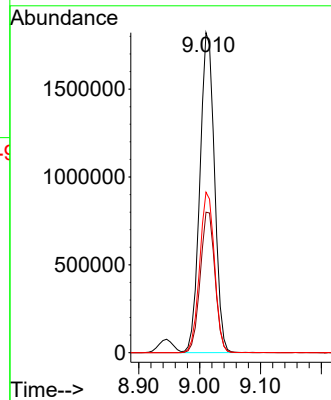
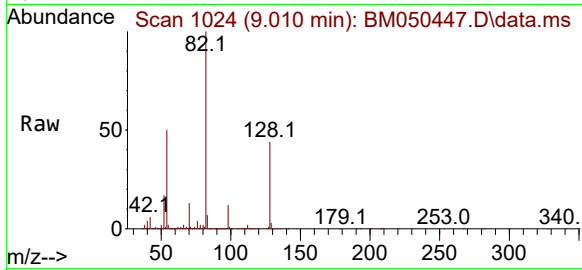




#23
Nitrobenzene-d5
Concen: 80.158 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

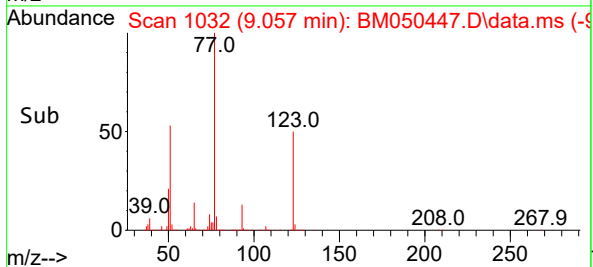
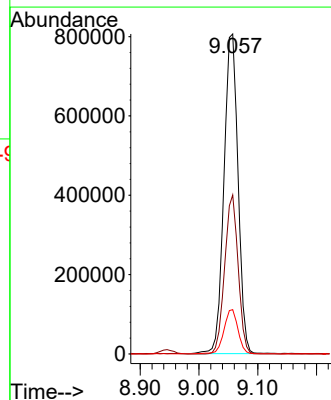
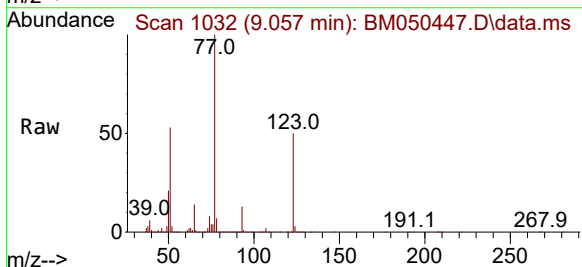
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

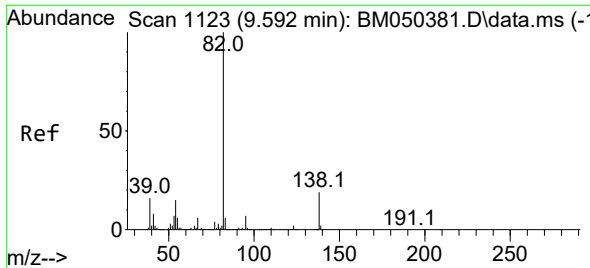
Tgt Ion: 82 Resp: 3042210
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.2 41.5 62.3



#24
Nitrobenzene
Concen: 39.520 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 77 Resp: 1338425
Ion Ratio Lower Upper
77 100
123 49.7 37.0 55.6
65 13.9 11.0 16.4

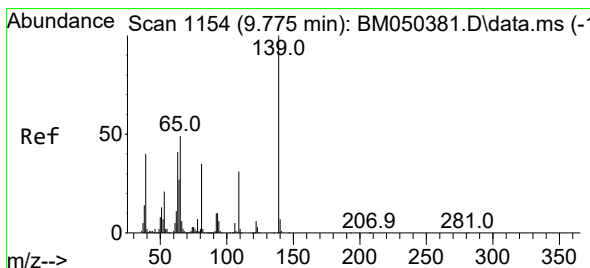
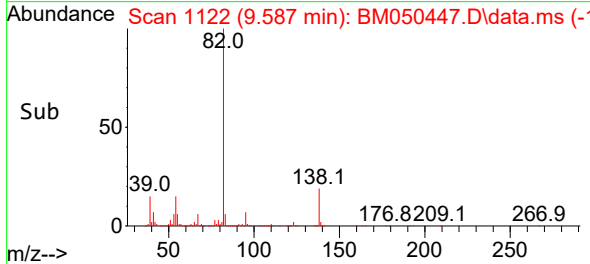
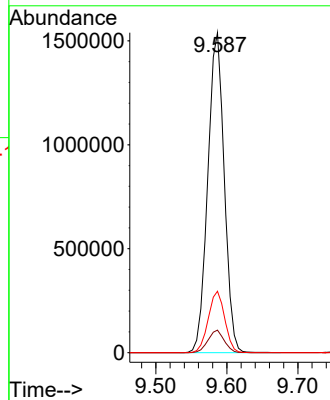
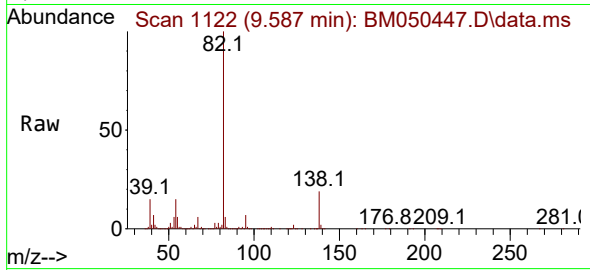




#25
Isophorone
Concen: 40.218 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

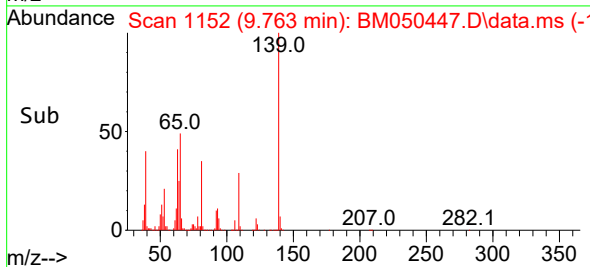
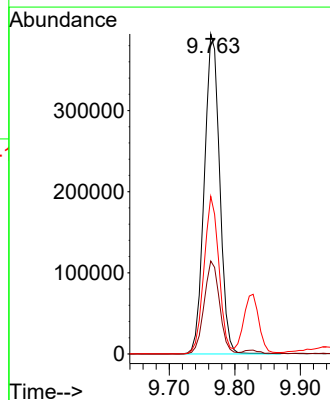
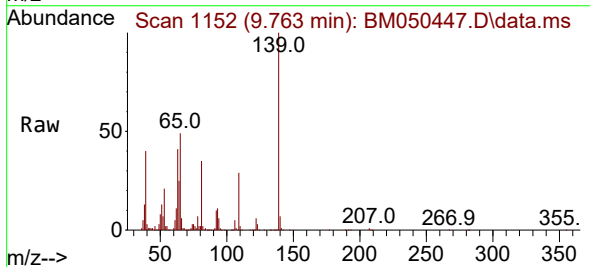
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

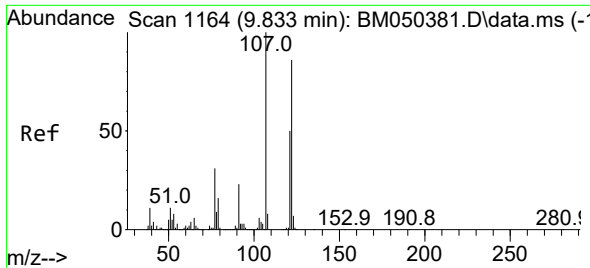
Tgt Ion: 82 Resp: 2476830
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.2 15.3 22.9



#26
2-Nitrophenol
Concen: 46.603 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:139 Resp: 643261
Ion Ratio Lower Upper
139 100
109 29.1 24.6 36.8
65 49.2 39.2 58.8

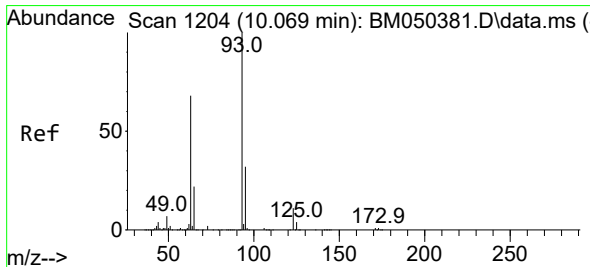
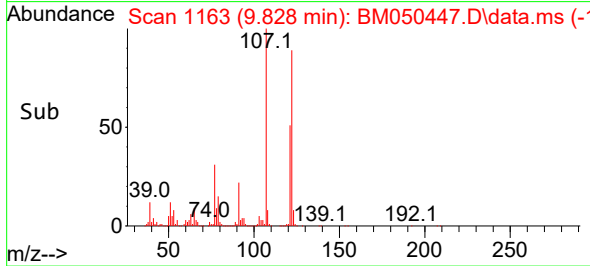
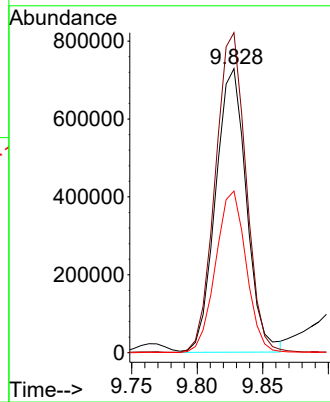
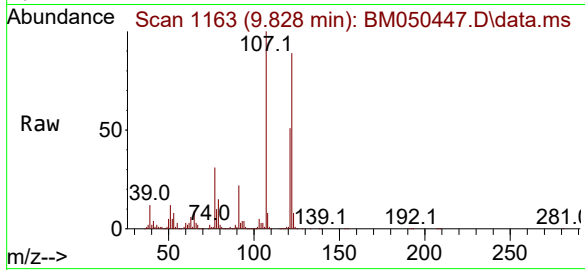




#27
2,4-Dimethylphenol
Concen: 40.644 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

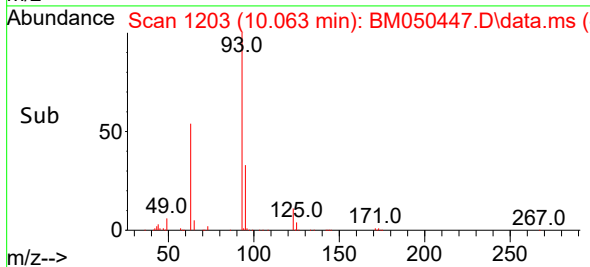
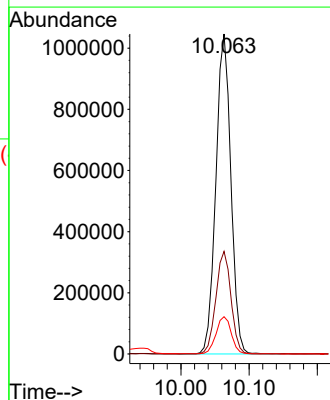
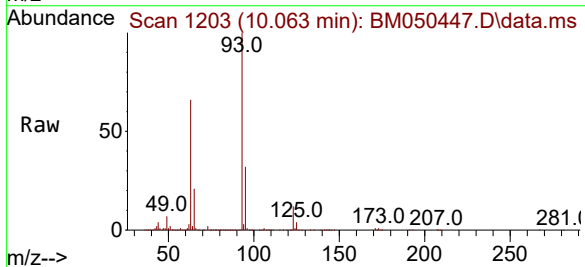
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

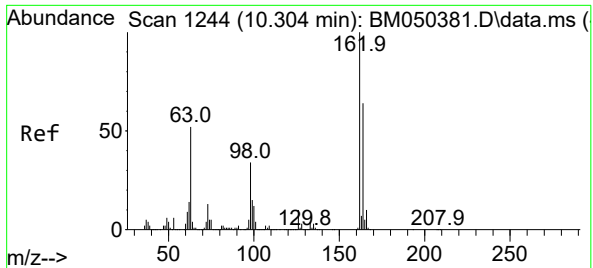
Tgt Ion:122 Resp: 1193762
Ion Ratio Lower Upper
122 100
107 112.7 93.0 139.6
121 56.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.244 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 93 Resp: 1601447
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.743 ng

RT: 10.299 min Scan# 1243

Delta R.T. -0.005 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

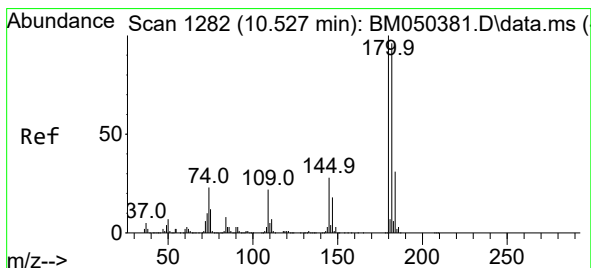
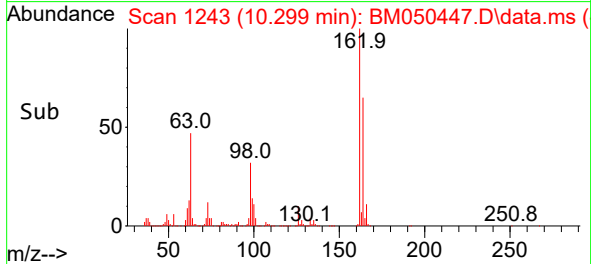
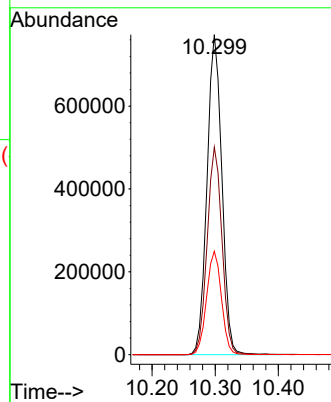
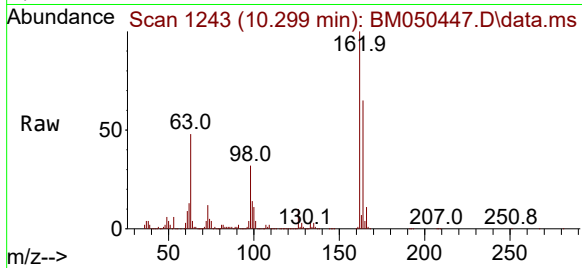
Tgt Ion:162 Resp: 1259583

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 32.3 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 40.191 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.011 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

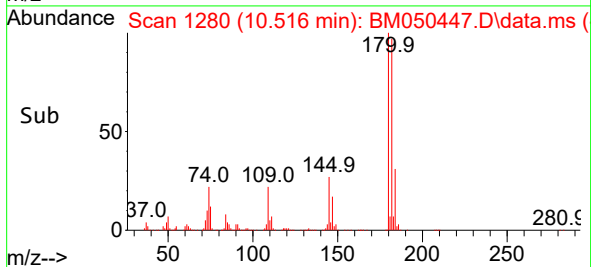
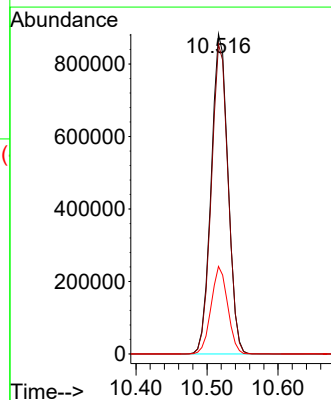
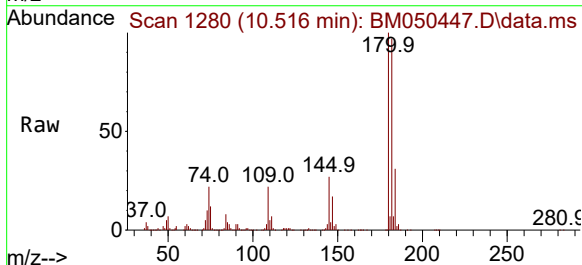
Tgt Ion:180 Resp: 1450790

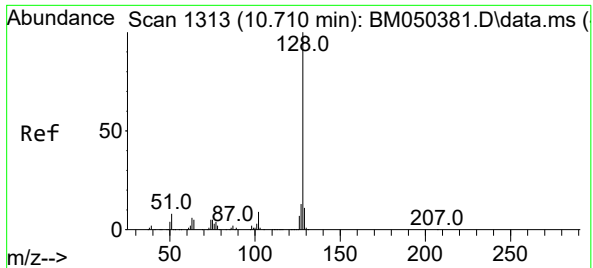
Ion Ratio Lower Upper

180 100

182 96.7 76.8 115.2

145 27.4 22.6 33.8

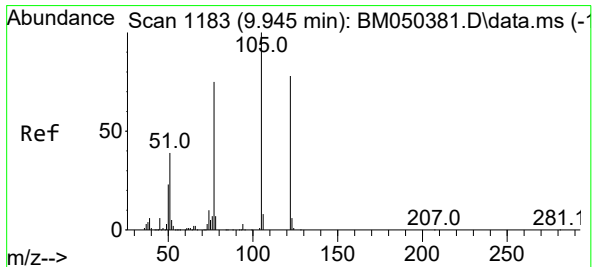
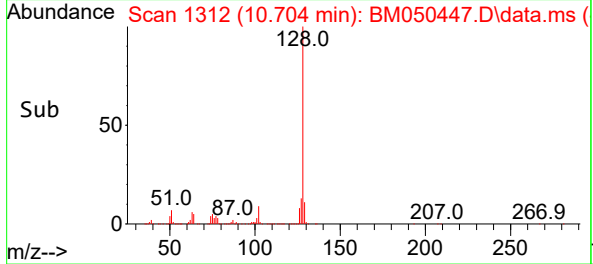
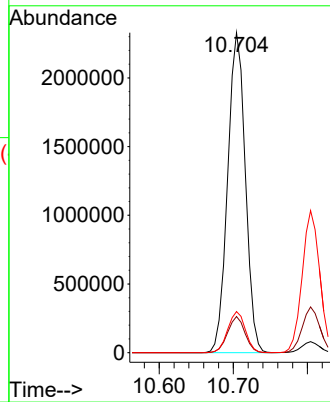
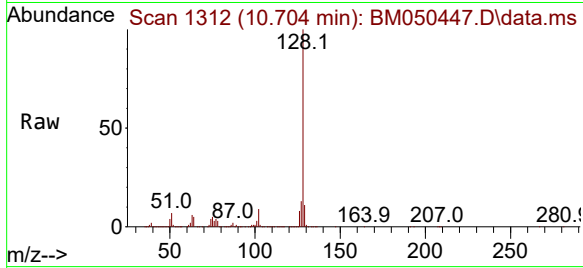




#31
Naphthalene
Concen: 39.235 ng
RT: 10.704 min Scan# 111
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

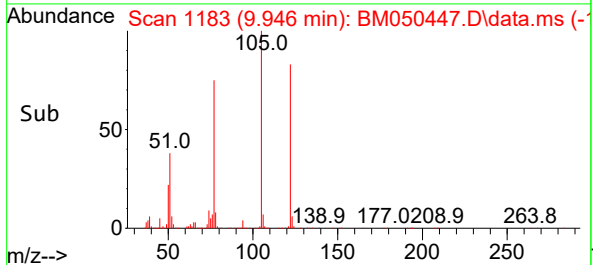
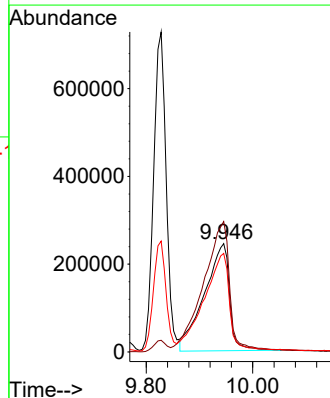
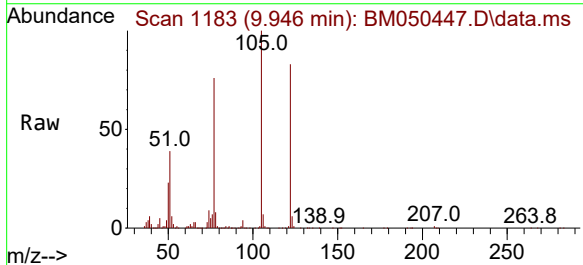
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

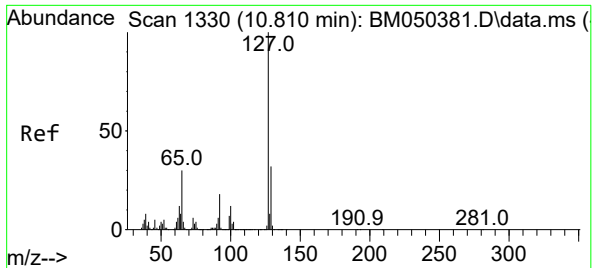
Tgt Ion:128 Resp: 3858685
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 45.027 ng
RT: 9.946 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:122 Resp: 804146
Ion Ratio Lower Upper
122 100
105 120.4 104.0 144.0
77 91.0 73.8 113.8

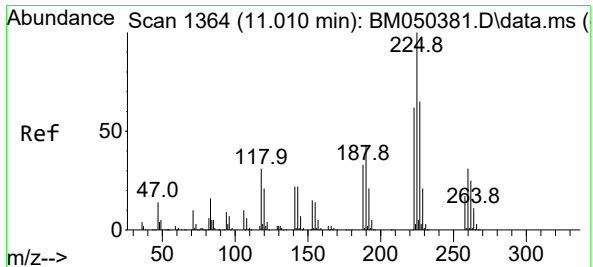
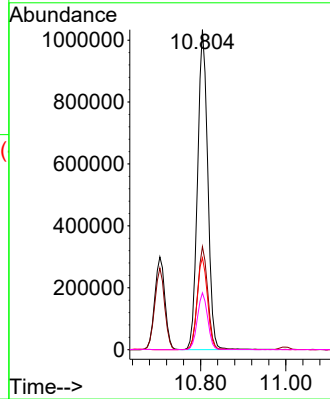
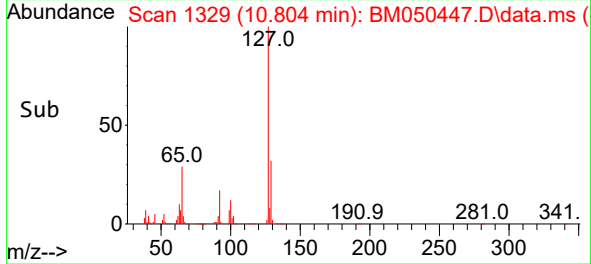
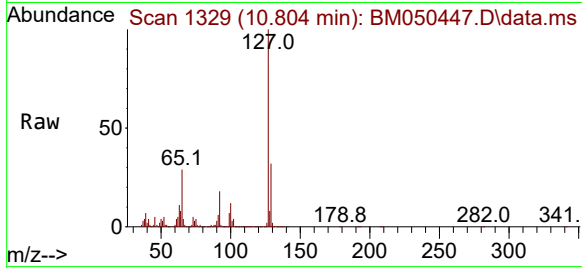




#33
4-Chloroaniline
Concen: 41.217 ng
RT: 10.804 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

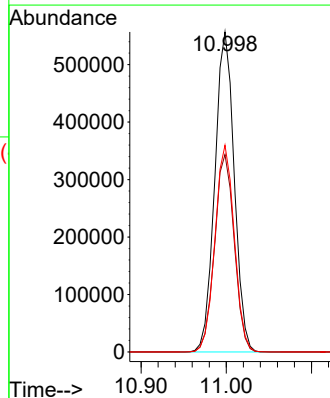
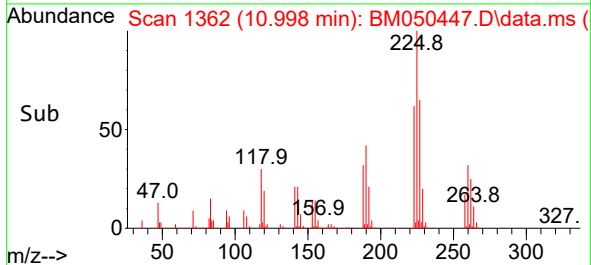
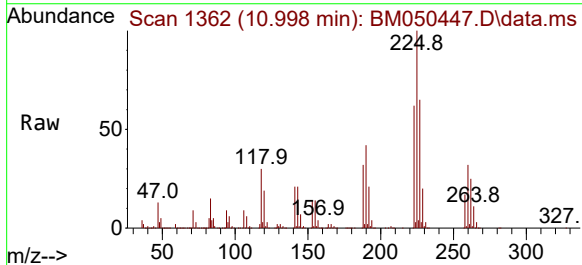
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

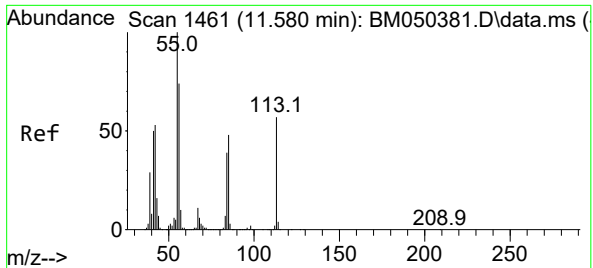
Tgt Ion:127 Resp: 1713702
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 28.7 23.9 35.9
92 17.7 14.6 21.8



#34
Hexachlorobutadiene
Concen: 39.958 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:225 Resp: 880354
Ion Ratio Lower Upper
225 100
223 61.7 49.7 74.5
227 64.6 52.1 78.1

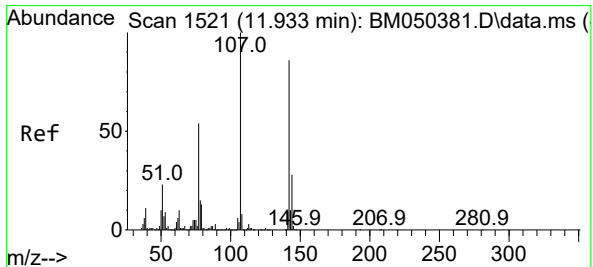
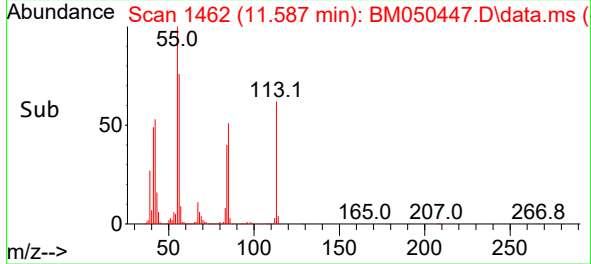
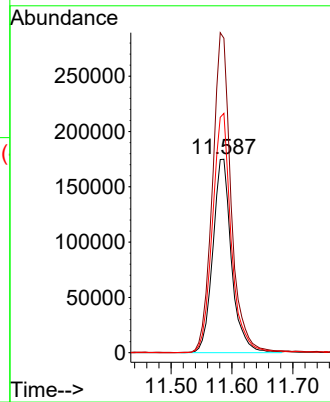
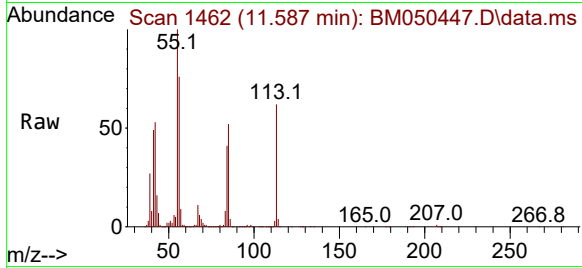




#35
Caprolactam
Concen: 45.144 ng
RT: 11.587 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

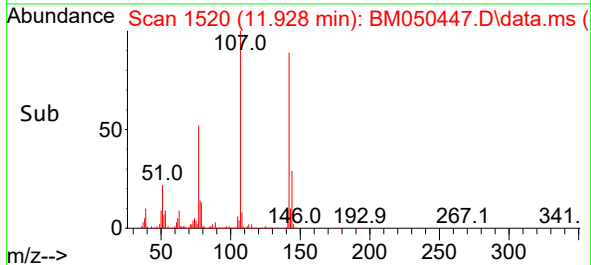
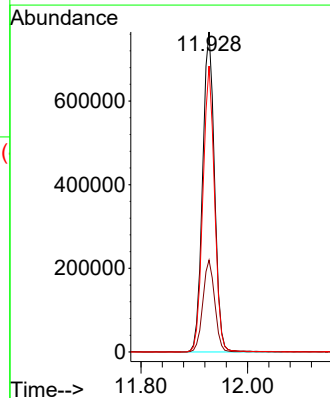
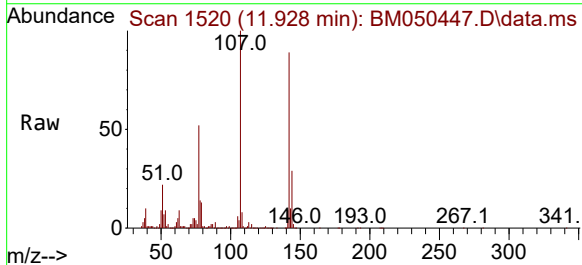
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

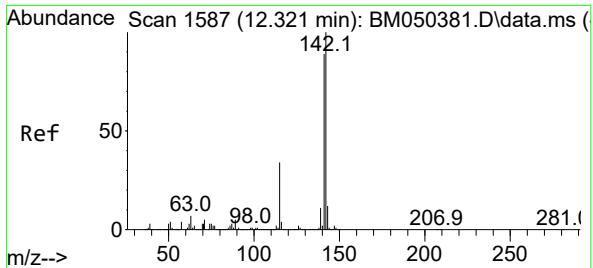
Tgt Ion:113 Resp: 371865
Ion Ratio Lower Upper
113 100
55 162.5 157.2 197.2
56 123.7 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 42.122 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:107 Resp: 1186906
Ion Ratio Lower Upper
107 100
144 28.7 22.2 33.4
142 89.4 68.7 103.1

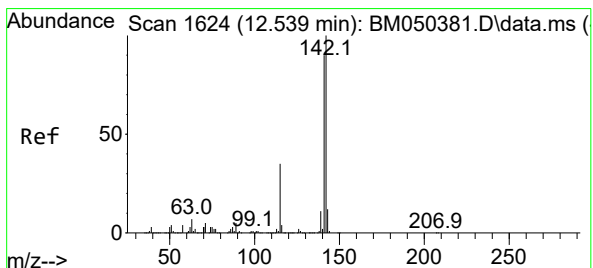
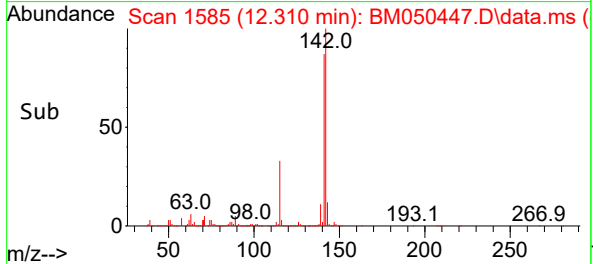
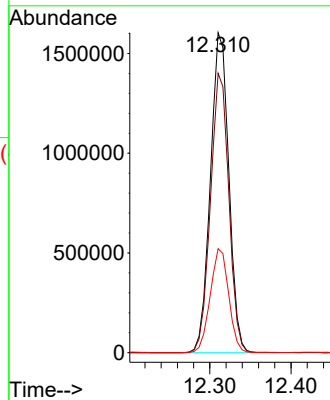
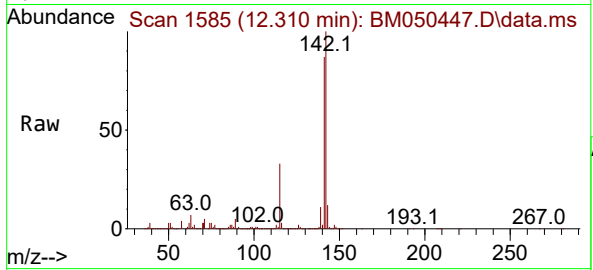




#37
2-Methylnaphthalene
Concen: 40.609 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

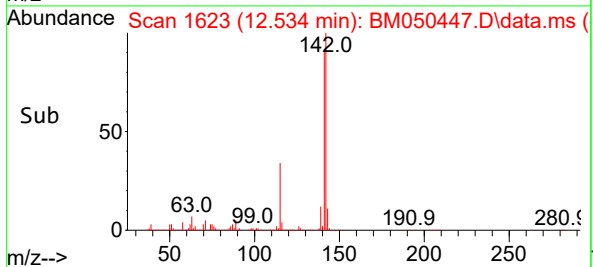
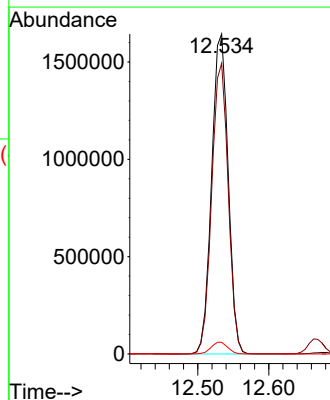
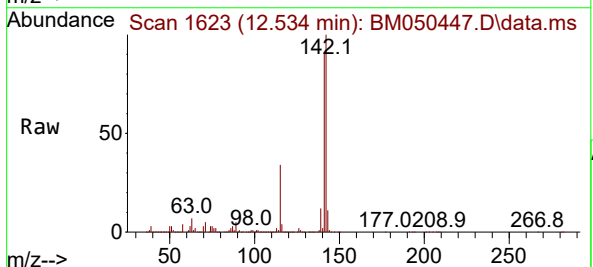
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

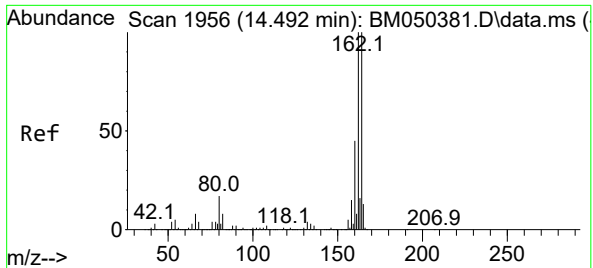
Tgt Ion:142 Resp: 2521746
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 32.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 40.356 ng
RT: 12.534 min Scan# 1623
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:142 Resp: 2652136
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

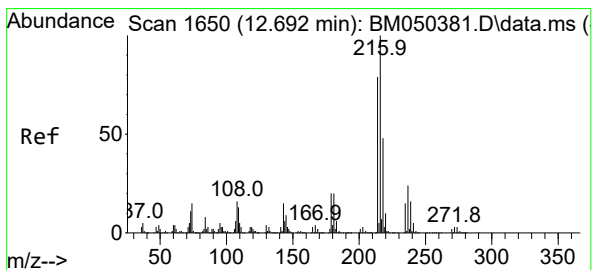
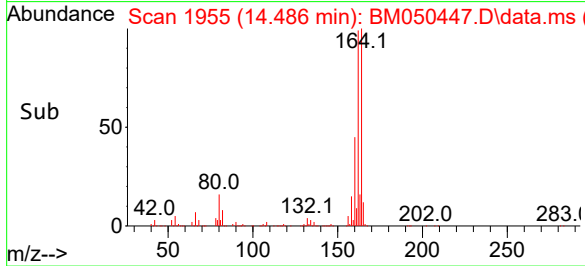
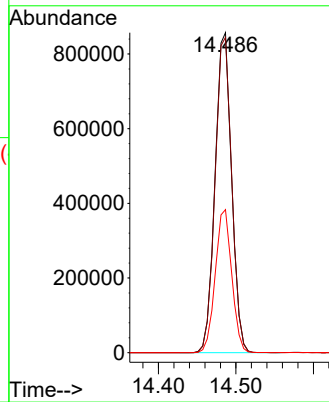
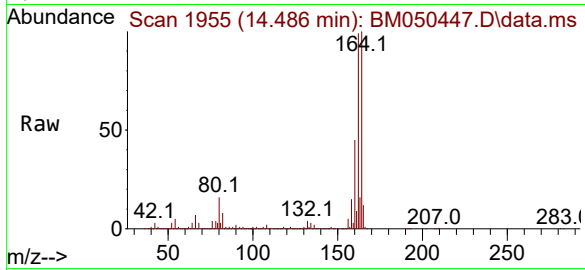
Tgt Ion:164 Resp: 1270220

Ion	Ratio	Lower	Upper

164	100		

162	98.5	79.9	119.9

160	44.7	36.2	54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.520 ng

RT: 12.681 min Scan# 1648

Delta R.T. -0.011 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Tgt Ion:216 Resp: 1636771

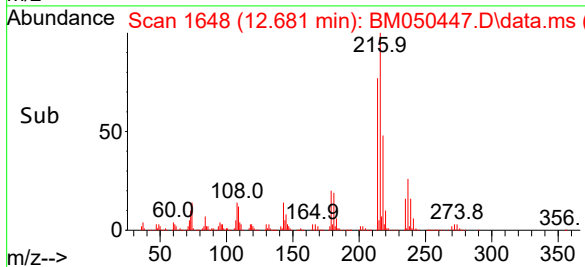
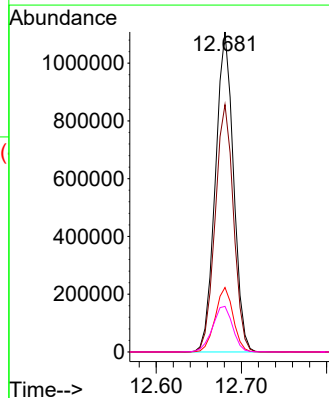
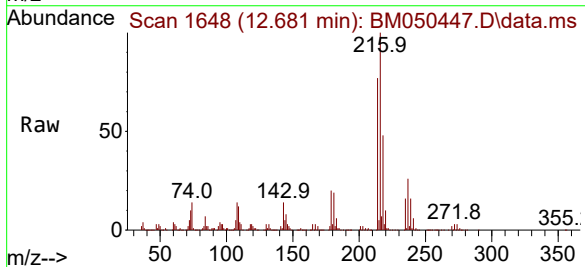
Ion	Ratio	Lower	Upper

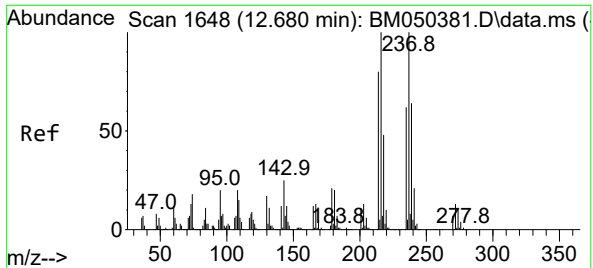
216	100		

214	78.3	63.3	94.9

179	20.0	16.4	24.6

108	15.9	13.9	20.9

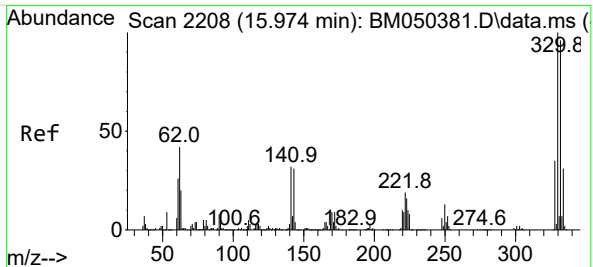
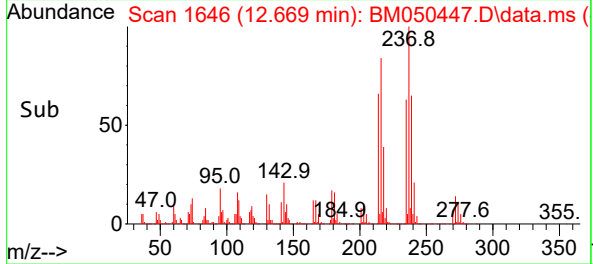
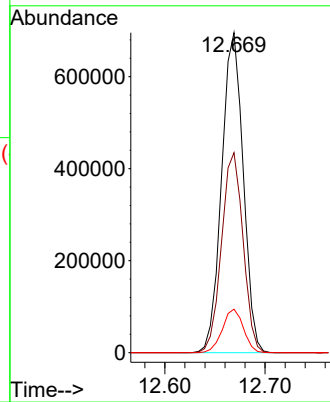
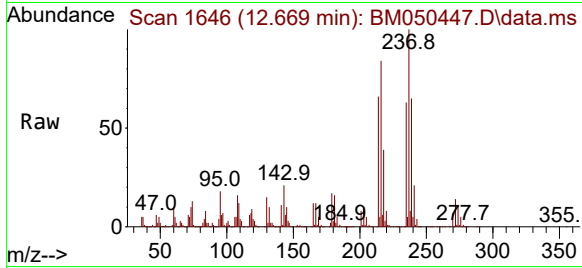




#41
Hexachlorocyclopentadiene
Concen: 40.082 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

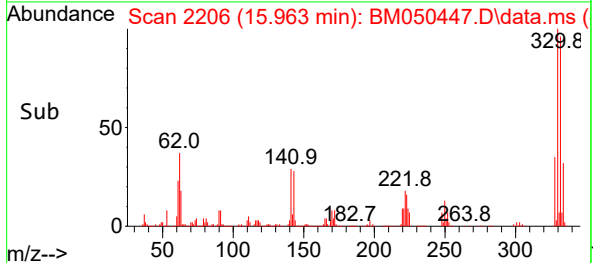
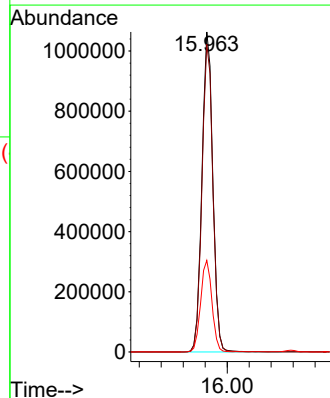
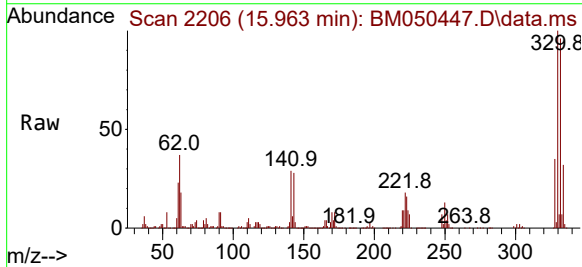
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

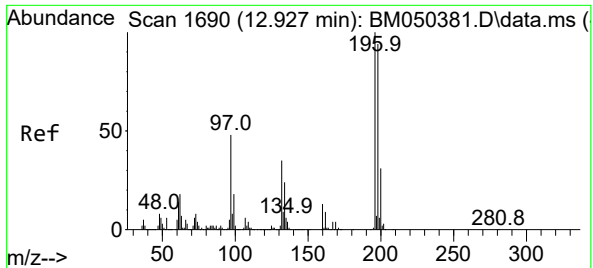
Tgt Ion:237 Resp: 1034939
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 94.796 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:330 Resp: 1463017
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.7 27.4 41.0

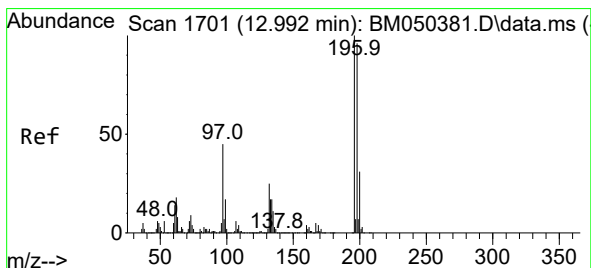
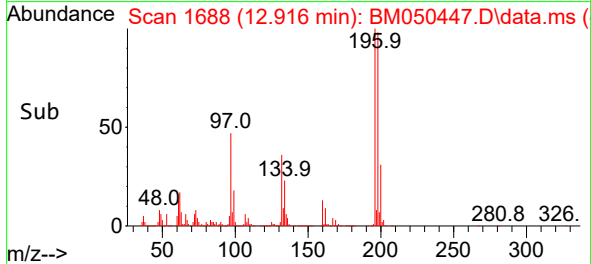
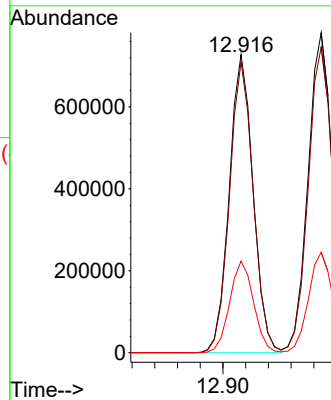
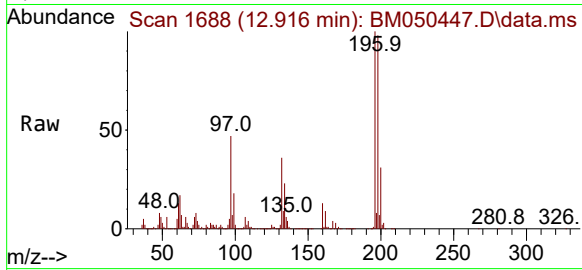




#43
2,4,6-Trichlorophenol
Concen: 42.672 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

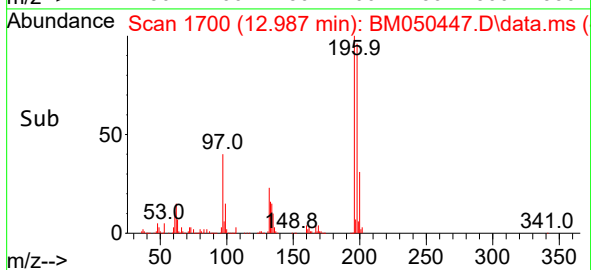
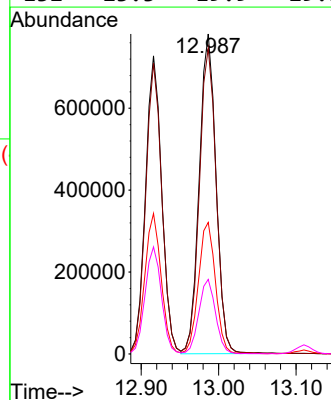
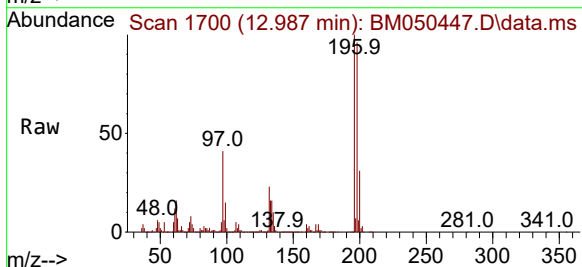
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

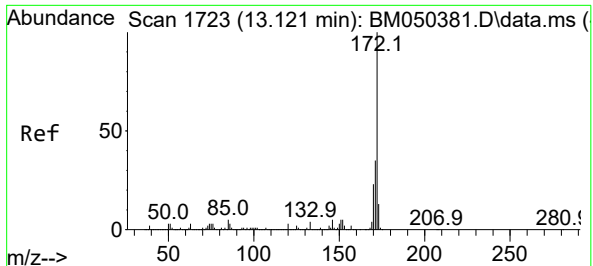
Tgt Ion:196 Resp: 1061024
Ion Ratio Lower Upper
196 100
198 97.5 75.1 112.7
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 43.247 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:196 Resp: 1174359
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
97 41.1 36.2 54.4
132 23.3 19.9 29.9

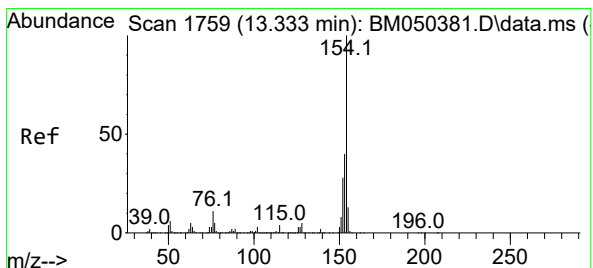
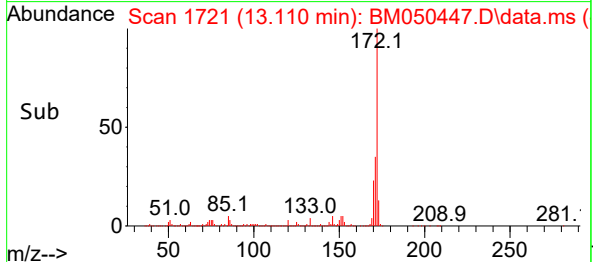
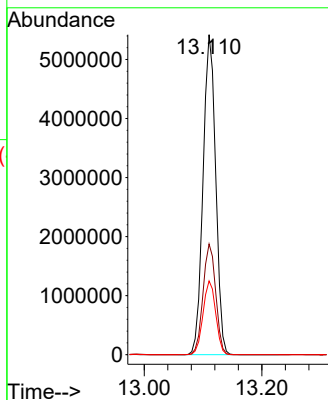
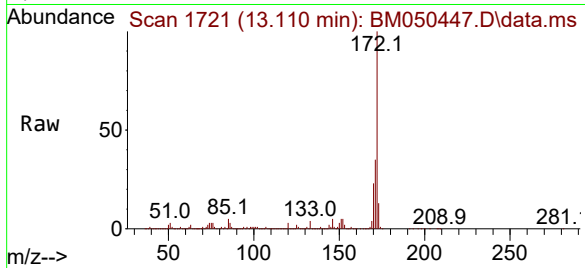




#45
2-Fluorobiphenyl
Concen: 78.340 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

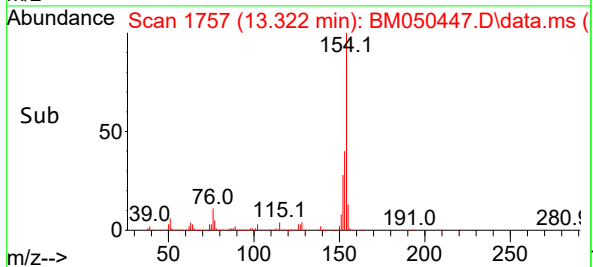
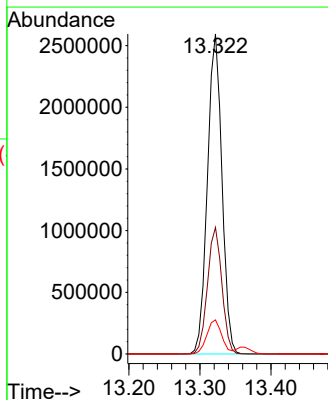
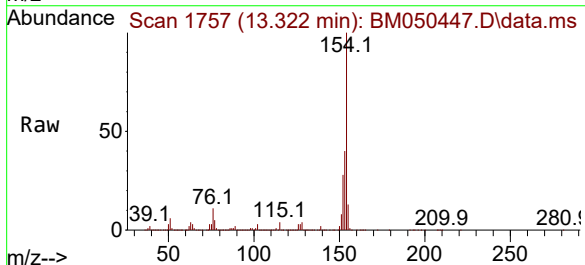
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

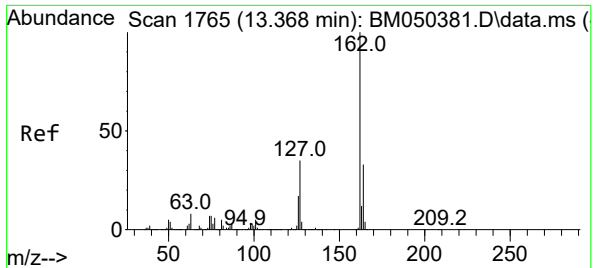
Tgt Ion:172 Resp: 8057853
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.072 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:154 Resp: 3682206
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 10.7 0.0 30.9

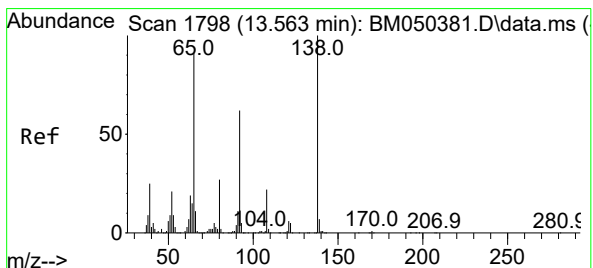
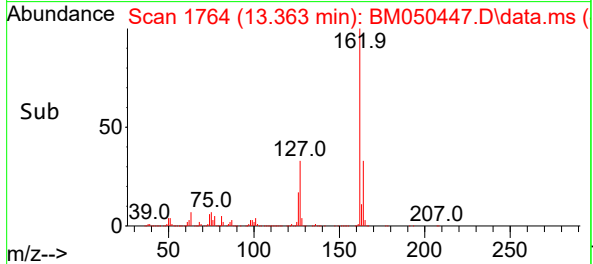
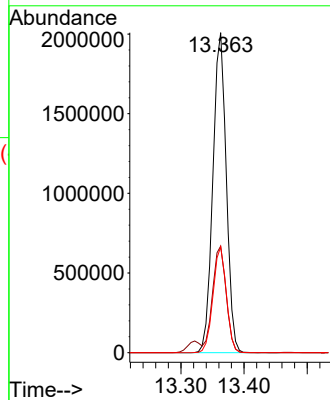
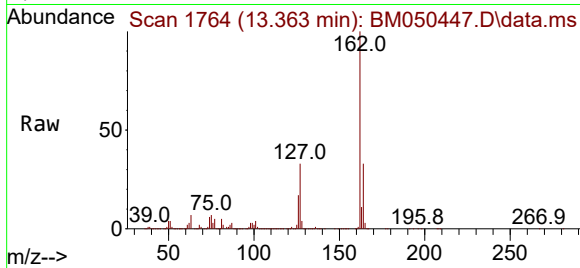




#47
2-Chloronaphthalene
Concen: 39.321 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

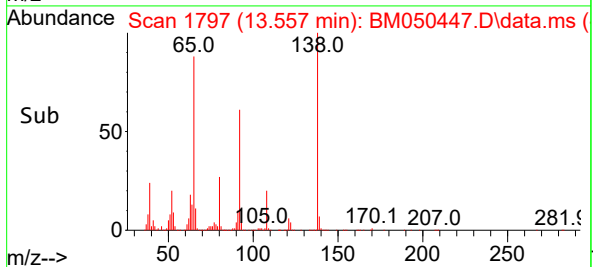
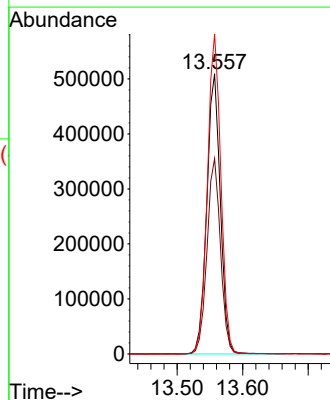
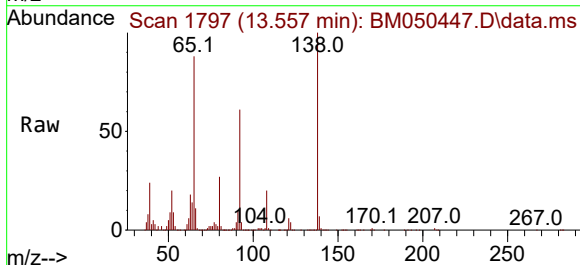
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

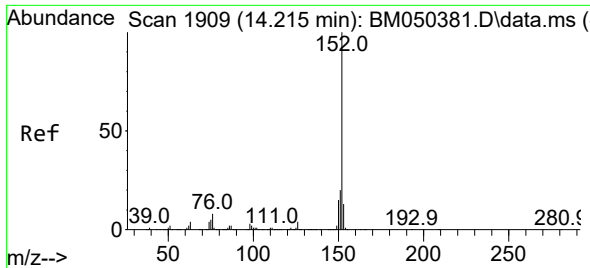
Tgt Ion:162 Resp: 2954615
Ion Ratio Lower Upper
162 100
127 33.3 28.3 42.5
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 43.703 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion: 65 Resp: 732988
Ion Ratio Lower Upper
65 100
92 69.7 54.3 81.5
138 114.2 87.8 131.6

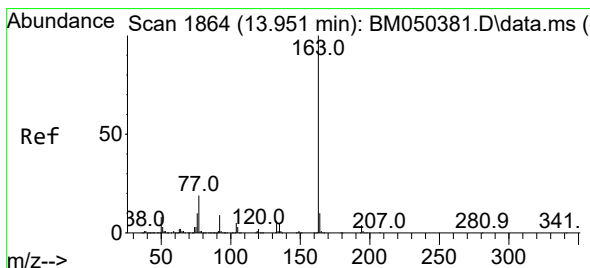
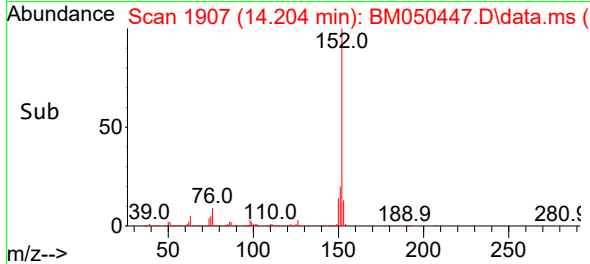
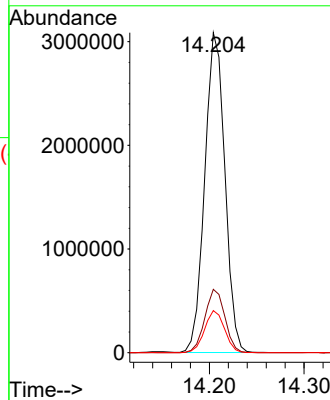
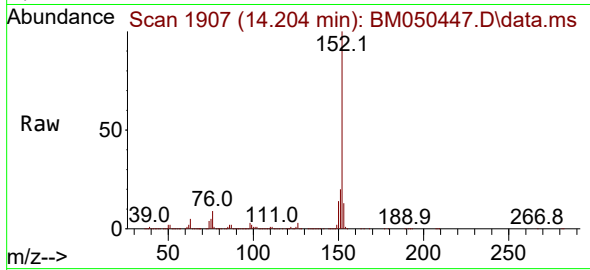




#49
Acenaphthylene
Concen: 40.096 ng
RT: 14.204 min Scan# 1907
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

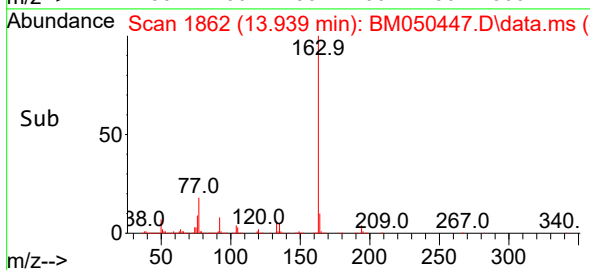
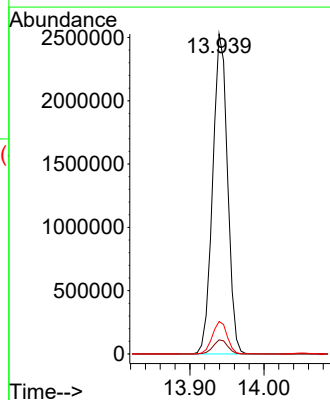
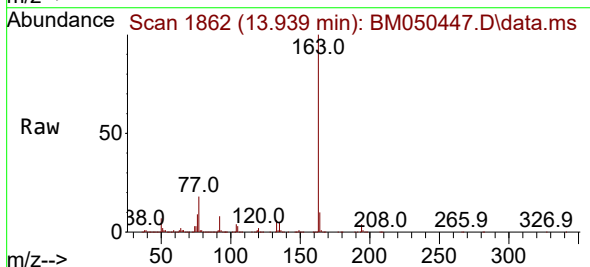
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

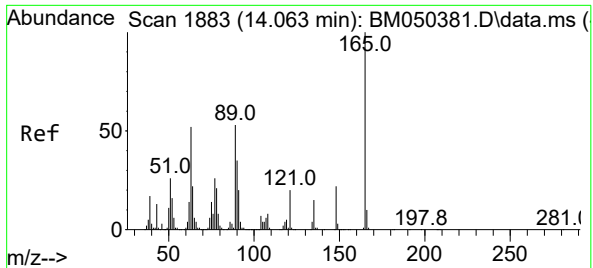
Tgt Ion:152 Resp: 4553234
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 40.153 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:163 Resp: 3511408
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

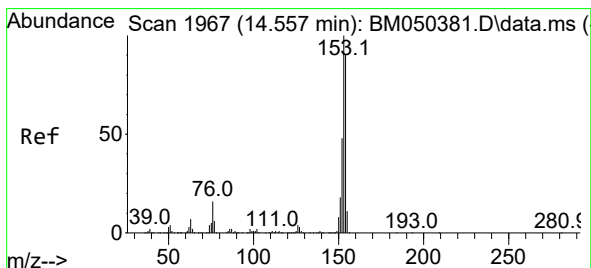
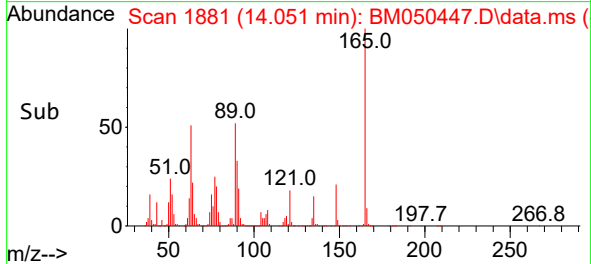
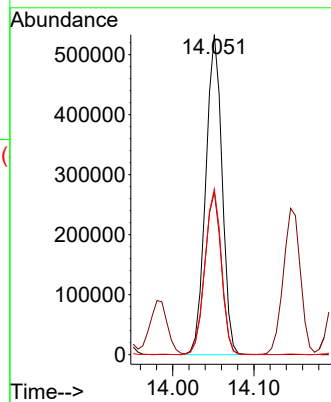
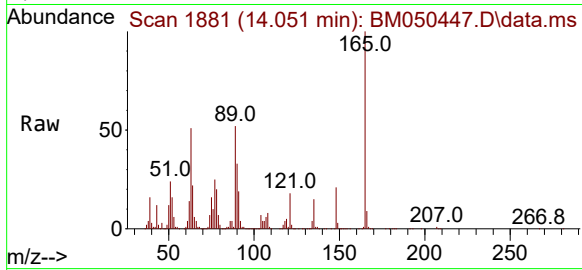




#51
2,6-Dinitrotoluene
Concen: 44.315 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

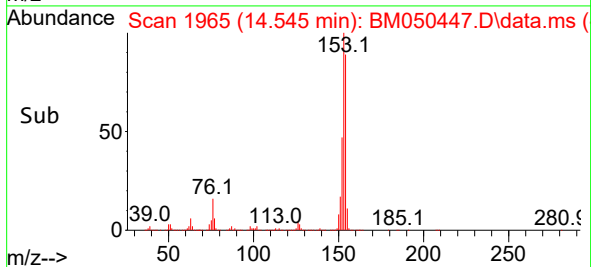
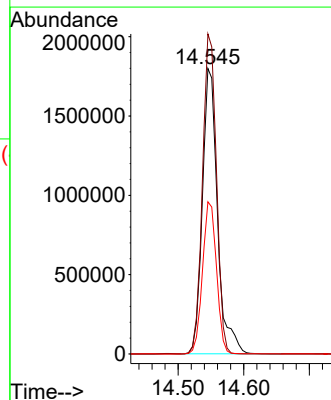
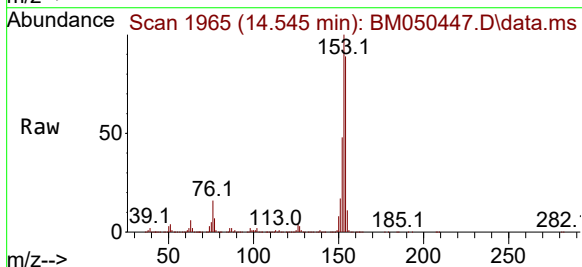
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

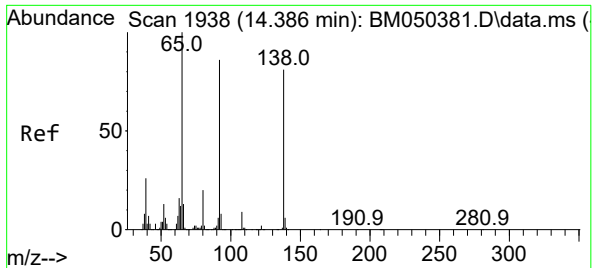
Tgt Ion:165 Resp: 744091
Ion Ratio Lower Upper
165 100
63 50.8 42.4 63.6
89 51.7 42.2 63.2



#52
Acenaphthene
Concen: 40.026 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:154 Resp: 2889695
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.3 42.6 64.0

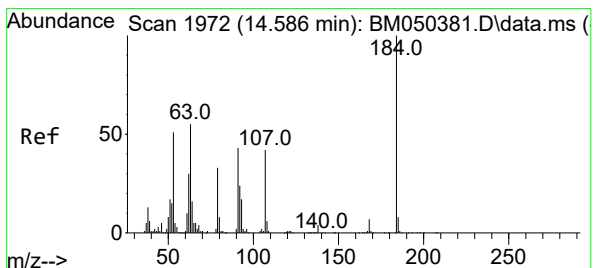
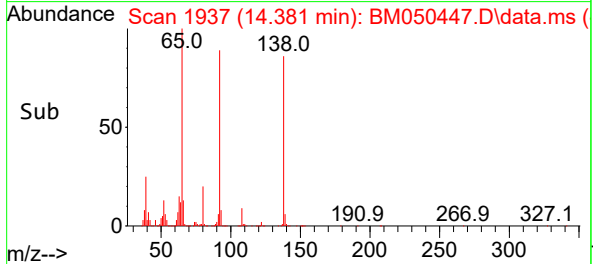
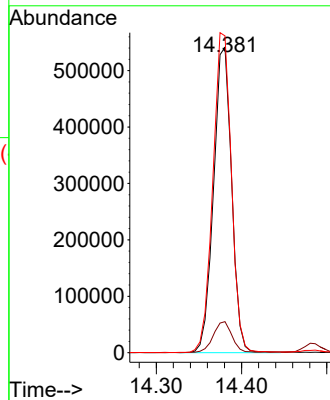
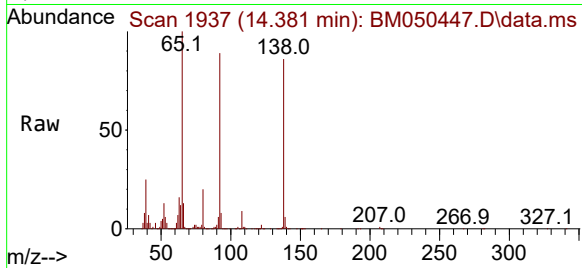




#53
3-Nitroaniline
Concen: 44.757 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

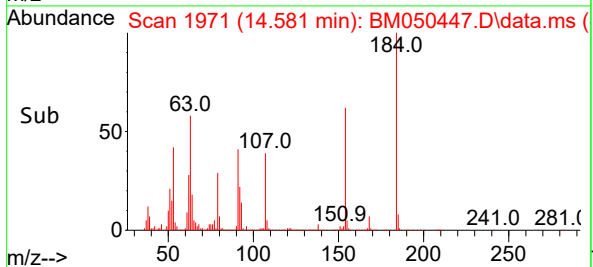
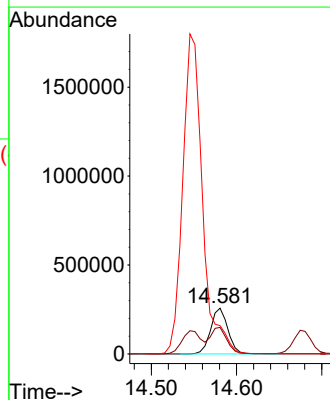
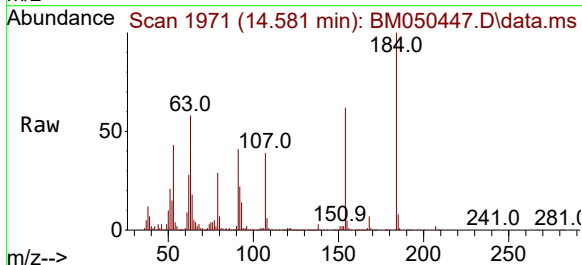
Instrument :
BNA_M
ClientSampleId :
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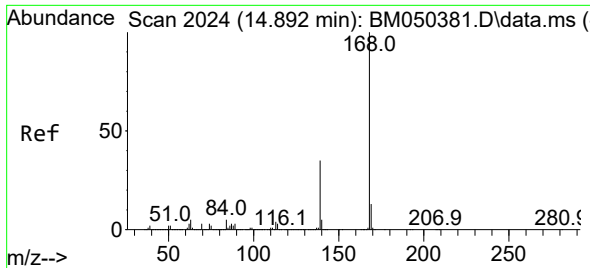
Tgt Ion:138 Resp: 799226
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 103.7 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 42.260 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:184 Resp: 361112
Ion Ratio Lower Upper
184 100
63 58.3 53.4 80.0
154 62.0 61.6 92.4

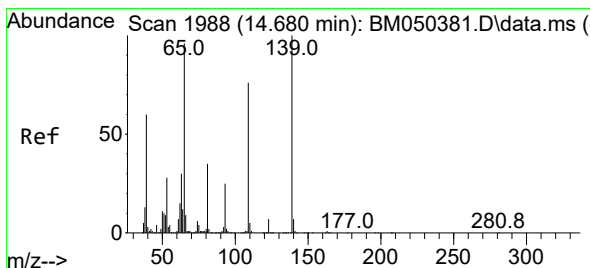
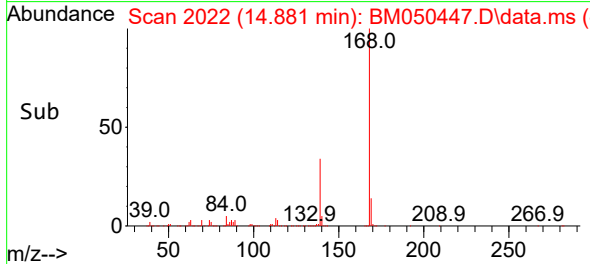
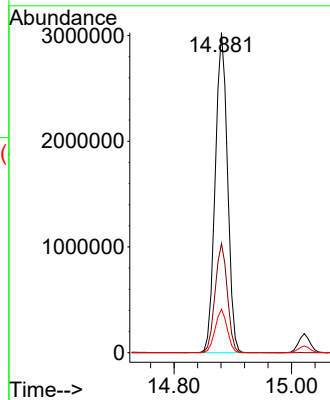
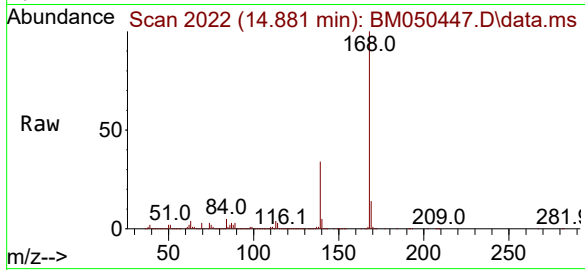




#55
Dibenzenofuran
Concen: 39.379 ng
RT: 14.881 min Scan# 2024
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

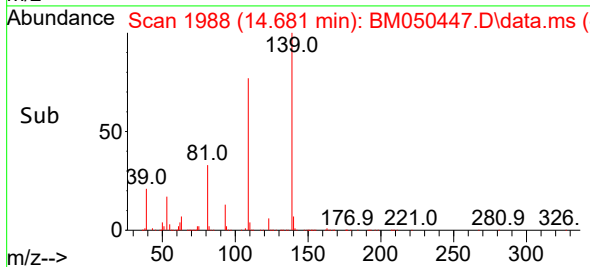
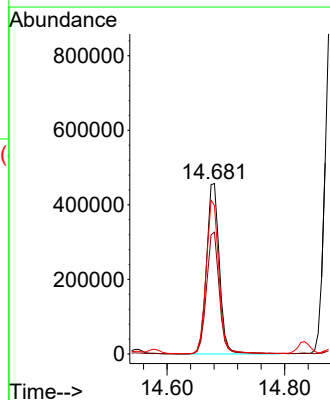
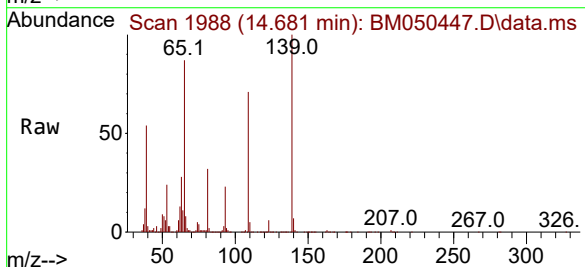
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

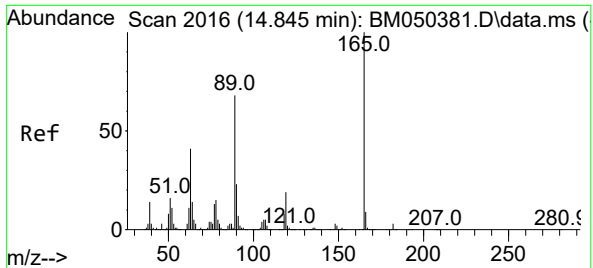
Tgt Ion:168 Resp: 4380502
Ion Ratio Lower Upper
168 100
139 34.1 27.7 41.5
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 45.285 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:139 Resp: 695410
Ion Ratio Lower Upper
139 100
109 71.5 56.5 96.5
65 87.2 76.4 116.4

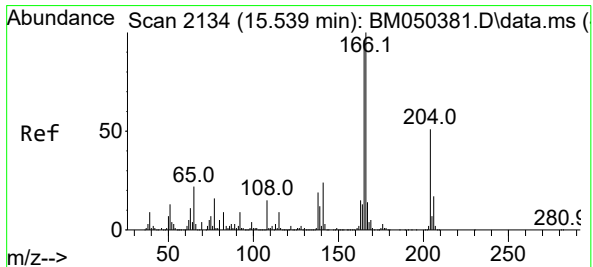
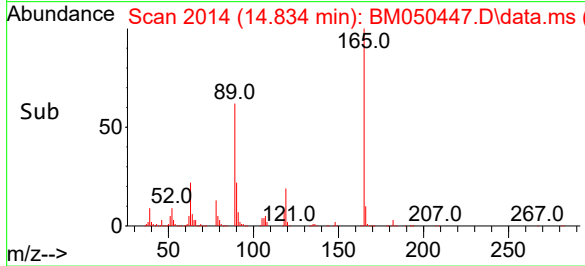
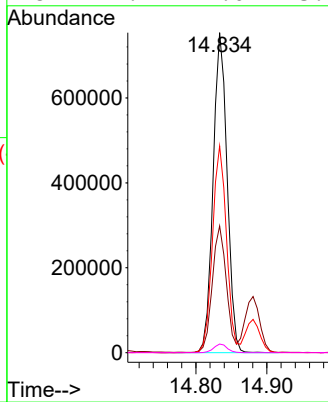
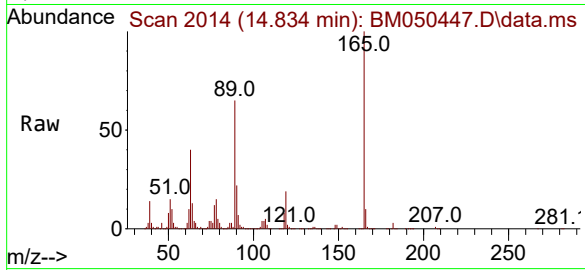




#57
2,4-Dinitrotoluene
Concen: 41.369 ng
RT: 14.834 min Scan# 2016
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

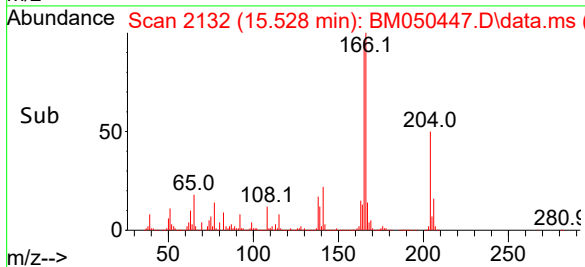
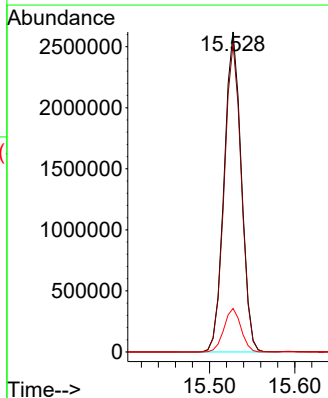
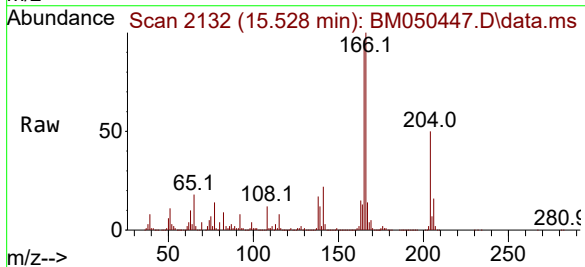
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

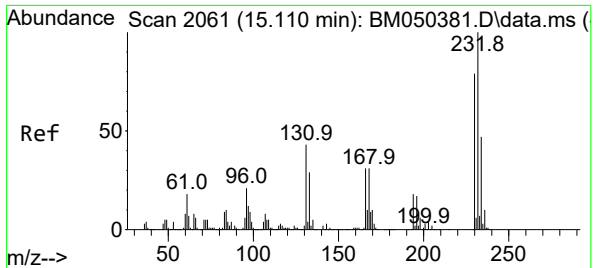
Tgt Ion:165 Resp: 1029834
Ion Ratio Lower Upper
165 100
63 39.6 32.5 48.7
89 64.6 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.972 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:166 Resp: 3662392
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.6 10.9 16.3

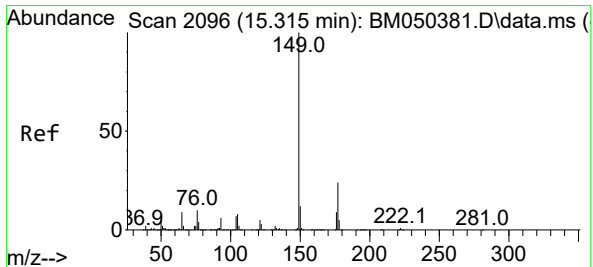
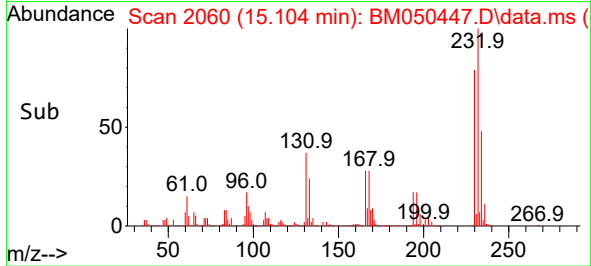
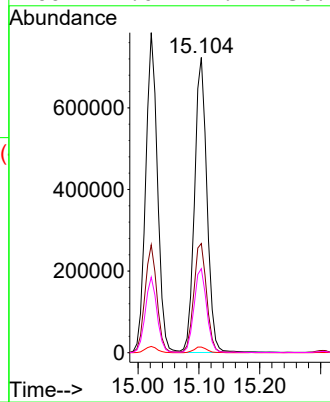
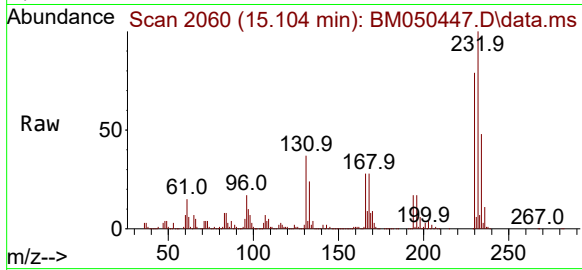




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.735 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

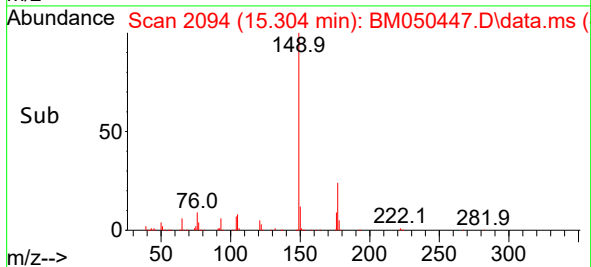
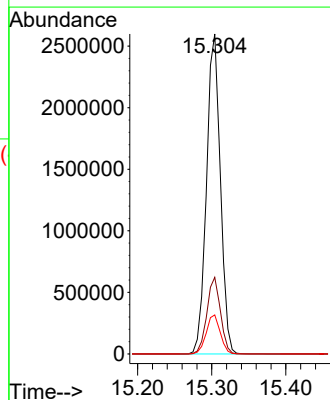
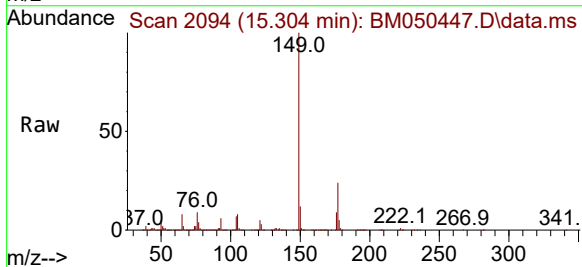
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

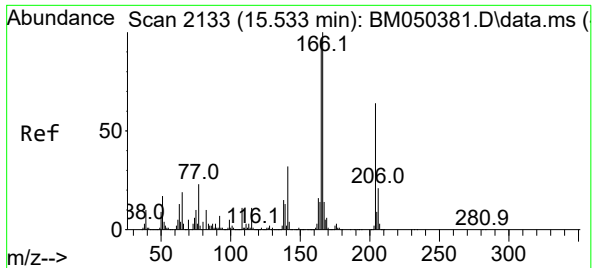
Tgt Ion:232 Resp: 1022596
Ion Ratio Lower Upper
232 100
131 38.3 33.4 50.0
130 2.0 1.8 2.6
166 29.0 24.2 36.4



#60
Diethylphthalate
Concen: 40.379 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:149 Resp: 3373102
Ion Ratio Lower Upper
149 100
177 24.0 18.8 28.2
150 12.2 9.8 14.8

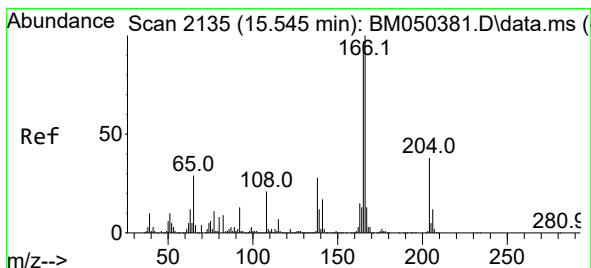
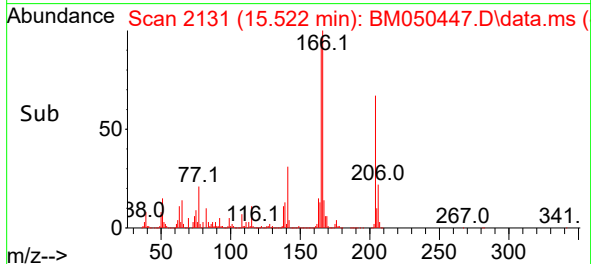
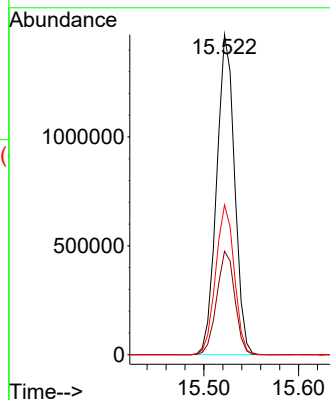
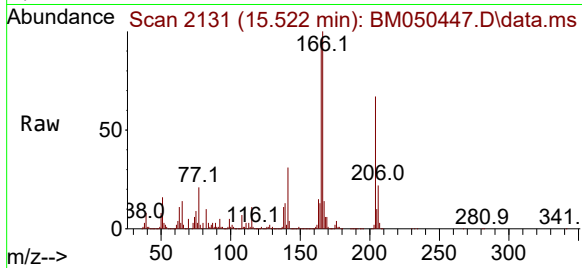




#61
4-Chlorophenyl-phenylether
Concen: 40.408 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

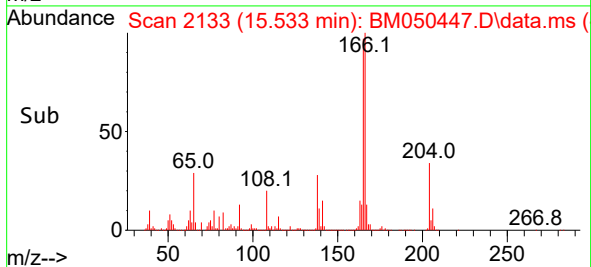
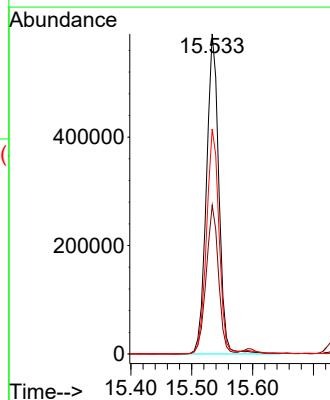
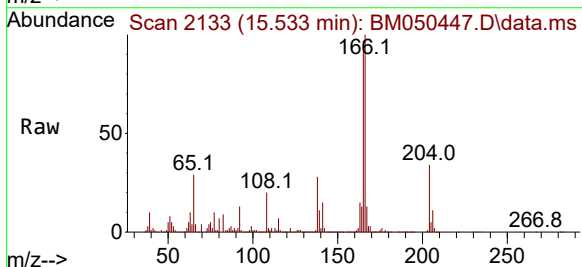
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

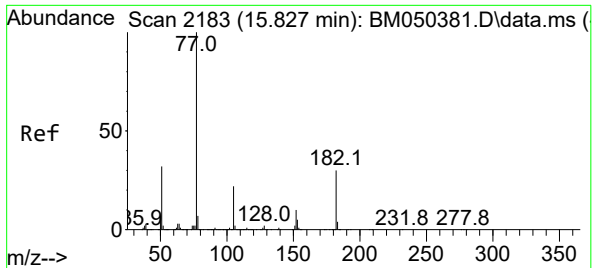
Tgt Ion:204 Resp: 1935957
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 46.8 39.9 59.9



#62
4-Nitroaniline
Concen: 41.132 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:138 Resp: 836379
Ion Ratio Lower Upper
138 100
92 46.5 24.5 64.5
108 70.3 52.5 92.5

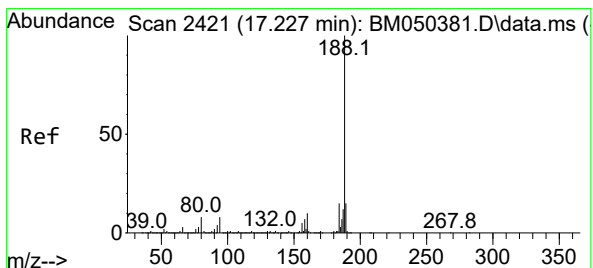
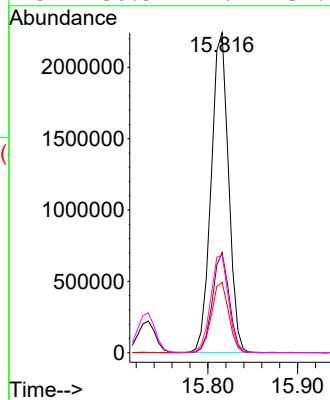
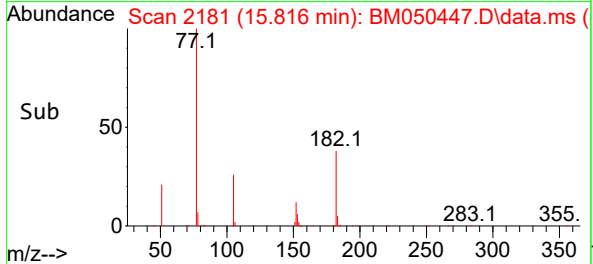
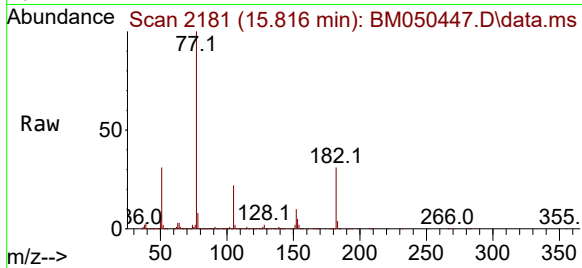




#63
Azobenzene
Concen: 39.253 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

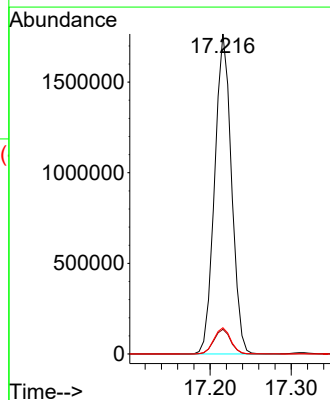
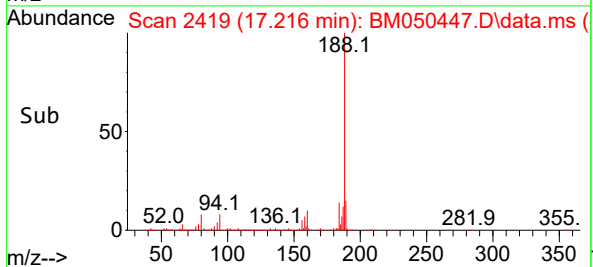
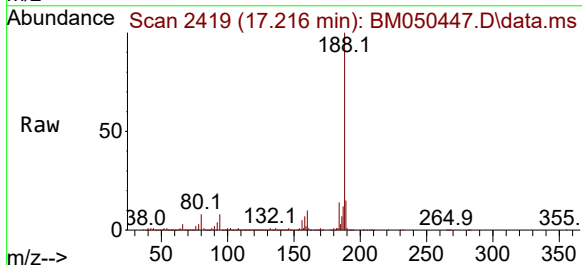
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

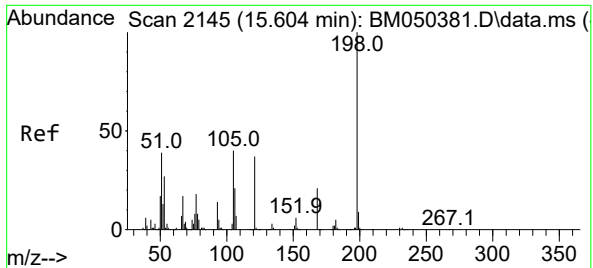
Tgt Ion: 77 Resp: 3011006
Ion Ratio Lower Upper
77 100
182 31.3 10.0 50.0
105 22.0 2.0 42.0
51 30.5 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:188 Resp: 2544953
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 8.2 6.5 9.7

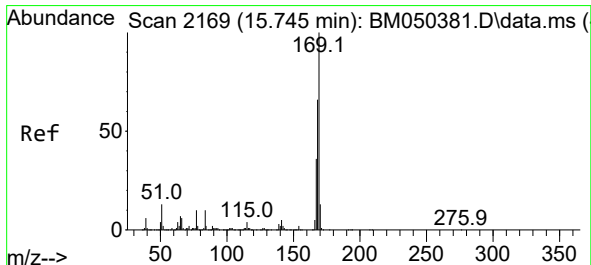
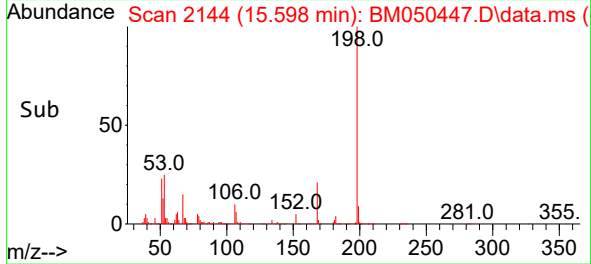
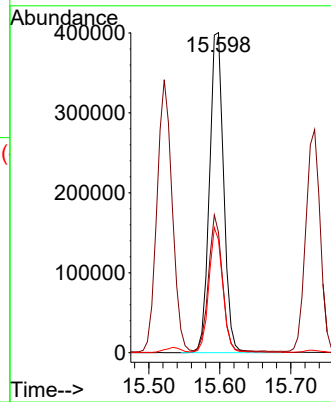
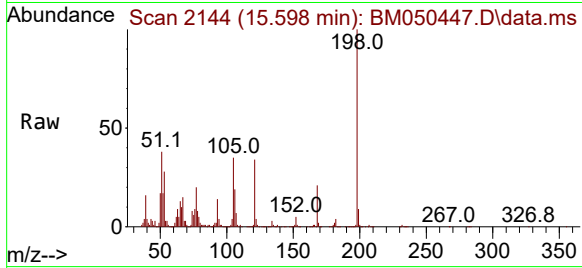




#65
4,6-Dinitro-2-methylphenol
Concen: 41.720 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

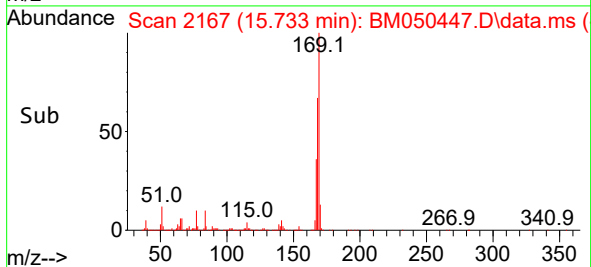
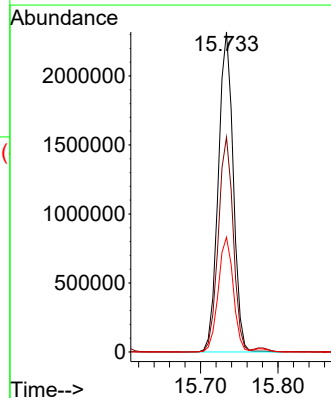
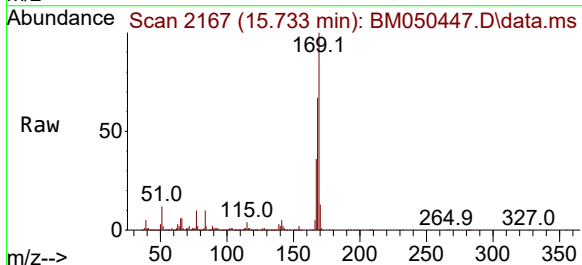
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

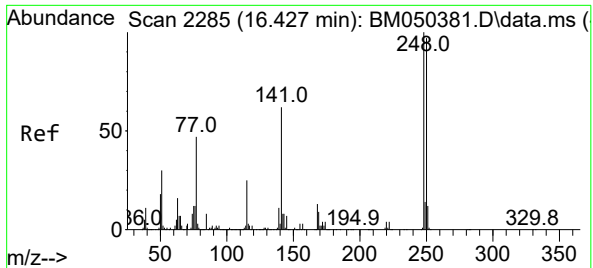
Tgt Ion:198 Resp: 557934
Ion Ratio Lower Upper
198 100
51 37.6 26.6 66.6
105 35.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 38.931 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:169 Resp: 3100305
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 35.8 28.7 43.1

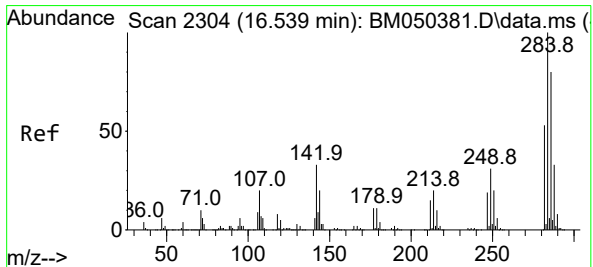
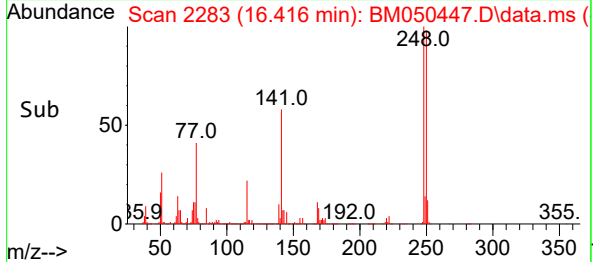
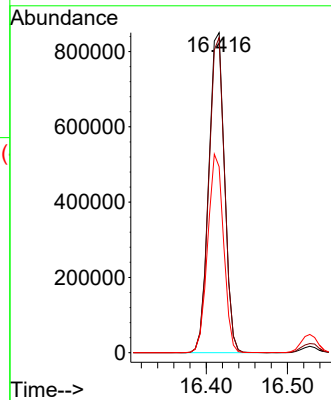
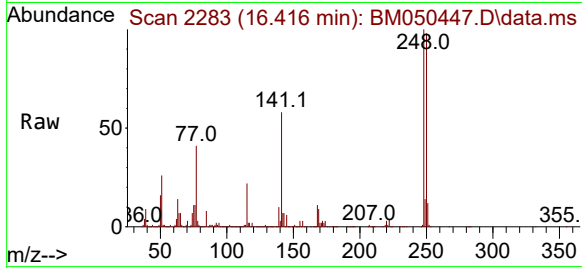




#67
4-Bromophenyl-phenylether
Concen: 40.821 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

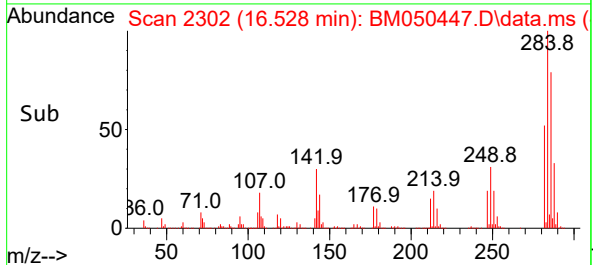
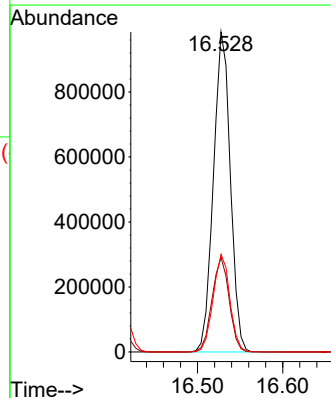
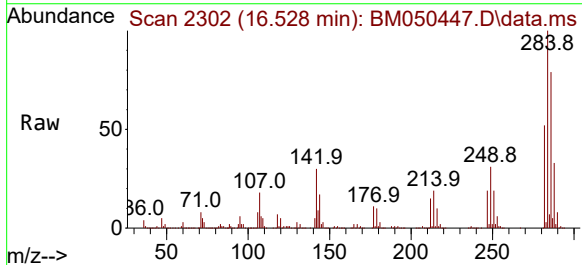
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

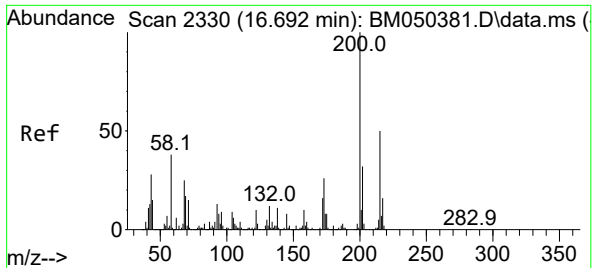
Tgt Ion:248 Resp: 1144589
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 58.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.986 ng
RT: 16.528 min Scan# 2302
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:284 Resp: 1357316
Ion Ratio Lower Upper
284 100
142 29.6 26.8 40.2
249 30.5 24.5 36.7

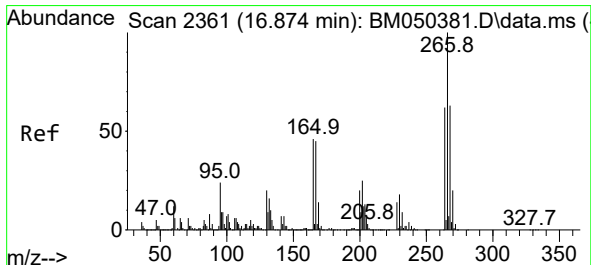
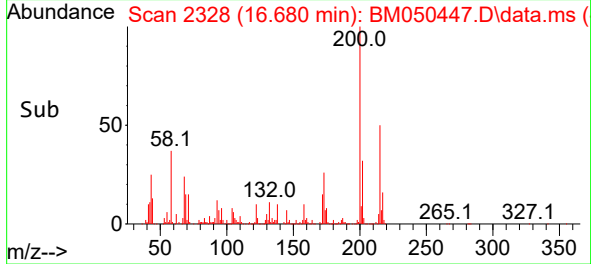
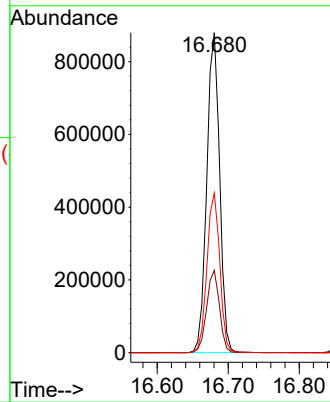
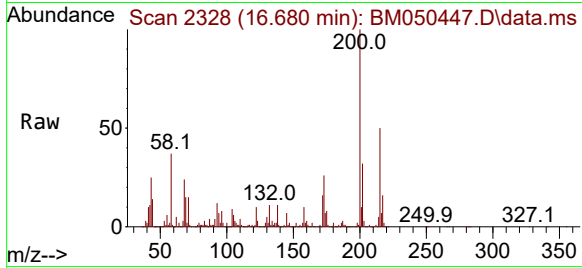




#69
Atrazine
Concen: 42.486 ng
RT: 16.680 min Scan# 211
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

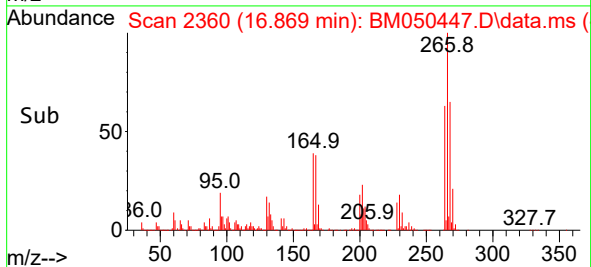
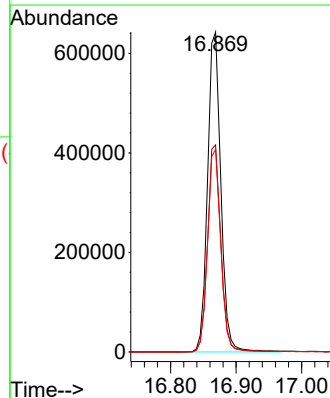
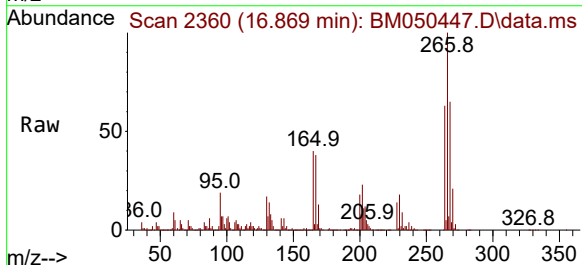
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

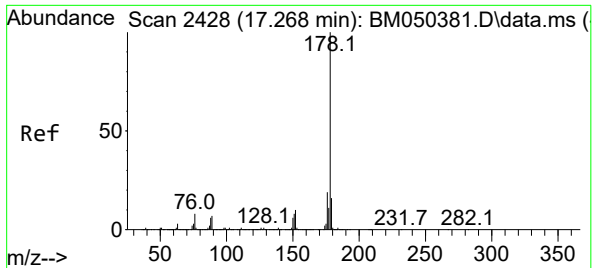
Tgt Ion:200 Resp: 1111007
Ion Ratio Lower Upper
200 100
173 25.7 5.6 45.6
215 49.9 29.6 69.6



#70
Pentachlorophenol
Concen: 44.044 ng
RT: 16.869 min Scan# 2360
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:266 Resp: 907996
Ion Ratio Lower Upper
266 100
268 64.7 50.5 75.7
264 63.3 49.9 74.9

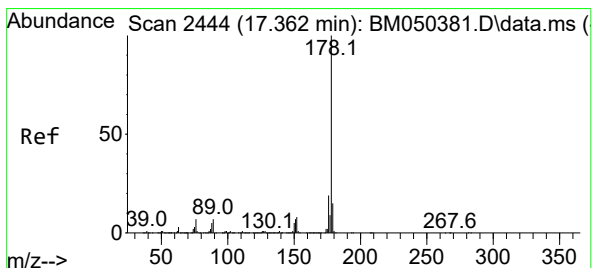
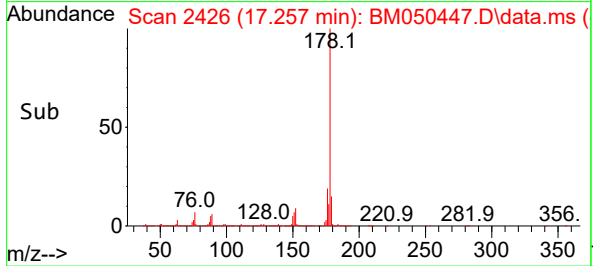
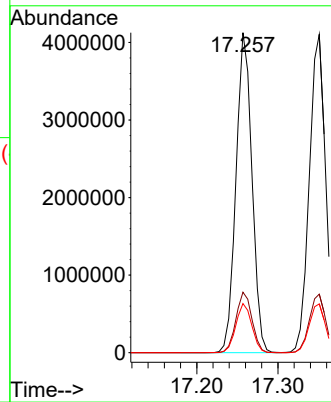
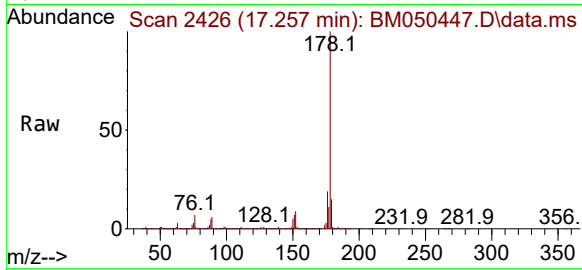




#71
Phenanthrene
Concen: 38.975 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

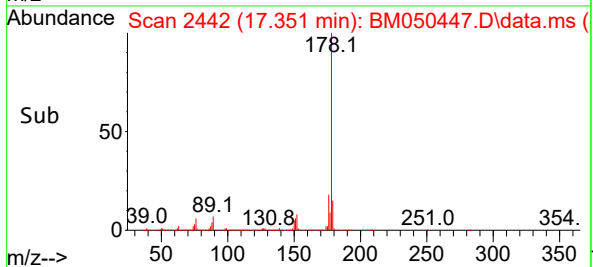
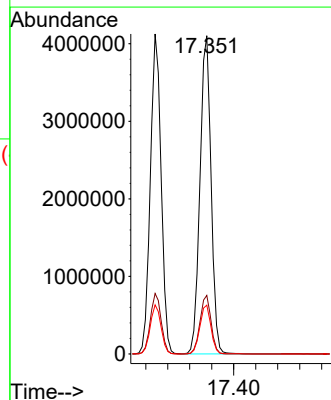
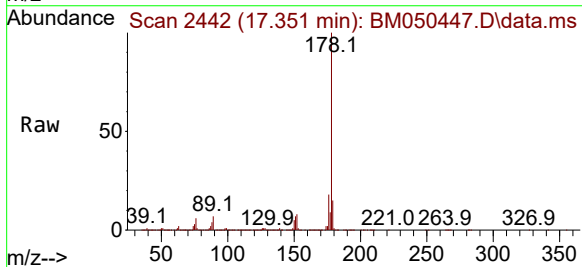
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

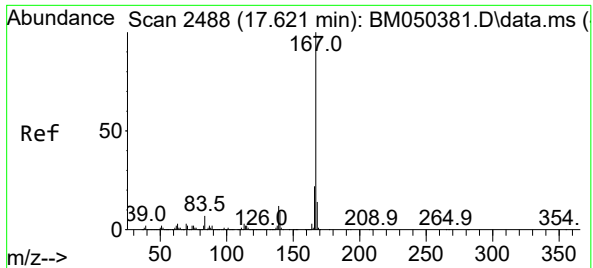
Tgt Ion:178 Resp: 5612742
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.5 18.7



#72
Anthracene
Concen: 40.158 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:178 Resp: 5756461
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.3 12.2 18.4

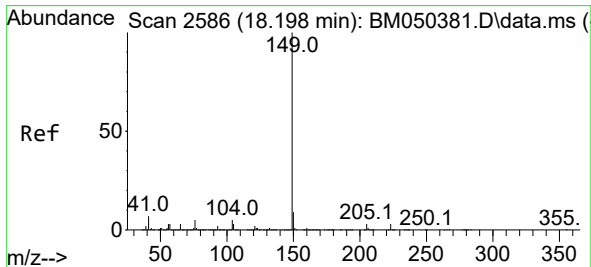
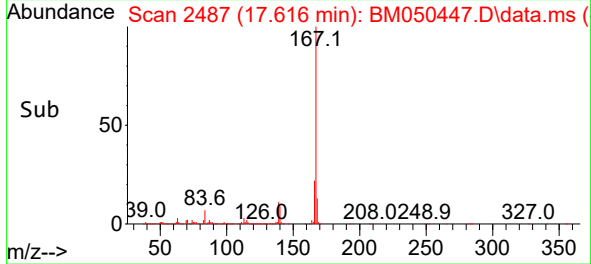
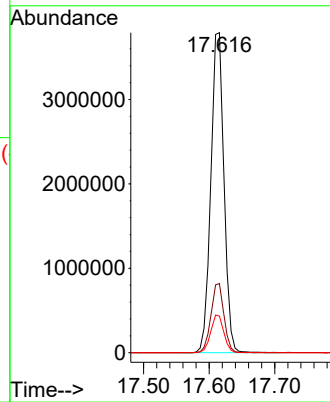
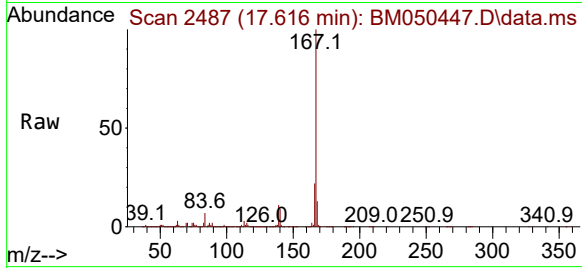




#73
Carbazole
Concen: 40.825 ng
RT: 17.616 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

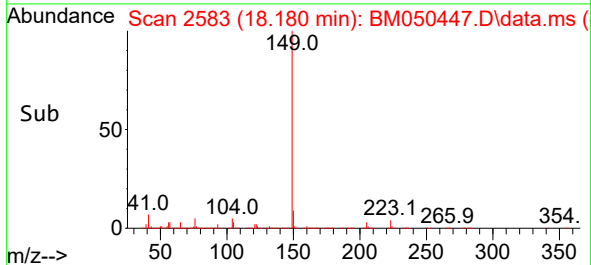
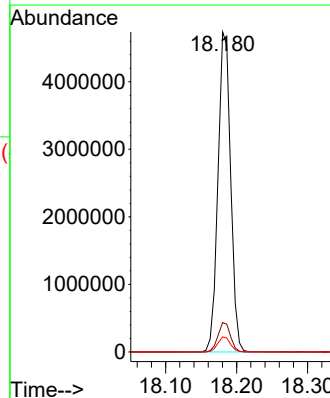
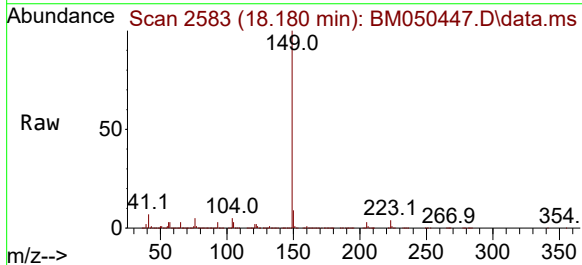
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

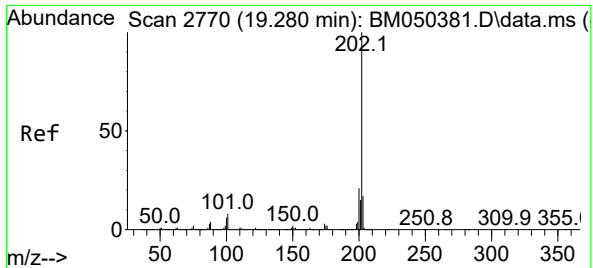
Tgt Ion:167 Resp: 5295038
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 11.5 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.158 ng
RT: 18.180 min Scan# 2583
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:149 Resp: 5842942
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.9 5.9

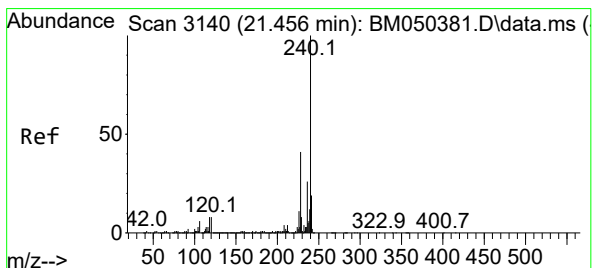
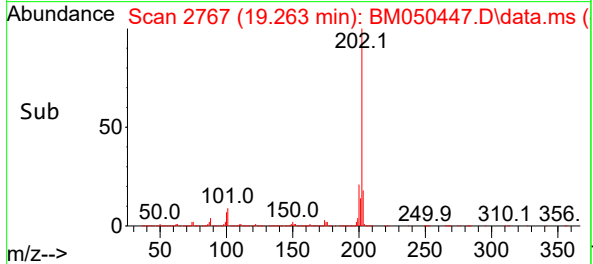
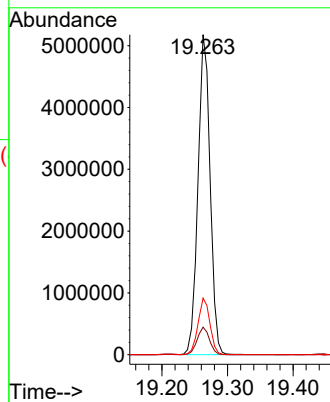
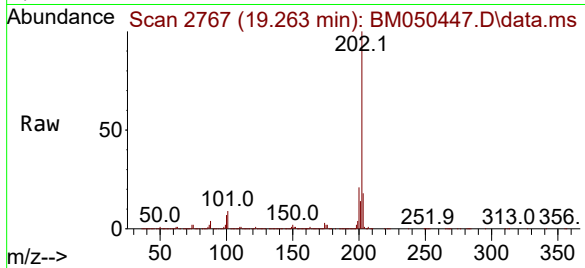




#75
Fluoranthene
Concen: 42.496 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

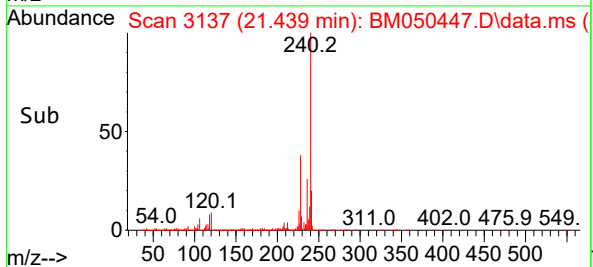
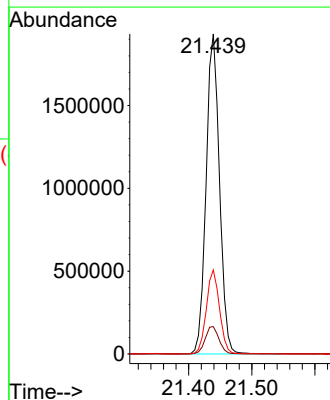
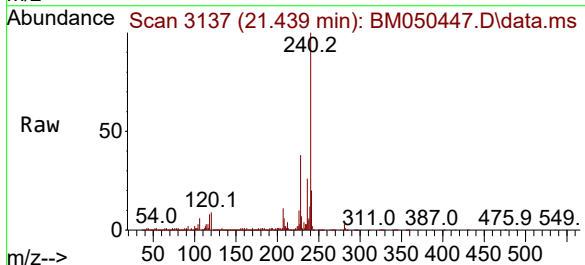
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

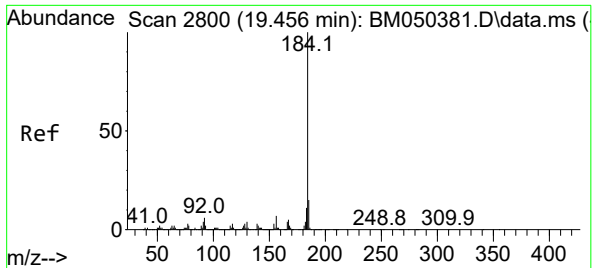
Tgt Ion:202 Resp: 6652905
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.3
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:240 Resp: 2847956
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 26.2 20.7 31.1

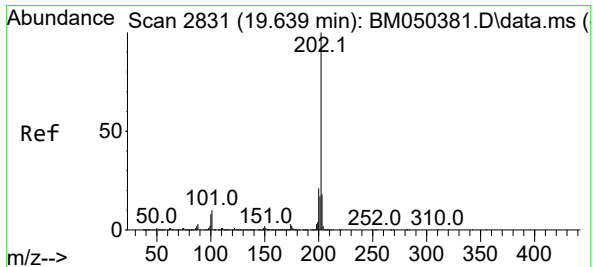
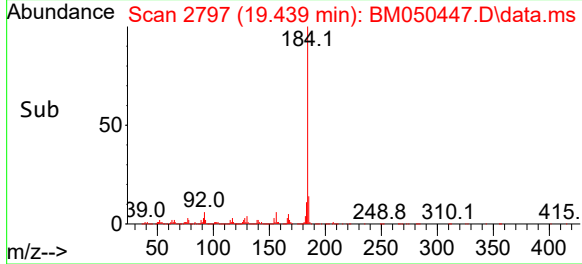
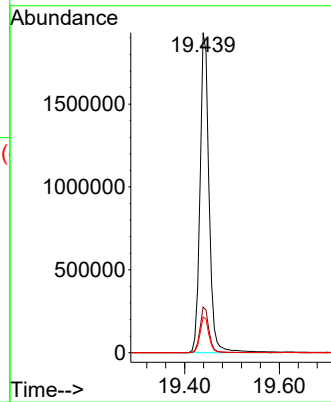
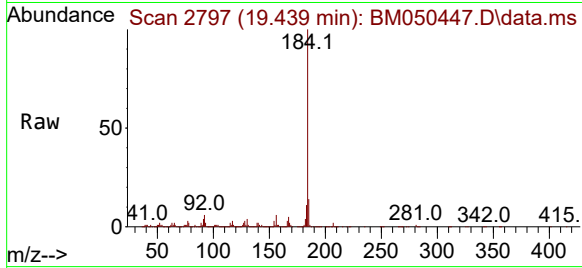




#77
Benzidine
Concen: 35.235 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

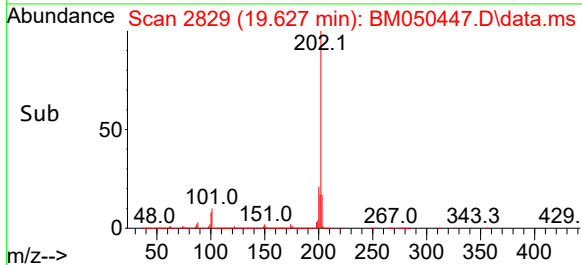
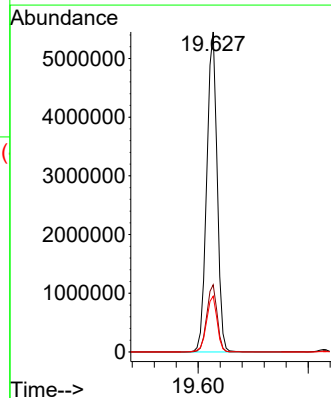
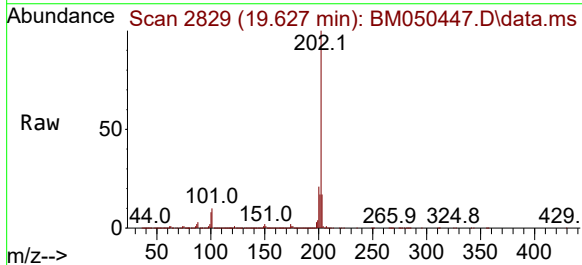
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

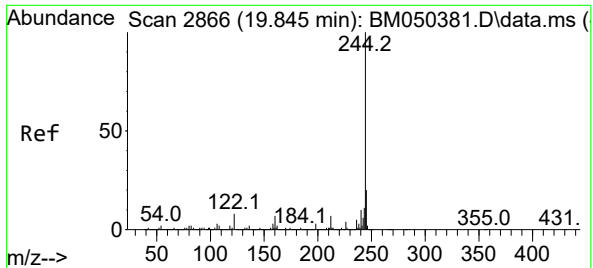
Tgt Ion:184 Resp: 2559491
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.1 9.0 13.6



#78
Pyrene
Concen: 39.171 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:202 Resp: 7144612
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.5 14.1 21.1

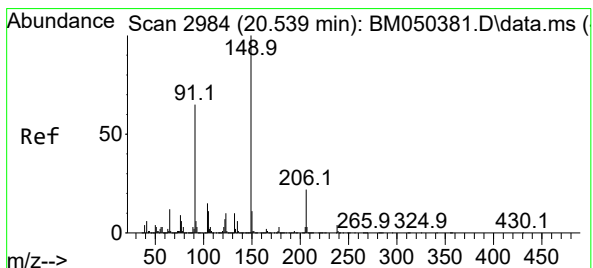
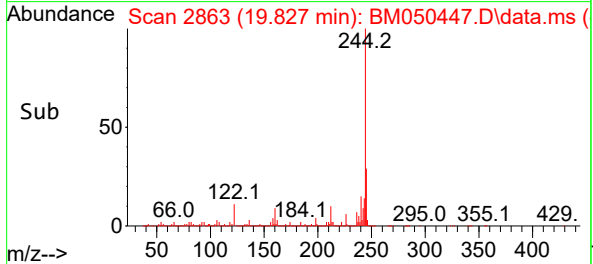
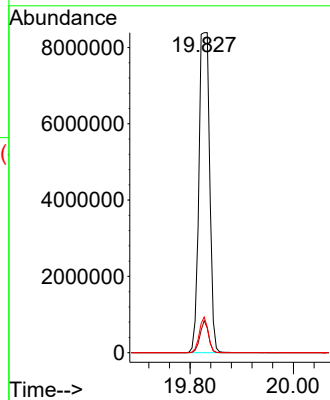
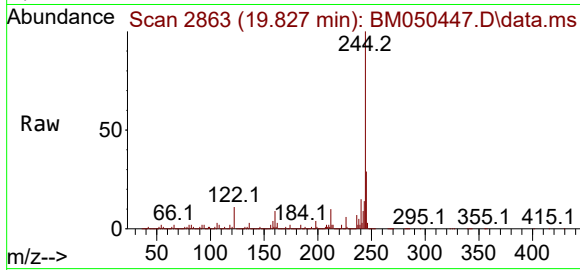




#79
Terphenyl-d14
Concen: 74.946 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

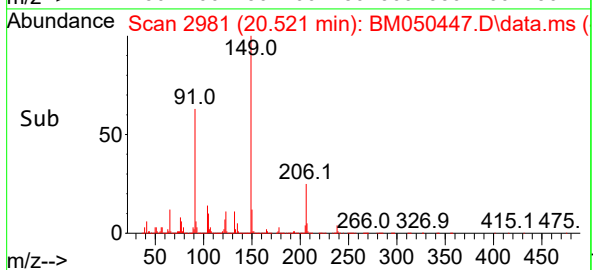
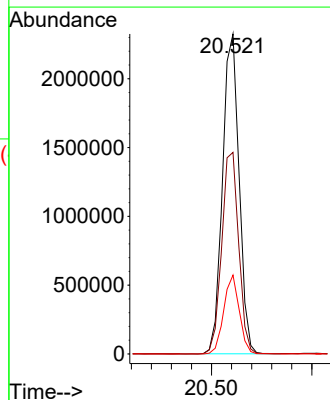
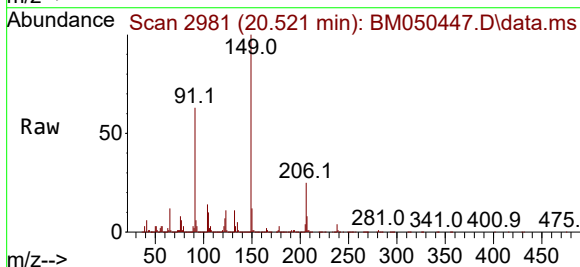
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

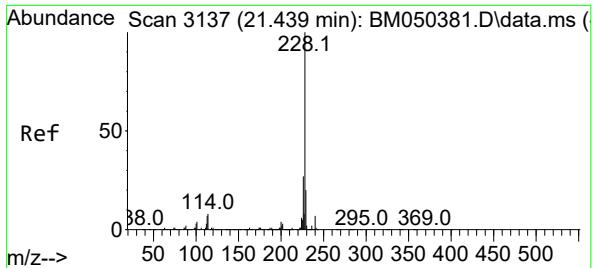
Tgt Ion:244 Resp:12131148
Ion Ratio Lower Upper
244 100
212 10.0 5.7 8.5#
122 11.2 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 44.099 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:149 Resp: 2652217
Ion Ratio Lower Upper
149 100
91 63.0 51.6 77.4
206 24.6 17.8 26.8

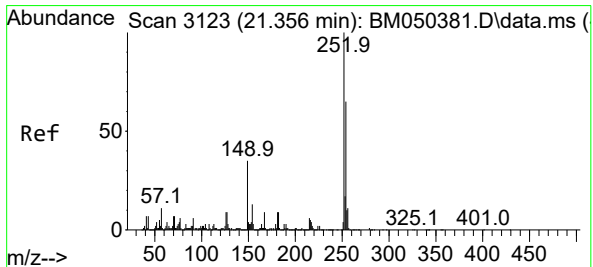
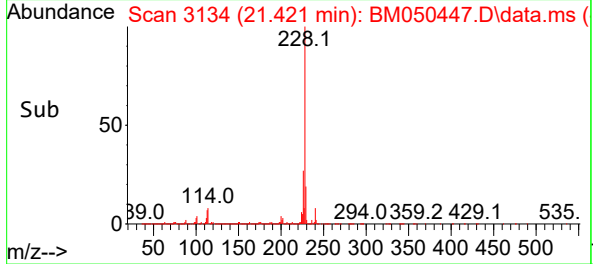
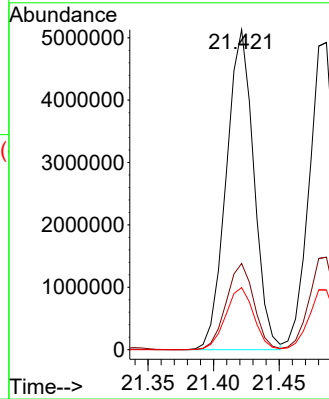
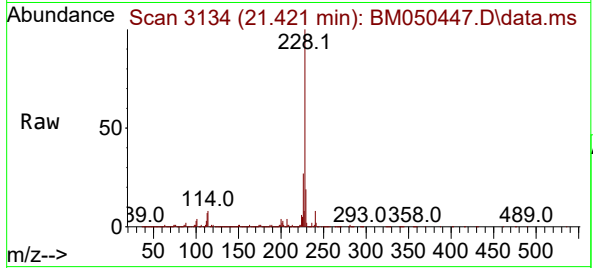




#81
Benzo(a)anthracene
Concen: 40.446 ng
RT: 21.421 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

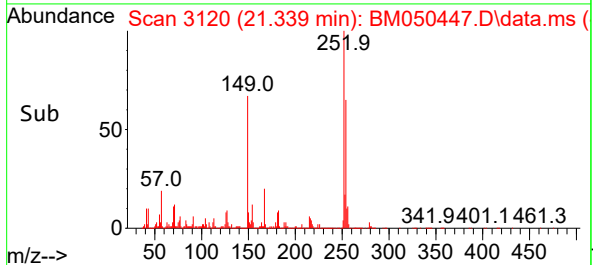
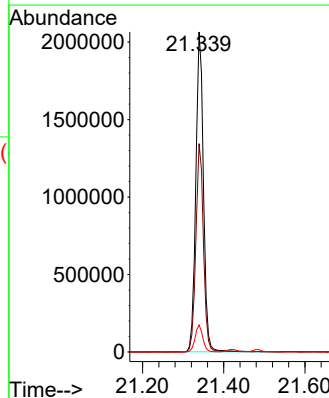
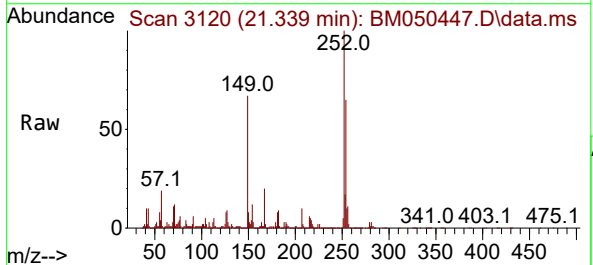
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

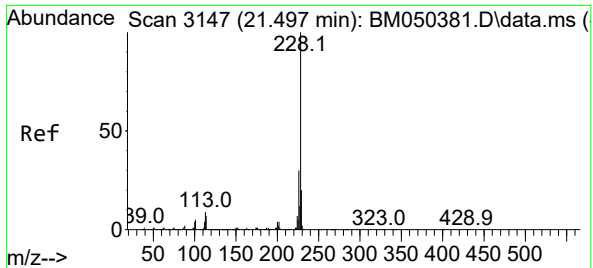
Tgt Ion:228 Resp: 7505384
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.289 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:252 Resp: 2708937
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 8.5 7.3 10.9

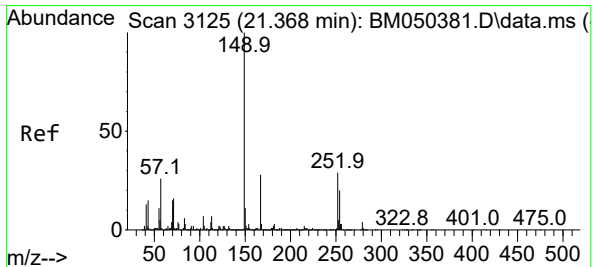
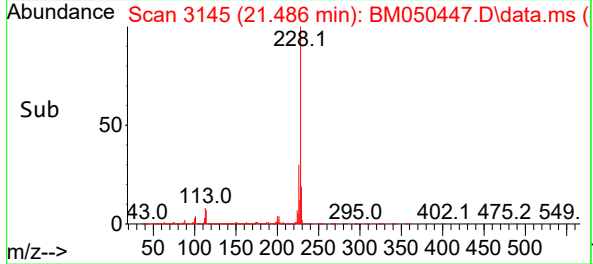
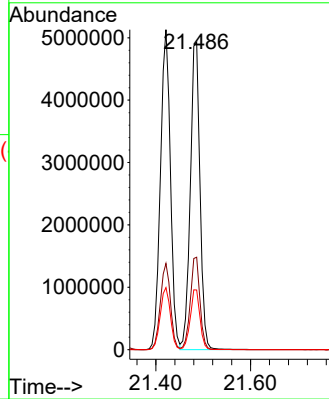
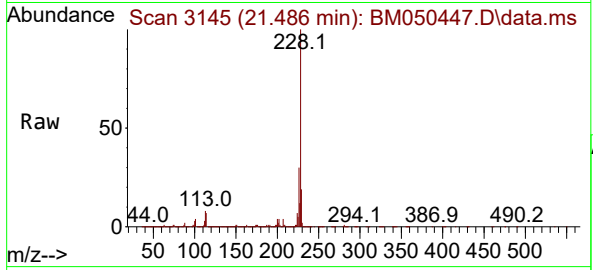




#83
Chrysene
Concen: 40.127 ng
RT: 21.486 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

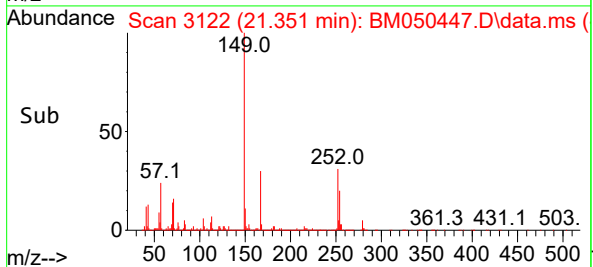
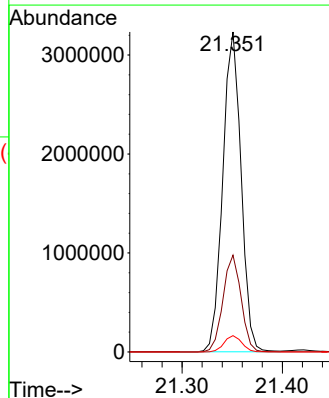
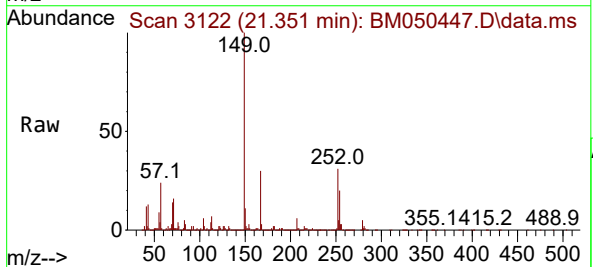
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

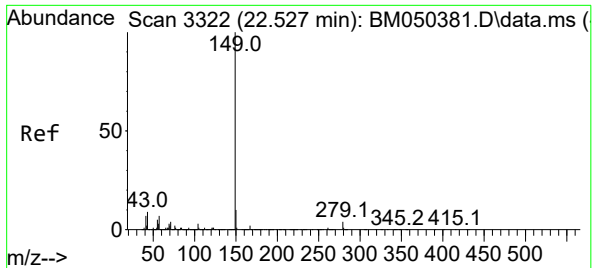
Tgt Ion:228 Resp: 7023286
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.858 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.017 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:149 Resp: 4091851
Ion Ratio Lower Upper
149 100
167 30.2 22.7 34.1
279 5.1 3.5 5.3

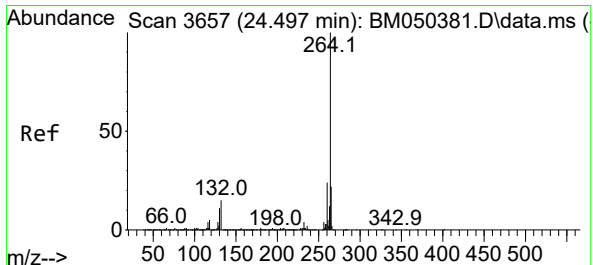
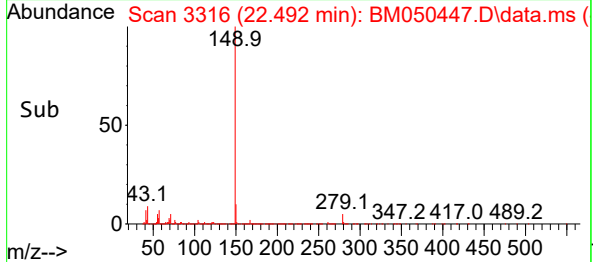
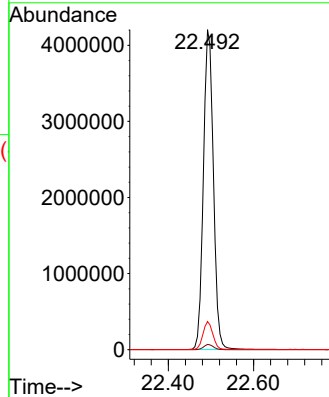
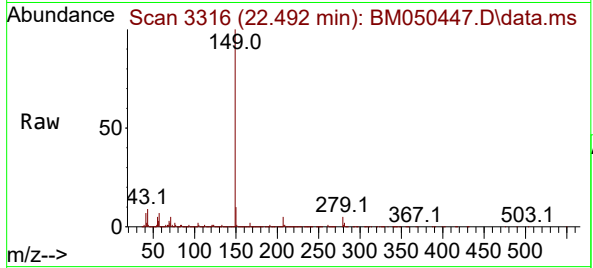




#85
Di-n-octyl phthalate
Concen: 45.673 ng
RT: 22.492 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

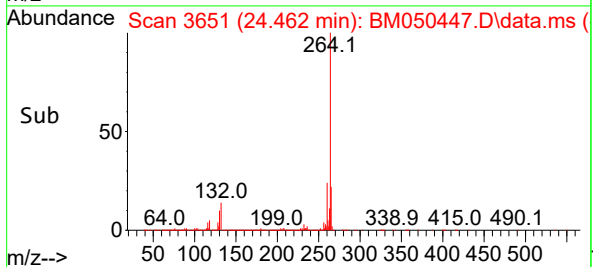
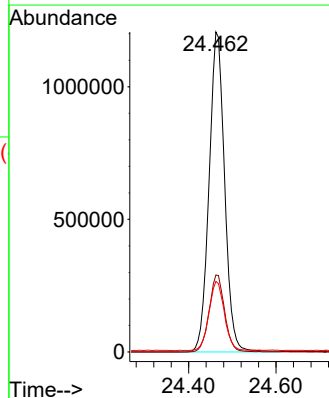
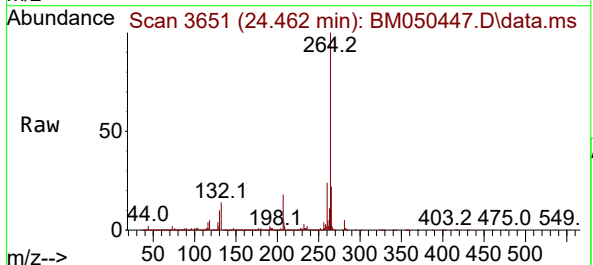
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

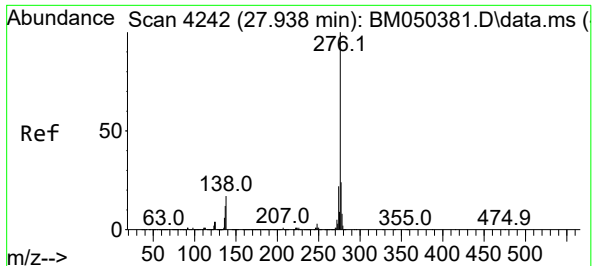
Tgt Ion:149 Resp: 6829680
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.035 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:264 Resp: 2980889
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.1 17.8 26.6

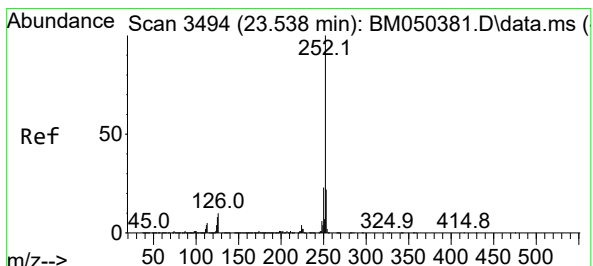
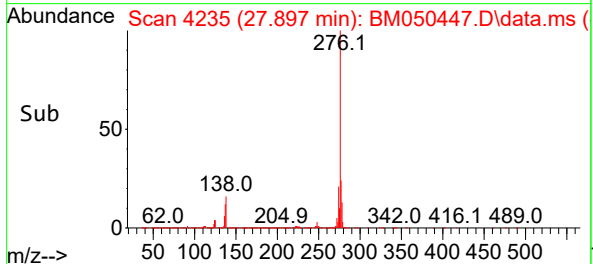
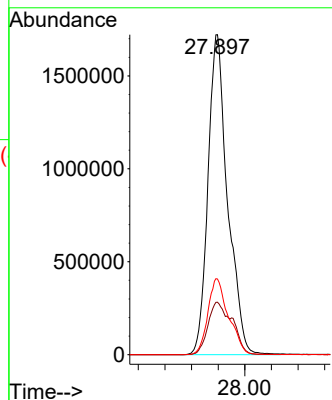
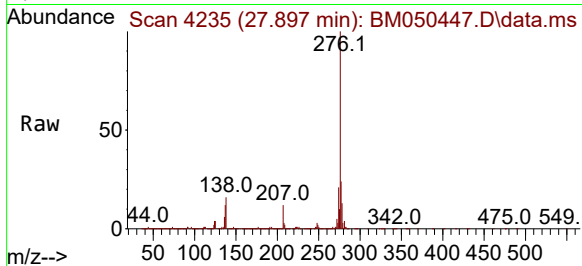




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.667 ng
RT: 27.897 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

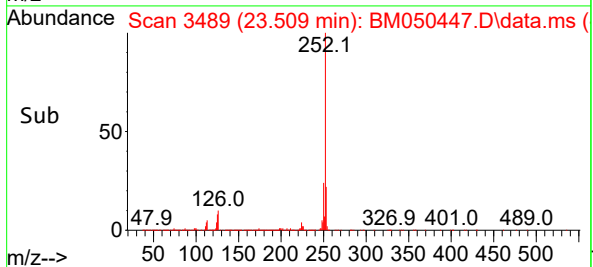
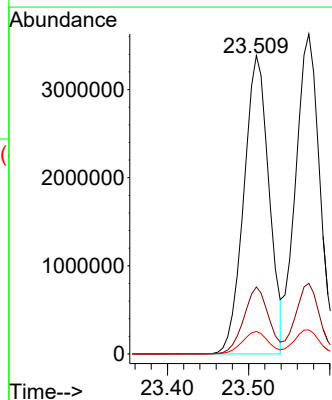
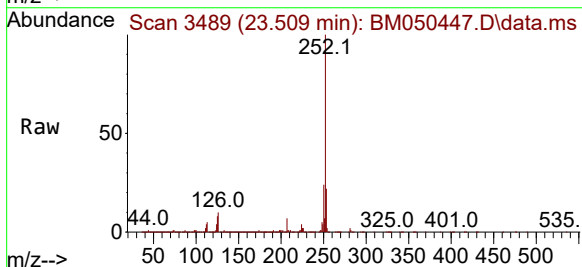
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

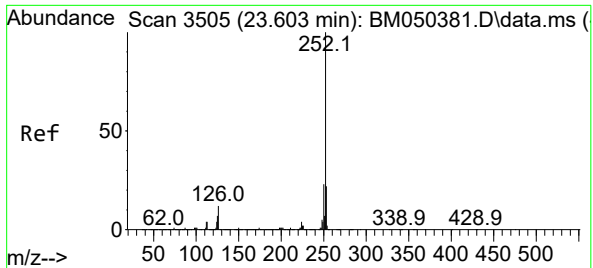
Tgt Ion:276 Resp: 8830716
Ion Ratio Lower Upper
276 100
138 20.3 17.0 25.6
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 39.784 ng
RT: 23.509 min Scan# 3489
Delta R.T. -0.029 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:252 Resp: 7294559
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 7.5 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 39.529 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

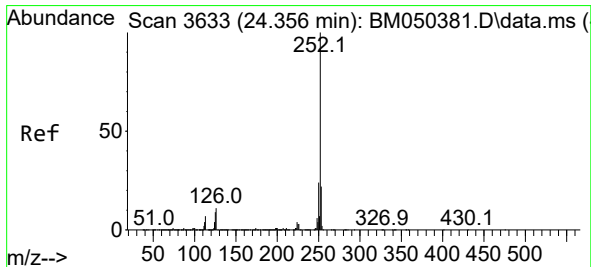
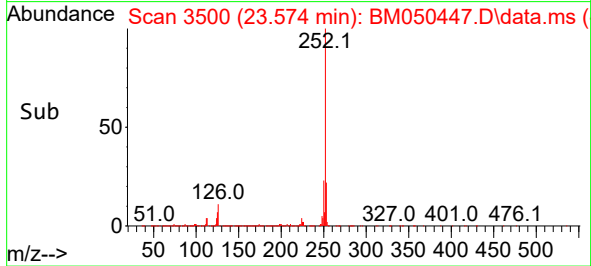
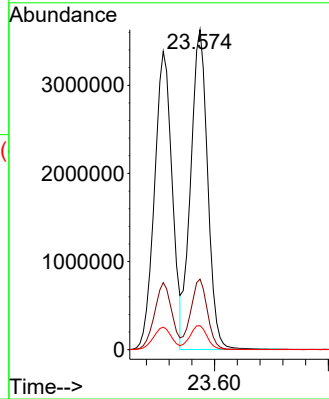
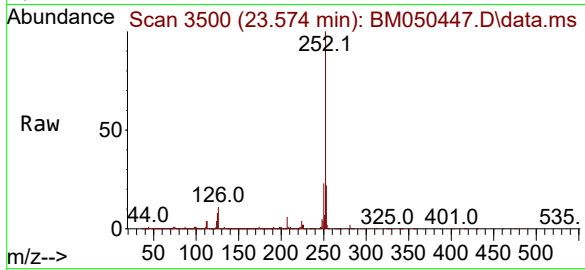
Tgt Ion:252 Resp: 7520508

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.5 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.865 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.029 min

Lab File: BM050447.D

Acq: 15 Jul 2025 09:30

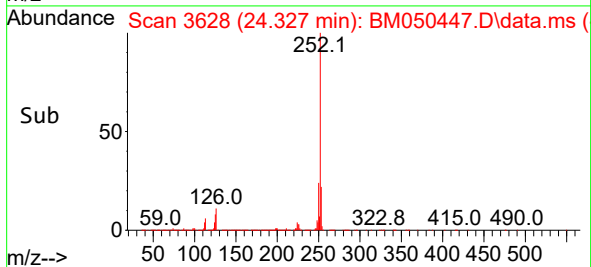
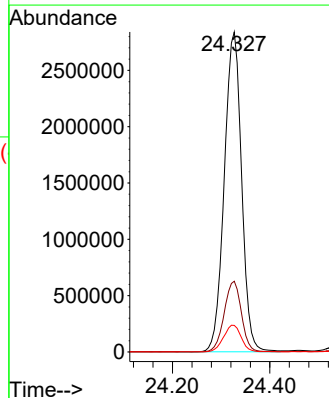
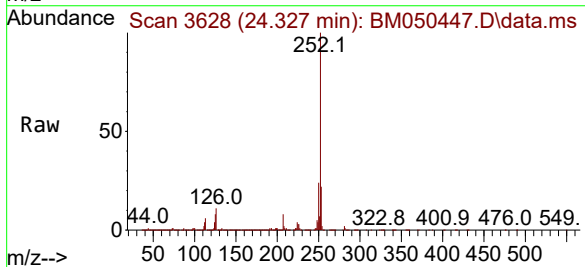
Tgt Ion:252 Resp: 7014038

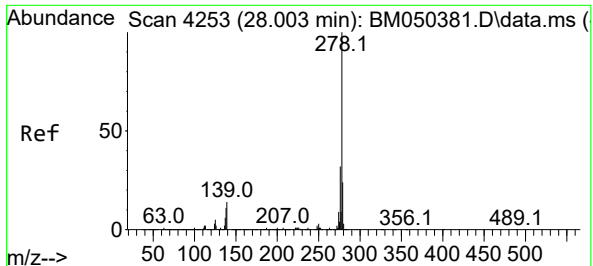
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.3 7.0 10.4

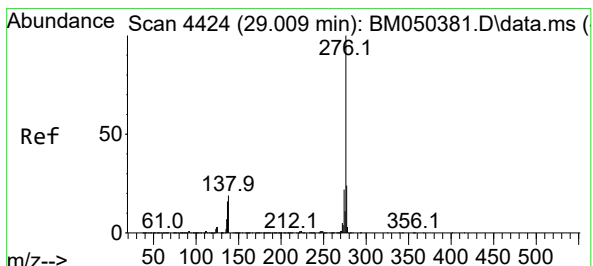
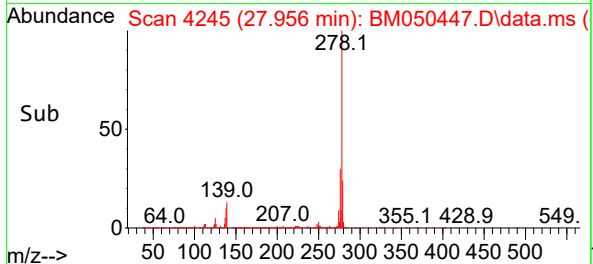
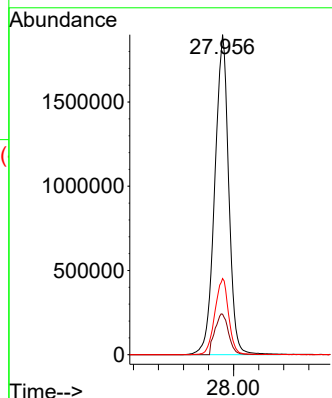
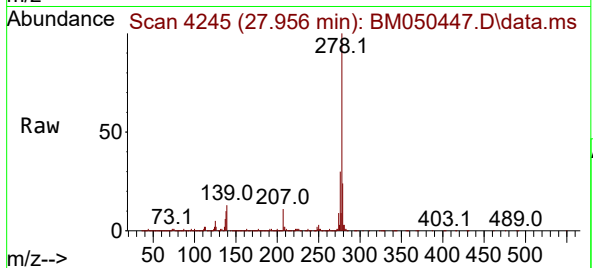




#91
Dibenzo(a,h)anthracene
Concen: 41.084 ng
RT: 27.956 min Scan# 4116
Delta R.T. -0.047 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

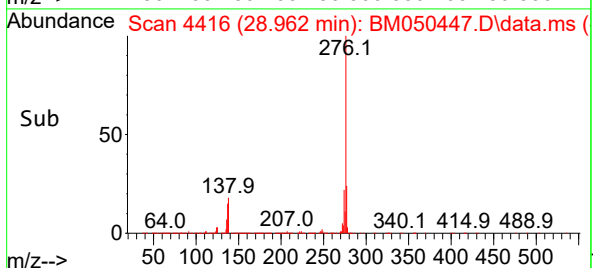
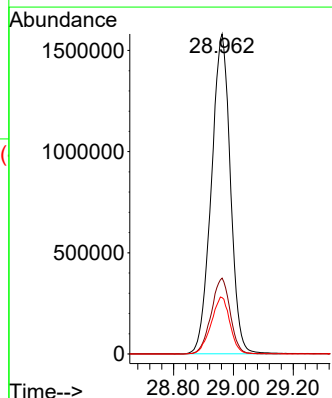
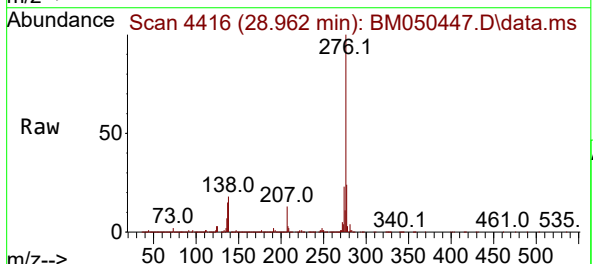
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7332991
Ion Ratio Lower Upper
278 100
139 12.6 10.8 16.2
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 41.321 ng
RT: 28.962 min Scan# 4416
Delta R.T. -0.047 min
Lab File: BM050447.D
Acq: 15 Jul 2025 09:30

Tgt Ion:276 Resp: 6970568
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.6 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	129	0.00
2	1,4-Dioxane	0.478	0.460	3.8	129	0.00
3	Pyridine	1.254	1.252	0.2	132	0.00
4	n-Nitrosodimethylamine	0.585	0.561	4.1	127	0.00
5 S	2-Fluorophenol	1.162	1.152	0.9	129	0.00
6	Aniline	1.880	1.924	-2.3	133	0.00
7 S	Phenol-d6	1.465	1.489	-1.6	132	0.00
8	2-Chlorophenol	1.225	1.255	-2.4	134	0.00
9	Benzaldehyde	0.871	0.968	-11.1	140	0.00
10 C	Phenol	1.528	1.538	-0.7	132	0.00
11	bis(2-Chloroethyl)ether	1.223	1.197	2.1	130	0.00
12	1,3-Dichlorobenzene	1.490	1.452	2.6	130	0.00
13 C	1,4-Dichlorobenzene	1.521	1.486	2.3	131	0.00
14	1,2-Dichlorobenzene	1.456	1.425	2.1	131	-0.01
15	Benzyl Alcohol	1.032	1.056	-2.3	134	0.00
16	2,2'-oxybis(1-Chloropropane	1.802	1.702	5.5	126	0.00
17	2-Methylphenol	0.991	1.000	-0.9	131	0.00
18	Hexachloroethane	0.535	0.515	3.7	128	0.00
19 P	n-Nitroso-di-n-propylamine	0.887	0.919	-3.6	131	0.00
20	3+4-Methylphenols	1.330	1.352	-1.7	132	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	129	0.00
22	Acetophenone	0.500	0.487	2.6	128	0.00
23 S	Nitrobenzene-d5	0.392	0.393	-0.3	129	-0.01
24	Nitrobenzene	0.350	0.346	1.1	129	0.00
25	Isophorone	0.636	0.640	-0.6	129	0.00
26 C	2-Nitrophenol	0.143	0.166	-16.1	146	-0.01
27	2,4-Dimethylphenol	0.303	0.308	-1.7	133	0.00
28	bis(2-Chloroethoxy)methane	0.422	0.414	1.9	128	0.00
29 C	2,4-Dichlorophenol	0.312	0.325	-4.2	135	0.00
30	1,2,4-Trichlorobenzene	0.373	0.375	-0.5	134	-0.01
31	Naphthalene	1.016	0.996	2.0	130	0.00
32	Benzoic acid	0.165	0.208	-26.1#	164#	0.00
33	4-Chloroaniline	0.429	0.443	-3.3	133	0.00
34 C	Hexachlorobutadiene	0.228	0.227	0.4	133	-0.01
35	Caprolactam	0.085	0.096	-12.9	143	0.00
36 C	4-Chloro-3-methylphenol	0.291	0.306	-5.2	134	0.00
37	2-Methylnaphthalene	0.641	0.651	-1.6	133	-0.01
38	1-Methylnaphthalene	0.679	0.685	-0.9	131	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	131	0.00
40	1,2,4,5-Tetrachlorobenzene	0.636	0.644	-1.3	136	-0.01
41 P	Hexachlorocyclopentadiene	0.407	0.407	0.0	135	-0.01
42 S	2,4,6-Tribromophenol	0.243	0.288	-18.5	152#	-0.01
43 C	2,4,6-Trichlorophenol	0.391	0.418	-6.9	139	-0.01
44	2,4,5-Trichlorophenol	0.428	0.462	-7.9	141	0.00
45 S	2-Fluorobiphenyl	1.620	1.586	2.1	131	-0.01
46	1,1'-Biphenyl	1.484	1.449	2.4	132	-0.01
47	2-Chloronaphthalene	1.183	1.163	1.7	133	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.264	0.289	-9.5	136	0.00
49	Acenaphthylene	1.788	1.792	-0.2	133	-0.01
50	Dimethylphthalate	1.377	1.382	-0.4	134	-0.01
51	2,6-Dinitrotoluene	0.264	0.293	-11.0	141	-0.01
52 C	Acenaphthene	1.137	1.137	0.0	135	-0.01
53	3-Nitroaniline	0.281	0.315	-12.1	141	0.00
54 P	2,4-Dinitrophenol	0.121	0.142	-17.4	160#	0.00
55	Dibenzofuran	1.751	1.724	1.5	133	-0.01
56 P	4-Nitrophenol	0.242	0.274	-13.2	147	0.00
57	2,4-Dinitrotoluene	0.350	0.405	-15.7	143	-0.01
58	Fluorene	1.443	1.442	0.1	133	-0.01
59	2,3,4,6-Tetrachlorophenol	0.360	0.403	-11.9	145	0.00
60	Diethylphthalate	1.315	1.328	-1.0	133	-0.01
61	4-Chlorophenyl-phenylether	0.754	0.762	-1.1	134	-0.01
62	4-Nitroaniline	0.288	0.329	-14.2	139	-0.01
63	Azobenzene	1.208	1.185	1.9	129	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	139	-0.01
65	4,6-Dinitro-2-methylphenol	0.095	0.110	-15.8	163#	0.00
66 c	n-Nitrosodiphenylamine	0.626	0.609	2.7	136	-0.01
67	4-Bromophenyl-phenylether	0.220	0.225	-2.3	143	-0.01
68	Hexachlorobenzene	0.260	0.267	-2.7	144	-0.01
69	Atrazine	0.206	0.218	-5.8	143	-0.01
70 C	Pentachlorophenol	0.162	0.178	-9.9	154#	0.00
71	Phenanthrene	1.132	1.103	2.6	139	-0.01
72	Anthracene	1.127	1.131	-0.4	141	-0.01
73	Carbazole	1.019	1.040	-2.1	143	0.00
74	Di-n-butylphthalate	1.116	1.148	-2.9	140	-0.02
75 C	Fluoranthene	1.230	1.307	-6.3	147	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	150	-0.02
77	Benzidine	0.510	0.449	12.0	122	-0.02
78	Pyrene	1.281	1.254	2.1	149	-0.01
79 S	Terphenyl-d14	1.137	1.065	6.3	127	-0.02
80	Butylbenzylphthalate	0.422	0.466	-10.4	158#	-0.02
81	Benzo(a)anthracene	1.303	1.318	-1.2	154#	-0.02
82	3,3'-Dichlorobenzidine	0.439	0.476	-8.4	166#	-0.02
83	Chrysene	1.229	1.233	-0.3	153#	-0.01
84	Bis(2-ethylhexyl)phthalate	0.670	0.718	-7.2	152#	-0.02
85 c	Di-n-octyl phthalate	1.050	1.199	-14.2	170#	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	162#	-0.03
87	Indeno(1,2,3-cd)pyrene	1.422	1.481	-4.1	169#	-0.04
88	Benzo(b)fluoranthene	1.230	1.224	0.5	161#	-0.03
89	Benzo(k)fluoranthene	1.276	1.261	1.2	162#	-0.03
90 C	Benzo(a)pyrene	1.152	1.177	-2.2	165#	-0.03
91	Dibenzo(a,h)anthracene	1.198	1.230	-2.7	167#	-0.05
92	Benzo(g,h,i)perylene	1.132	1.169	-3.3	169#	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050447.D
Acq On : 15 Jul 2025 09:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
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Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	129	0.00
2	1,4-Dioxane	40.000	38.484	3.8	129	0.00
3	Pyridine	40.000	39.914	0.2	132	0.00
4	n-Nitrosodimethylamine	40.000	38.363	4.1	127	0.00
5 S	2-Fluorophenol	80.000	79.301	0.9	129	0.00
6	Aniline	40.000	40.944	-2.4	133	0.00
7 S	Phenol-d6	80.000	81.322	-1.7	132	0.00
8	2-Chlorophenol	40.000	40.978	-2.4	134	0.00
9	Benzaldehyde	40.000	44.430	-11.1	140	0.00
10 C	Phenol	40.000	40.282	-0.7	132	0.00
11	bis(2-Chloroethyl)ether	40.000	39.145	2.1	130	0.00
12	1,3-Dichlorobenzene	40.000	38.984	2.5	130	0.00
13 C	1,4-Dichlorobenzene	40.000	39.072	2.3	131	0.00
14	1,2-Dichlorobenzene	40.000	39.145	2.1	131	-0.01
15	Benzyl Alcohol	40.000	40.929	-2.3	134	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.768	5.6	126	0.00
17	2-Methylphenol	40.000	40.368	-0.9	131	0.00
18	Hexachloroethane	40.000	38.540	3.7	128	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.449	-3.6	131	0.00
20	3+4-Methylphenols	40.000	40.661	-1.7	132	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	129	0.00
22	Acetophenone	40.000	38.962	2.6	128	0.00
23 S	Nitrobenzene-d5	80.000	80.158	-0.2	129	-0.01
24	Nitrobenzene	40.000	39.520	1.2	129	0.00
25	Isophorone	40.000	40.218	-0.5	129	0.00
26 C	2-Nitrophenol	40.000	46.603	-16.5	146	-0.01
27	2,4-Dimethylphenol	40.000	40.644	-1.6	133	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.244	1.9	128	0.00
29 C	2,4-Dichlorophenol	40.000	41.743	-4.4	135	0.00
30	1,2,4-Trichlorobenzene	40.000	40.191	-0.5	134	-0.01
31	Naphthalene	40.000	39.235	1.9	130	0.00
32	Benzoic acid	40.000	45.027	-12.6	164	0.00
33	4-Chloroaniline	40.000	41.217	-3.0	133	0.00
34 C	Hexachlorobutadiene	40.000	39.958	0.1	133	-0.01
35	Caprolactam	40.000	45.144	-12.9	143	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.122	-5.3	134	0.00
37	2-Methylnaphthalene	40.000	40.609	-1.5	133	-0.01
38	1-Methylnaphthalene	40.000	40.356	-0.9	131	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	131	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.520	-1.3	136	-0.01
41 P	Hexachlorocyclopentadiene	40.000	40.082	-0.2	135	-0.01
42 S	2,4,6-Tribromophenol	80.000	94.796	-18.5	152	-0.01
43 C	2,4,6-Trichlorophenol	40.000	42.672	-6.7	139	-0.01
44	2,4,5-Trichlorophenol	40.000	43.247	-8.1	141	0.00
45 S	2-Fluorobiphenyl	80.000	78.340	2.1	131	-0.01
46	1,1'-Biphenyl	40.000	39.072	2.3	132	-0.01
47	2-Chloronaphthalene	40.000	39.321	1.7	133	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050447.D
 Acq On : 15 Jul 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.703	-9.3	136	0.00
49	Acenaphthylene	40.000	40.096	-0.2	133	-0.01
50	Dimethylphthalate	40.000	40.153	-0.4	134	-0.01
51	2,6-Dinitrotoluene	40.000	44.315	-10.8	141	-0.01
52 C	Acenaphthene	40.000	40.026	-0.1	135	-0.01
53	3-Nitroaniline	40.000	44.757	-11.9	141	0.00
54 P	2,4-Dinitrophenol	40.000	42.260	-5.6	160	0.00
55	Dibenzofuran	40.000	39.379	1.6	133	-0.01
56 P	4-Nitrophenol	40.000	45.285	-13.2	147	0.00
57	2,4-Dinitrotoluene	40.000	41.369	-3.4	143	-0.01
58	Fluorene	40.000	39.972	0.1	133	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	44.735	-11.8	145	0.00
60	Diethylphthalate	40.000	40.379	-0.9	133	-0.01
61	4-Chlorophenyl-phenylether	40.000	40.408	-1.0	134	-0.01
62	4-Nitroaniline	40.000	41.132	-2.8	139	-0.01
63	Azobenzene	40.000	39.253	1.9	129	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	139	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	41.720	-4.3	163	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.931	2.7	136	-0.01
67	4-Bromophenyl-phenylether	40.000	40.821	-2.1	143	-0.01
68	Hexachlorobenzene	40.000	40.986	-2.5	144	-0.01
69	Atrazine	40.000	42.486	-6.2	143	-0.01
70 C	Pentachlorophenol	40.000	44.044	-10.1	154	0.00
71	Phenanthrene	40.000	38.975	2.6	139	-0.01
72	Anthracene	40.000	40.158	-0.4	141	-0.01
73	Carbazole	40.000	40.825	-2.1	143	0.00
74	Di-n-butylphthalate	40.000	41.158	-2.9	140	-0.02
75 C	Fluoranthene	40.000	42.496	-6.2	147	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	150	-0.02
77	Benzydine	40.000	35.235	11.9	122	-0.02
78	Pyrene	40.000	39.171	2.1	149	-0.01
79 S	Terphenyl-d14	80.000	74.946	6.3	127	-0.02
80	Butylbenzylphthalate	40.000	44.099	-10.2	158	-0.02
81	Benzo(a)anthracene	40.000	40.446	-1.1	154	-0.02
82	3,3'-Dichlorobenzidine	40.000	43.289	-8.2	166	-0.02
83	Chrysene	40.000	40.127	-0.3	153	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	42.858	-7.1	152	-0.02
85 c	Di-n-octyl phthalate	40.000	45.673	-14.2	170	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	162	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	41.667	-4.2	169	-0.04
88	Benzo(b)fluoranthene	40.000	39.784	0.5	161	-0.03
89	Benzo(k)fluoranthene	40.000	39.529	1.2	162	-0.03
90 C	Benzo(a)pyrene	40.000	40.865	-2.2	165	-0.03
91	Dibenzo(a,h)anthracene	40.000	41.084	-2.7	167	-0.05
92	Benzo(g,h,i)perylene	40.000	41.321	-3.3	169	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050447.D
Acq On : 15 Jul 2025 09:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 15 10:52:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



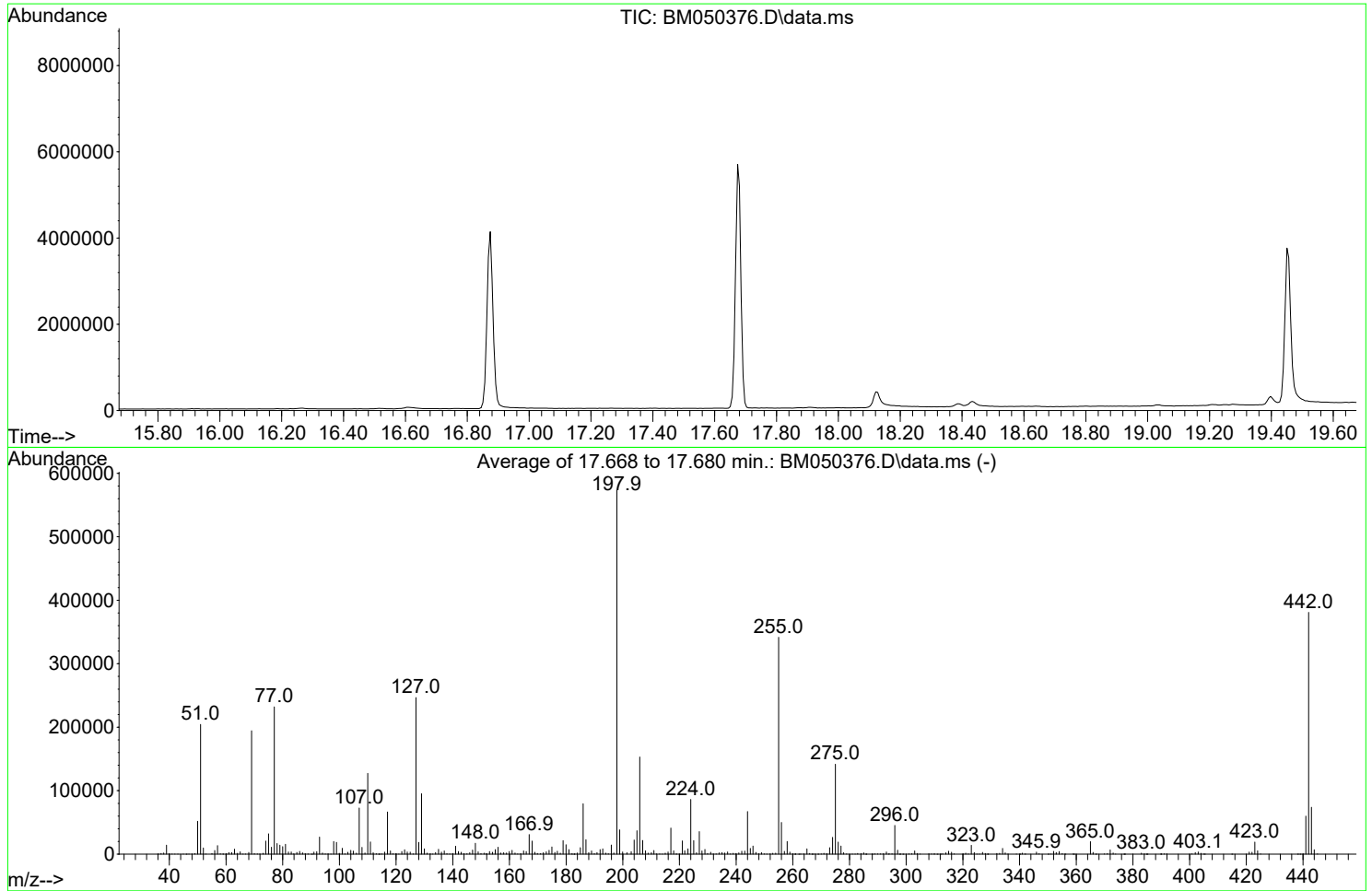
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	2822	PASS
69	69	100	100	100.0	194463	PASS
70	69	0.00	2	0.5	943	PASS
197	198	0.00	2	0.3	1831	PASS
198	198	100	100	100.0	573141	PASS
199	198	5	9	6.7	38261	PASS
365	198	1	100	3.4	19723	PASS
441	443	0.01	150	81.4	60059	PASS
442	442	100	100	100.0	380992	PASS
443	442	15	24	19.4	73781	PASS

DDT Breakdown

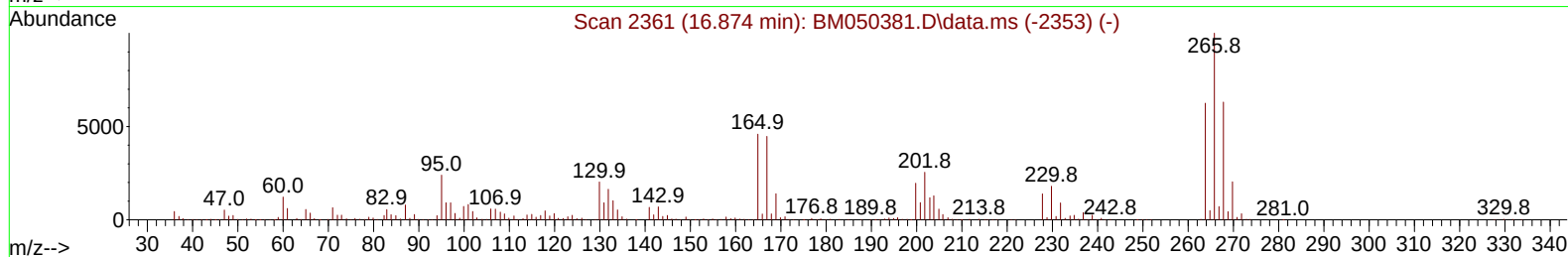
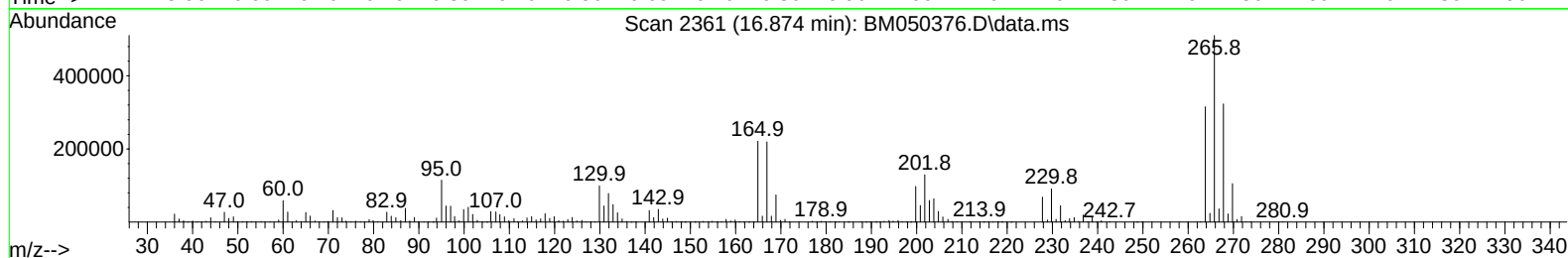
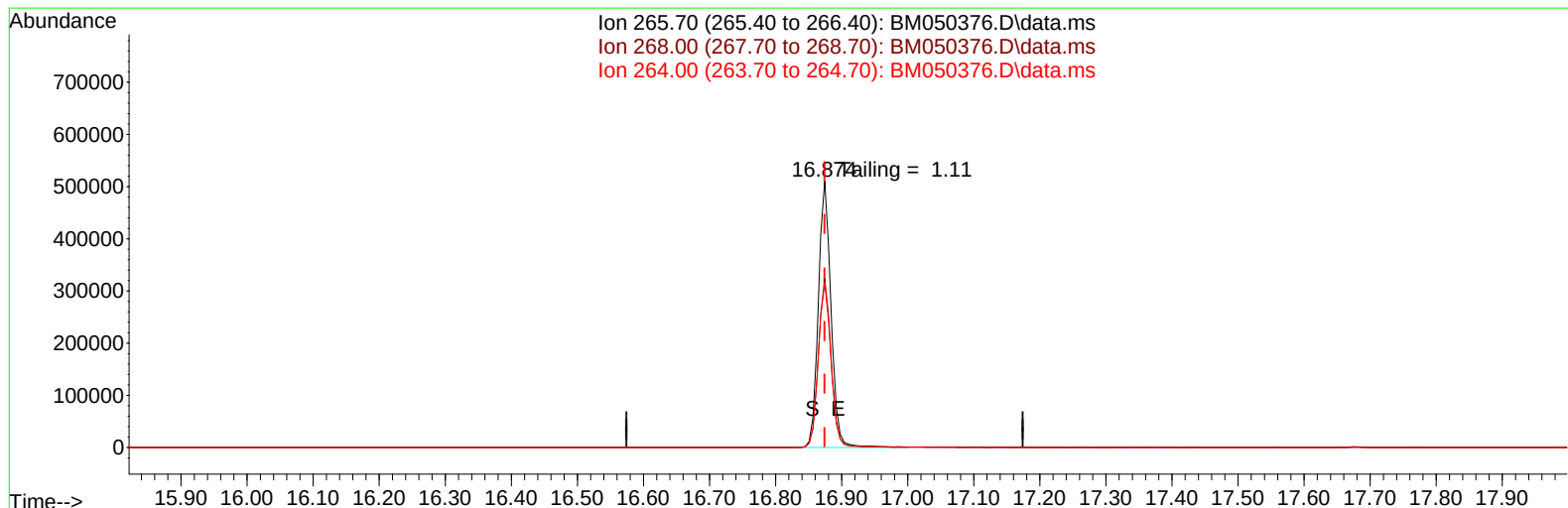
Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_M	<u>BM050376.D</u>
Compound Name	Response	Retention Time
DDT	1842274	20.692
DDD	18107	20.309
DDE	1079	19.75
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19186	1861460	1.03

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration



TIC: BM050376.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 0.00 ng

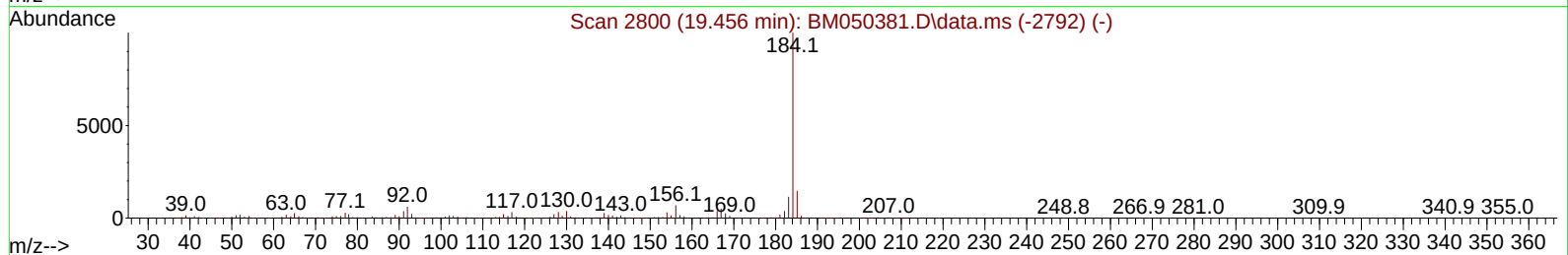
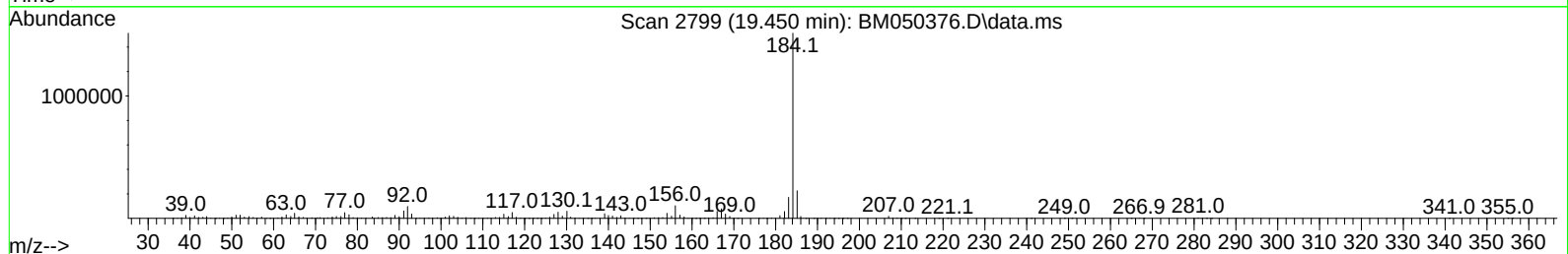
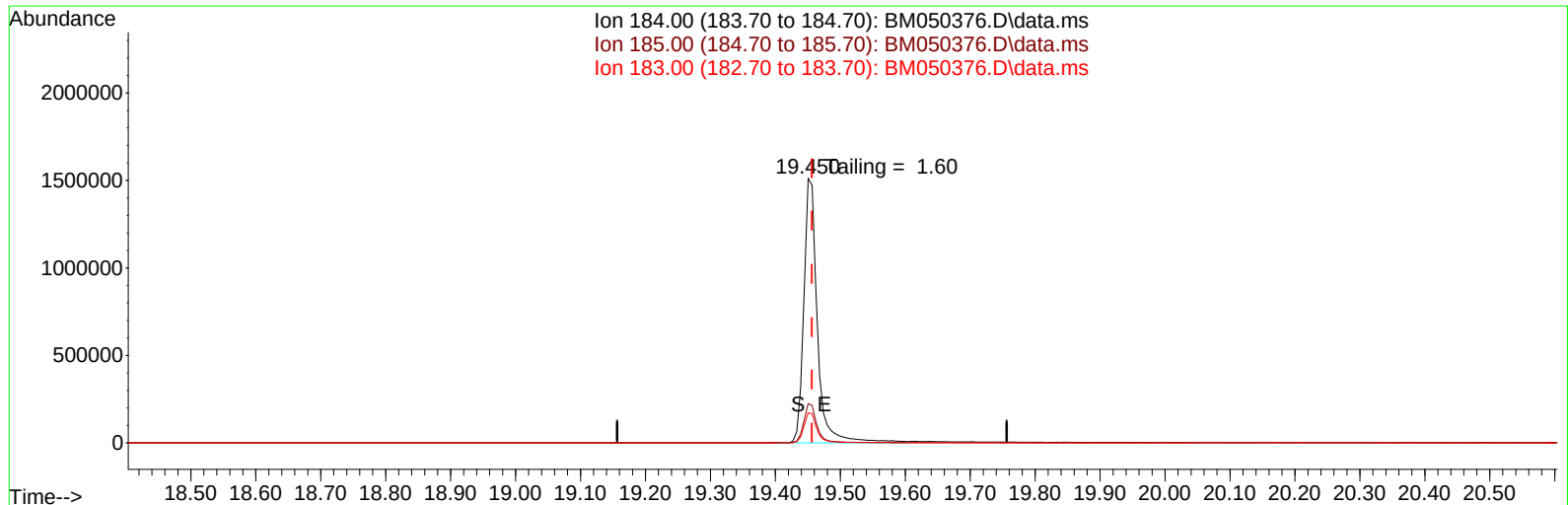
response 680595

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.37
264.00	62.40	61.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration



TIC: BM050376.D\data.ms

(77) Benzidine

19.450min (-0.006) 78341.13 ng

response 2201890

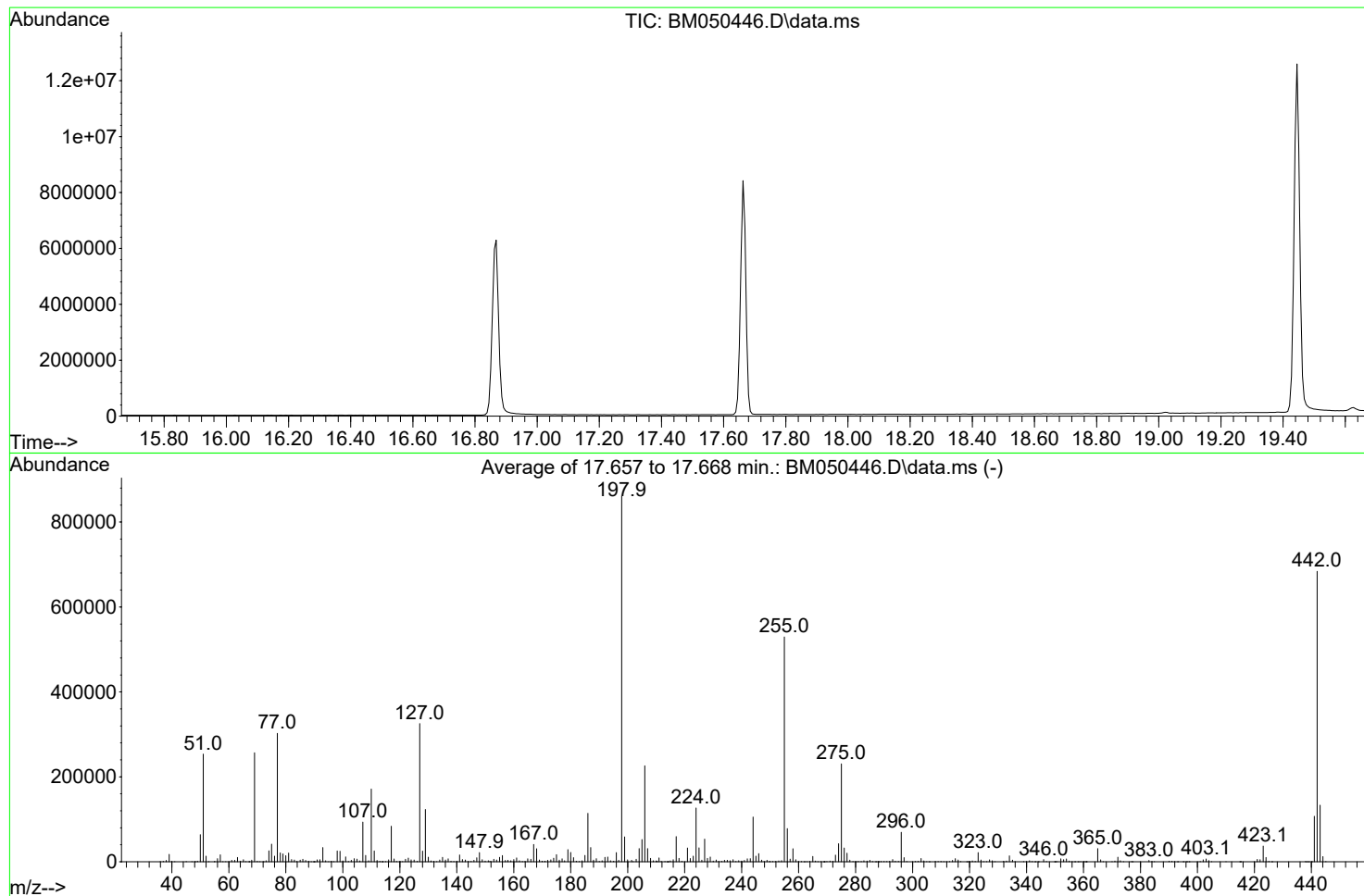
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.87
183.00	11.30	11.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050446.D
Acq On : 15 Jul 2025 08:11
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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2486

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	3993	PASS
69	69	100	100	100.0	256824	PASS
70	69	0.00	2	0.5	1237	PASS
197	198	0.00	2	0.4	3574	PASS
198	198	100	100	100.0	860736	PASS
199	198	5	9	6.8	58565	PASS
365	198	1	100	3.6	30960	PASS
441	443	0.01	150	80.3	107000	PASS
442	442	100	100	100.0	683861	PASS
443	442	15	24	19.5	133181	PASS

DDT Breakdown

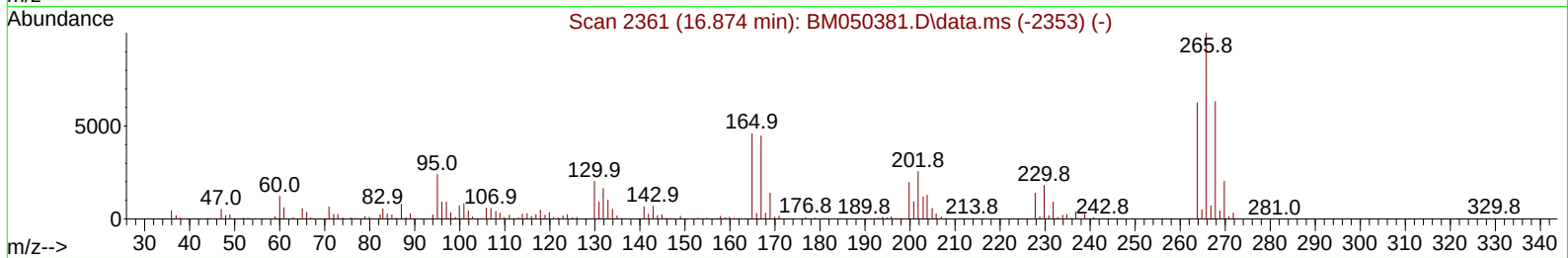
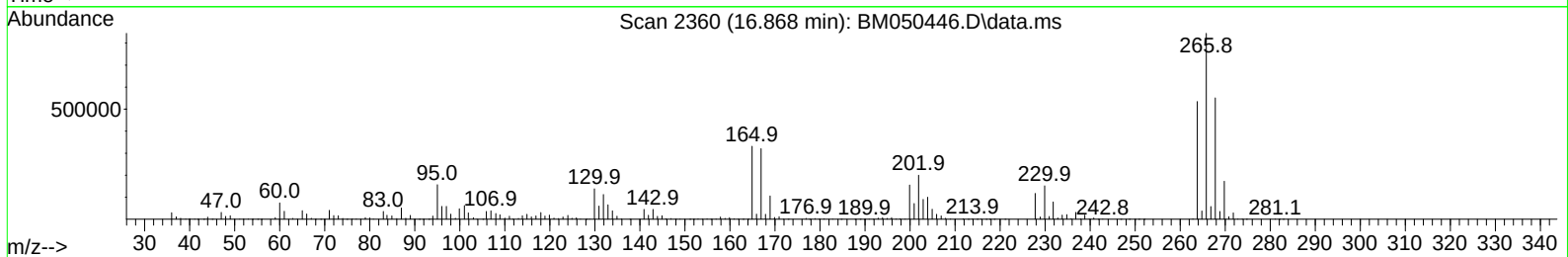
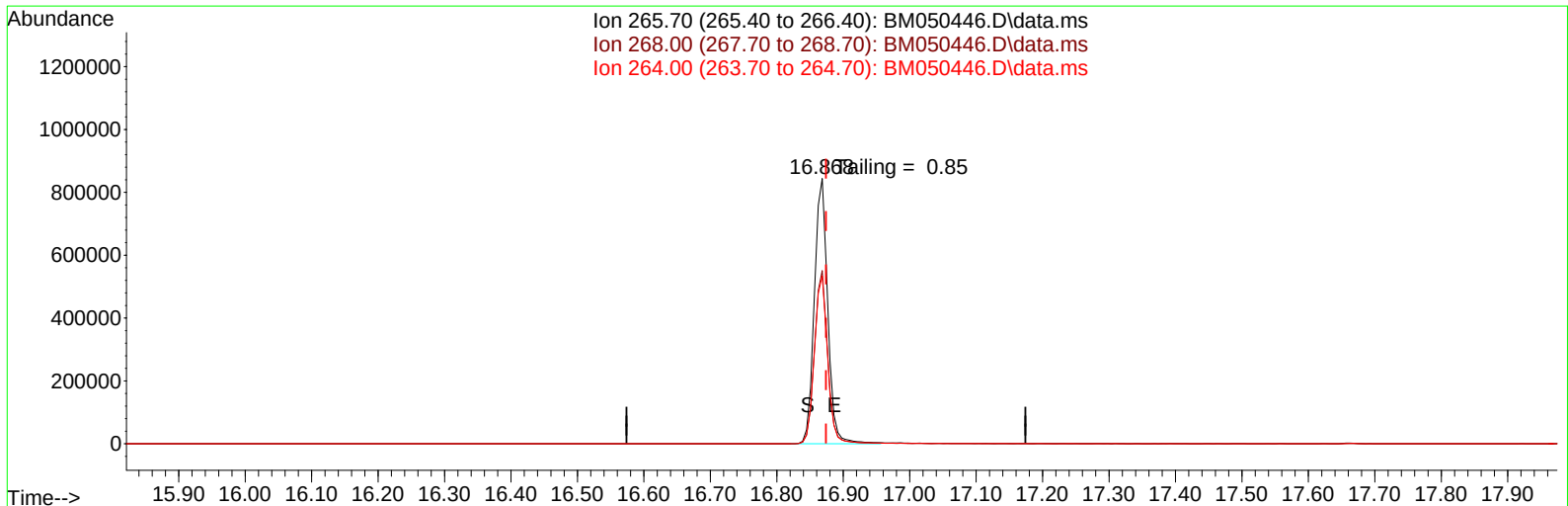
Date	Instrument Name	DFTPP Data File
7/15/2025	BNA_M	<u>BM050446.D</u>
Compound Name	Response	Retention Time
DDT	3019774	20.68
DDD	73691	20.239
DDE	2559	19.745
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
76250	3096024	2.46

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050446.D
Acq On : 15 Jul 2025 08:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 15 10:52:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



TIC: BM050446.D\data.ms

(70) Pentachlorophenol (C)

16.868min (-0.006) 502476.02 ng

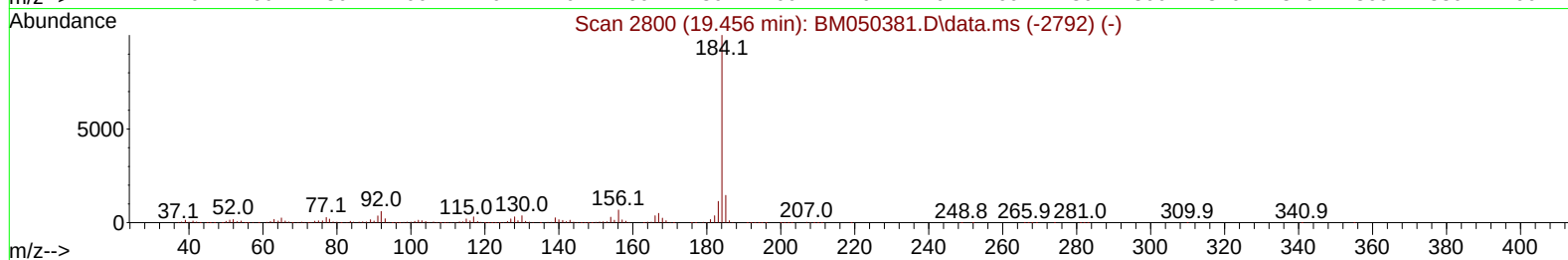
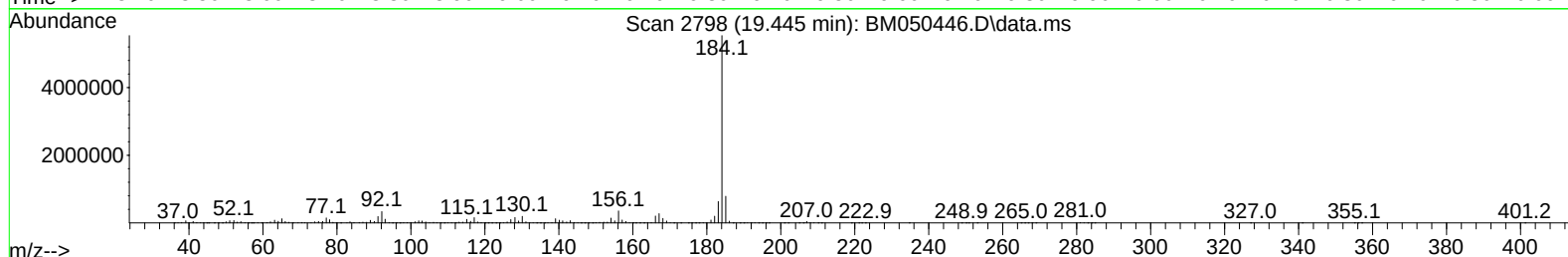
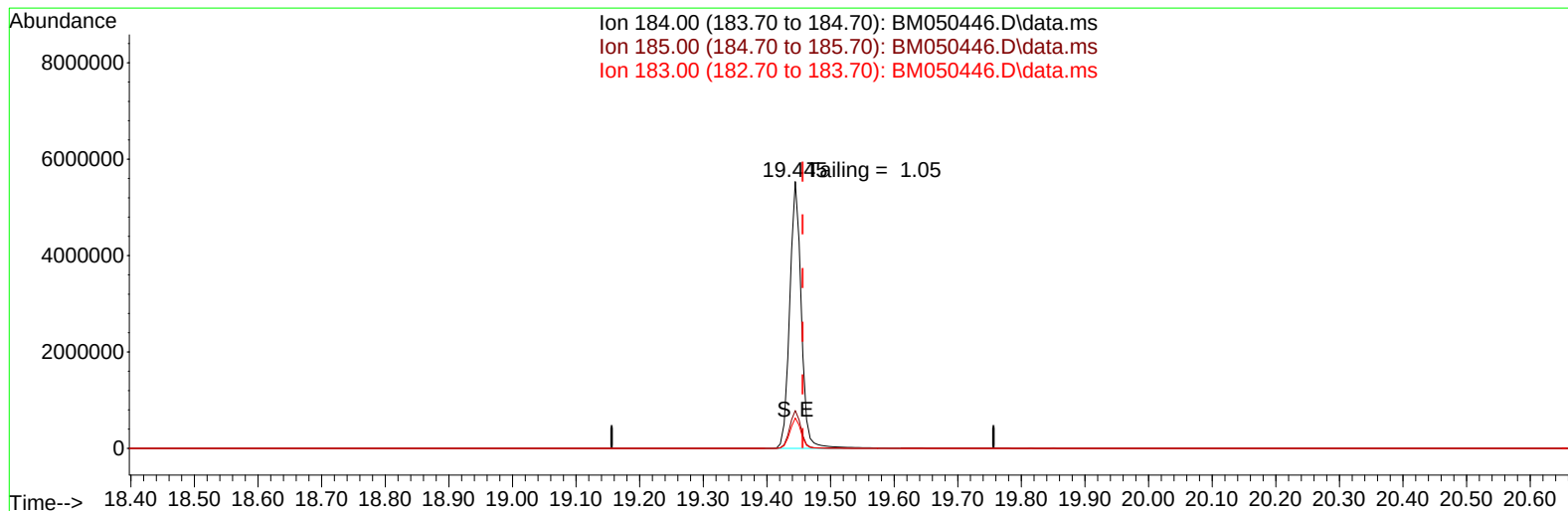
response 1184472

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	65.29
264.00	62.40	63.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050446.D
Acq On : 15 Jul 2025 08:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 15 10:52:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



TIC: BM050446.D\data.ms

(77) Benzidine

19.445min (-0.012) 90011.87 ng

response 7016203

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.20
183.00	11.30	11.39
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168845BL	SDG No.:	Q2579
Lab Sample ID:	PB168845BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050448.D	1	07/14/25 10:40	07/15/25 10:10	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.0013	U	0.0013	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.00053	U	0.00053	0.0050	mg/L
95-48-7	2-Methylphenol	0.0011	U	0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.0011	U	0.0011	0.010	mg/L
67-72-1	Hexachloroethane	0.00065	U	0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.00076	U	0.00076	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.00054	U	0.00054	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.00051	U	0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.00062	U	0.00062	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.0012	U	0.0012	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.00052	U	0.00052	0.0050	mg/L
87-86-5	Pentachlorophenol	0.0016	U	0.0016	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	126		15 (10) - 110 (134)	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.4		30 (67) - 130 (132)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.7		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		15 (44) - 110 (137)	94%	SPK: 150
1718-51-0	Terphenyl-d14	85.4		30 (42) - 130 (152)	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	523000	7.857			
1146-65-2	Naphthalene-d8	1860000	10.651			
15067-26-2	Acenaphthene-d10	1150000	14.48			
1517-22-2	Phenanthrene-d10	2190000	17.215			
1719-03-5	Chrysene-d12	2230000	21.433			
1520-96-3	Perylene-d12	2520000	24.468			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	PB168845BL		SDG No.:	Q2579
Lab Sample ID:	PB168845BL		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050448.D	1	07/14/25 10:40	07/15/25 10:10	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050448.D
Acq On : 15 Jul 2025 10:10
Operator : RC/JU
Sample : PB168845BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Quant Time: Jul 15 10:53:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	523100	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1859188	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1153910	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2194023	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2232959	20.000	ng	-0.02
86) Perylene-d12	24.468	264	2515738	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3946471	129.863	ng	0.00
7) Phenol-d6	7.022	99	4832536	126.145	ng	0.00
23) Nitrobenzene-d5	9.010	82	2858462	78.439	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	1972178	140.668	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7350571	78.667	ng	-0.01
79) Terphenyl-d14	19.827	244	10843091	85.438	ng	-0.02

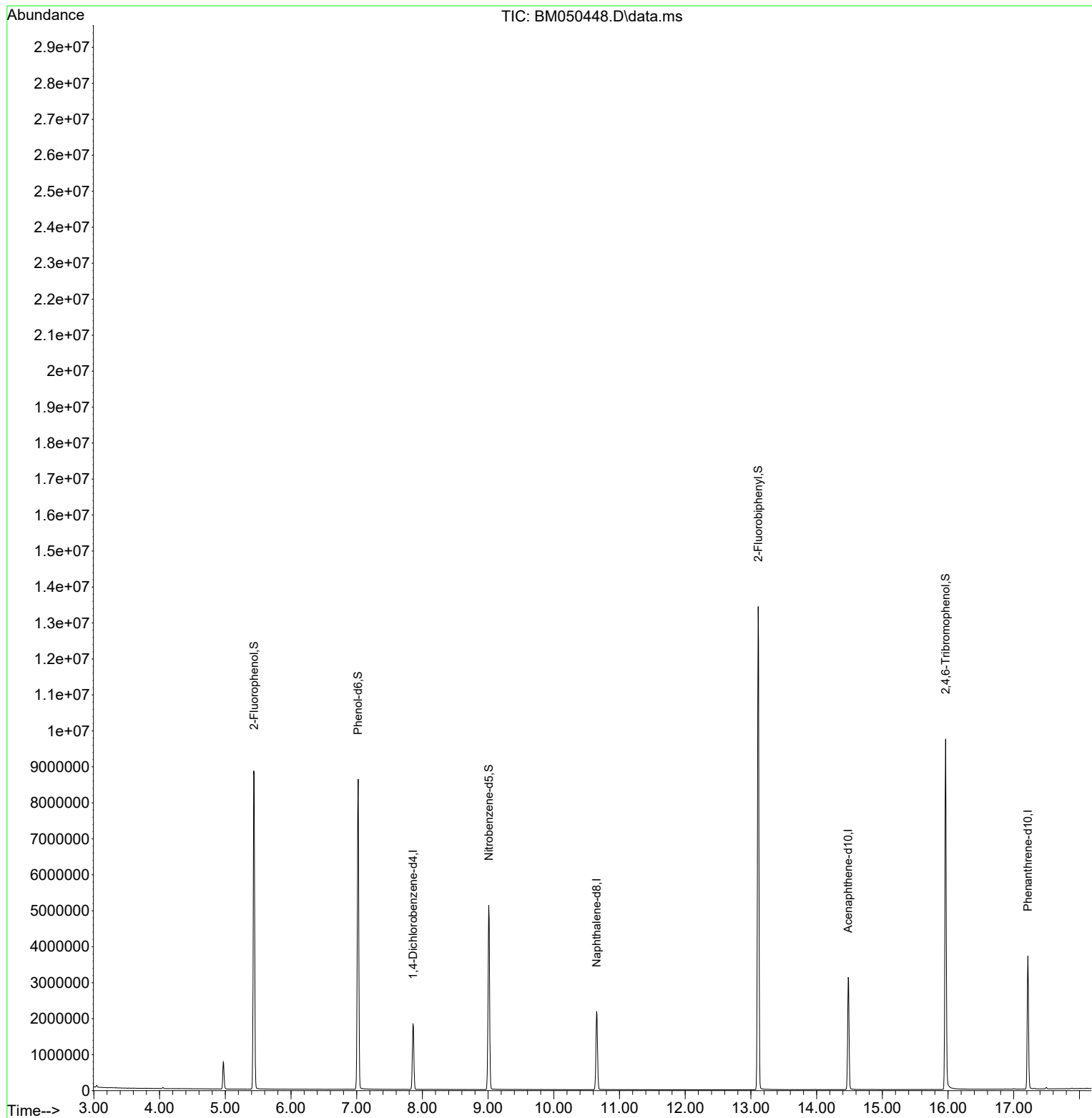
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050448.D
Acq On : 15 Jul 2025 10:10
Operator : RC/JU
Sample : PB168845BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BL

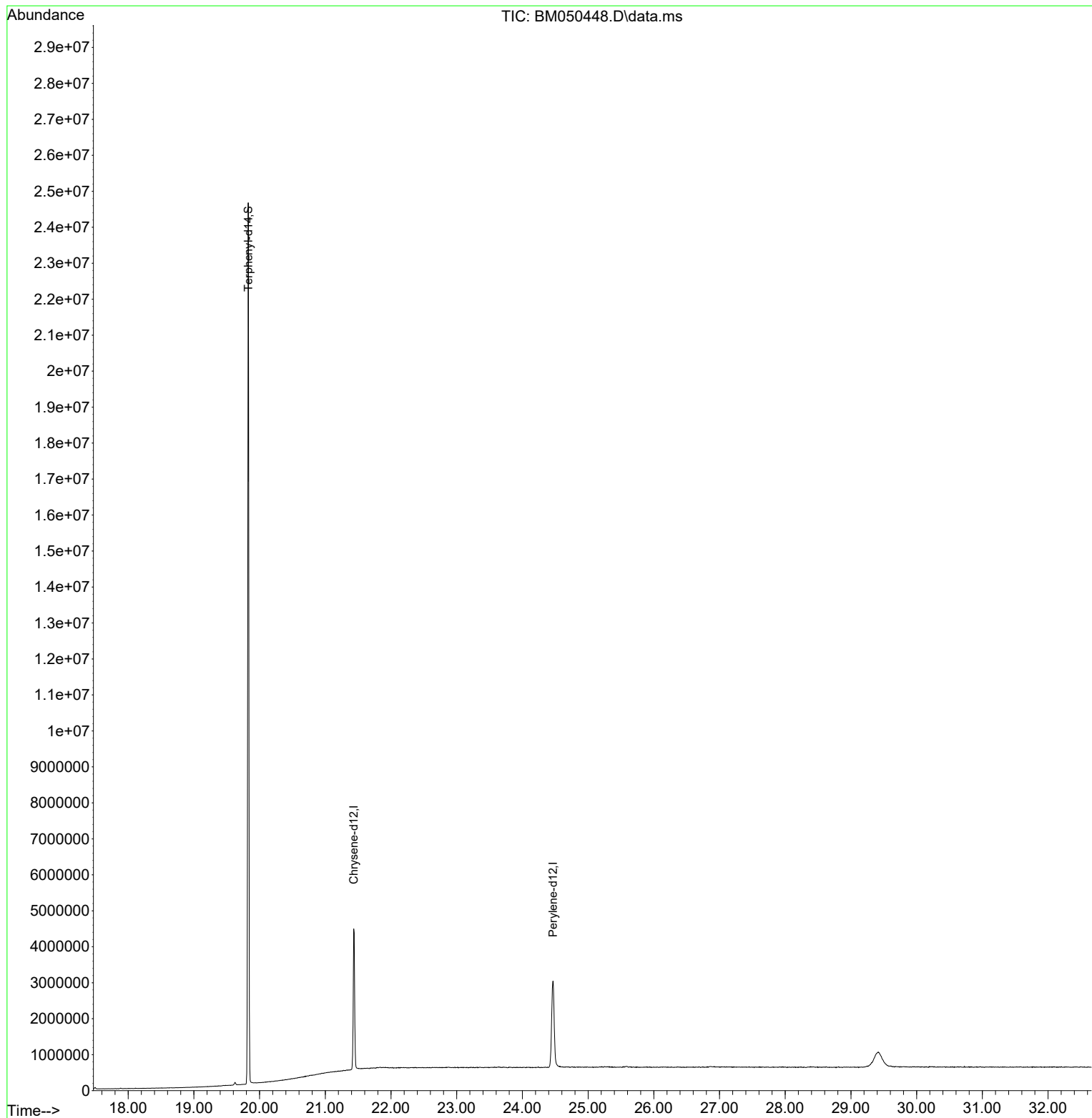
Quant Time: Jul 15 10:53:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

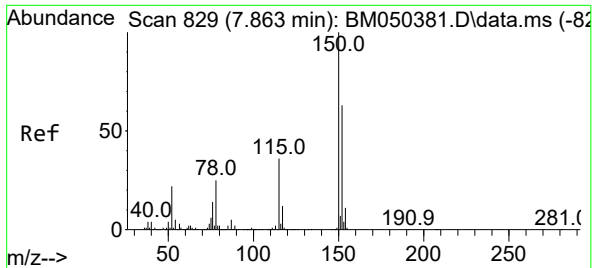


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050448.D
Acq On : 15 Jul 2025 10:10
Operator : RC/JU
Sample : PB168845BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BL

Quant Time: Jul 15 10:53:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

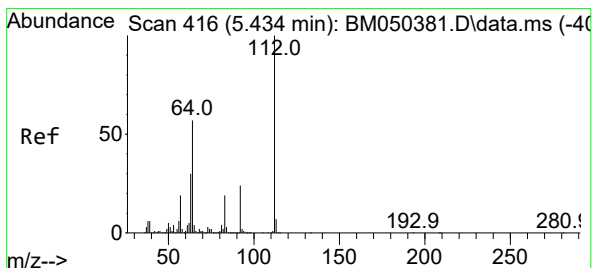
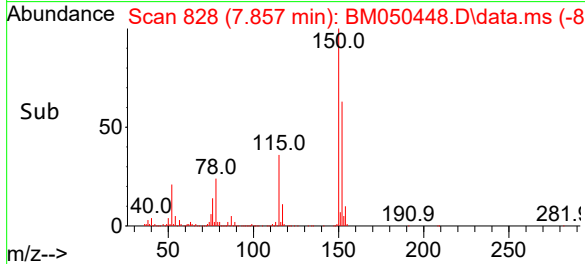
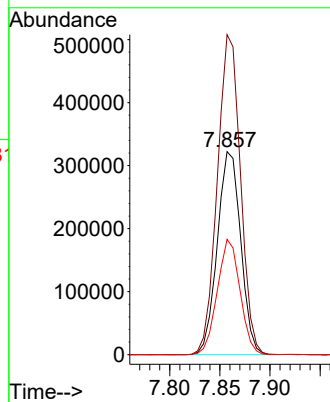
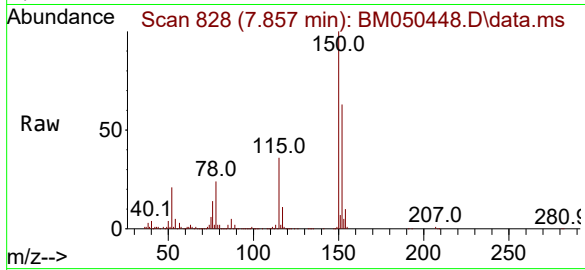




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

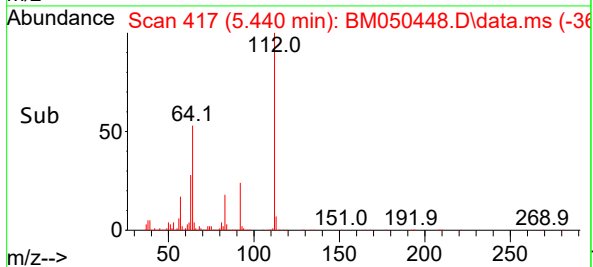
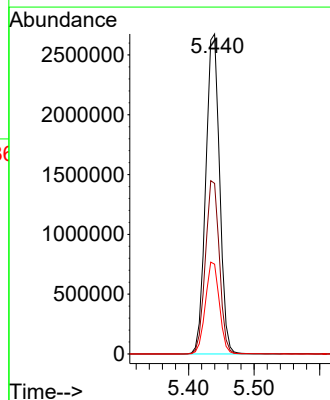
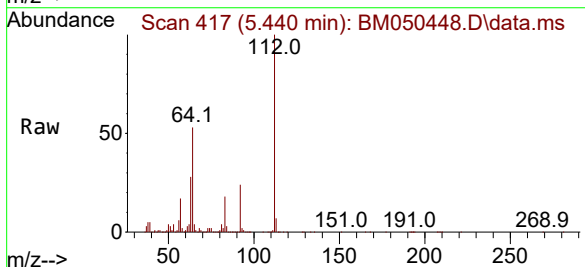
Instrument :
BNA_M
ClientSampleId :
PB168845BL

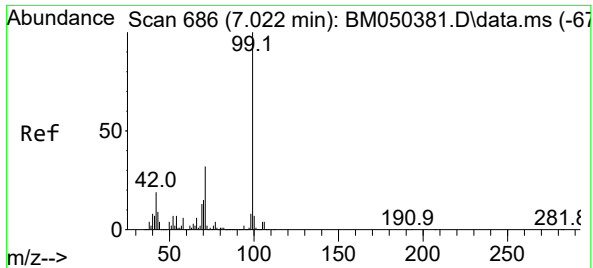
Tgt Ion:152 Resp: 523100
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.4
115 56.8 45.8 68.8



#5
2-Fluorophenol
Concen: 129.863 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:112 Resp: 3946471
Ion Ratio Lower Upper
112 100
64 53.3 45.5 68.3
63 28.1 24.2 36.4

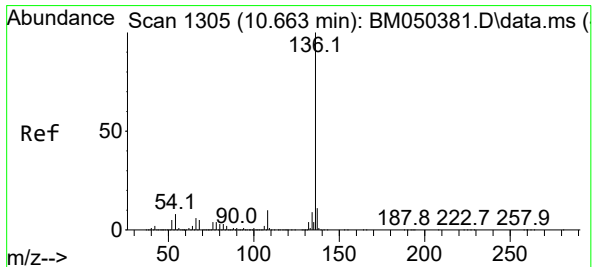
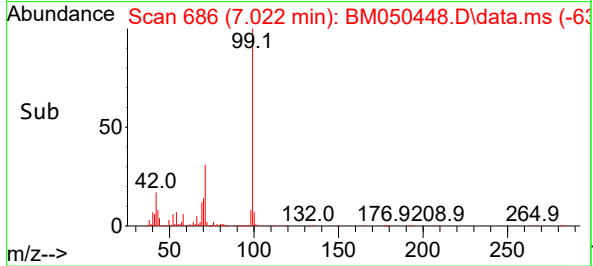
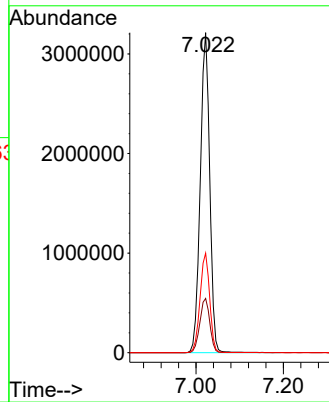
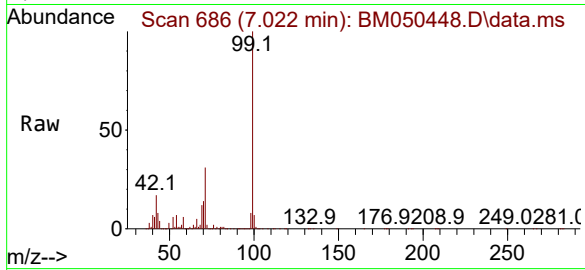




#7
Phenol-d6
Concen: 126.145 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

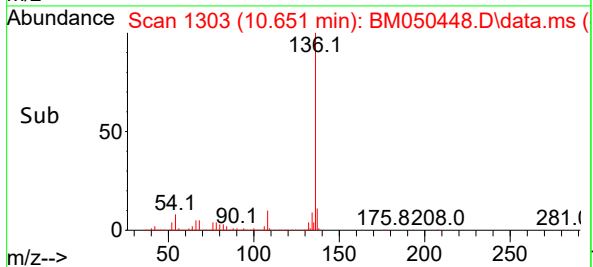
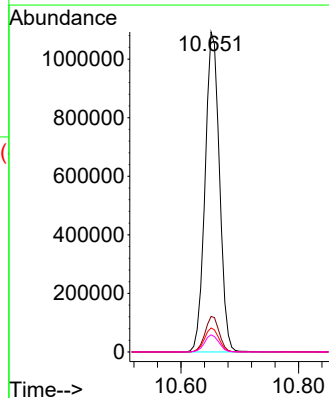
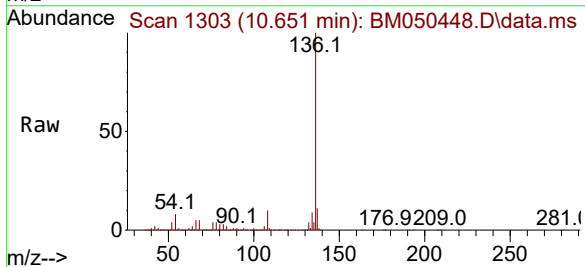
Instrument :
BNA_M
ClientSampleId :
PB168845BL

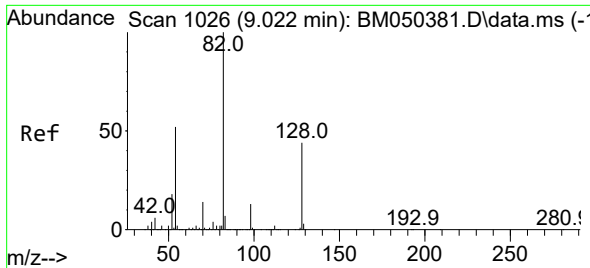
Tgt Ion: 99 Resp: 4832536
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 31.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion: 136 Resp: 1859188
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.3 9.5
68 5.4 4.2 6.2

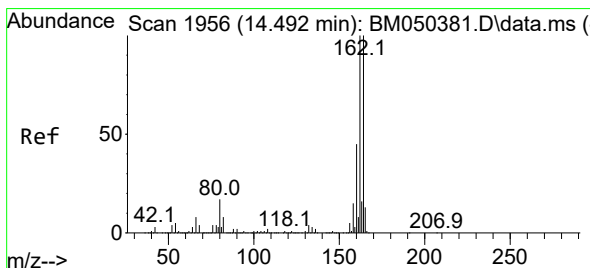
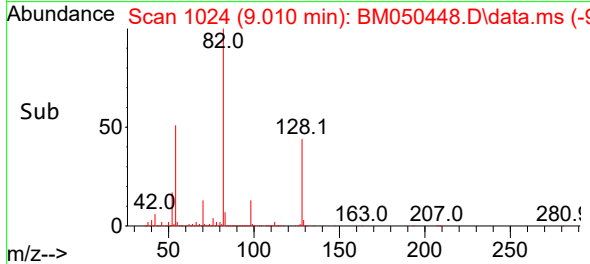
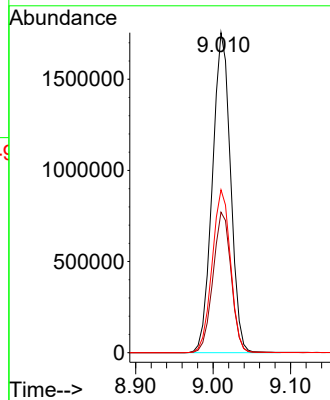
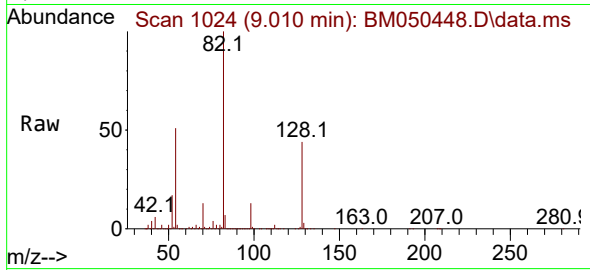




#23
Nitrobenzene-d5
Concen: 78.439 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

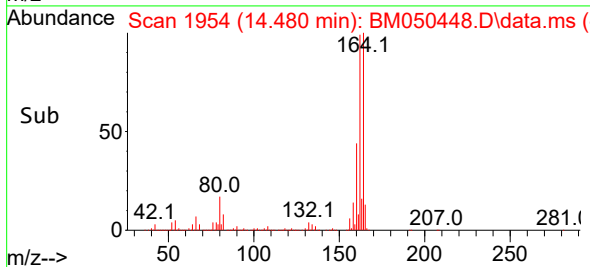
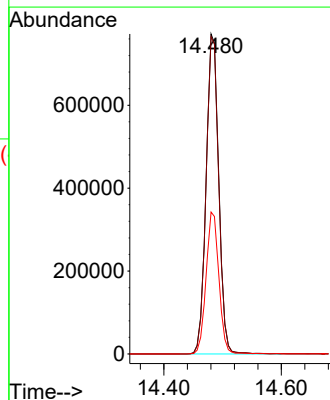
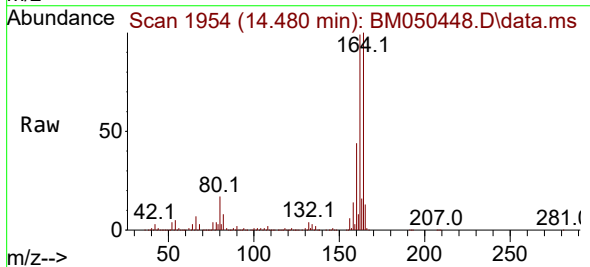
Instrument :
BNA_M
ClientSampleId :
PB168845BL

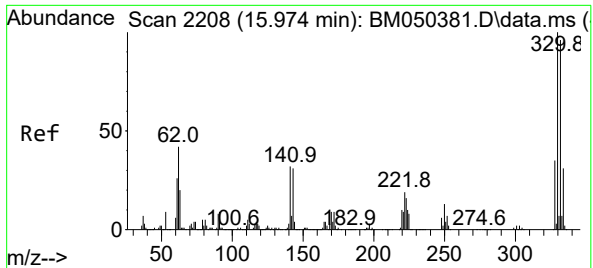
Tgt Ion: 82 Resp: 2858462
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.9 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

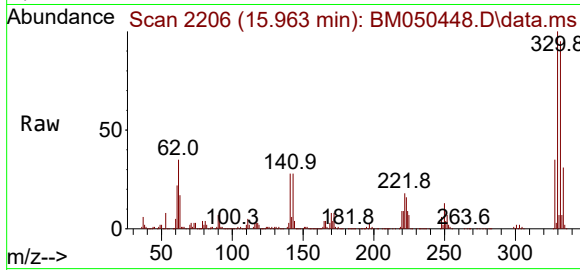
Tgt Ion:164 Resp: 1153910
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 44.3 36.2 54.4



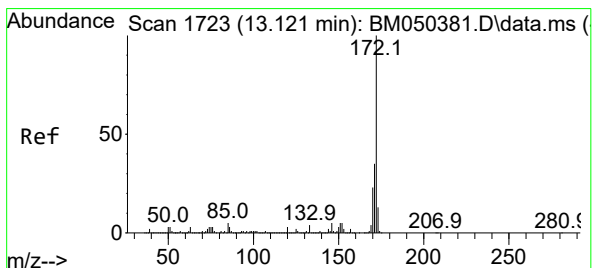
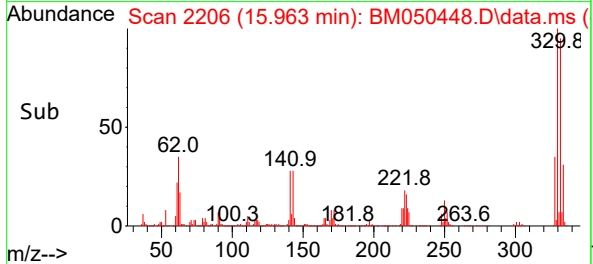
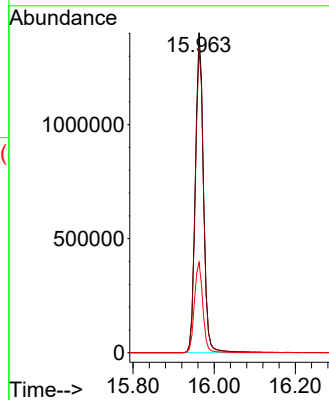


#42
2,4,6-Tribromophenol
Concen: 140.668 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Instrument :
BNA_M
ClientSampleId :
PB168845BL

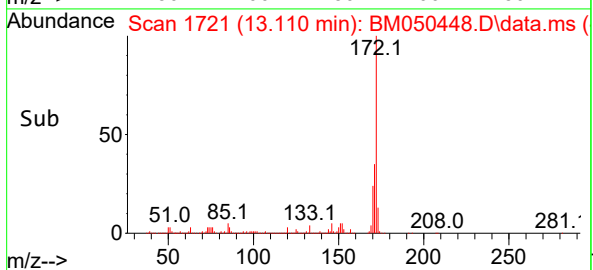
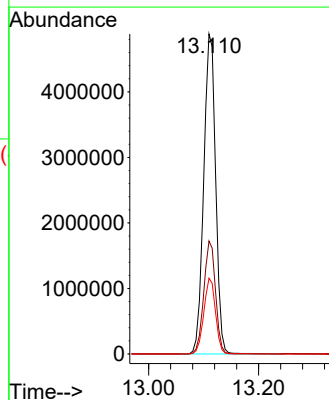
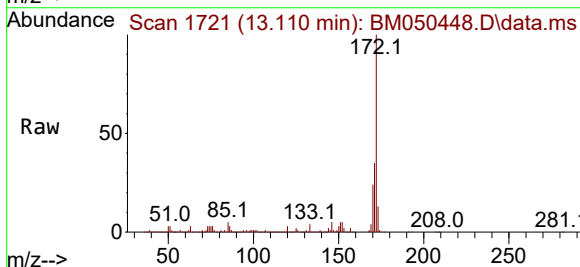


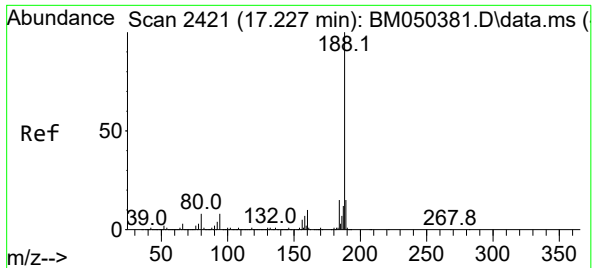
Tgt Ion:330 Resp: 1972178
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 29.2 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 78.667 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:172 Resp: 7350571
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.6 18.8 28.2

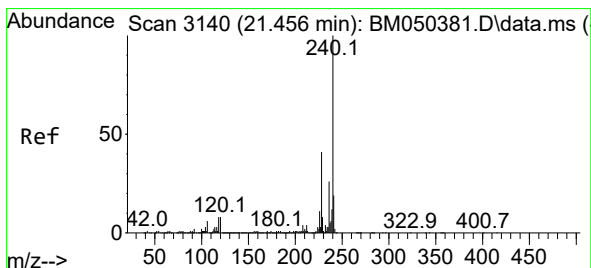
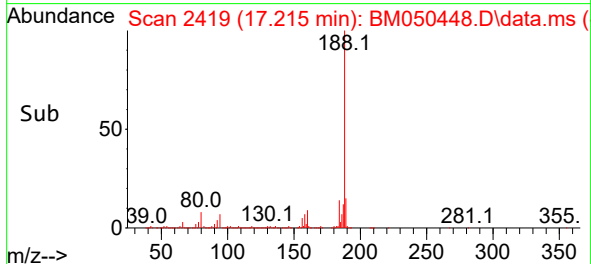
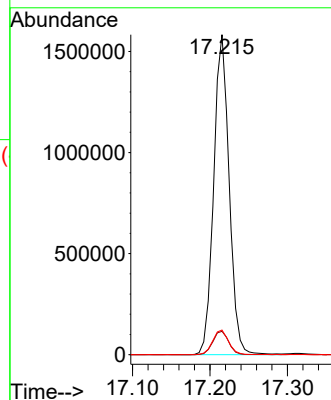
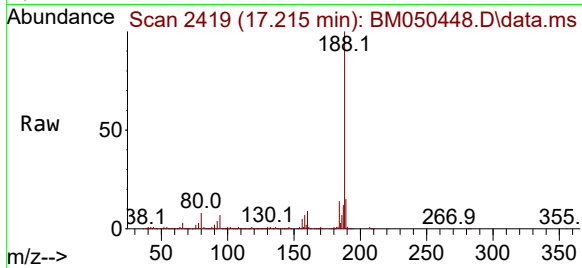




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

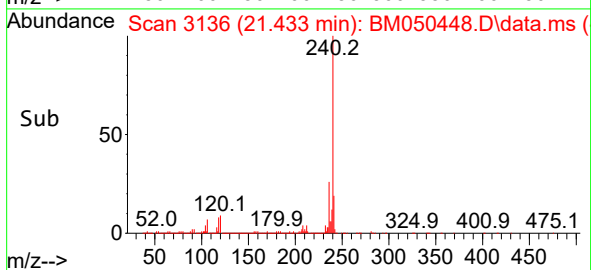
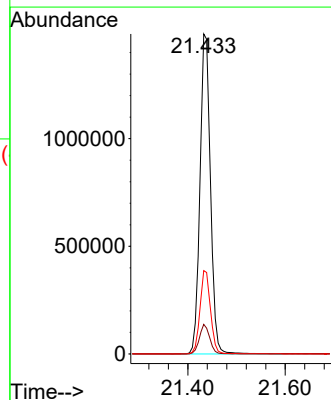
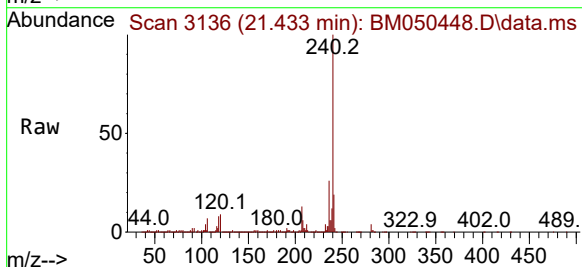
Instrument :
BNA_M
ClientSampleId :
PB168845BL

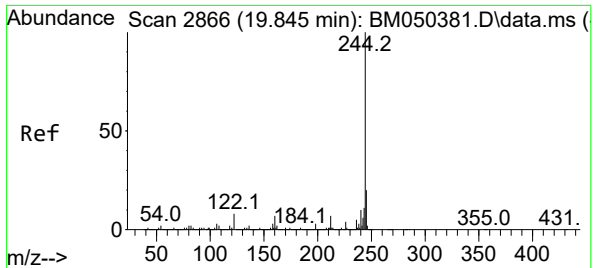
Tgt Ion:188 Resp: 2194023
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.7 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:240 Resp: 2232959
Ion Ratio Lower Upper
240 100
120 9.3 6.7 10.1
236 26.1 20.7 31.1

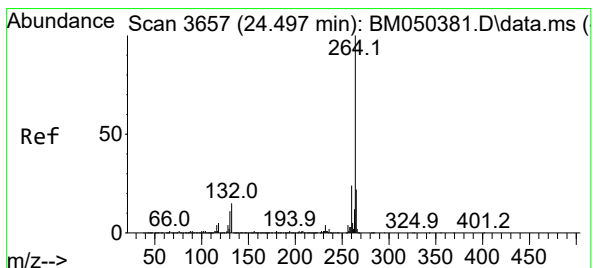
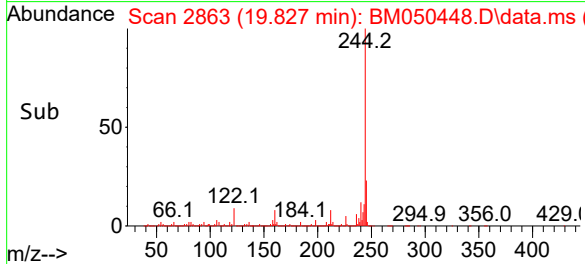
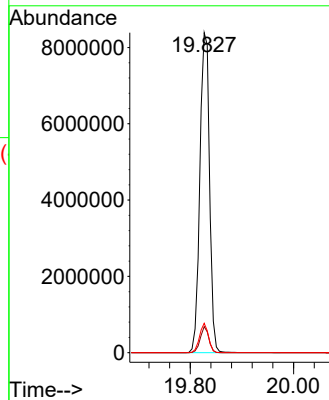
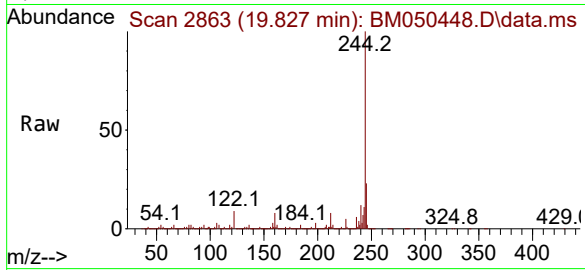




#79
Terphenyl-d14
Concen: 85.438 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

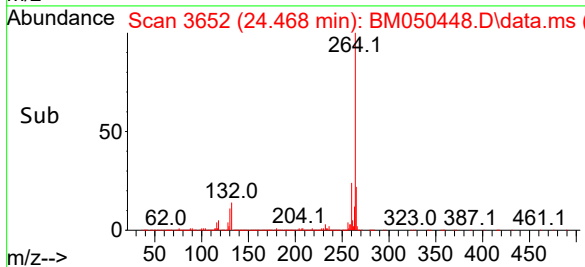
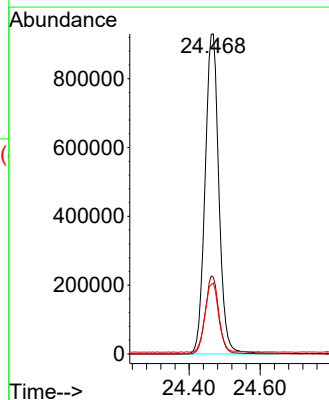
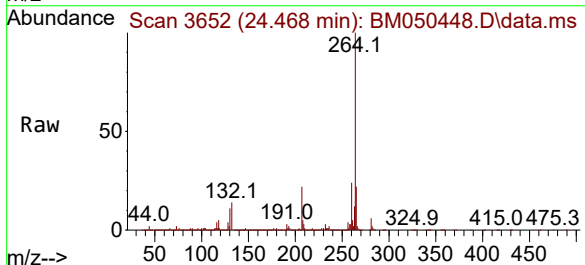
Instrument :
BNA_M
ClientSampleId :
PB168845BL

Tgt Ion:244 Resp:10843091
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.2 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050448.D
Acq: 15 Jul 2025 10:10

Tgt Ion:264 Resp: 2515738
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.8 26.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168845BS	SDG No.:	Q2579
Lab Sample ID:	PB168845BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050449.D	1	07/14/25 10:40	07/15/25 10:50	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.039		0.0013	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.043		0.00053	0.0050	mg/L
95-48-7	2-Methylphenol	0.045		0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.045		0.0011	0.010	mg/L
67-72-1	Hexachloroethane	0.042		0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.044		0.00076	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.044		0.00054	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.049		0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.049		0.00062	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.046		0.0012	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.047		0.00052	0.0050	mg/L
87-86-5	Pentachlorophenol	0.11	E	0.0016	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.6		30 (67) - 130 (132)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	99%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	520000	7.857			
1146-65-2	Naphthalene-d8	1920000	10.651			
15067-26-2	Acenaphthene-d10	1200000	14.486			
1517-22-2	Phenanthrene-d10	2290000	17.215			
1719-03-5	Chrysene-d12	2520000	21.439			
1520-96-3	Perylene-d12	2660000	24.468			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168845BS	SDG No.:	Q2579
Lab Sample ID:	PB168845BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050449.D	1	07/14/25 10:40	07/15/25 10:50	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050449.D
 Acq On : 15 Jul 2025 10:50
 Operator : RC/JU
 Sample : PB168845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168845BS

Quant Time: Jul 15 11:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	519871	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1924110	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1201064	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2288993	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2517966	20.000	ng	-0.02
86) Perylene-d12	24.468	264	2659539	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3935585	130.309	ng	0.00
7) Phenol-d6	7.022	99	4896573	128.611	ng	0.00
23) Nitrobenzene-d5	9.010	82	2925064	77.559	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	2175692	149.091	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	7596668	78.109	ng	-0.01
79) Terphenyl-d14	19.827	244	11484944	80.252	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	447107	36.002	ng	99
3) Pyridine	3.734	79	1268711	38.912	ng	98
4) n-Nitrosodimethylamine	3.634	42	631419	41.541	ng	98
6) Aniline	7.181	93	1535788	31.432	ng	99
8) 2-Chlorophenol	7.428	128	1486998	46.693	ng	97
9) Benzaldehyde	6.993	77	894959	39.516	ng	99
10) Phenol	7.051	94	1827741	46.027	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	1359519	42.750	ng	99
12) 1,3-Dichlorobenzene	7.751	146	1652741	42.680	ng	98
13) 1,4-Dichlorobenzene	7.892	146	1681552	42.527	ng	99
14) 1,2-Dichlorobenzene	8.210	146	1619823	42.790	ng	99
15) Benzyl Alcohol	8.092	79	1188610	44.308	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1945209	41.526	ng	99
17) 2-Methylphenol	8.298	107	1163370	45.170	ng	98
18) Hexachloroethane	8.945	117	590114	42.435	ng	96
19) n-Nitroso-di-n-propyla...	8.669	70	1005653	43.602	ng	96
20) 3+4-Methylphenols	8.622	107	1551833	44.883	ng	99
22) Acetophenone	8.681	105	2077632	43.187	ng	# 97
24) Nitrobenzene	9.057	77	1489939	44.272	ng	97
25) Isophorone	9.586	82	2666404	43.570	ng	99
26) 2-Nitrophenol	9.763	139	712891	51.974	ng	96
27) 2,4-Dimethylphenol	9.828	122	1344519	46.066	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	1772191	43.702	ng	100
29) 2,4-Dichlorophenol	10.298	162	1433985	47.823	ng	98
30) 1,2,4-Trichlorobenzene	10.516	180	1599191	44.582	ng	99
31) Naphthalene	10.704	128	4253199	43.519	ng	100
32) Benzoic acid	9.951	122	867267	48.359	ng	98
33) 4-Chloroaniline	10.804	127	811458	19.640	ng	98
34) Hexachlorobutadiene	10.998	225	965588	44.104	ng	100
35) Caprolactam	11.586	113	374144	45.708	ng	92
36) 4-Chloro-3-methylphenol	11.927	107	1292667	46.165	ng	98
37) 2-Methylnaphthalene	12.310	142	2776070	44.987	ng	98
38) 1-Methylnaphthalene	12.533	142	2893477	44.307	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1813427	47.478	ng	99
41) Hexachlorocyclopentadiene	12.669	237	2488427	101.923	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	1149877	48.909	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050449.D
 Acq On : 15 Jul 2025 10:50
 Operator : RC/JU
 Sample : PB168845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168845BS

Quant Time: Jul 15 11:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

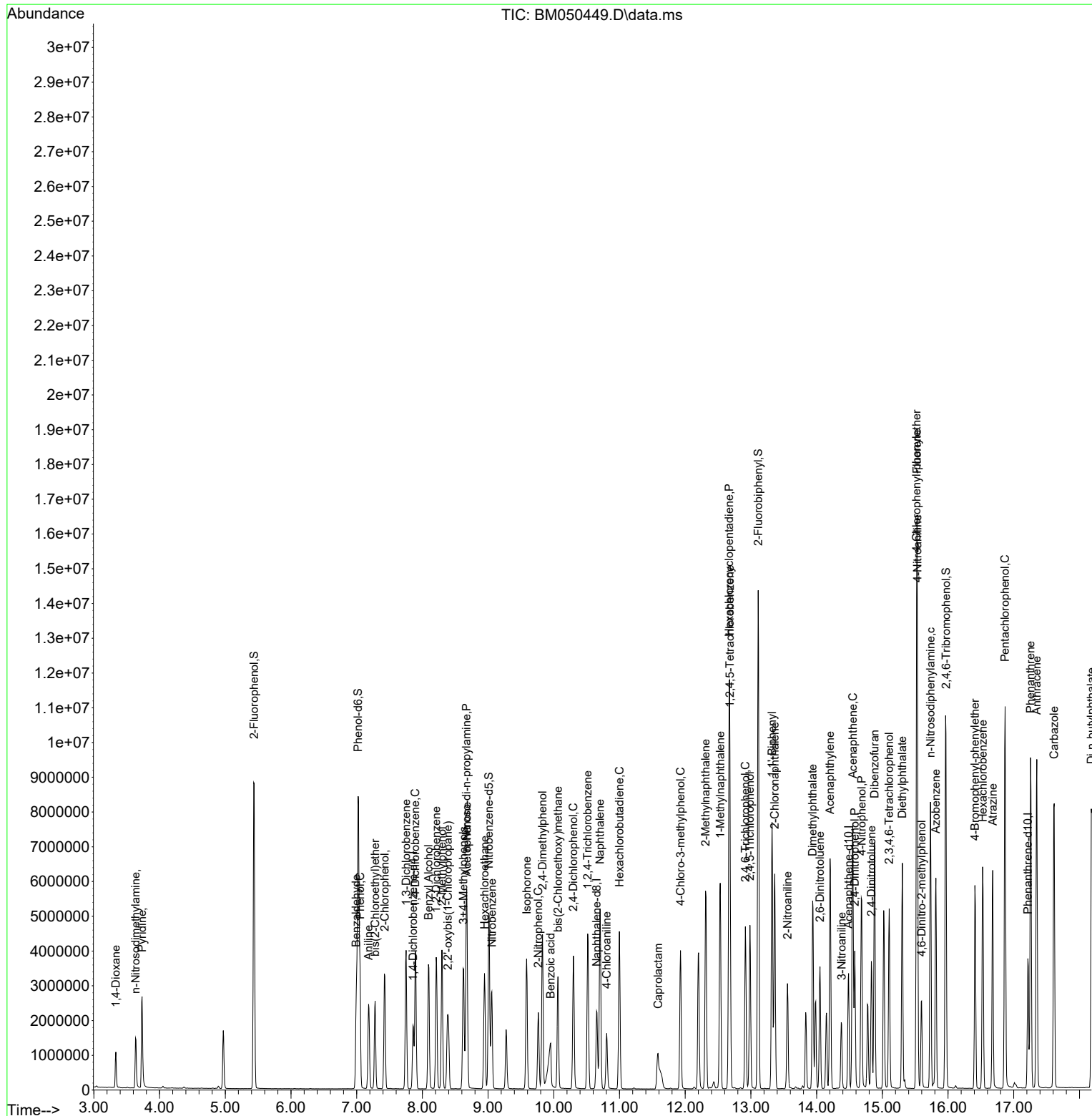
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1261847	49.144	ng	98
46) 1,1'-Biphenyl	13.322	154	4030985	45.236	ng	99
47) 2-Chloronaphthalene	13.363	162	3173492	44.666	ng	99
48) 2-Nitroaniline	13.557	65	777873	49.050	ng	96
49) Acenaphthylene	14.204	152	4897097	45.607	ng	99
50) Dimethylphthalate	13.939	163	3704512	44.800	ng	100
51) 2,6-Dinitrotoluene	14.051	165	780349	49.150	ng	97
52) Acenaphthene	14.551	154	3002019m	43.976	ng	
53) 3-Nitroaniline	14.380	138	491285	29.096	ng	97
54) 2,4-Dinitrophenol	14.580	184	830481	93.609	ng	86
55) Dibenzofuran	14.880	168	4627351	43.993	ng	100
56) 4-Nitrophenol	14.686	139	1477021	101.721	ng	89
57) 2,4-Dinitrotoluene	14.833	165	1098831	46.332	ng	98
58) Fluorene	15.527	166	3880558	44.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1075655	49.766	ng	97
60) Diethylphthalate	15.304	149	3562643	45.103	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	2055772	45.380	ng	98
62) 4-Nitroaniline	15.533	138	816764	42.395	ng	98
63) Azobenzene	15.815	77	3202185	44.149	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	572349	46.698	ng	90
66) n-Nitrosodiphenylamine	15.733	169	3256403	45.464	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1189767	47.177	ng	99
68) Hexachlorobenzene	16.527	284	1410842	47.366	ng	96
69) Atrazine	16.680	200	1144720	48.671	ng	99
70) Pentachlorophenol	16.868	266	2032081	109.592	ng	100
71) Phenanthrene	17.257	178	5821338	44.944	ng	100
72) Anthracene	17.351	178	5930269	45.996	ng	100
73) Carbazole	17.615	167	5431099	46.556	ng	99
74) Di-n-butylphthalate	18.180	149	5925871	46.409	ng	99
75) Fluoranthene	19.262	202	6761057	48.016	ng	99
77) Benzidine	19.445	184	3074845	47.877	ng	99
78) Pyrene	19.627	202	7238761	44.888	ng	100
80) Butylbenzylphthalate	20.521	149	2703626	50.845	ng	97
81) Benzo(a)anthracene	21.421	228	7722828	47.072	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1722732	31.137	ng	100
83) Chrysene	21.486	228	7206519	46.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4152743	49.196	ng	97
85) Di-n-octyl phthalate	22.491	149	7006614	52.997	ng	98
87) Indeno(1,2,3-cd)pyrene	27.891	276	9235265	48.840	ng	99
88) Benzo(b)fluoranthene	23.509	252	7798254	47.670	ng	99
89) Benzo(k)fluoranthene	23.574	252	7687934	45.291	ng	100
90) Benzo(a)pyrene	24.327	252	7350144	47.998	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	7682077	48.240	ng	99
92) Benzo(g,h,i)perylene	28.962	276	7347259	48.817	ng	99

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\  
Data File : BM050449.D  
Acq On    : 15 Jul 2025  10:50  
Operator  : RC/JU  
Sample    : PB168845BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_M
ClientSampleId :
PB168845BS

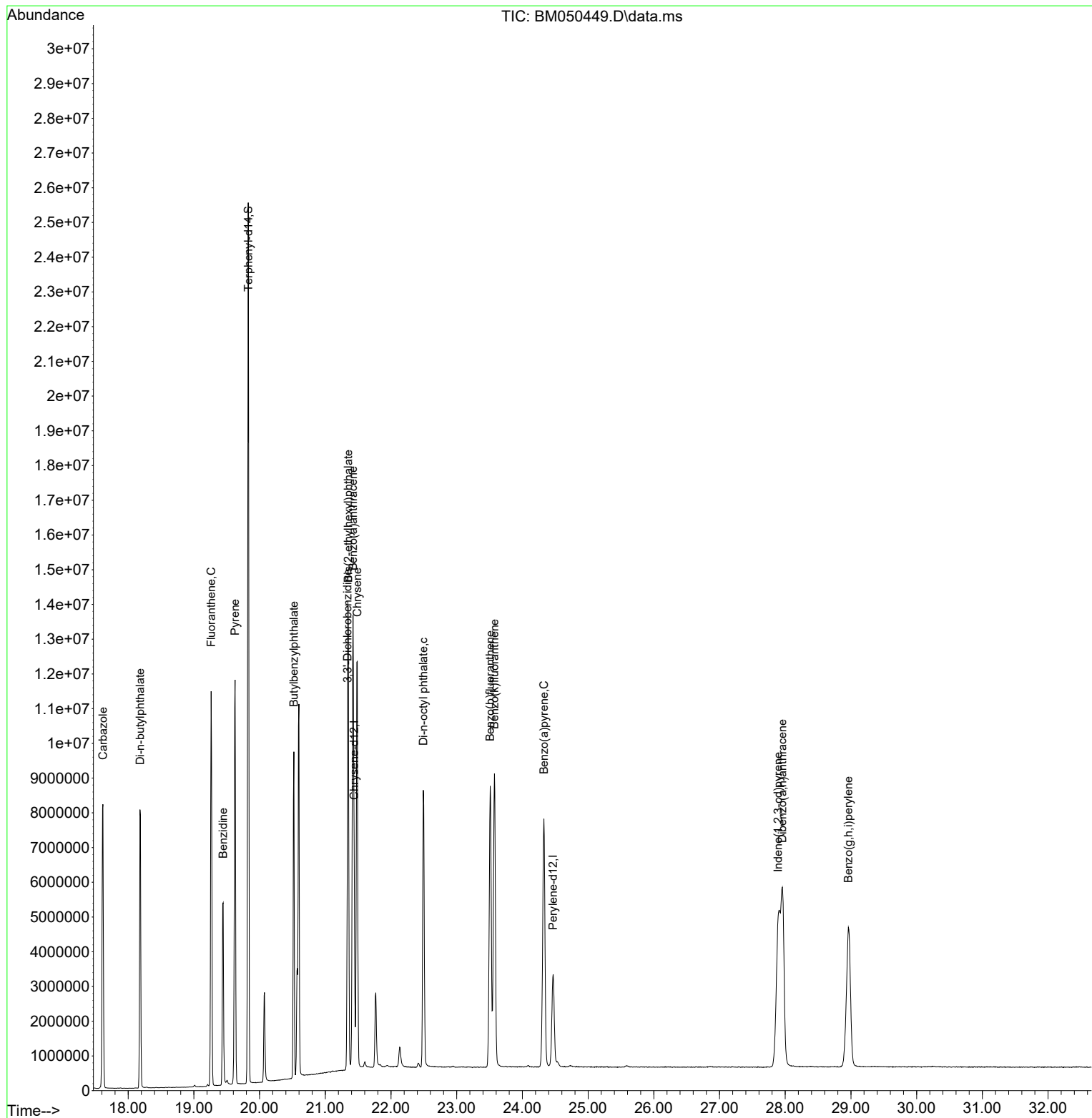
Quant Time: Jul 15 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

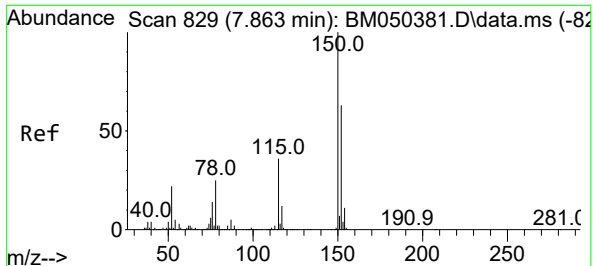


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050449.D
Acq On : 15 Jul 2025 10:50
Operator : RC/JU
Sample : PB168845BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168845BS

Quant Time: Jul 15 11:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

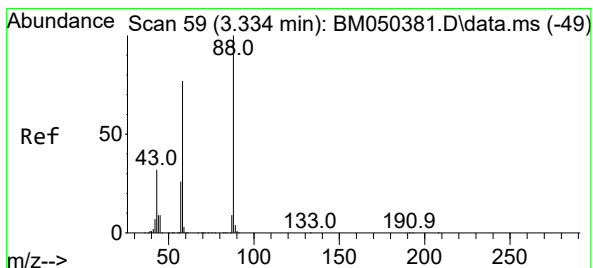
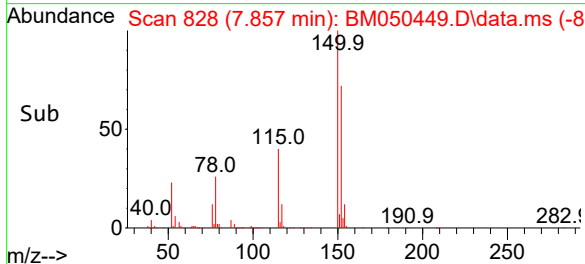
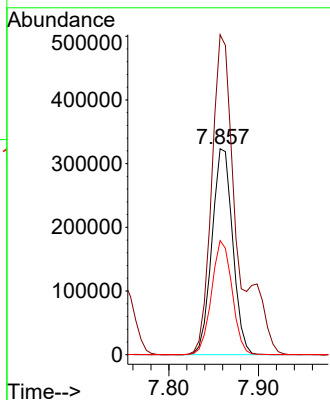
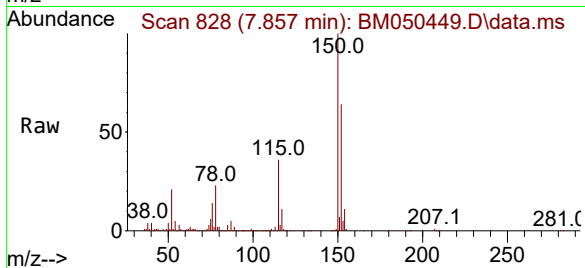




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

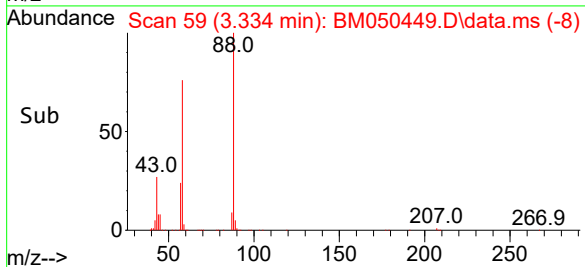
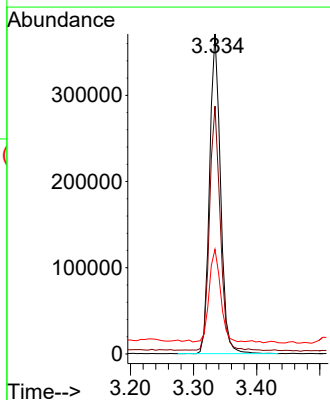
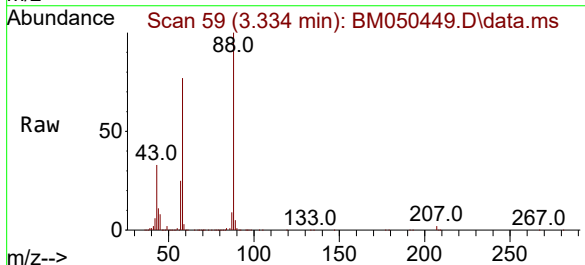
Instrument :
BNA_M
ClientSampleId :
PB168845BS

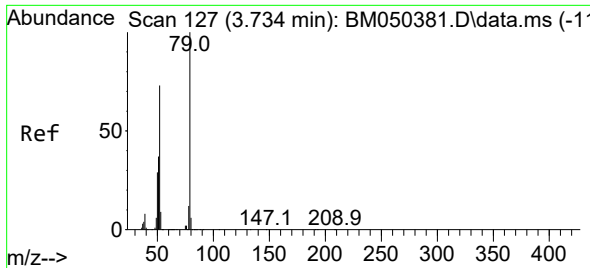
Tgt Ion:152 Resp: 519871
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.4
115 55.4 45.8 68.8



#2
1,4-Dioxane
Concen: 36.002 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 88 Resp: 447107
Ion Ratio Lower Upper
88 100
58 75.4 61.0 91.6
43 30.1 24.6 37.0

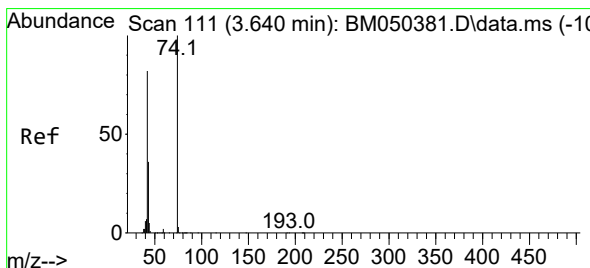
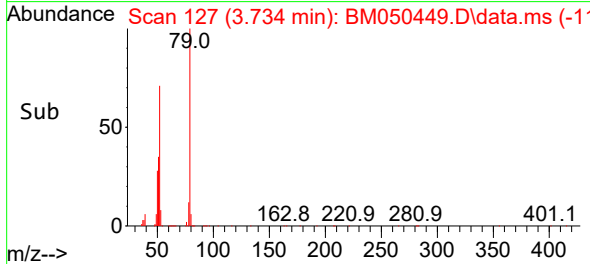
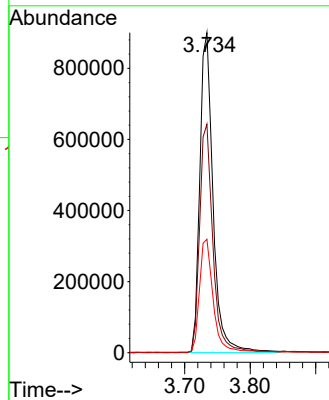
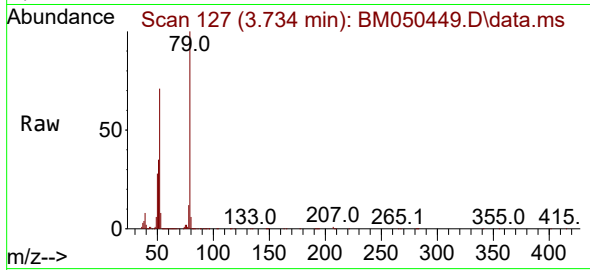




#3
Pyridine
Concen: 38.912 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

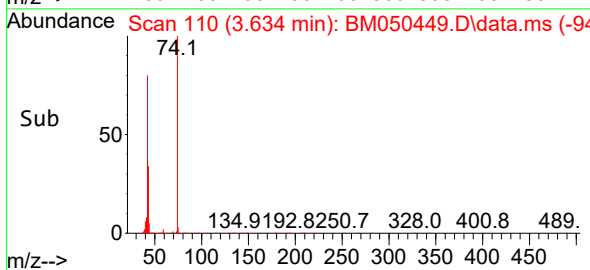
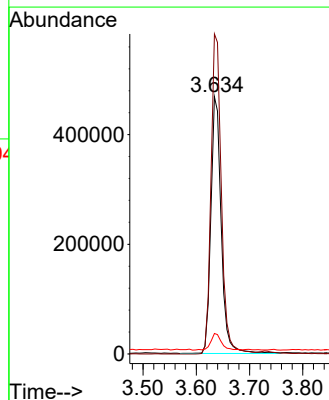
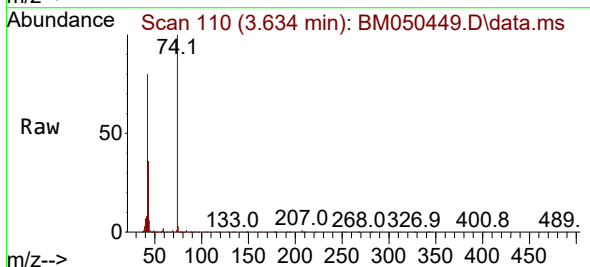
Instrument :
BNA_M
ClientSampleId :
PB168845BS

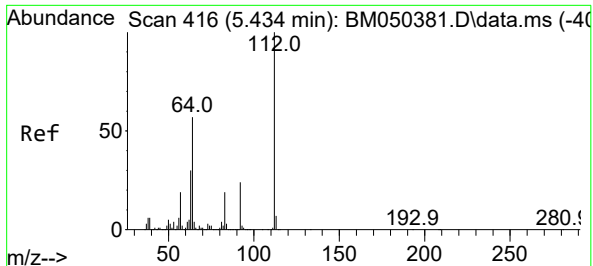
Tgt Ion: 79 Resp: 1268711
Ion Ratio Lower Upper
79 100
52 71.4 58.3 87.5
51 35.5 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 41.541 ng
RT: 3.634 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 42 Resp: 631419
Ion Ratio Lower Upper
42 100
74 124.5 97.5 146.3
44 7.9 5.7 8.5

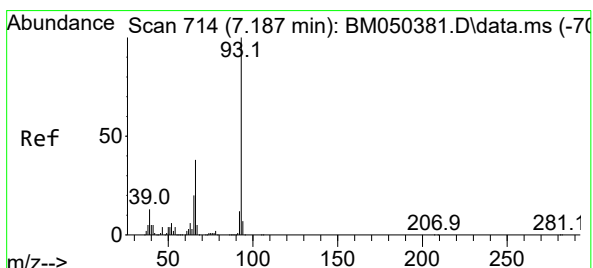
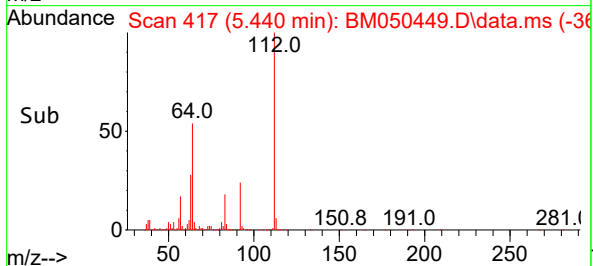
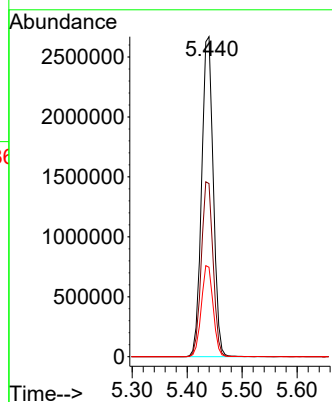
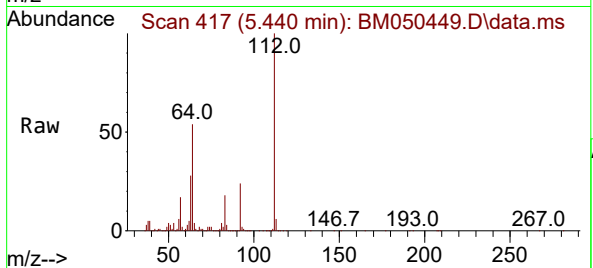




#5
2-Fluorophenol
Concen: 130.309 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

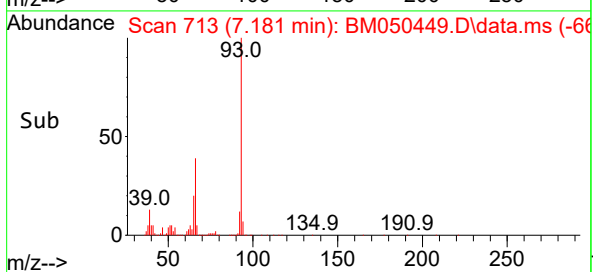
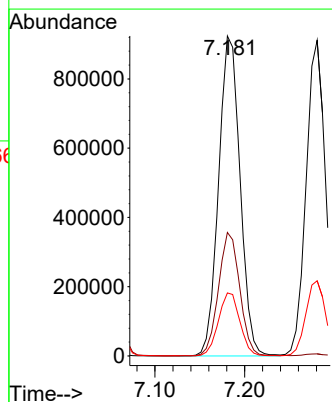
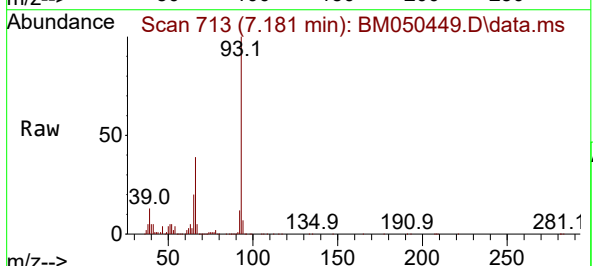
Instrument :
BNA_M
ClientSampleId :
PB168845BS

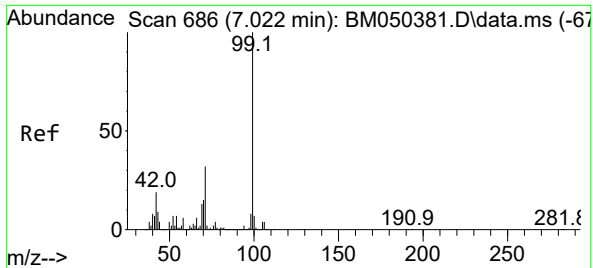
Tgt Ion:112 Resp: 3935585
Ion Ratio Lower Upper
112 100
64 54.1 45.5 68.3
63 27.9 24.2 36.4



#6
Aniline
Concen: 31.432 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 93 Resp: 1535788
Ion Ratio Lower Upper
93 100
66 38.6 30.5 45.7
65 19.7 15.9 23.9

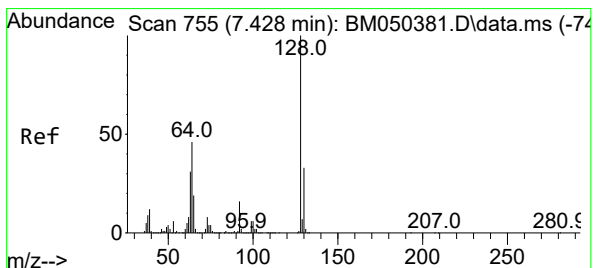
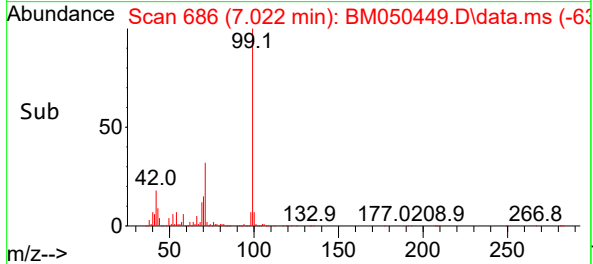
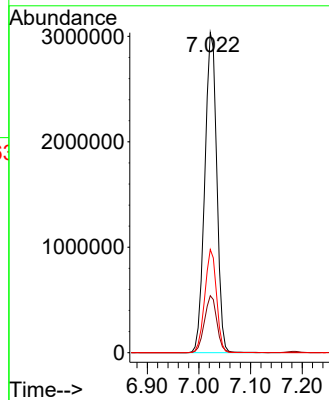
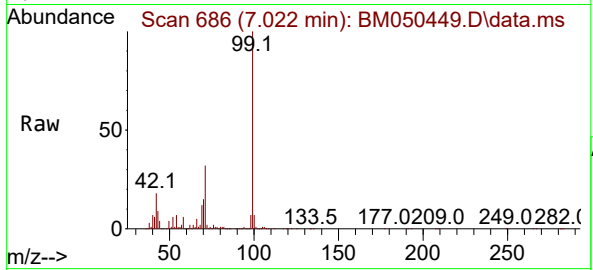




#7
Phenol-d6
Concen: 128.611 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

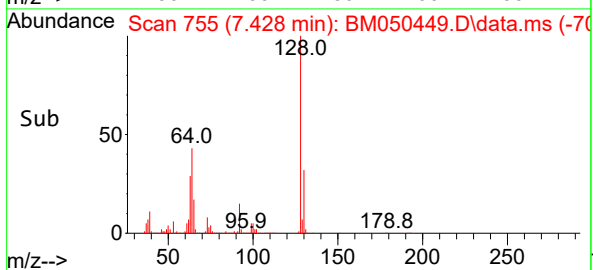
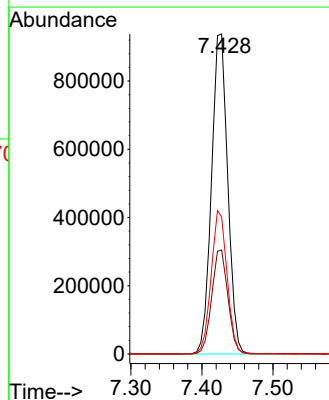
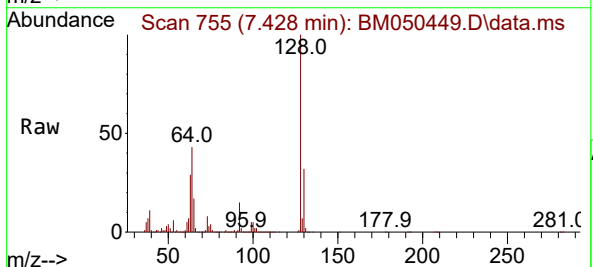
Instrument :
BNA_M
ClientSampleId :
PB168845BS

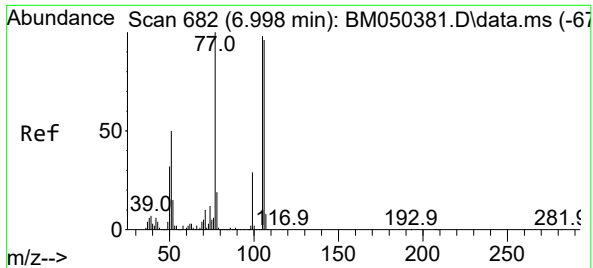
Tgt Ion: 99 Resp: 4896573
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 32.2 25.9 38.9



#8
2-Chlorophenol
Concen: 46.693 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 128 Resp: 1486998
Ion Ratio Lower Upper
128 100
130 32.5 13.3 53.3
64 42.9 25.6 65.6

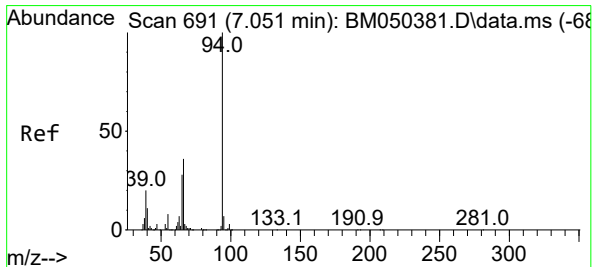
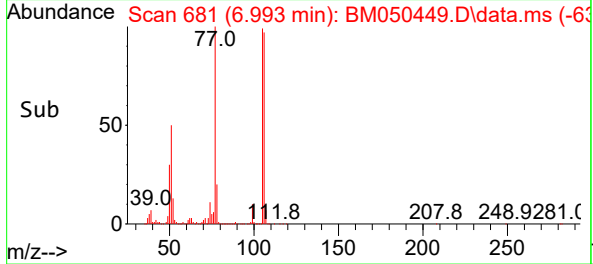
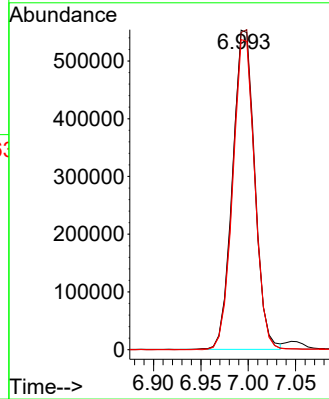
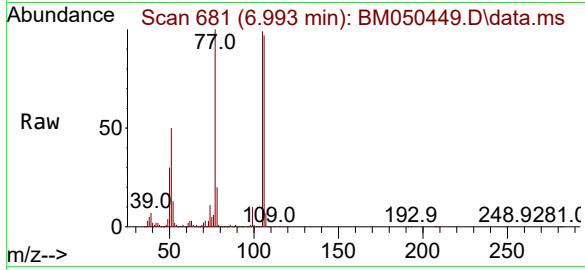




#9
Benzaldehyde
Concen: 39.516 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.005 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

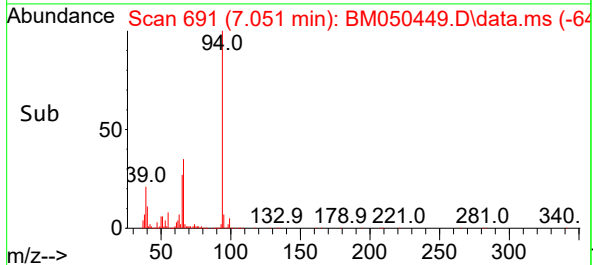
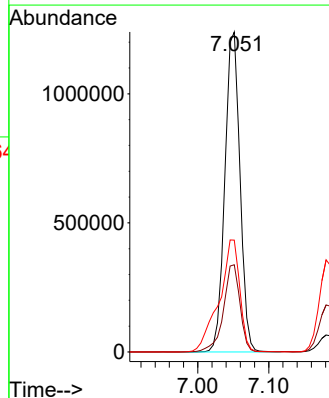
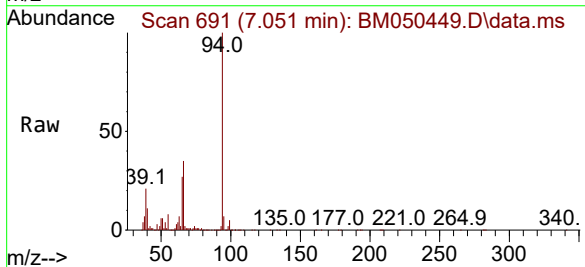
Instrument :
BNA_M
ClientSampleId :
PB168845BS

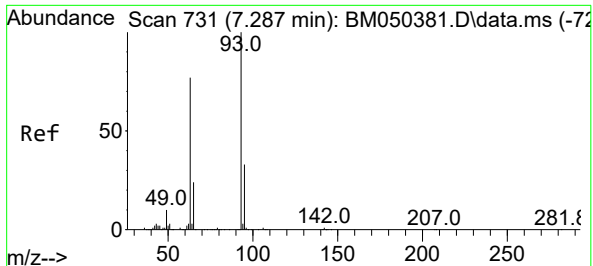
Tgt Ion: 77 Resp: 894959
Ion Ratio Lower Upper
77 100
105 99.3 78.4 118.4
106 97.0 76.3 116.3



#10
Phenol
Concen: 46.027 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 94 Resp: 1827741
Ion Ratio Lower Upper
94 100
65 27.2 8.1 48.1
66 34.9 15.8 55.8

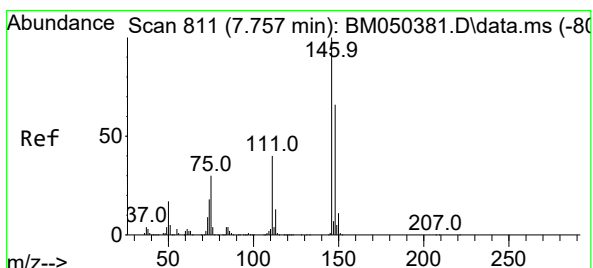
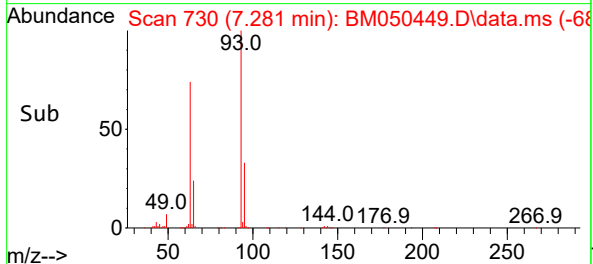
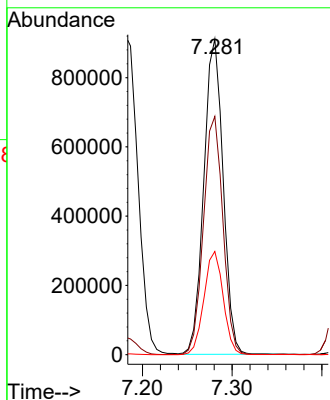
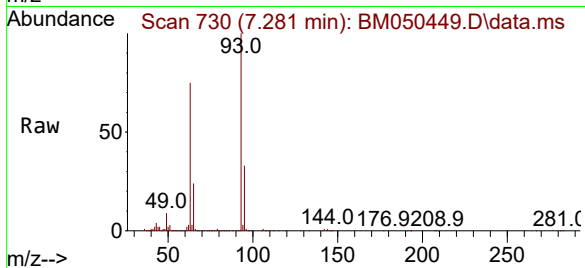




#11
bis(2-Chloroethyl)ether
Concen: 42.750 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

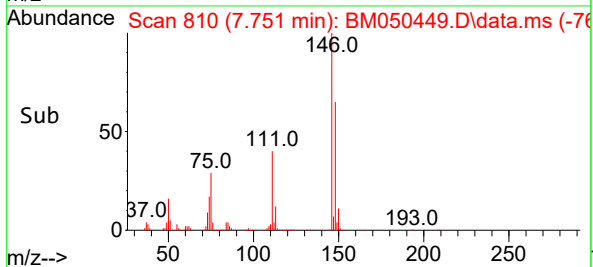
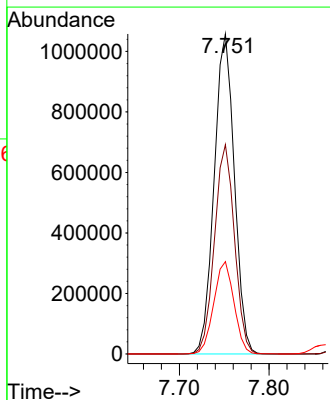
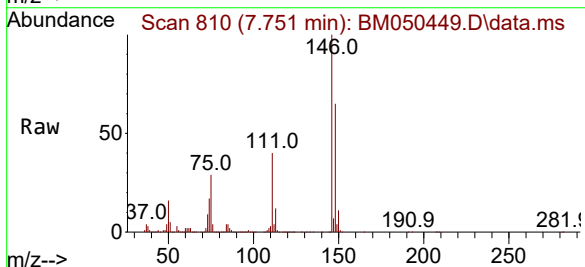
Instrument :
BNA_M
ClientSampleId :
PB168845BS

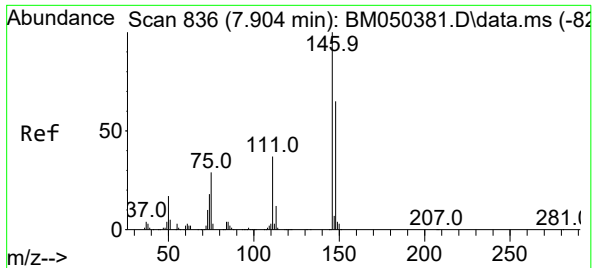
Tgt Ion: 93 Resp: 1359519
Ion Ratio Lower Upper
93 100
63 75.5 56.9 96.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.680 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:146 Resp: 1652741
Ion Ratio Lower Upper
146 100
148 65.4 53.2 79.8
75 28.8 23.9 35.9

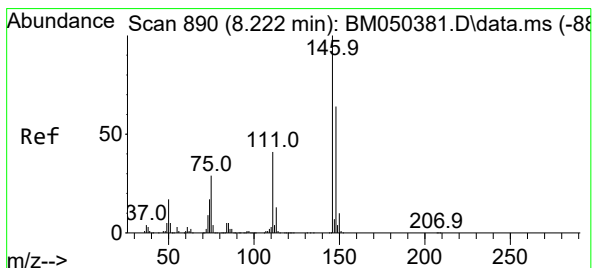
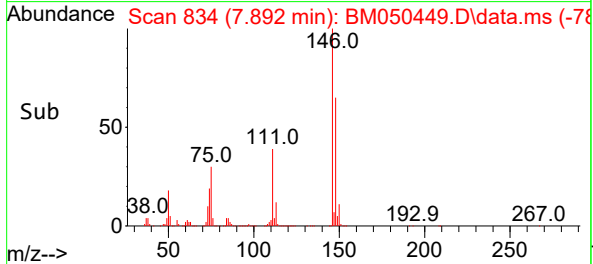
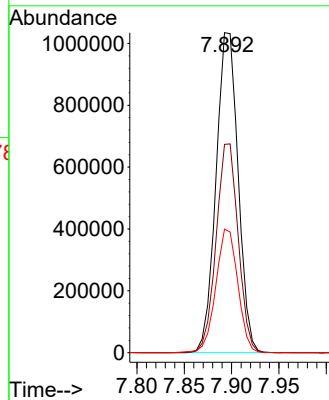
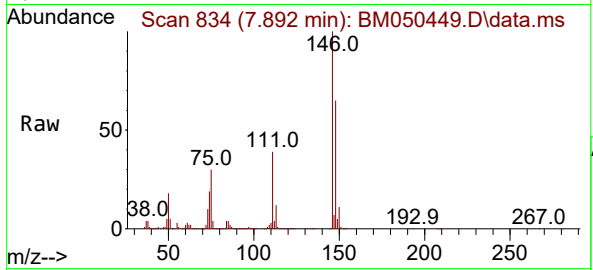




#13
1,4-Dichlorobenzene
Concen: 42.527 ng
RT: 7.892 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

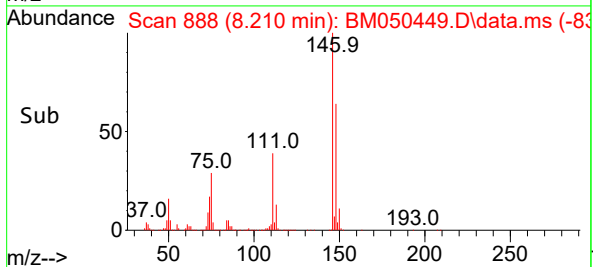
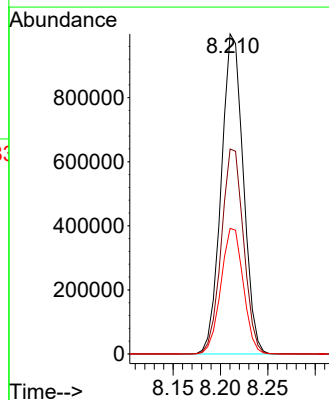
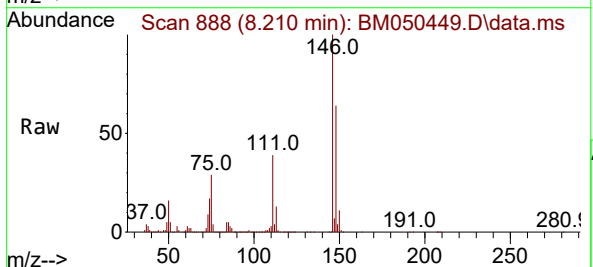
Instrument :
BNA_M
ClientSampleId :
PB168845BS

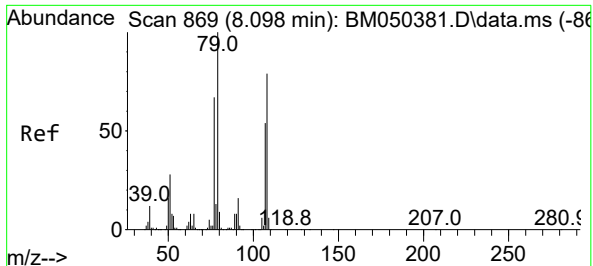
Tgt Ion:146 Resp: 1681552
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 38.6 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 42.790 ng
RT: 8.210 min Scan# 888
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:146 Resp: 1619823
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 39.2 32.6 49.0

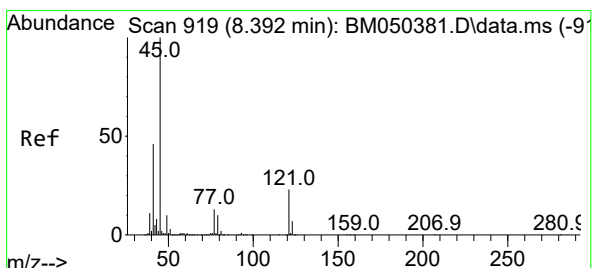
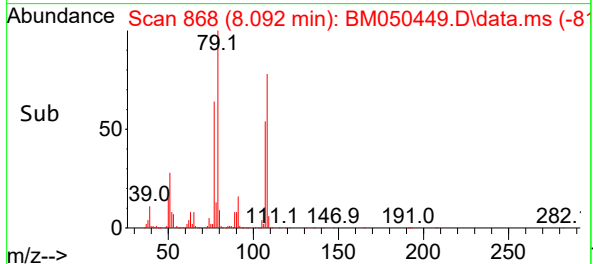
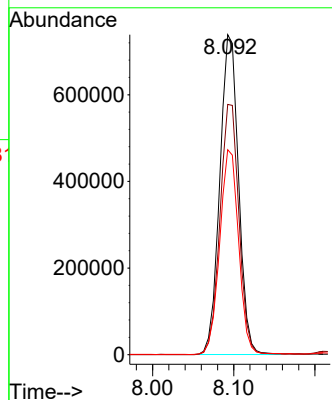
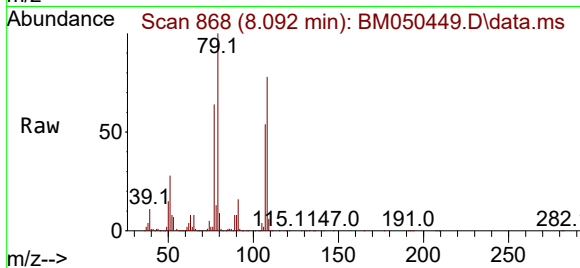




#15
Benzyl Alcohol
Concen: 44.308 ng
RT: 8.092 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

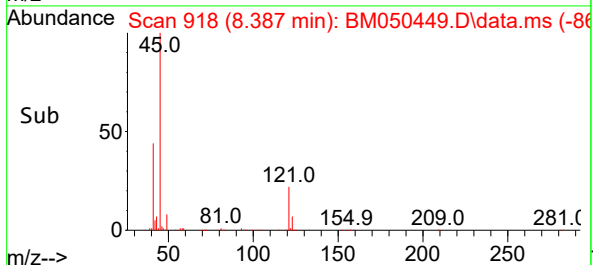
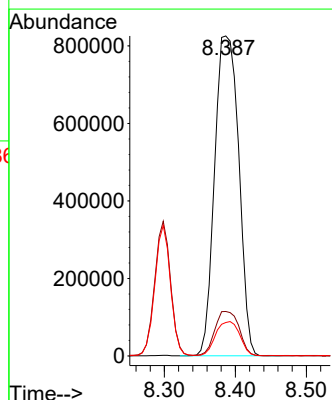
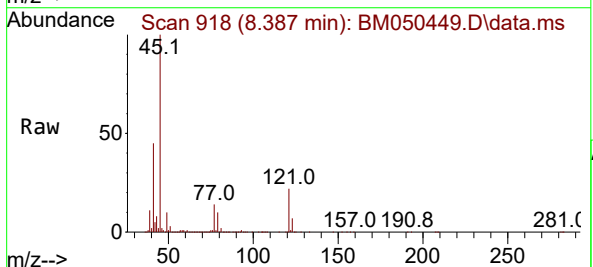
Instrument :
BNA_M
ClientSampleId :
PB168845BS

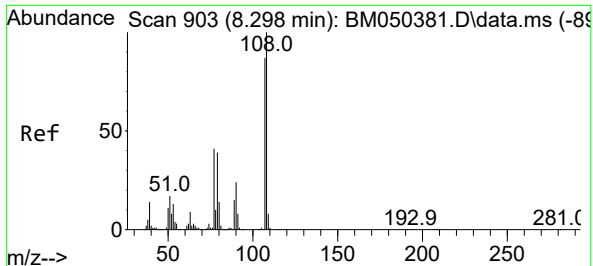
Tgt Ion: 79 Resp: 1188610
Ion Ratio Lower Upper
79 100
108 78.2 63.0 94.4
77 64.1 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.526 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 45 Resp: 1945209
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.5
79 10.5 0.0 30.3





#17

2-Methylphenol

Concen: 45.170 ng

RT: 8.298 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

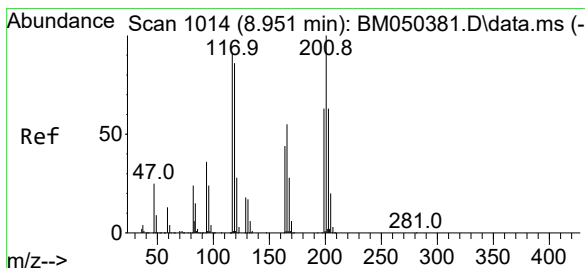
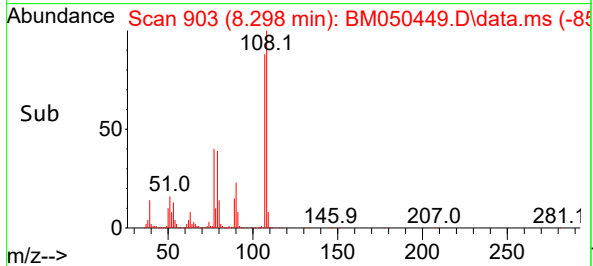
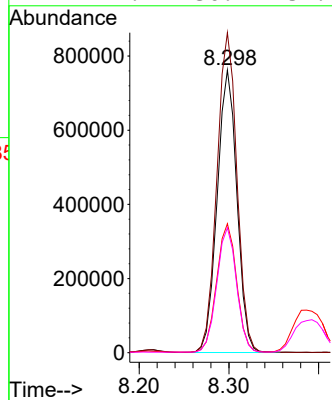
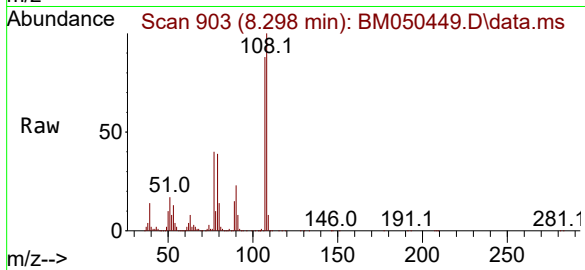
BNA_M

ClientSampleId :

PB168845BS

Tgt Ion:107 Resp: 1163370

Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.1	138.1
77	45.6	38.2	57.4
79	44.2	36.2	54.4



#18

Hexachloroethane

Concen: 42.435 ng

RT: 8.945 min Scan# 1013

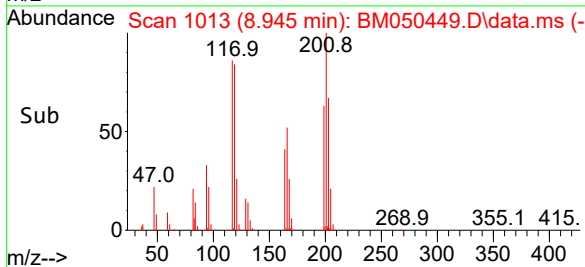
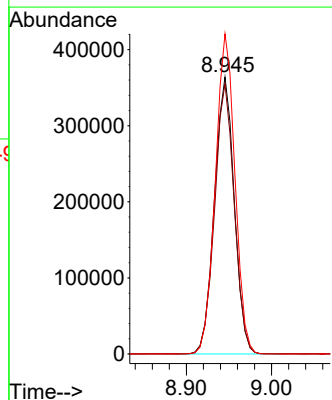
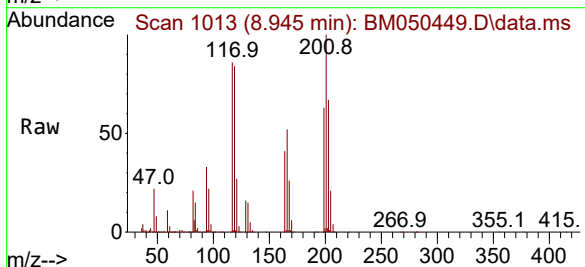
Delta R.T. -0.006 min

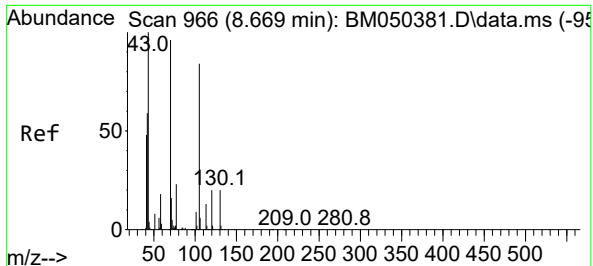
Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Tgt Ion:117 Resp: 590114

Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.6	113.4
201	115.6	87.9	131.9

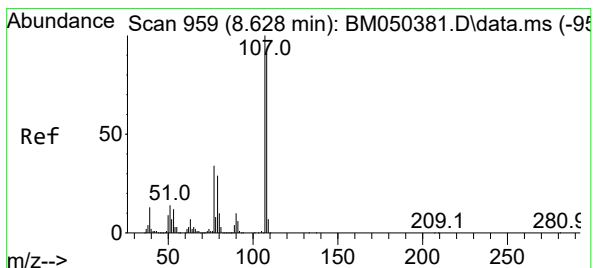
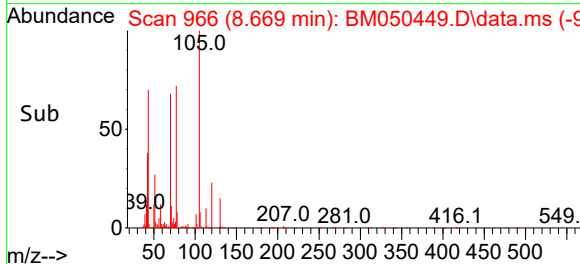
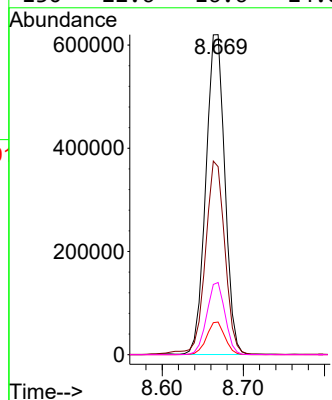
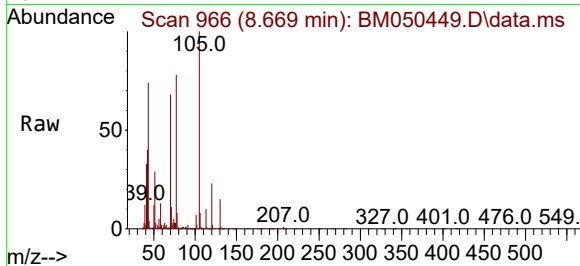




#19
n-Nitroso-di-n-propylamine
Concen: 43.602 ng
RT: 8.669 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

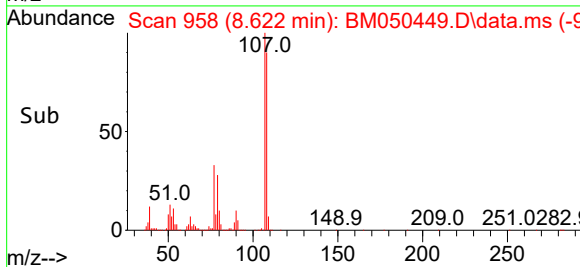
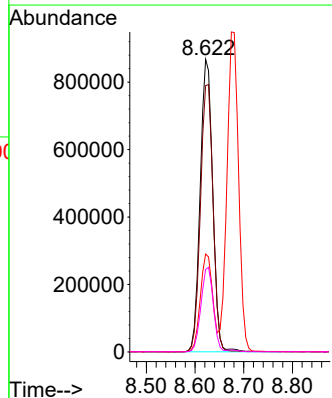
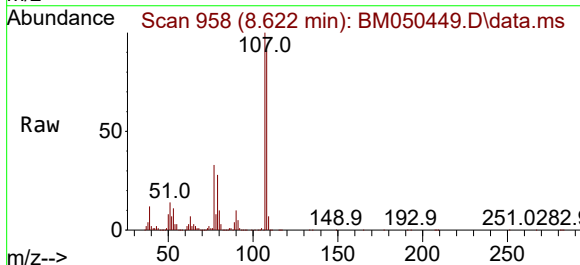
Instrument :
BNA_M
ClientSampleId :
PB168845BS

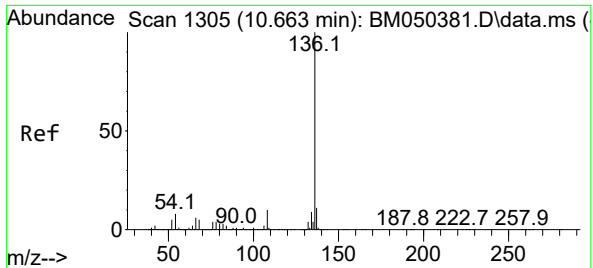
Tgt Ion: 70 Resp: 1005653
Ion Ratio Lower Upper
70 100
42 58.7 49.7 74.5
101 10.2 7.7 11.5
130 22.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 44.883 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 107 Resp: 1551833
Ion Ratio Lower Upper
107 100
108 91.0 71.5 111.5
77 33.4 13.7 53.7
79 28.2 8.6 48.6

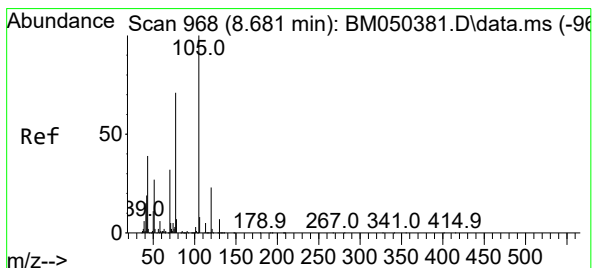
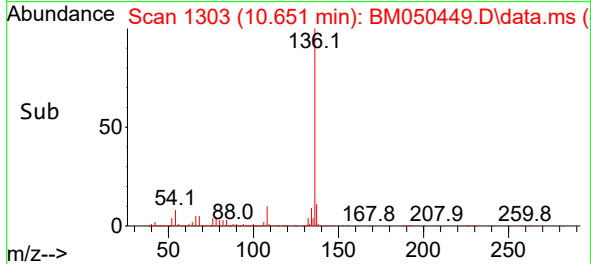
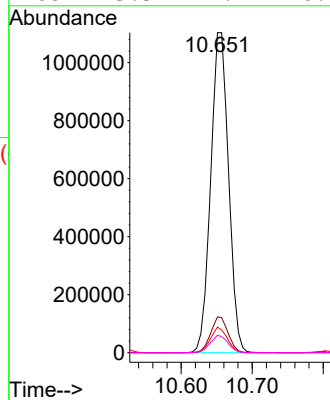
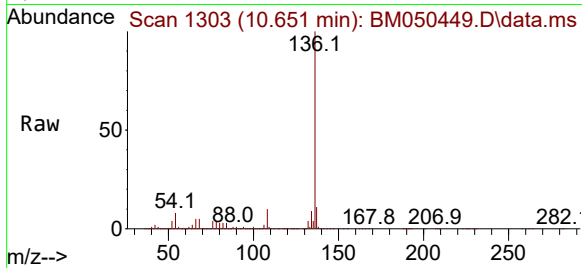




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

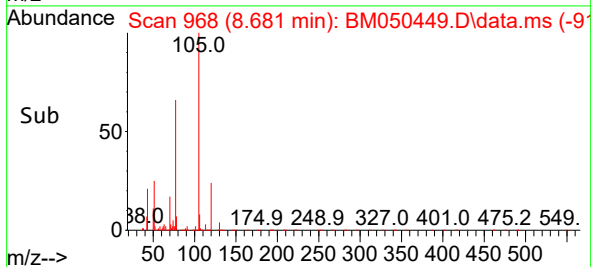
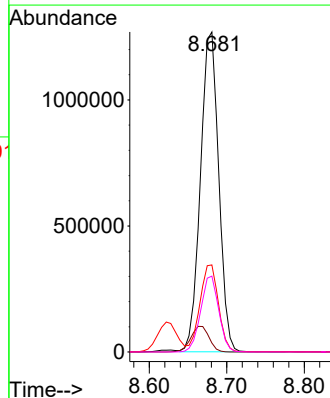
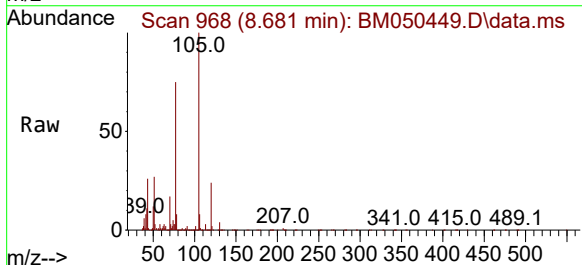
Instrument :
BNA_M
ClientSampleId :
PB168845BS

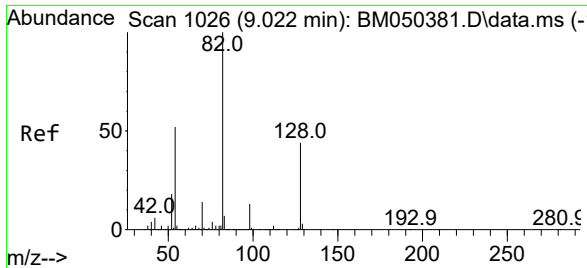
Tgt Ion:136 Resp: 1924110
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.3 9.5
68 5.5 4.2 6.2



#22
Acetophenone
Concen: 43.187 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:105 Resp: 2077632
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 27.2 23.0 34.6
120 23.7 18.3 27.5

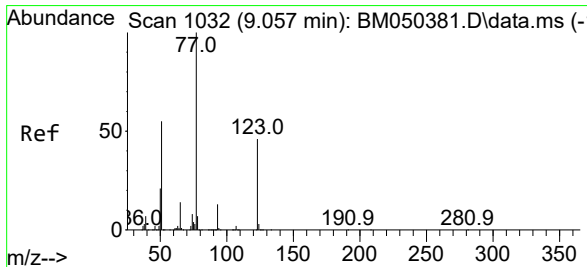
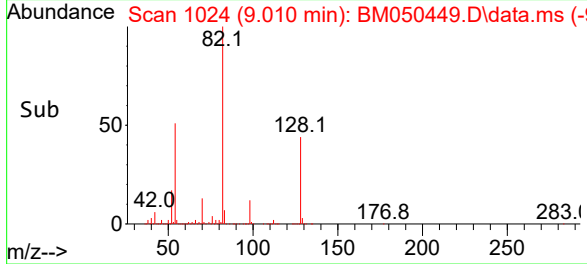
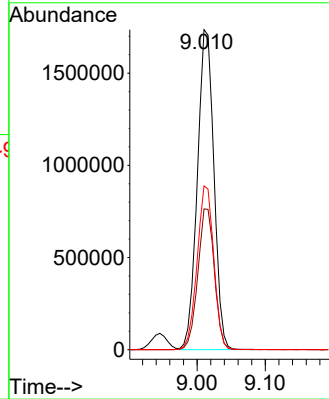
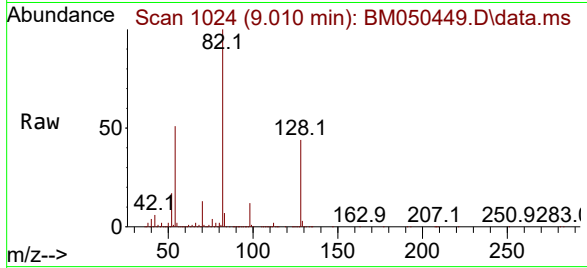




#23
Nitrobenzene-d5
Concen: 77.559 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

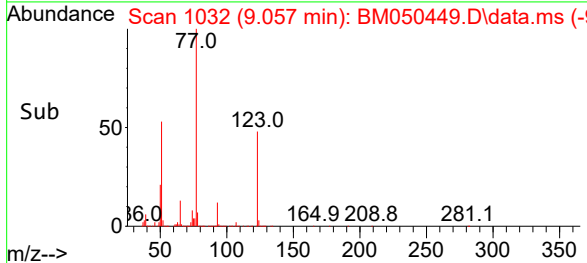
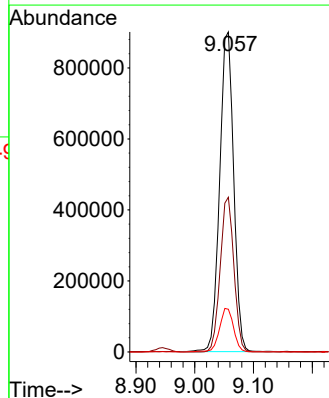
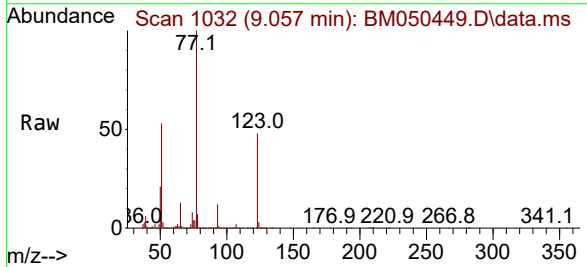
Instrument :
BNA_M
ClientSampleId :
PB168845BS

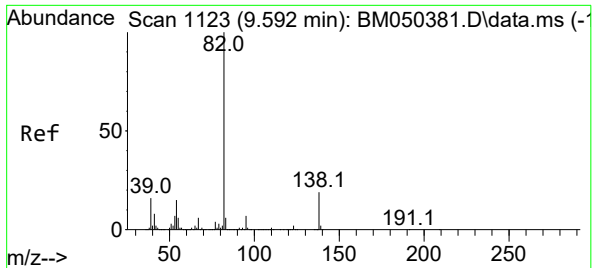
Tgt Ion: 82 Resp: 2925064
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 51.2 41.5 62.3



#24
Nitrobenzene
Concen: 44.272 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

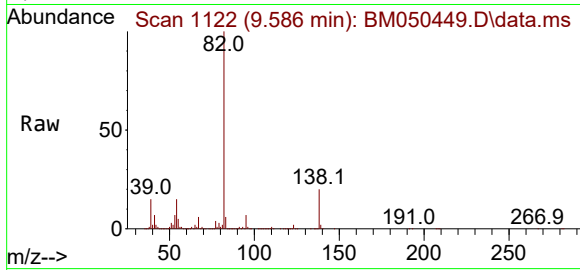
Tgt Ion: 77 Resp: 1489939
Ion Ratio Lower Upper
77 100
123 48.4 37.0 55.6
65 13.4 11.0 16.4



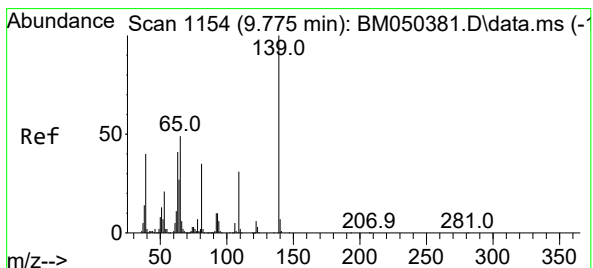
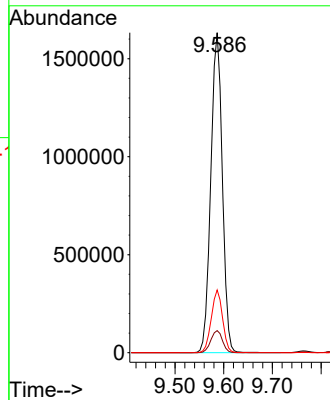
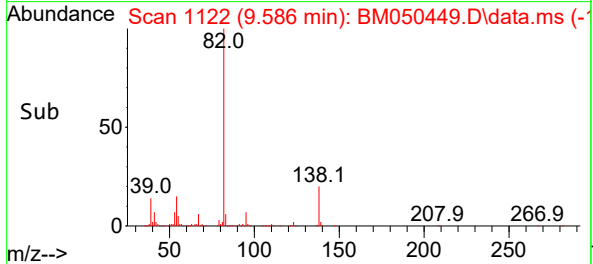


#25
Isophorone
Concen: 43.570 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
PB168845BS

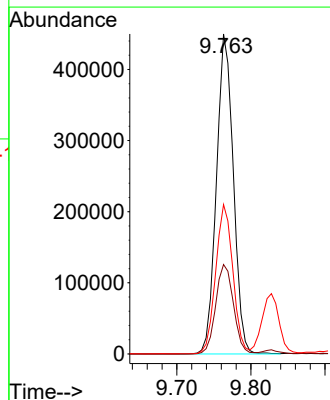
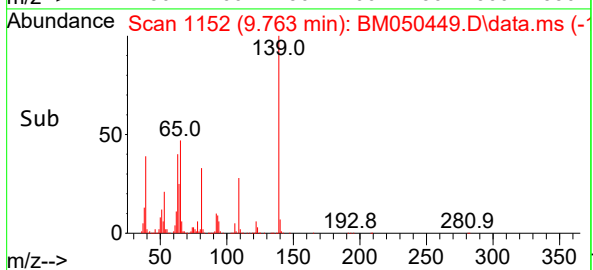
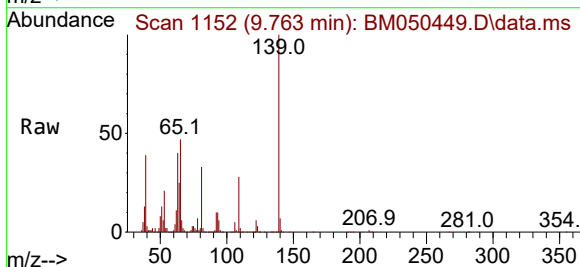


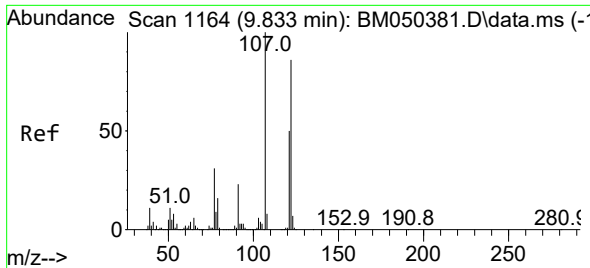
Tgt Ion: 82 Resp: 2666404
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.6 15.3 22.9



#26
2-Nitrophenol
Concen: 51.974 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 139 Resp: 712891
Ion Ratio Lower Upper
139 100
109 28.0 24.6 36.8
65 46.7 39.2 58.8

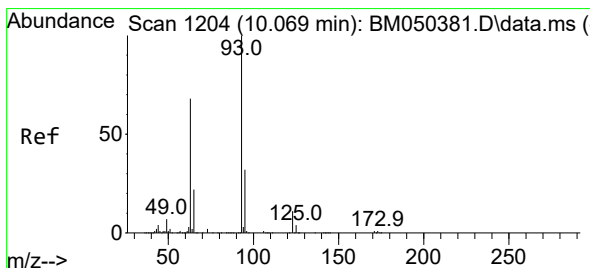
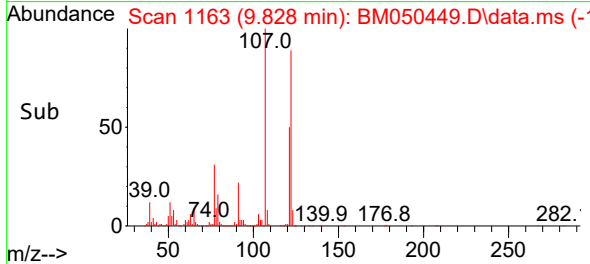
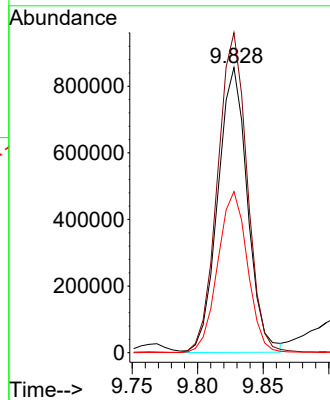
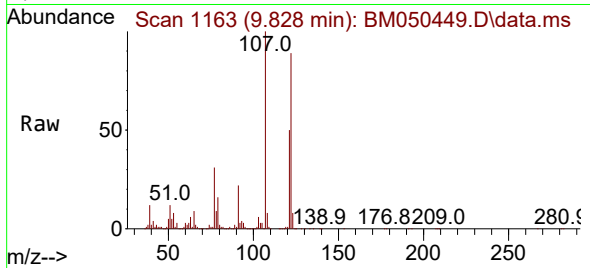




#27
2,4-Dimethylphenol
Concen: 46.066 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

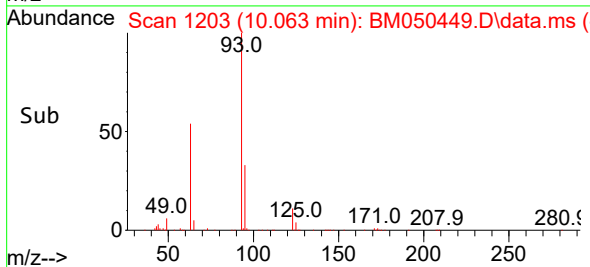
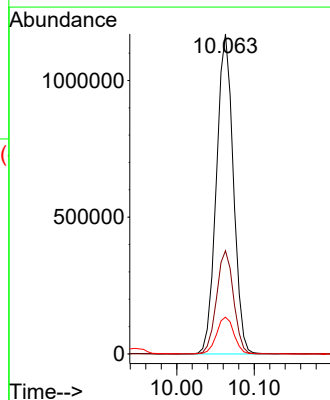
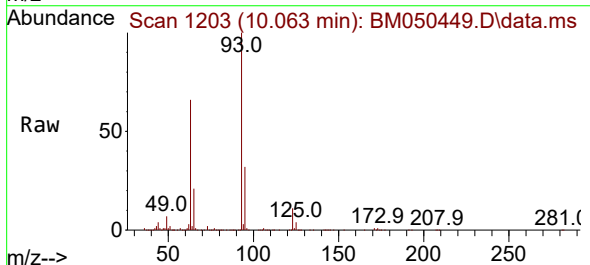
Instrument :
BNA_M
ClientSampleId :
PB168845BS

Tgt Ion:122 Resp: 1344519
Ion Ratio Lower Upper
122 100
107 112.3 93.0 139.6
121 56.5 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.702 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

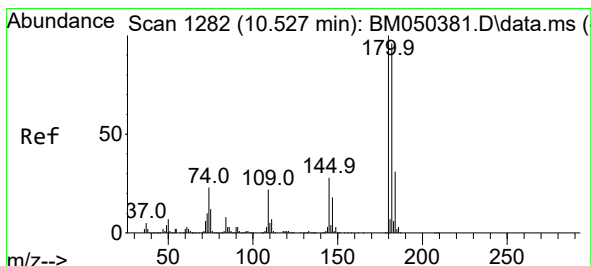
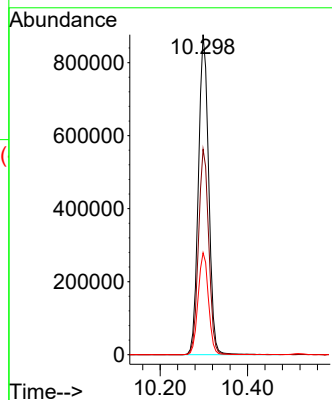
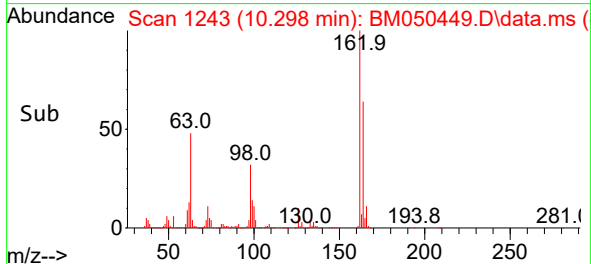
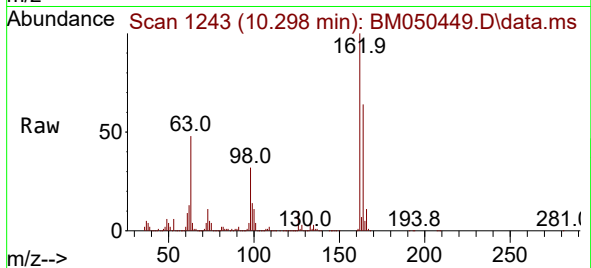
Tgt Ion: 93 Resp: 1772191
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.5 9.1 13.7



Instrument :
BNA_M

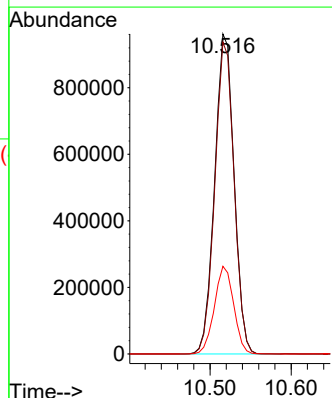
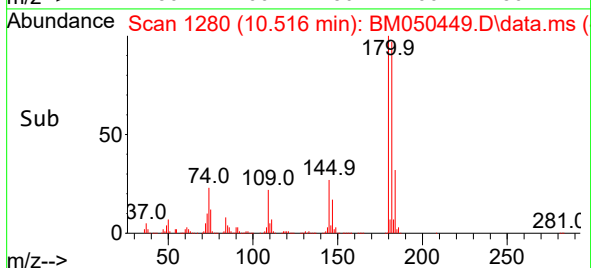
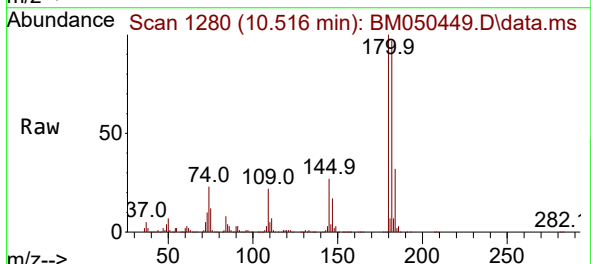
ClientSampleId :
PB168845BS

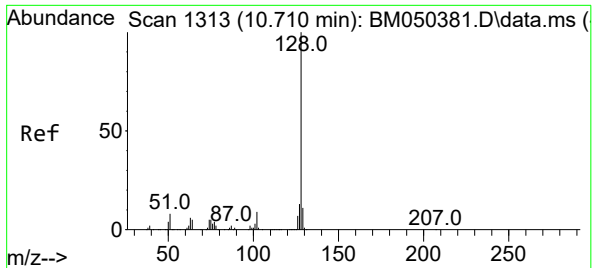
Tgt	Ion:162	Resp:	1433985
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	31.8	13.7	53.7



```
#30
1,2,4-Trichlorobenzene
Concen: 44.582 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50
```

Tgt	Ion:180	Resp:	1599191
Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.8	115.2
145	27.4	22.6	33.8

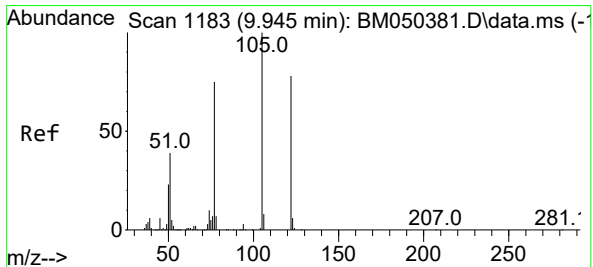
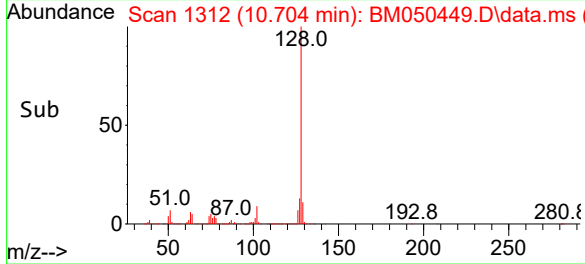
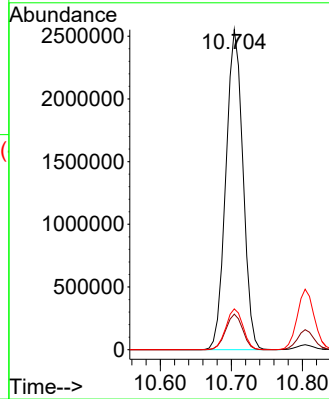
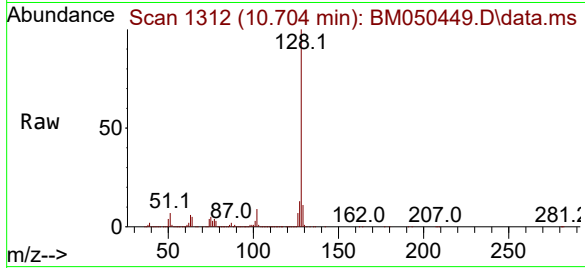




#31
Naphthalene
Concen: 43.519 ng
RT: 10.704 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

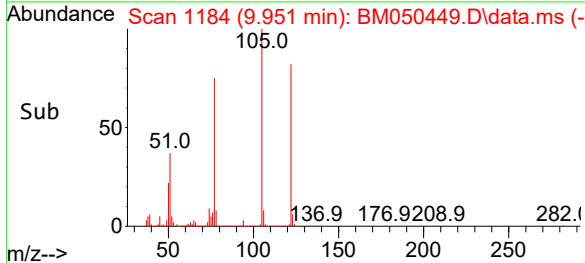
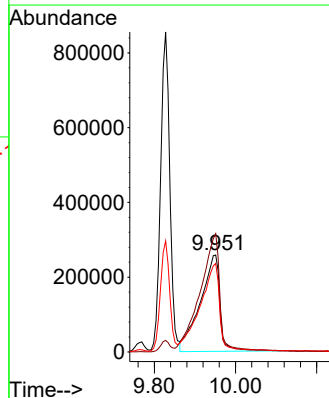
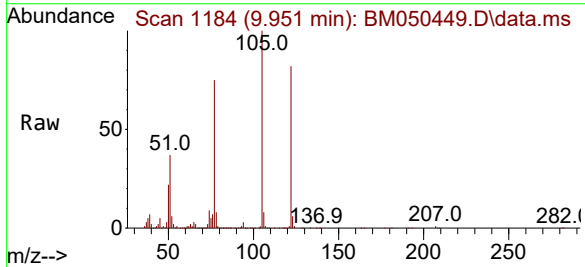
Instrument :
BNA_M
ClientSampleId :
PB168845BS

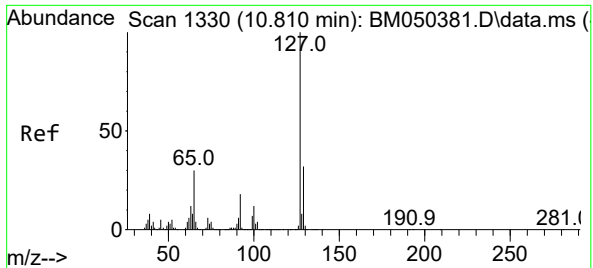
Tgt Ion:128 Resp: 4253199
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 48.359 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:122 Resp: 867267
Ion Ratio Lower Upper
122 100
105 121.9 104.0 144.0
77 91.3 73.8 113.8

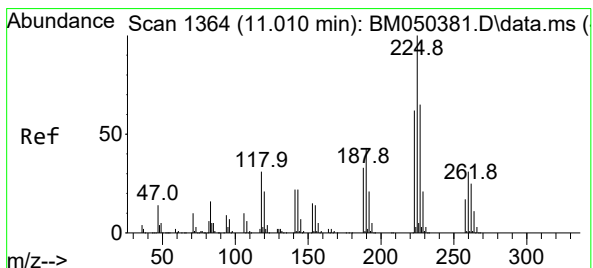
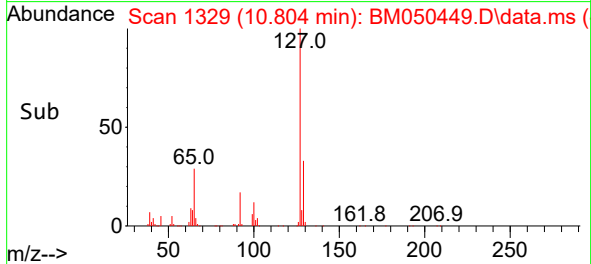
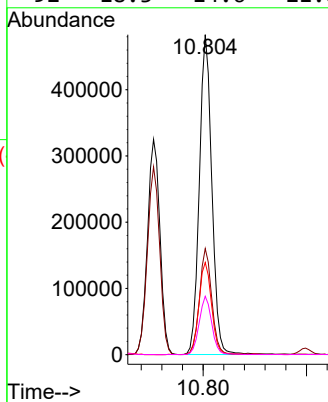
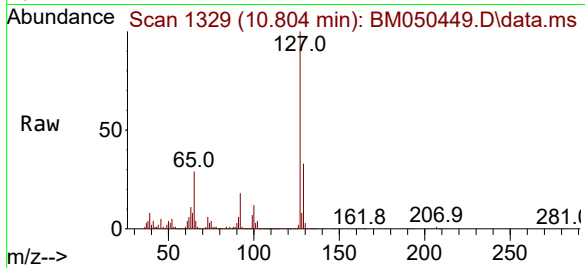




#33
4-Chloroaniline
Concen: 19.640 ng
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

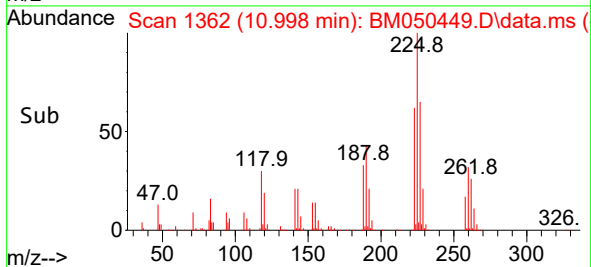
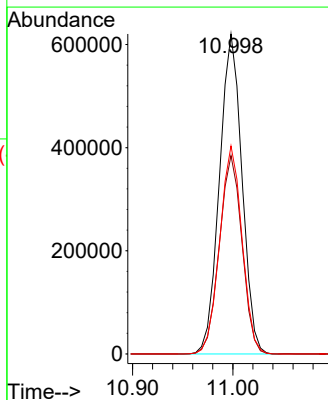
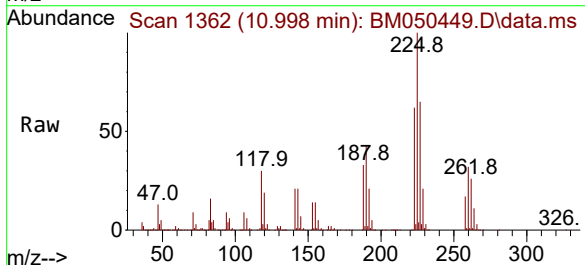
Instrument :
BNA_M
ClientSampleId :
PB168845BS

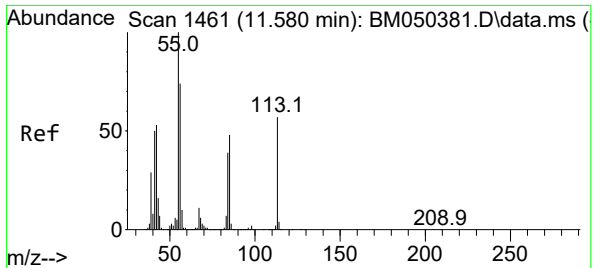
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.5	38.3
65	28.8	23.9	35.9
92	18.3	14.6	21.8



#34
Hexachlorobutadiene
Concen: 44.104 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	65.0	52.1	78.1

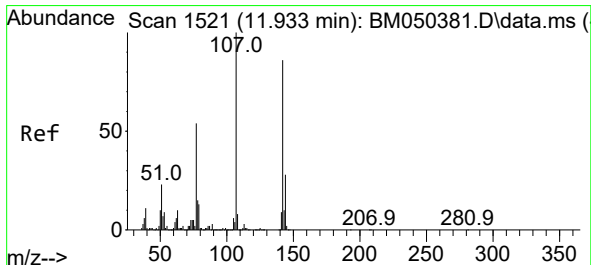
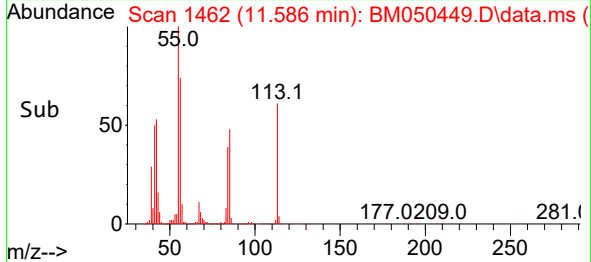
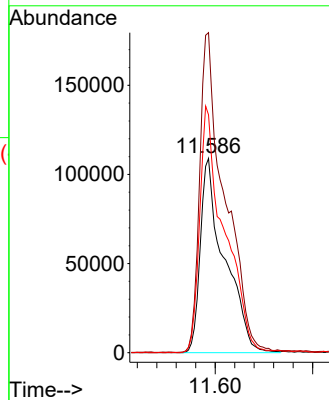
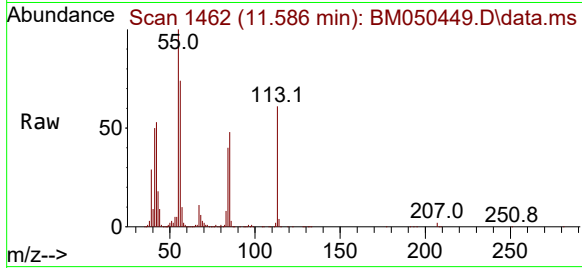




#35
Caprolactam
Concen: 45.708 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

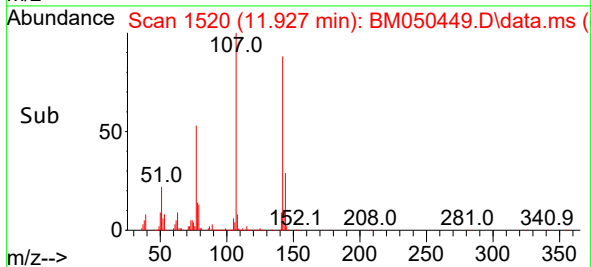
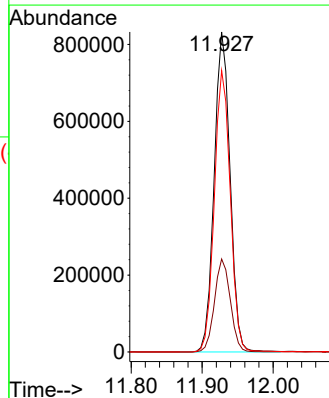
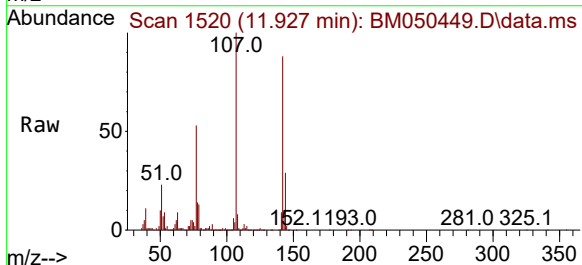
Instrument :
BNA_M
ClientSampleId :
PB168845BS

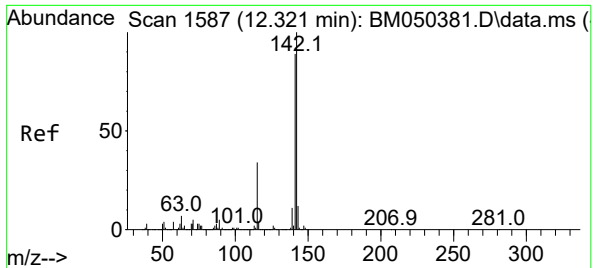
Tgt Ion:113 Resp: 374144
Ion Ratio Lower Upper
113 100
55 164.7 157.2 197.2
56 122.5 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 46.165 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:107 Resp: 1292667
Ion Ratio Lower Upper
107 100
144 29.1 22.2 33.4
142 87.9 68.7 103.1

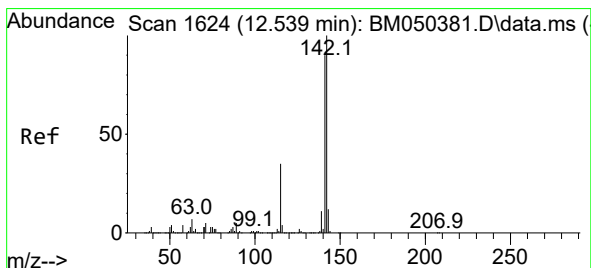
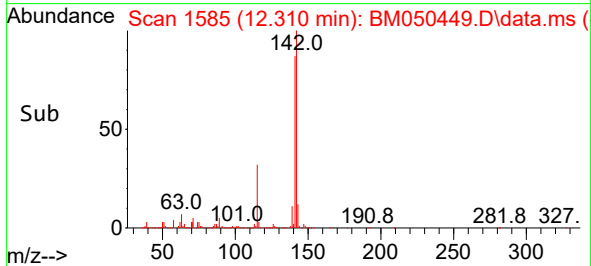
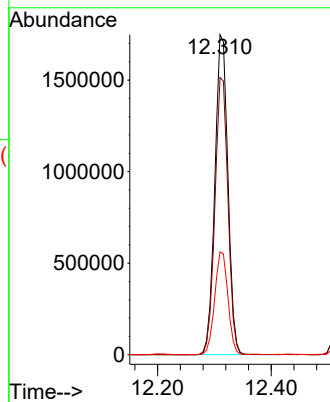
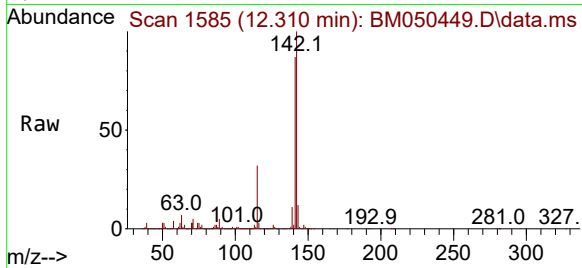




#37
2-Methylnaphthalene
Concen: 44.987 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

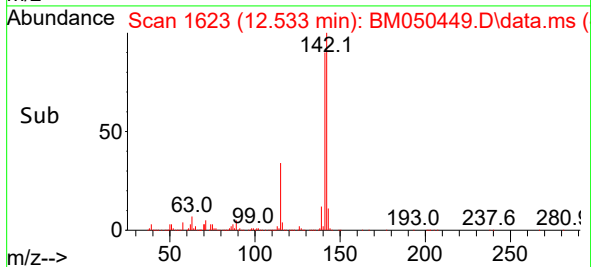
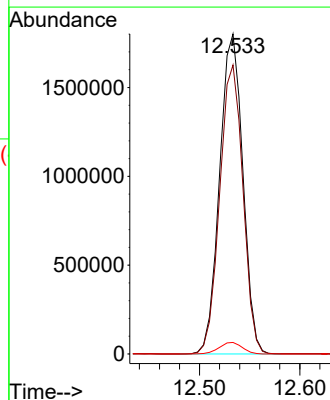
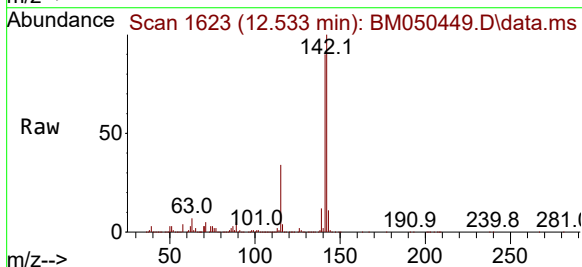
Instrument :
BNA_M
ClientSampleId :
PB168845BS

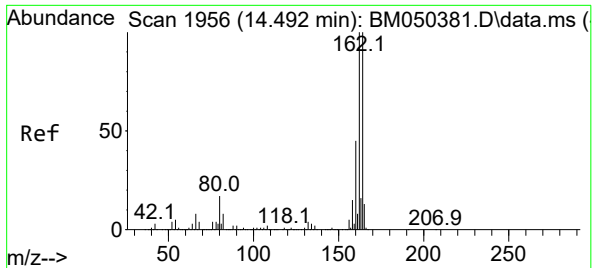
Tgt Ion:142 Resp: 2776070
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 32.2 27.0 40.4



#38
1-Methylnaphthalene
Concen: 44.307 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

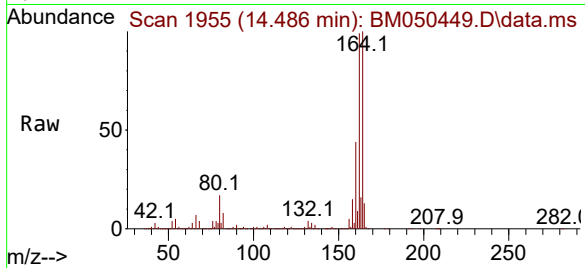
Tgt Ion:142 Resp: 2893477
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9
116 3.6 3.0 4.6



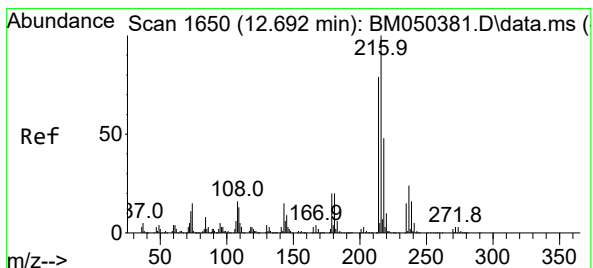
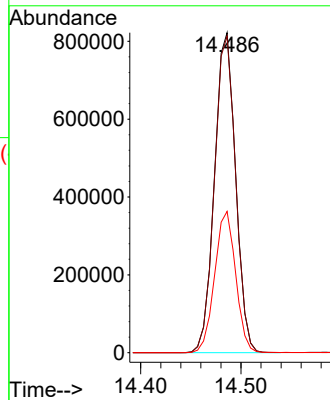
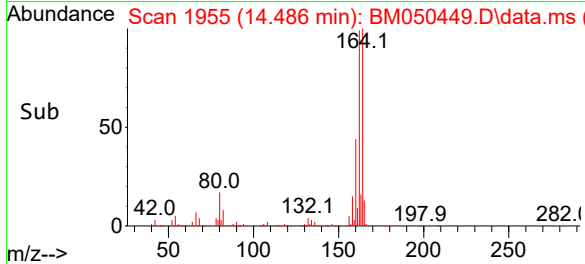


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

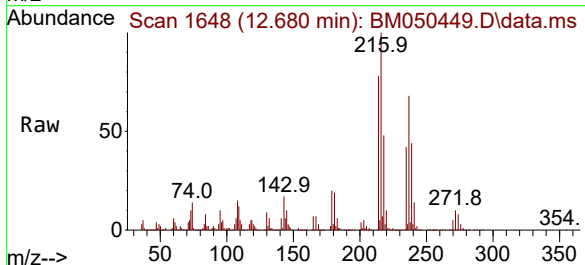
Instrument :
BNA_M
ClientSampleId :
PB168845BS



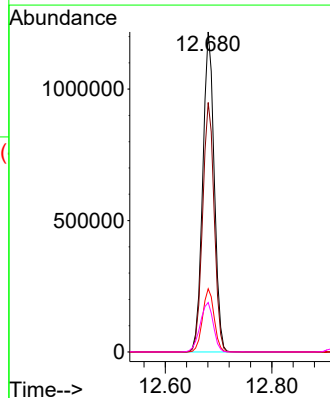
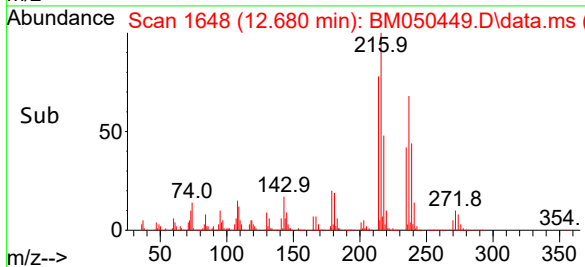
Tgt Ion:164 Resp: 1201064
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 44.1 36.2 54.4

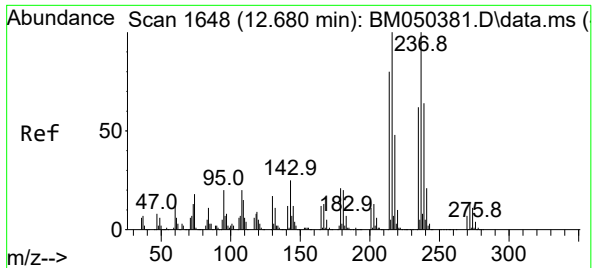


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.478 ng
RT: 12.680 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50



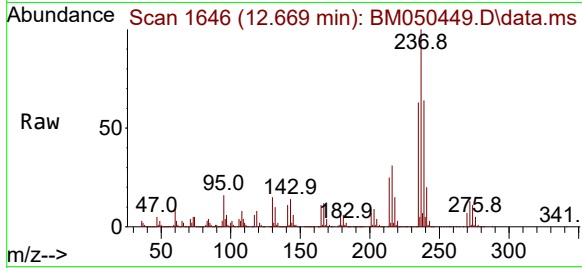
Tgt Ion:216 Resp: 1813427
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 19.9 16.4 24.6
108 17.8 13.9 20.9



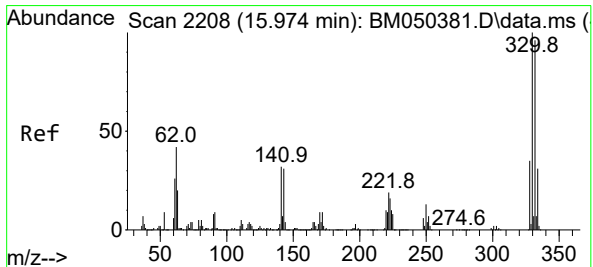
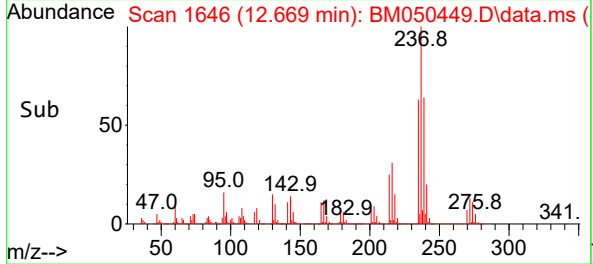
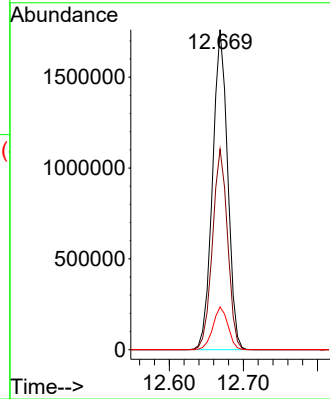


#41
Hexachlorocyclopentadiene
Concen: 101.923 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Instrument :
BNA_M
ClientSampleId :
PB168845BS

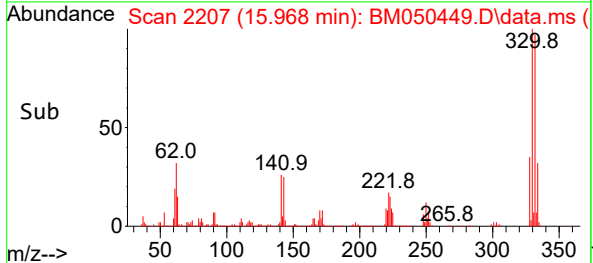
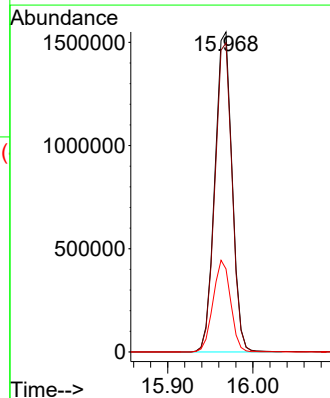
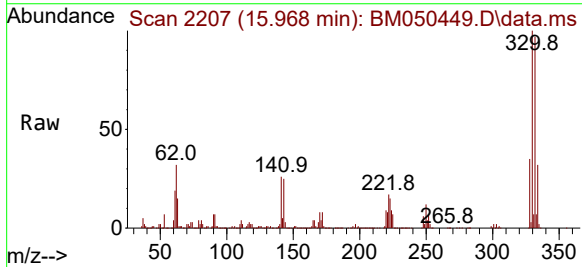


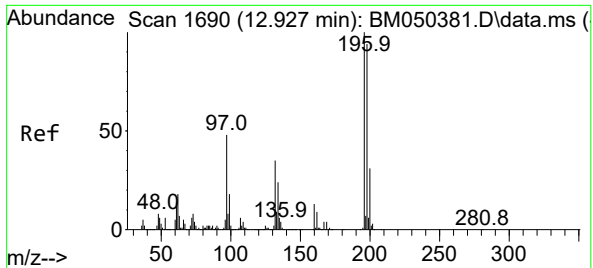
Tgt Ion:237 Resp: 2488427
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 149.091 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:330 Resp: 2175692
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 29.3 27.4 41.0

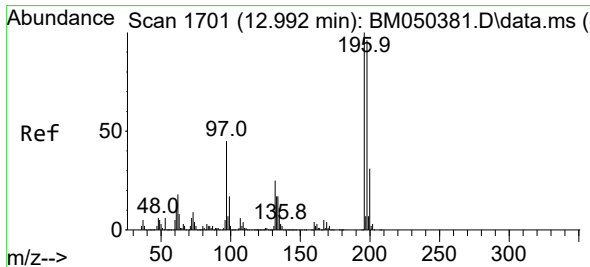
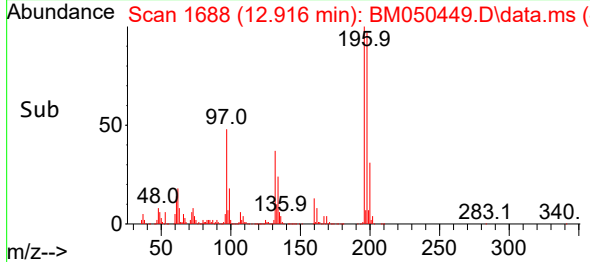
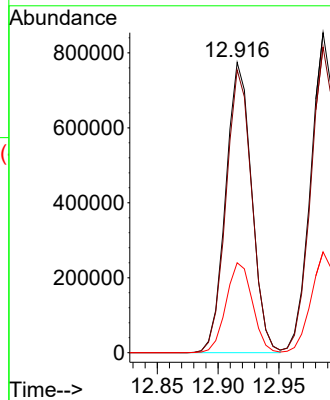
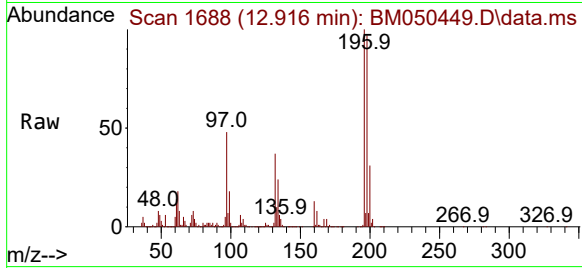




#43
2,4,6-Trichlorophenol
Concen: 48.909 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

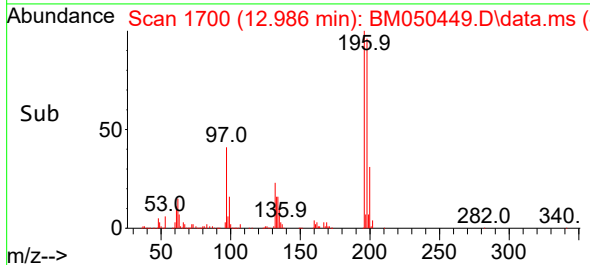
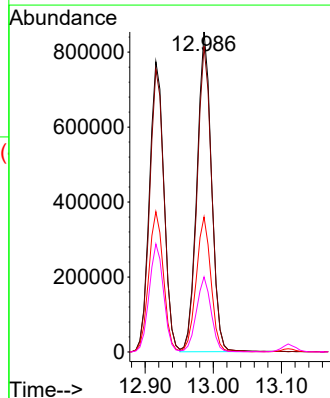
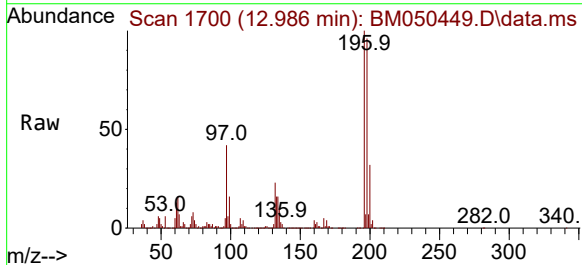
Instrument :
BNA_M
ClientSampleId :
PB168845BS

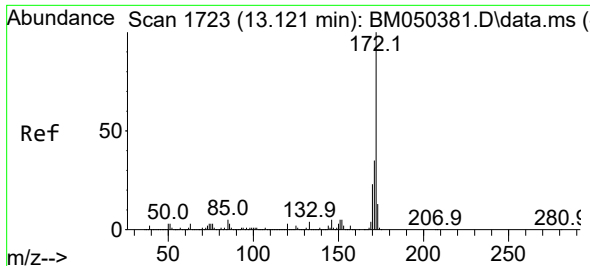
Tgt Ion:196 Resp: 1149877
Ion Ratio Lower Upper
196 100
198 97.4 75.1 112.7
200 31.0 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.144 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:196 Resp: 1261847
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
97 42.2 36.2 54.4
132 23.5 19.9 29.9

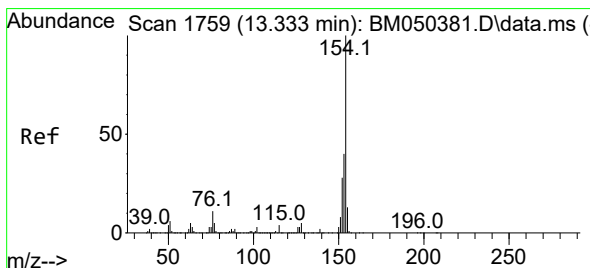
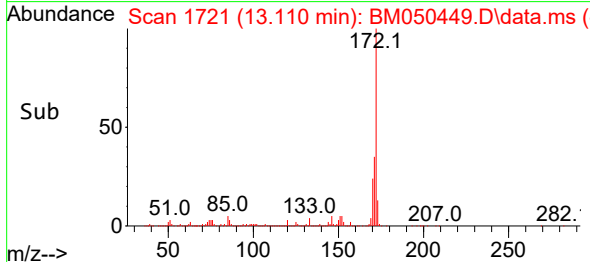
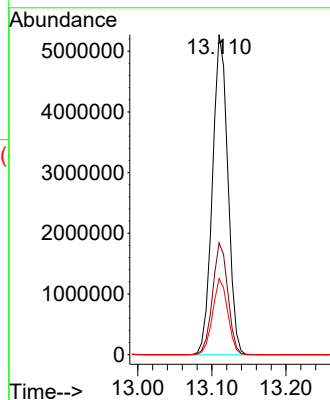
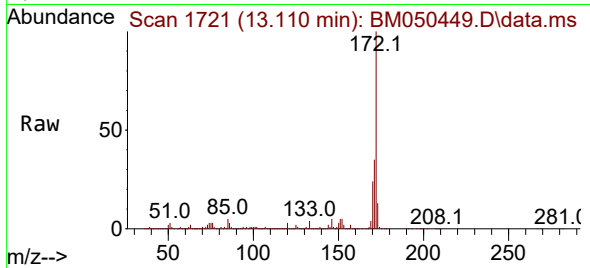




#45
2-Fluorobiphenyl
Concen: 78.109 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

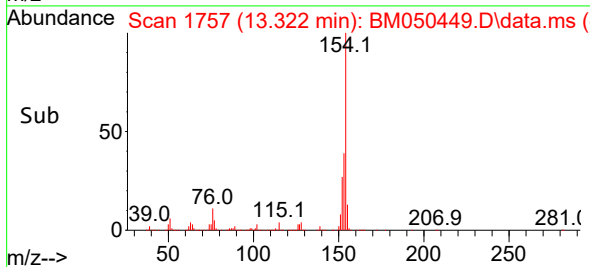
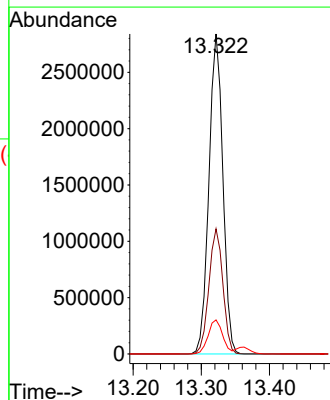
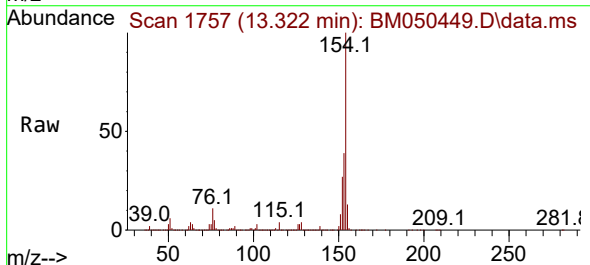
Instrument :
BNA_M
ClientSampleId :
PB168845BS

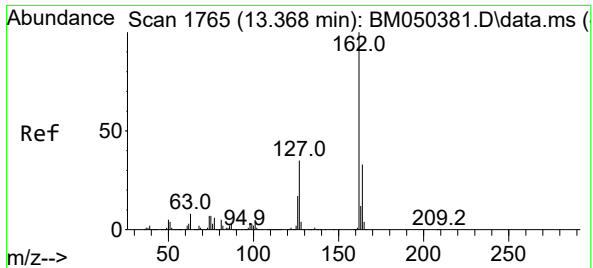
Tgt Ion:172 Resp: 7596668
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.236 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:154 Resp: 4030985
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 10.7 0.0 30.9

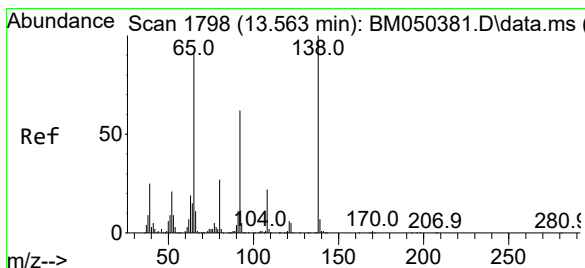
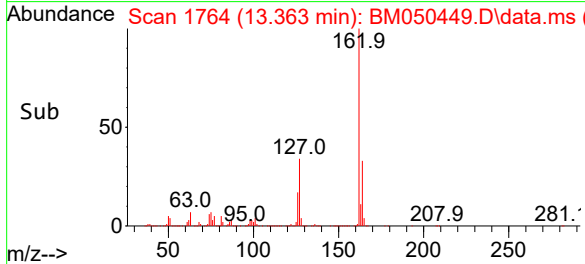
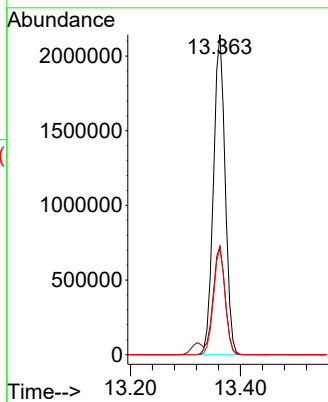
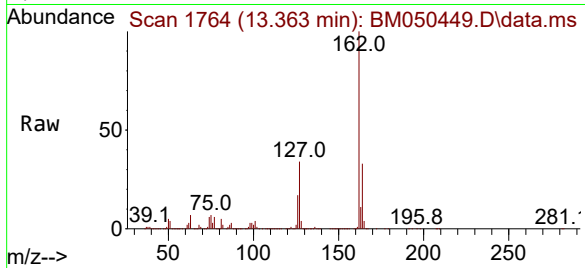




#47
2-Chloronaphthalene
Concen: 44.666 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

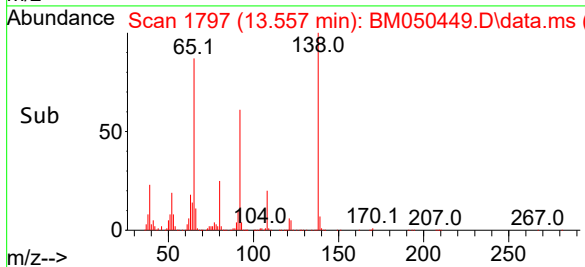
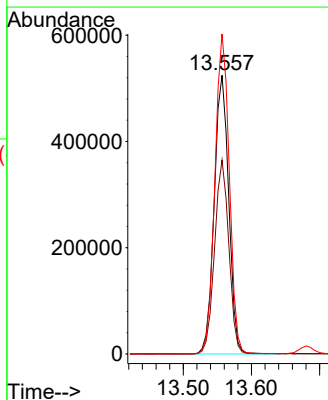
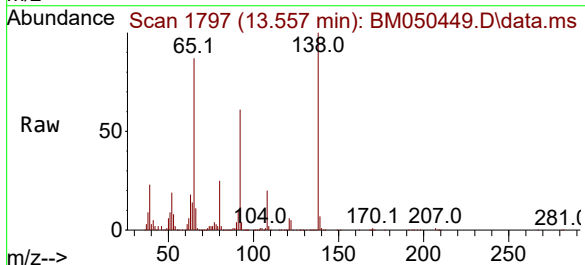
Instrument :
BNA_M
ClientSampleId :
PB168845BS

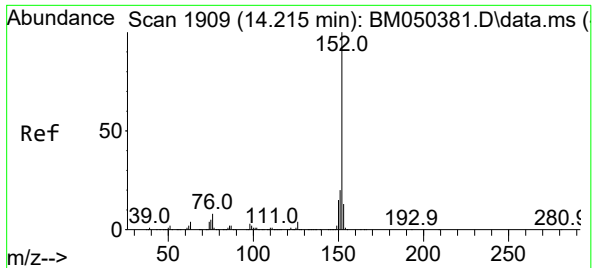
Tgt Ion:162 Resp: 3173492
Ion Ratio Lower Upper
162 100
127 33.9 28.3 42.5
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 49.050 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 65 Resp: 777873
Ion Ratio Lower Upper
65 100
92 69.6 54.3 81.5
138 114.8 87.8 131.6

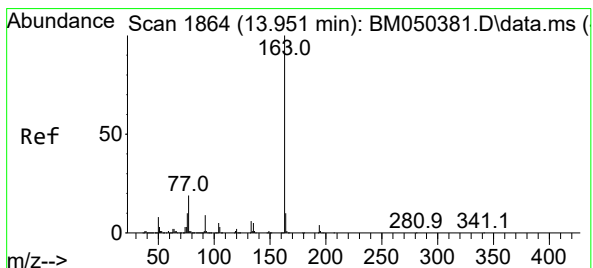
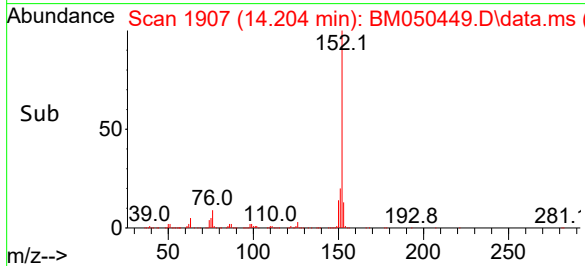
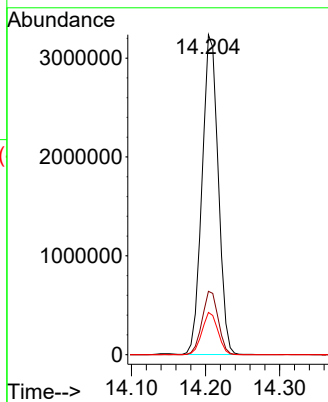
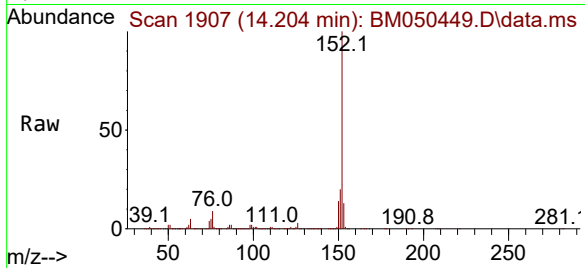




#49
Acenaphthylene
Concen: 45.607 ng
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

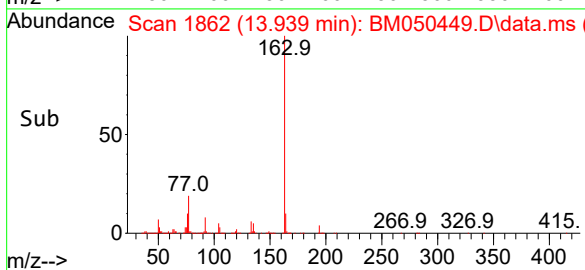
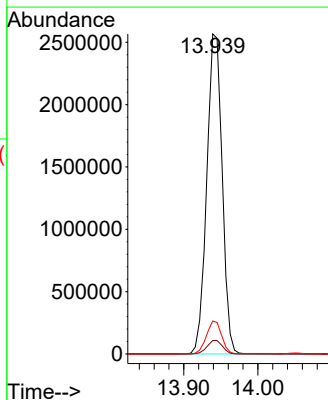
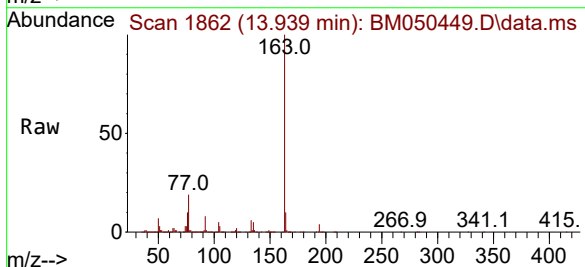
Instrument :
BNA_M
ClientSampleId :
PB168845BS

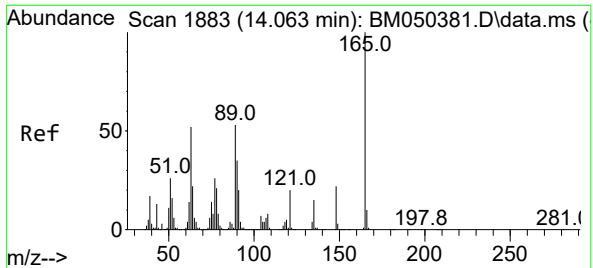
Tgt Ion:152 Resp: 4897097
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 44.800 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:163 Resp: 3704512
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.2 12.2

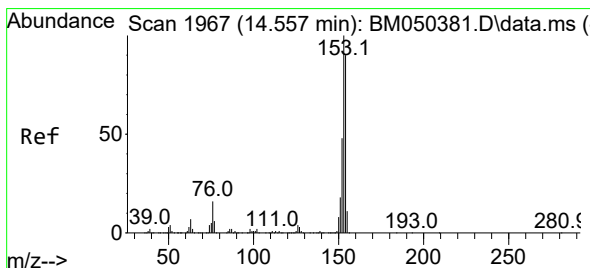
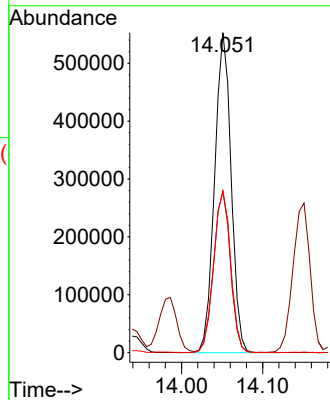
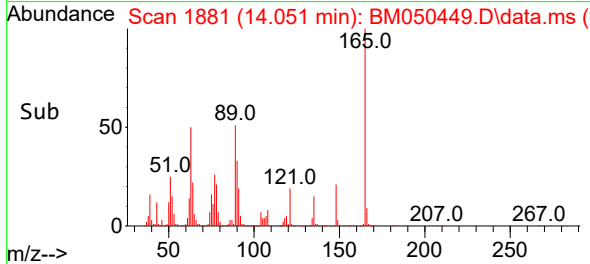
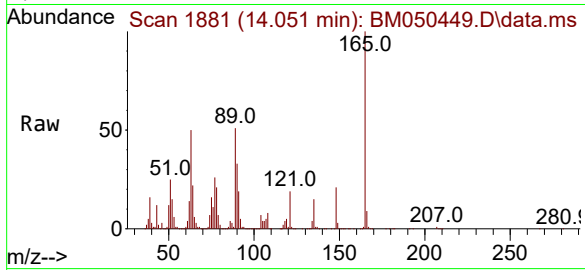




#51
2,6-Dinitrotoluene
Concen: 49.150 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

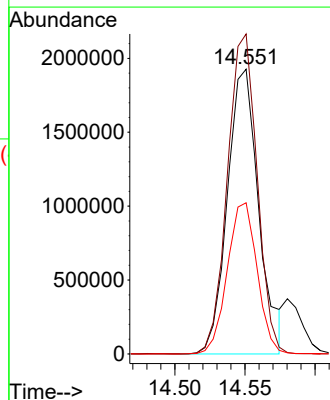
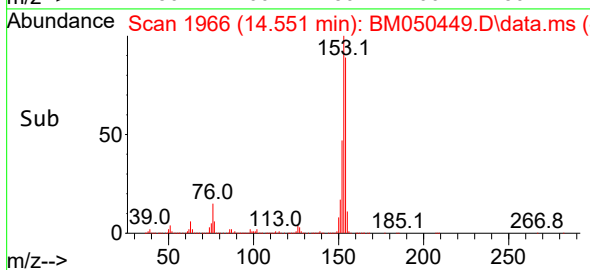
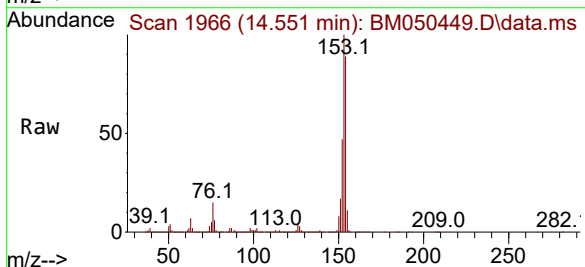
Instrument :
BNA_M
ClientSampleId :
PB168845BS

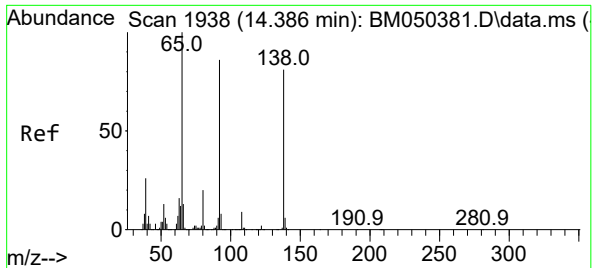
Tgt Ion:165 Resp: 780349
Ion Ratio Lower Upper
165 100
63 50.4 42.4 63.6
89 50.6 42.2 63.2



#52
Acenaphthene
Concen: 43.976 ng m
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:154 Resp: 3002019
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 53.1 42.6 64.0

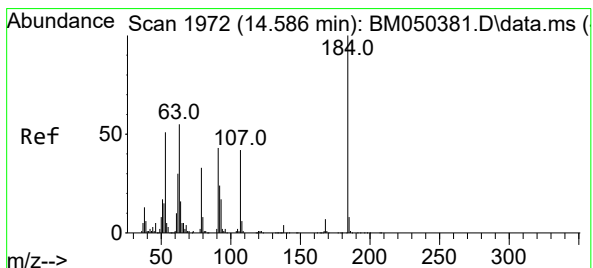
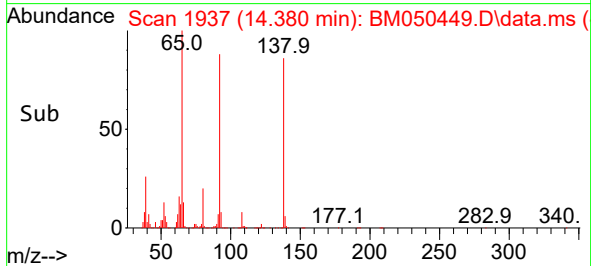
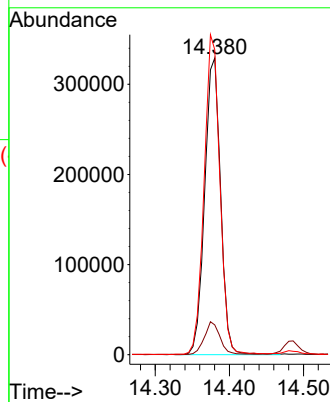
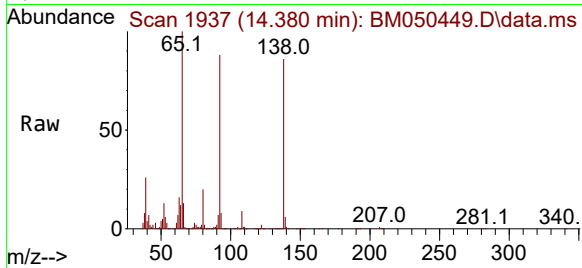




#53
3-Nitroaniline
Concen: 29.096 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

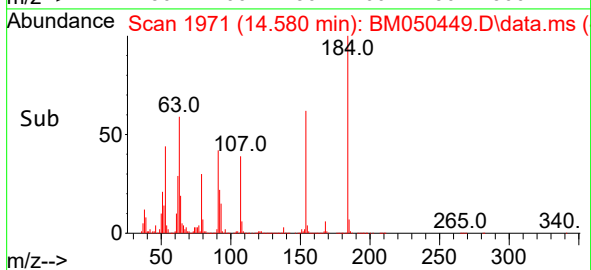
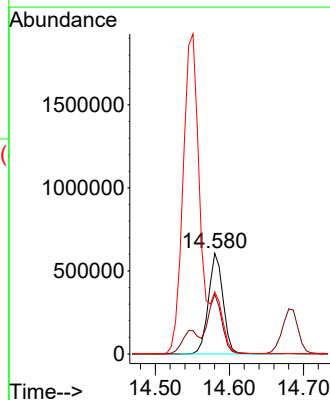
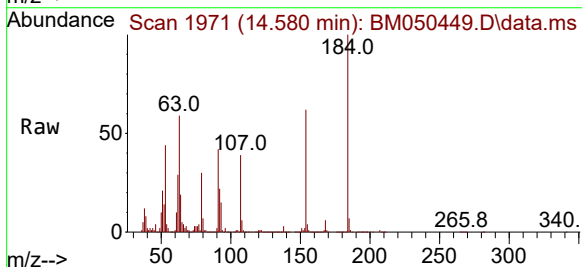
Instrument :
BNA_M
ClientSampleId :
PB168845BS

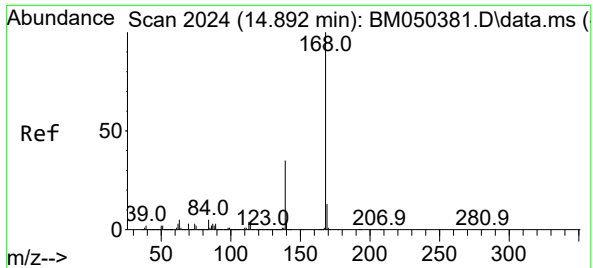
Tgt Ion:138 Resp: 491285
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 102.8 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 93.609 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:184 Resp: 830481
Ion Ratio Lower Upper
184 100
63 59.3 53.4 80.0
154 61.7 61.6 92.4

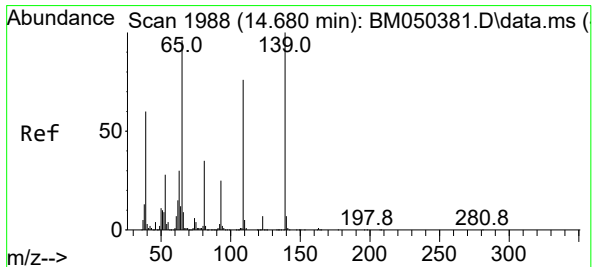
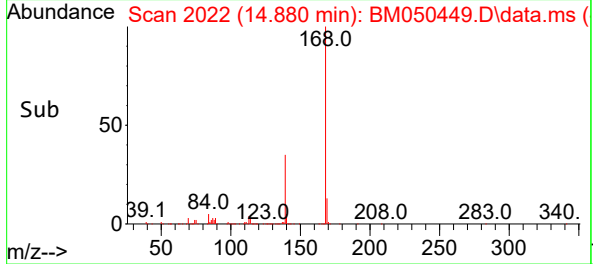
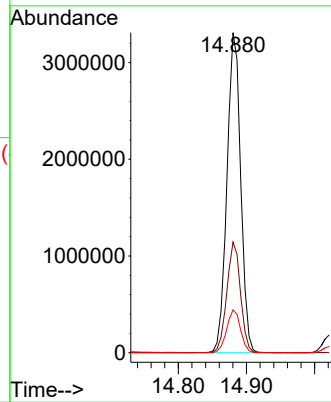
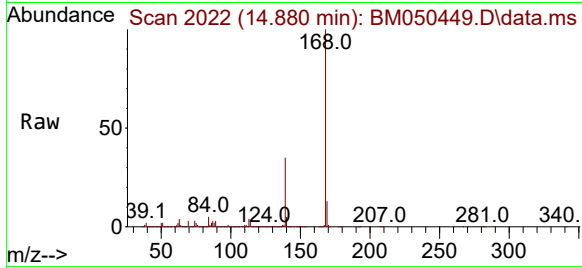




#55
Dibenzenofuran
Concen: 43.993 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

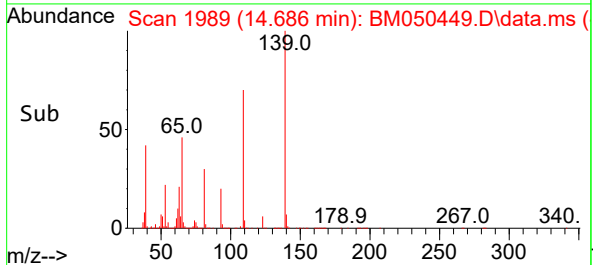
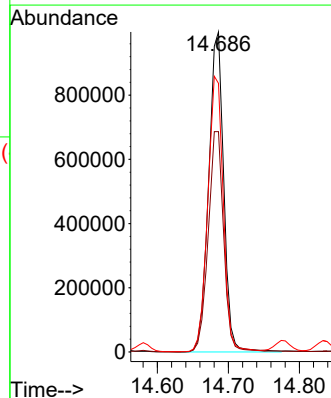
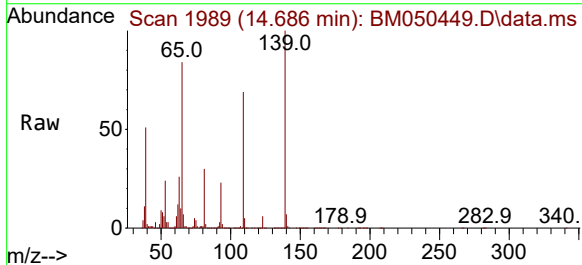
Instrument :
BNA_M
ClientSampleId :
PB168845BS

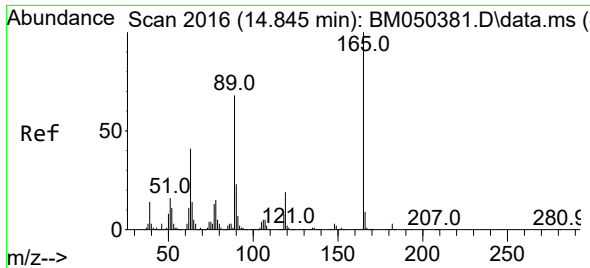
Tgt Ion:168 Resp: 4627351
Ion Ratio Lower Upper
168 100
139 34.6 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 101.721 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:139 Resp: 1477021
Ion Ratio Lower Upper
139 100
109 68.8 56.5 96.5
65 84.0 76.4 116.4

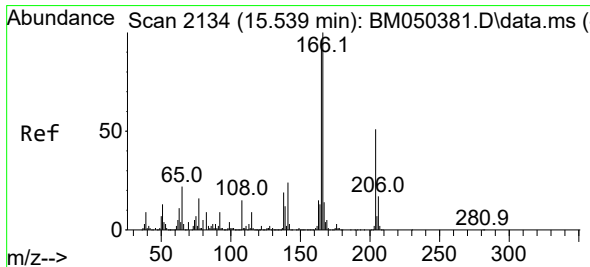
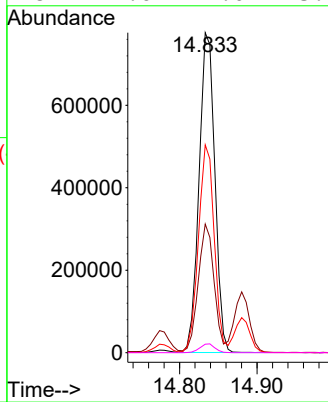
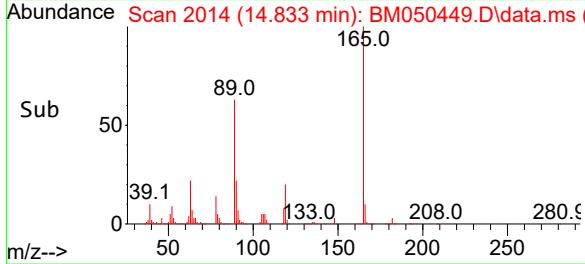
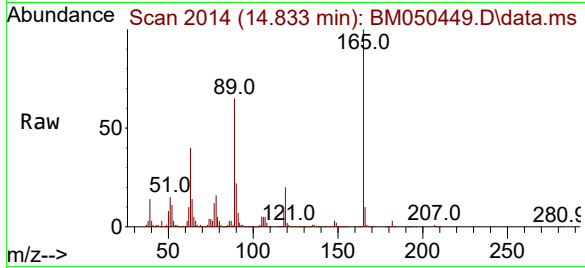




#57
2,4-Dinitrotoluene
Concen: 46.332 ng
RT: 14.833 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

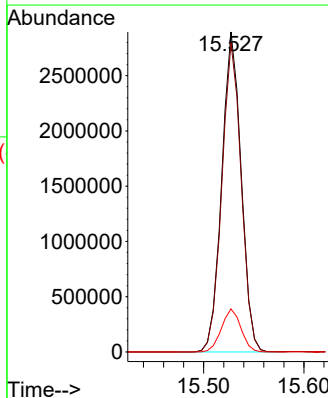
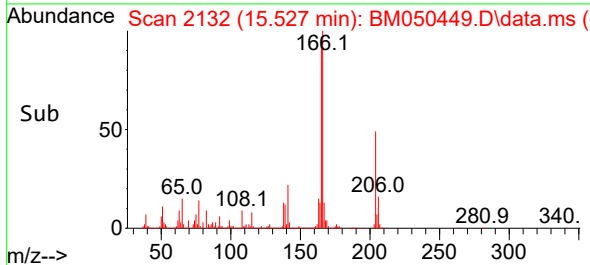
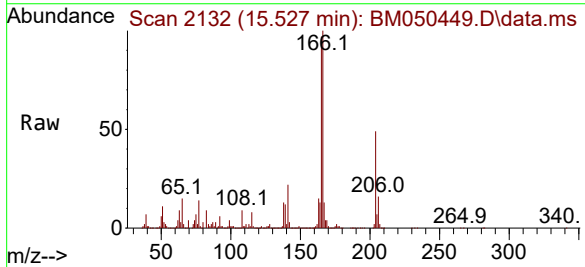
Instrument :
BNA_M
ClientSampleId :
PB168845BS

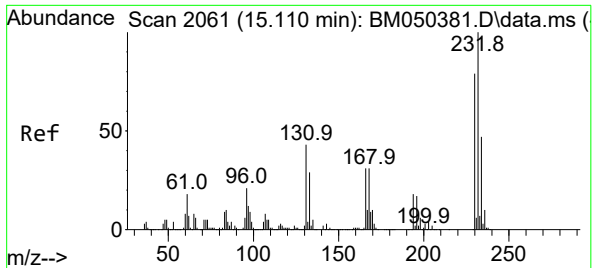
Tgt Ion:165 Resp: 1098831
Ion Ratio Lower Upper
165 100
63 40.2 32.5 48.7
89 65.0 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.791 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:166 Resp: 3880558
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.6
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.766 ng

RT: 15.104 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

Instrument :

BNA_M

ClientSampleId :

PB168845BS

Tgt Ion:232 Resp: 1075655

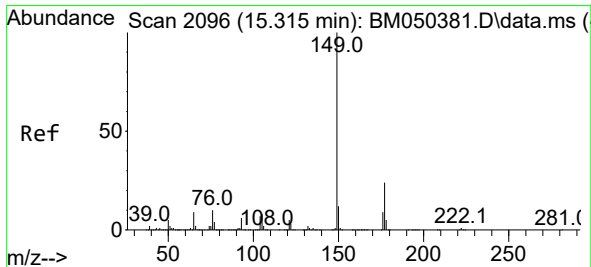
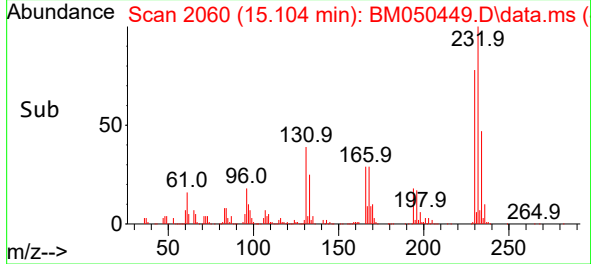
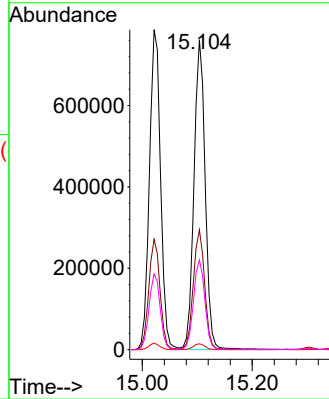
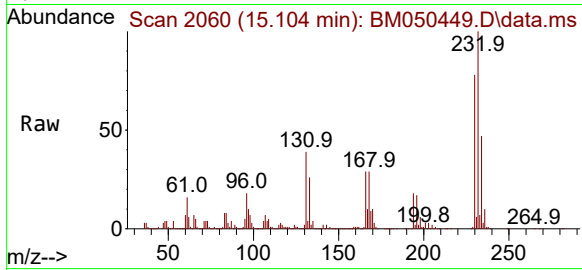
Ion Ratio Lower Upper

232 100

131 38.8 33.4 50.0

130 2.0 1.8 2.6

166 29.4 24.2 36.4



#60

Diethylphthalate

Concen: 45.103 ng

RT: 15.304 min Scan# 2094

Delta R.T. -0.012 min

Lab File: BM050449.D

Acq: 15 Jul 2025 10:50

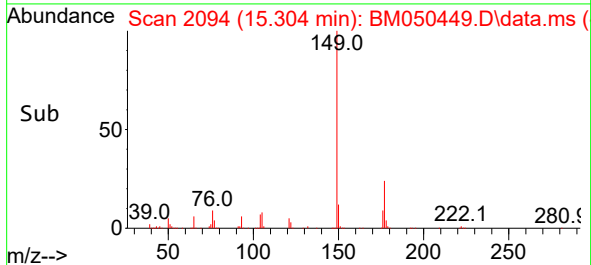
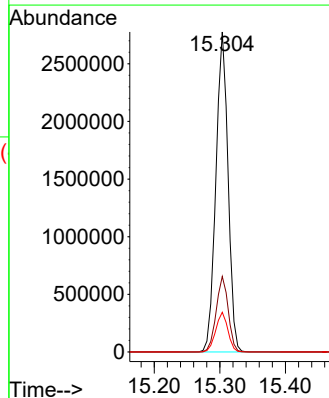
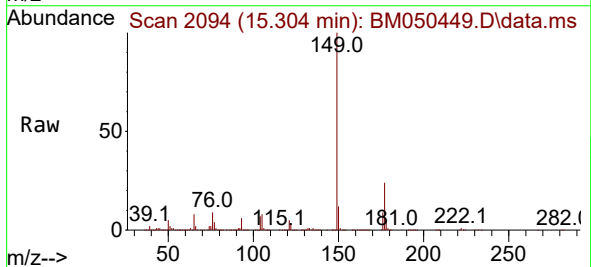
Tgt Ion:149 Resp: 3562643

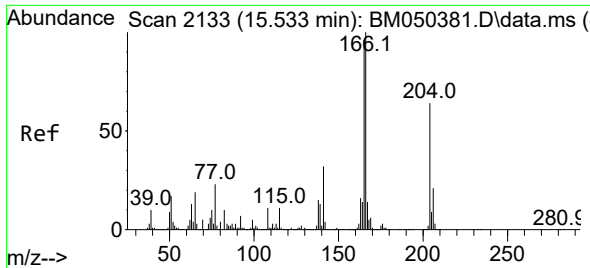
Ion Ratio Lower Upper

149 100

177 23.6 18.8 28.2

150 12.4 9.8 14.8

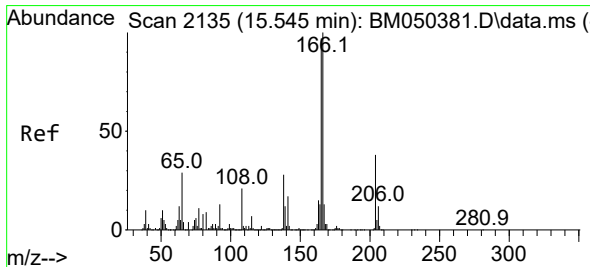
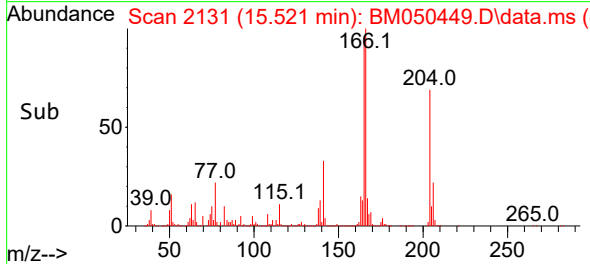
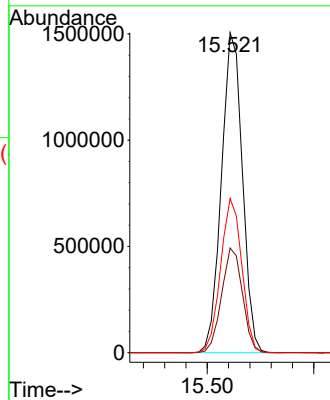
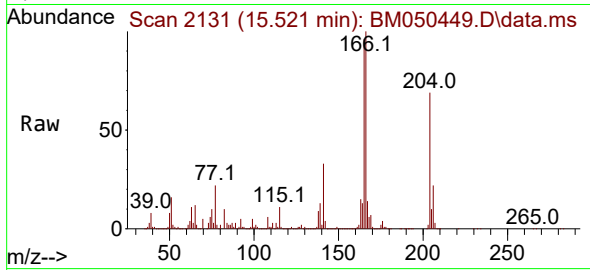




#61
4-Chlorophenyl-phenylether
Concen: 45.380 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

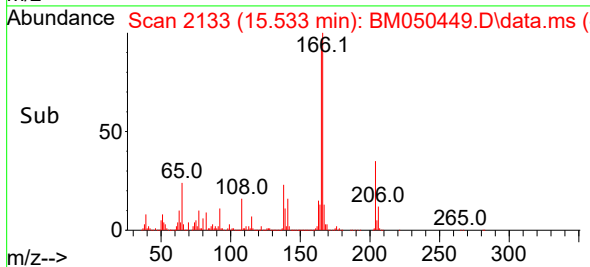
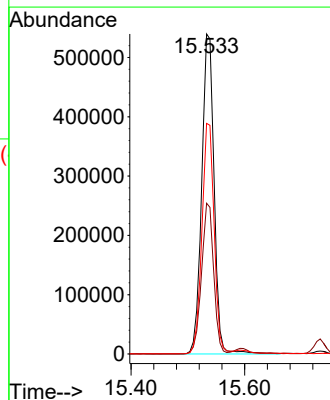
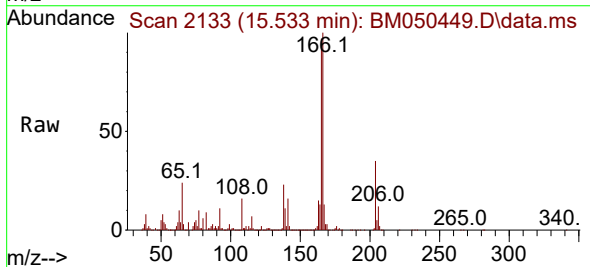
Instrument :
BNA_M
ClientSampleId :
PB168845BS

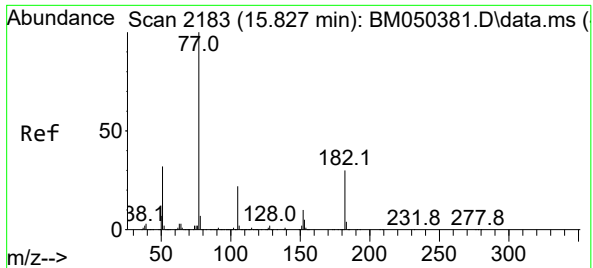
Tgt Ion:204 Resp: 2055772
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 42.395 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:138 Resp: 816764
Ion Ratio Lower Upper
138 100
92 47.1 24.5 64.5
108 72.0 52.5 92.5

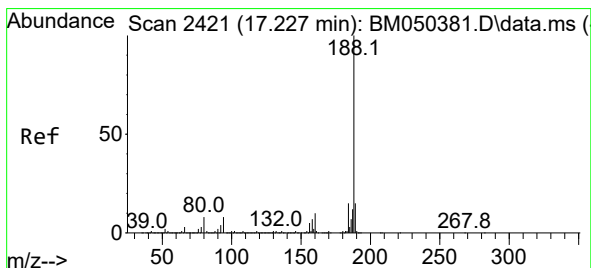
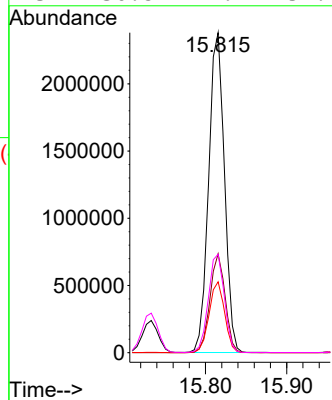
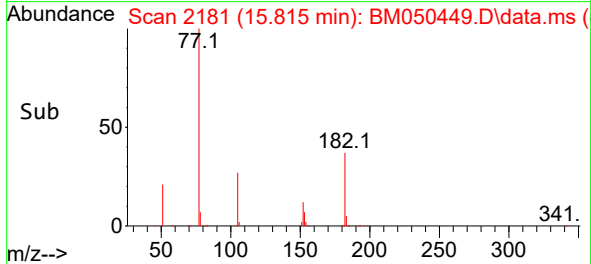
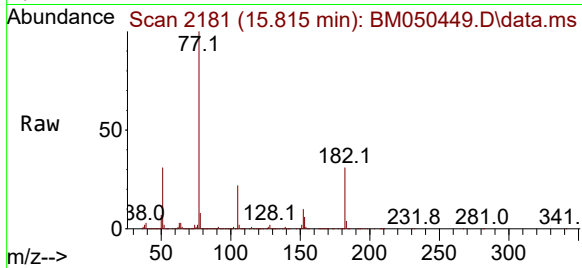




#63
Azobenzene
Concen: 44.149 ng
RT: 15.815 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

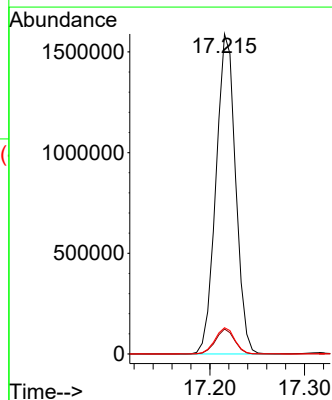
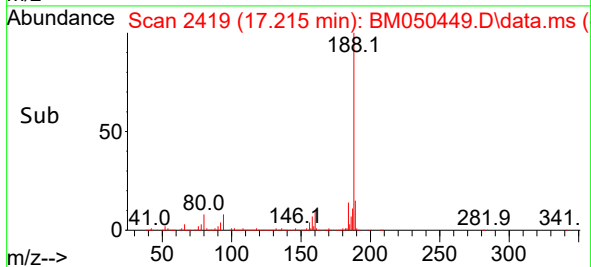
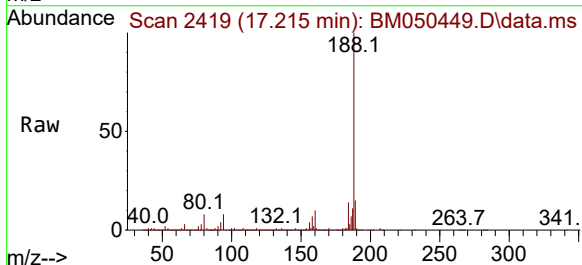
Instrument :
BNA_M
ClientSampleId :
PB168845BS

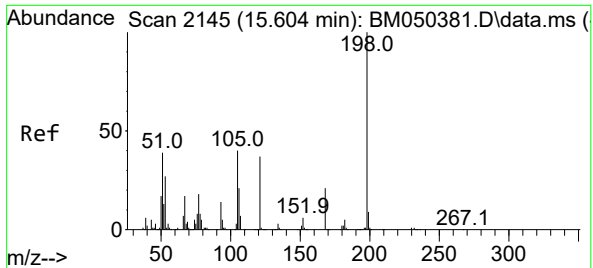
Tgt Ion: 77 Resp: 3202185
Ion Ratio Lower Upper
77 100
182 30.9 10.0 50.0
105 22.1 2.0 42.0
51 30.8 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion: 188 Resp: 2288993
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.2 6.5 9.7

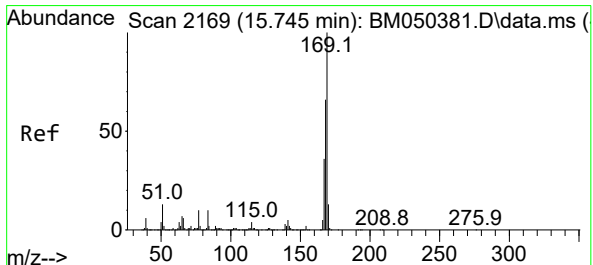
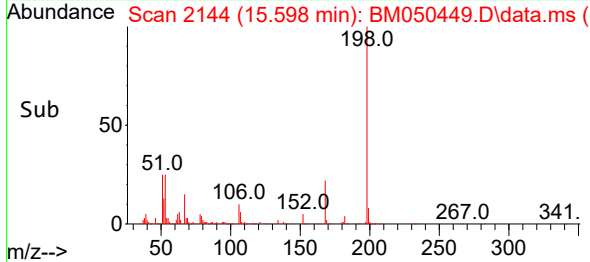
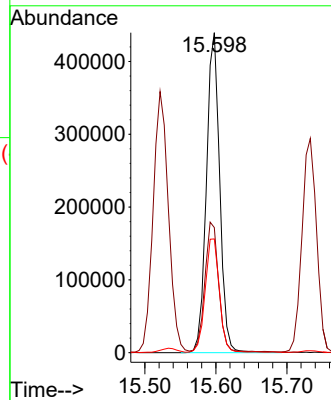
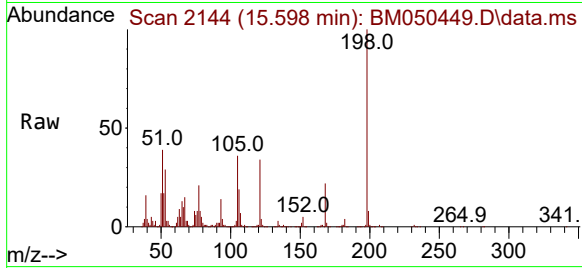




#65
4,6-Dinitro-2-methylphenol
Concen: 46.698 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

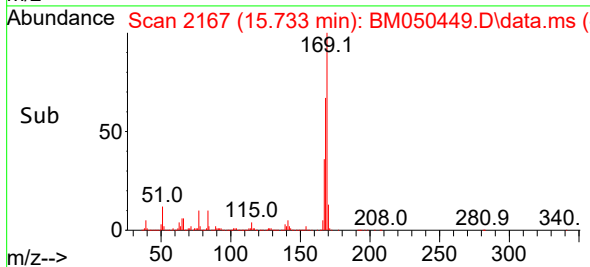
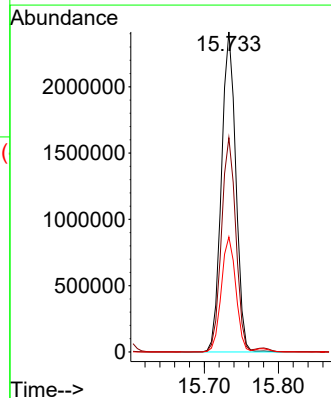
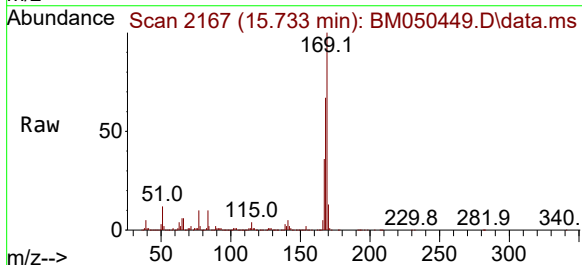
Instrument :
BNA_M
ClientSampleId :
PB168845BS

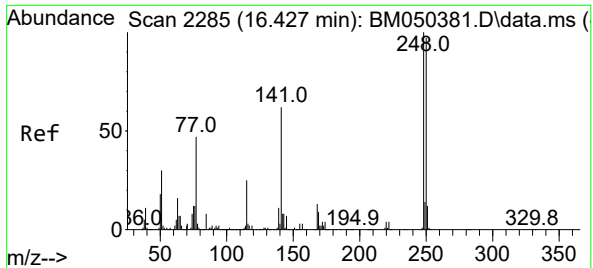
Tgt Ion:198 Resp: 572349
Ion Ratio Lower Upper
198 100
51 39.1 26.6 66.6
105 35.5 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 45.464 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:169 Resp: 3256403
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.0 28.7 43.1

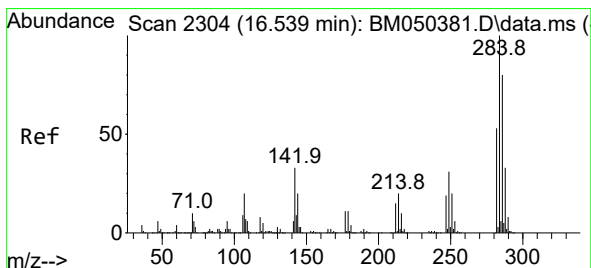
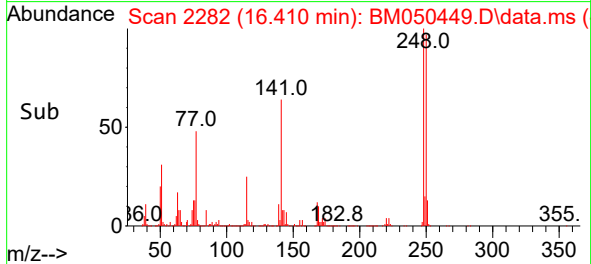
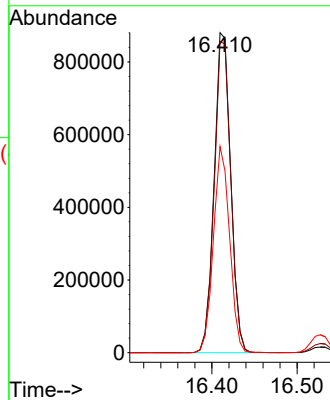
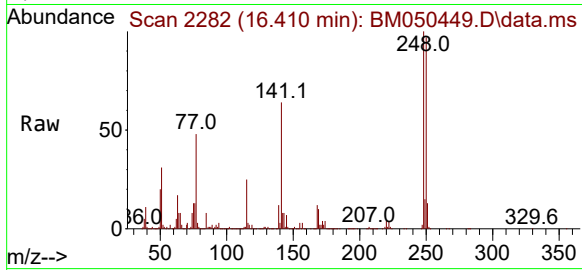




#67
4-Bromophenyl-phenylether
Concen: 47.177 ng
RT: 16.410 min Scan# 211
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

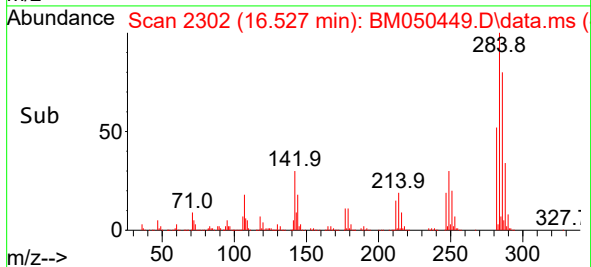
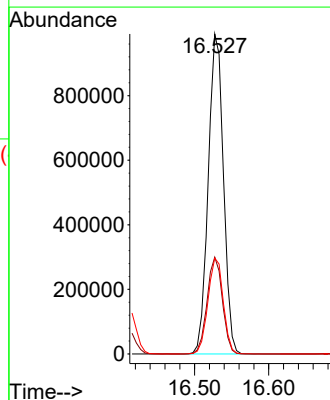
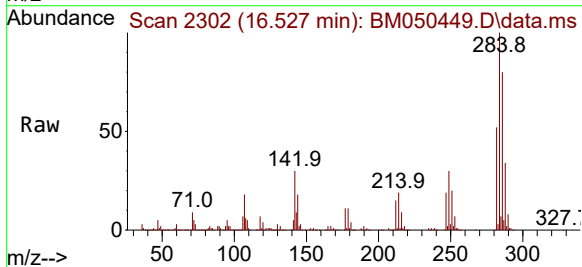
Instrument :
BNA_M
ClientSampleId :
PB168845BS

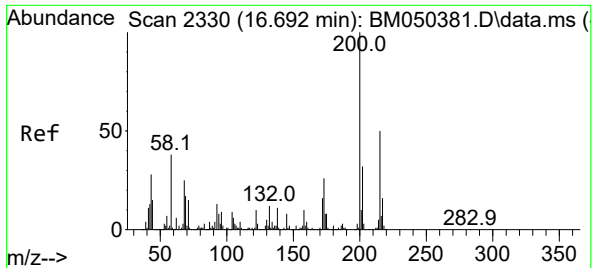
Tgt Ion:248 Resp: 1189767
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 64.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.366 ng
RT: 16.527 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:284 Resp: 1410842
Ion Ratio Lower Upper
284 100
142 30.3 26.8 40.2
249 30.0 24.5 36.7

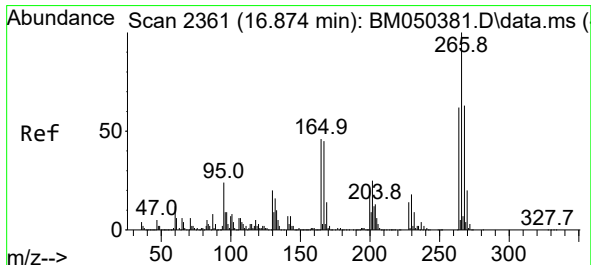
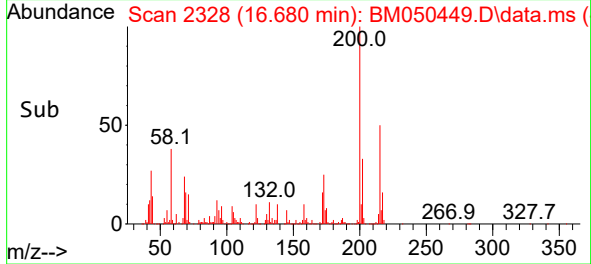
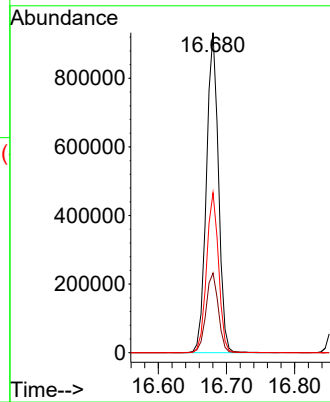
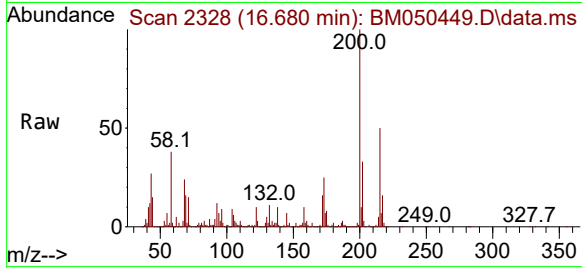




#69
Atrazine
Concen: 48.671 ng
RT: 16.680 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

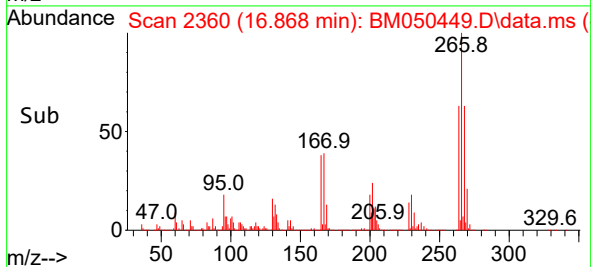
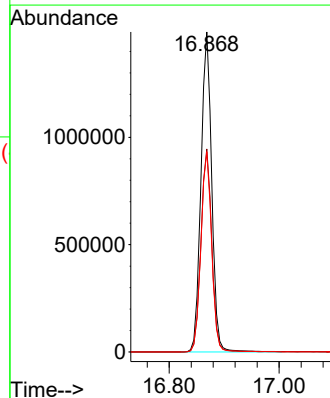
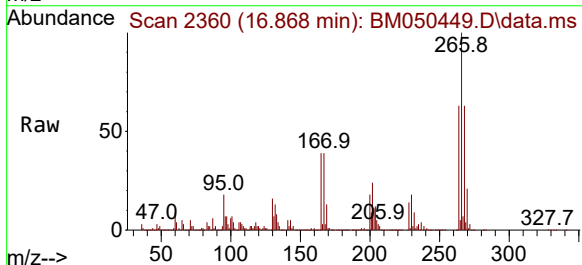
Instrument :
BNA_M
ClientSampleId :
PB168845BS

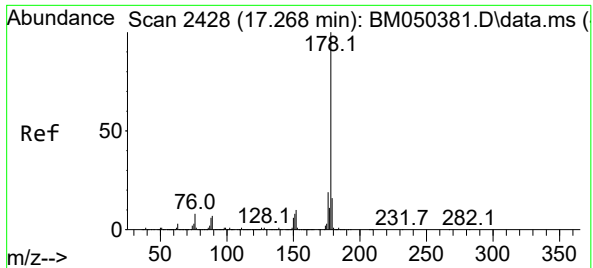
Tgt Ion:200 Resp: 1144720
Ion Ratio Lower Upper
200 100
173 24.9 5.6 45.6
215 50.0 29.6 69.6



#70
Pentachlorophenol
Concen: 109.592 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:266 Resp: 2032081
Ion Ratio Lower Upper
266 100
268 63.5 50.5 75.7
264 62.6 49.9 74.9

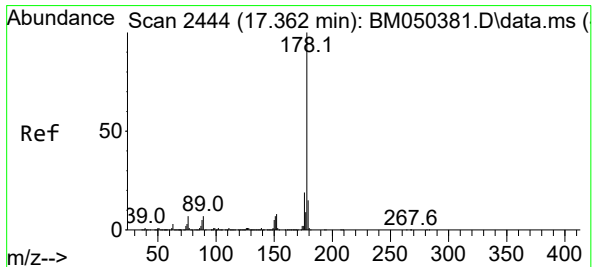
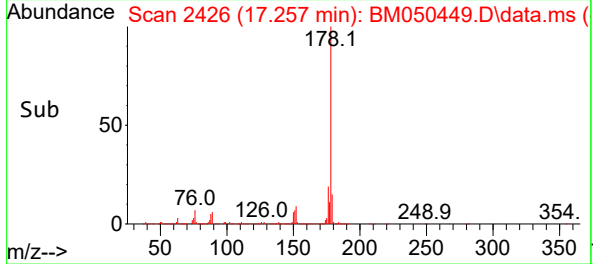
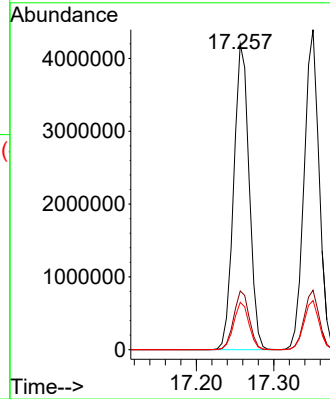
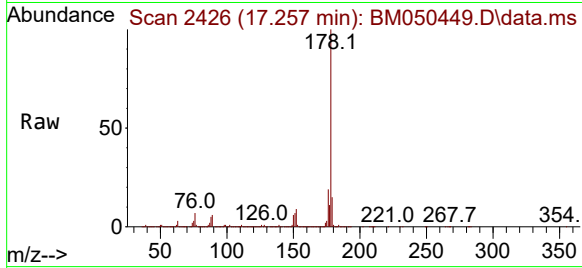




#71
Phenanthrene
Concen: 44.944 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

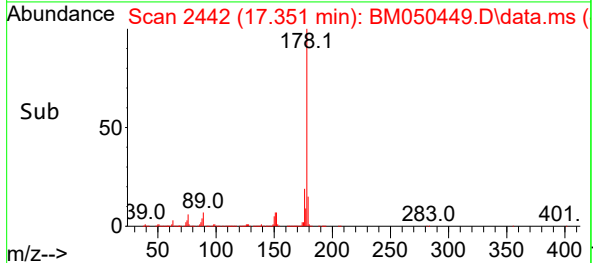
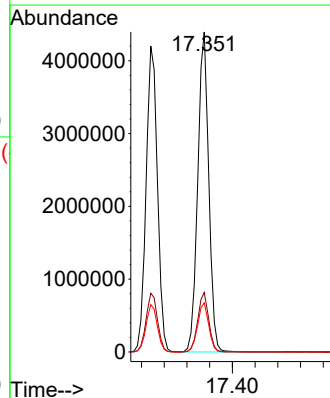
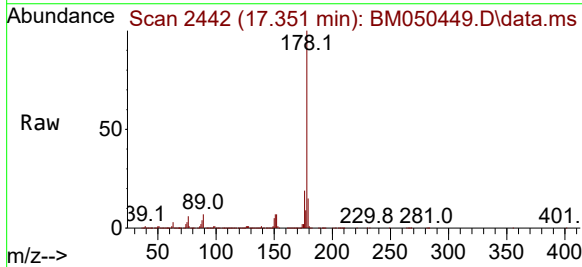
Instrument :
BNA_M
ClientSampleId :
PB168845BS

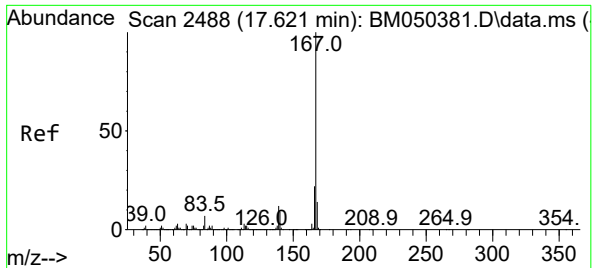
Tgt Ion:178 Resp: 5821338
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 45.996 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:178 Resp: 5930269
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.2 18.4

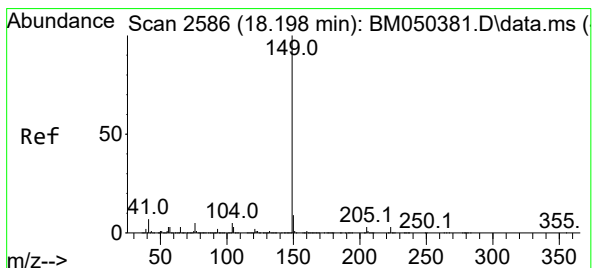
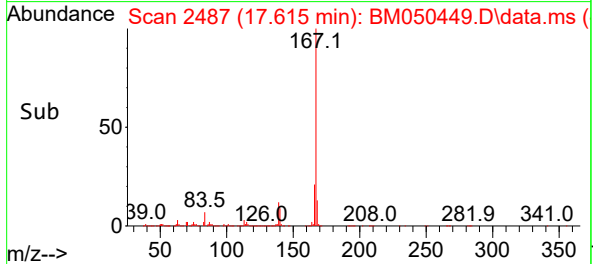
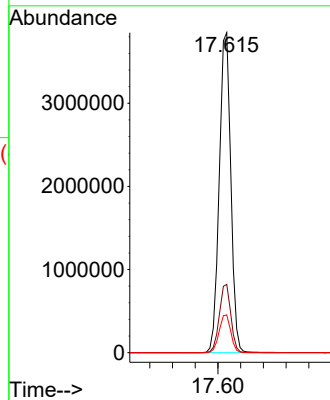
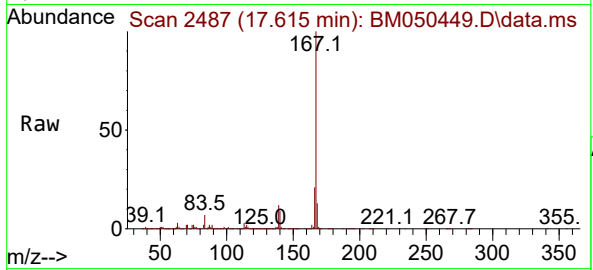




#73
Carbazole
Concen: 46.556 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

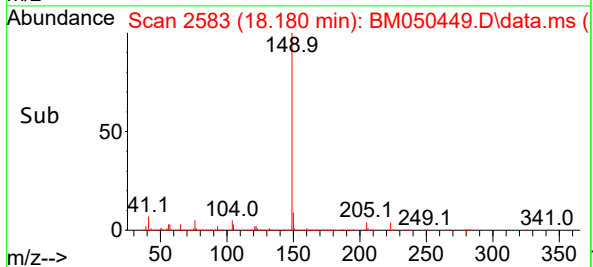
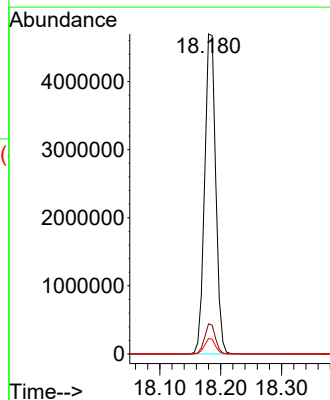
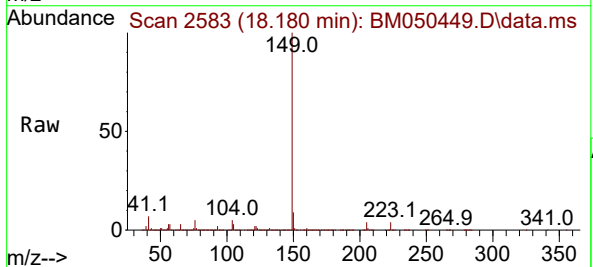
Instrument :
BNA_M
ClientSampleId :
PB168845BS

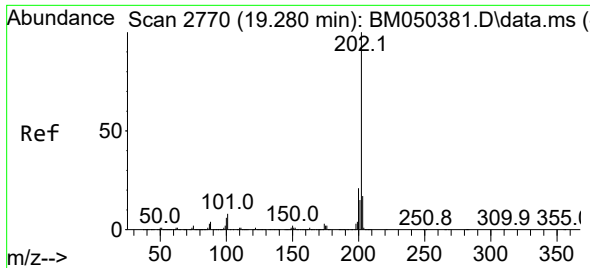
Tgt Ion:167 Resp: 5431099
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 11.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 46.409 ng
RT: 18.180 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 5925871
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.9 5.9

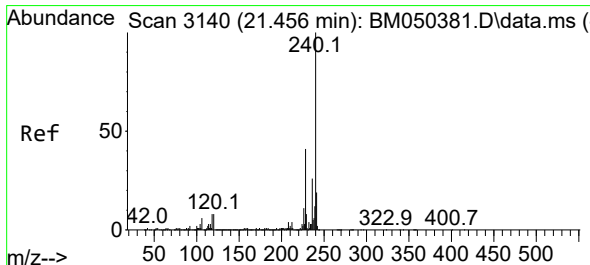
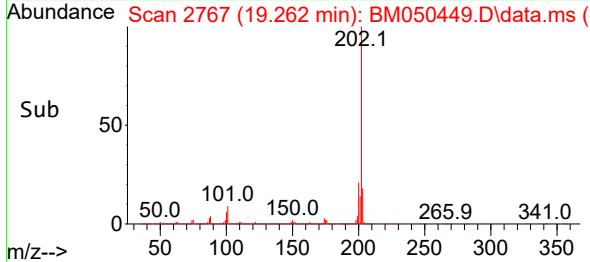
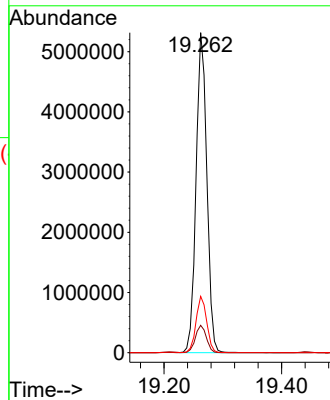
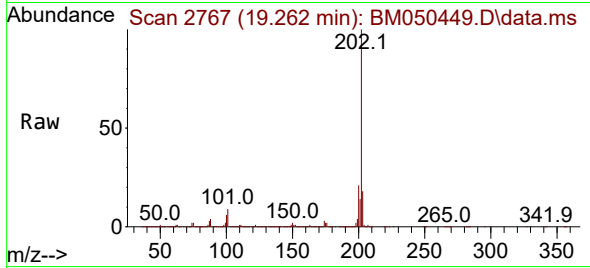




#75
Fluoranthene
Concen: 48.016 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

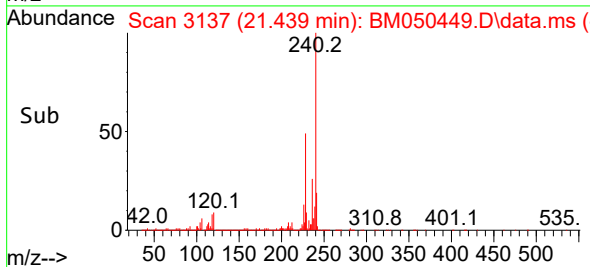
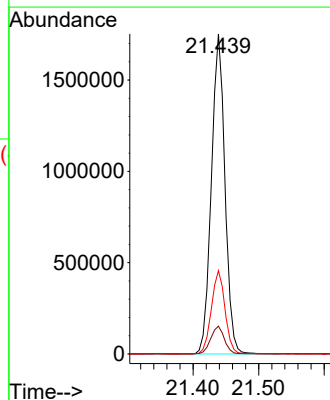
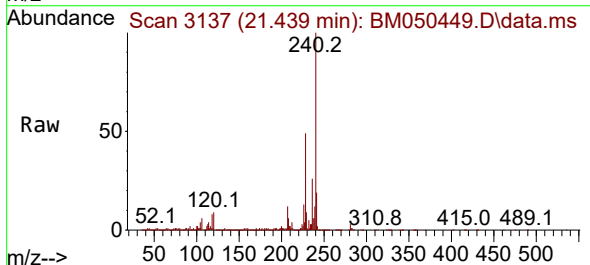
Instrument :
BNA_M
ClientSampleId :
PB168845BS

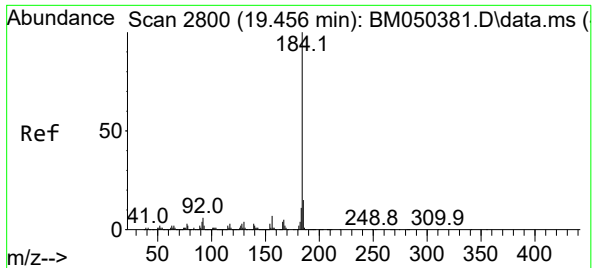
Tgt Ion:202 Resp: 6761057
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.3
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:240 Resp: 2517966
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.1 20.7 31.1

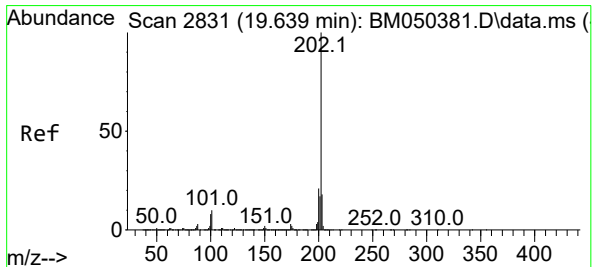
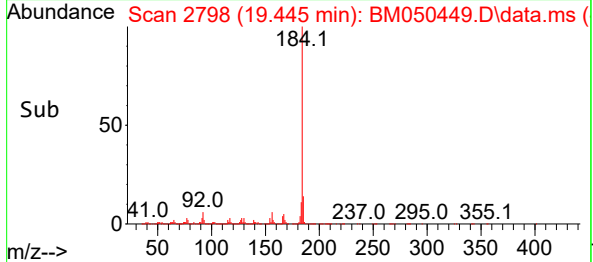
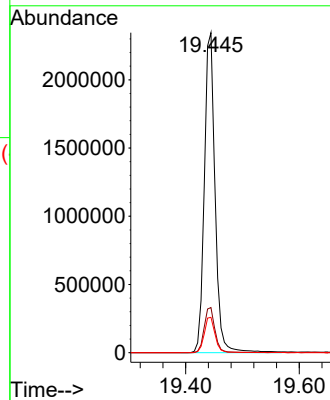
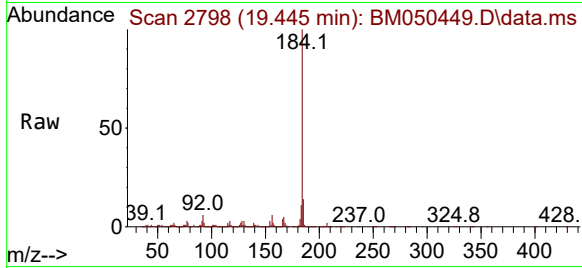




#77
Benzidine
Concen: 47.877 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

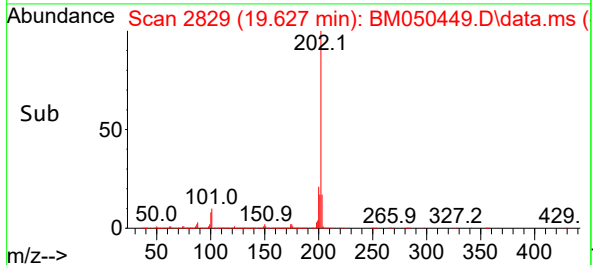
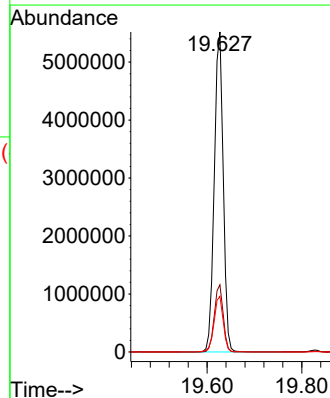
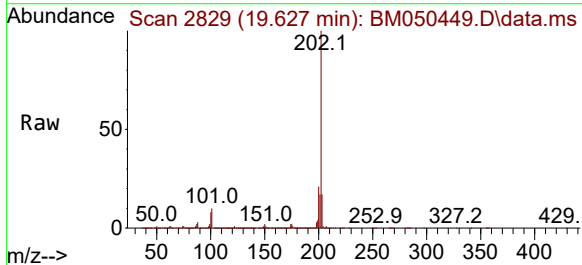
Instrument :
BNA_M
ClientSampleId :
PB168845BS

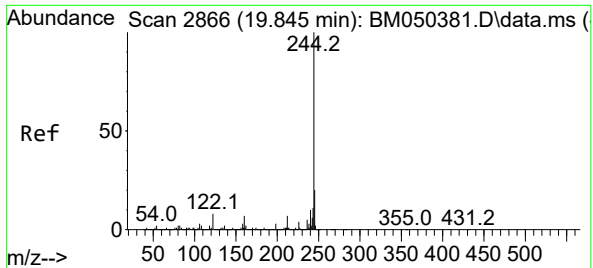
Tgt Ion:184 Resp: 3074845
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.1 9.0 13.6



#78
Pyrene
Concen: 44.888 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:202 Resp: 7238761
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.1 21.1

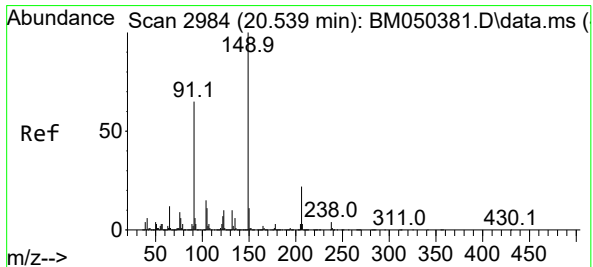
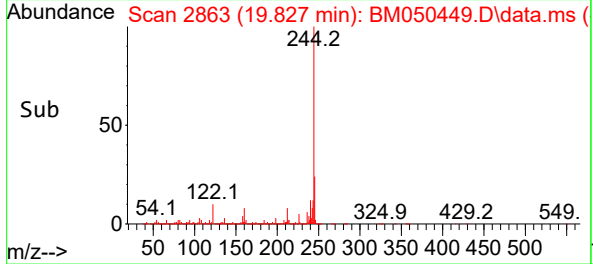
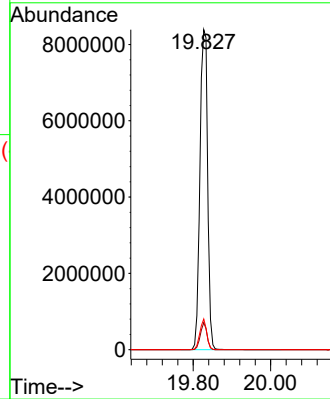
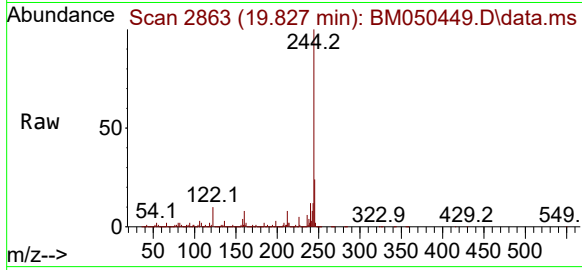




#79
Terphenyl-d14
Concen: 80.252 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

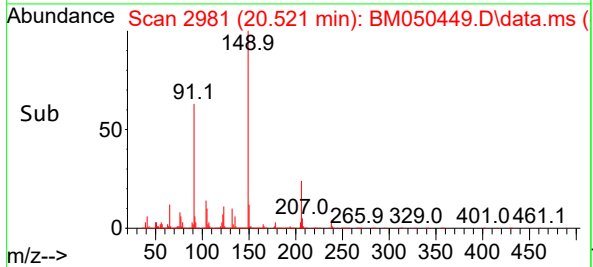
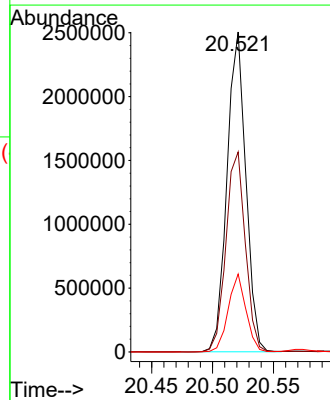
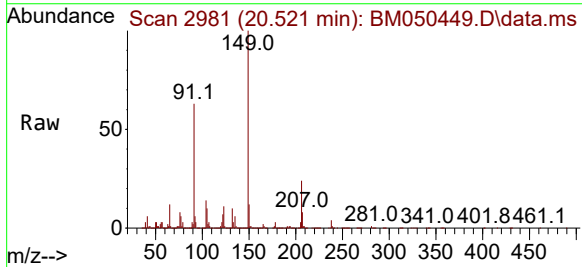
Instrument :
BNA_M
ClientSampleId :
PB168845BS

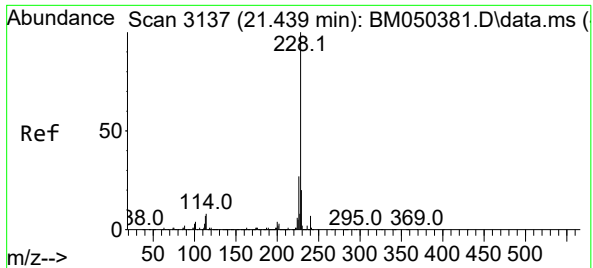
Tgt Ion:244 Resp:11484944
Ion Ratio Lower Upper
244 100
212 8.4 5.7 8.5
122 9.6 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 50.845 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 2703626
Ion Ratio Lower Upper
149 100
91 62.5 51.6 77.4
206 24.4 17.8 26.8

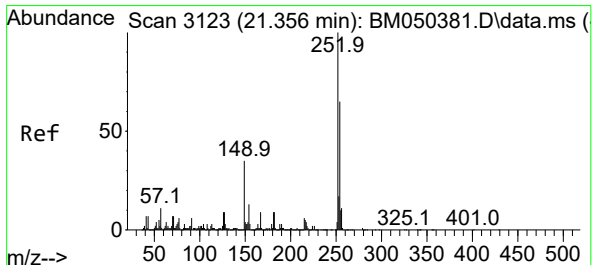
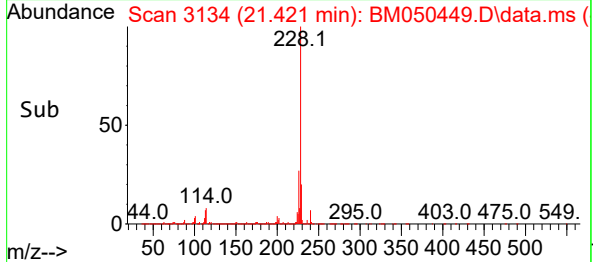
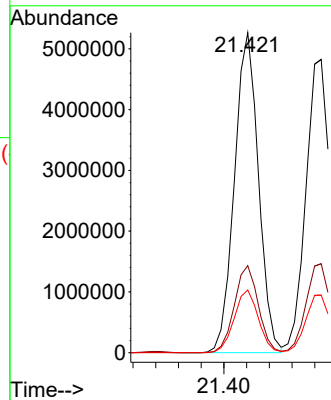
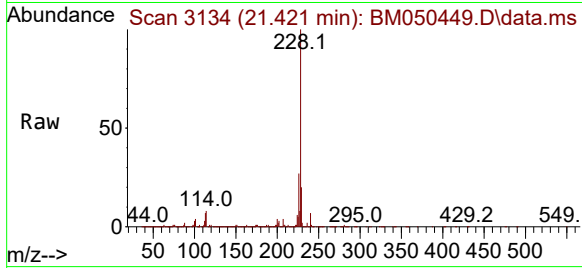




#81
Benzo(a)anthracene
Concen: 47.072 ng
RT: 21.421 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

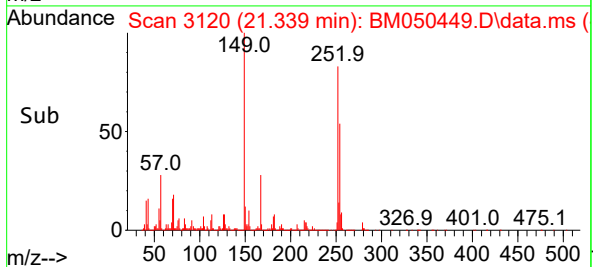
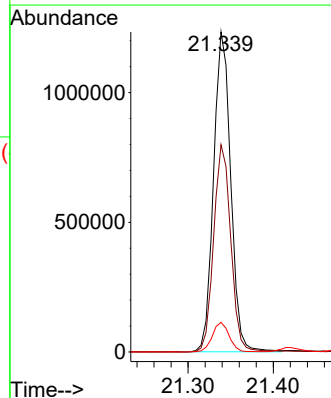
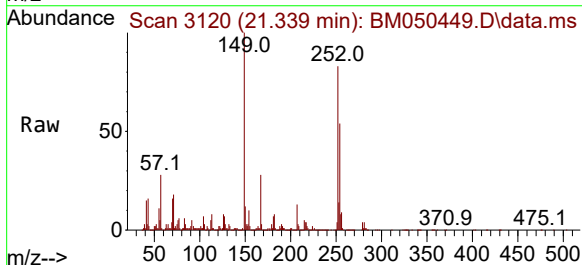
Instrument :
BNA_M
ClientSampleId :
PB168845BS

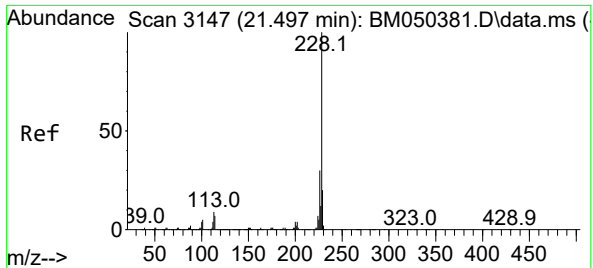
Tgt Ion:228 Resp: 7722828
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.137 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:252 Resp: 1722732
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.3 7.3 10.9

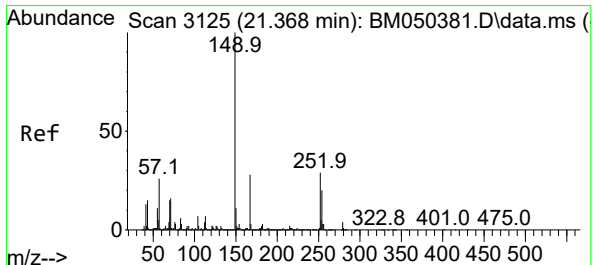
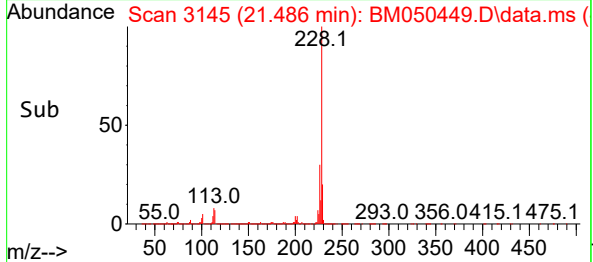
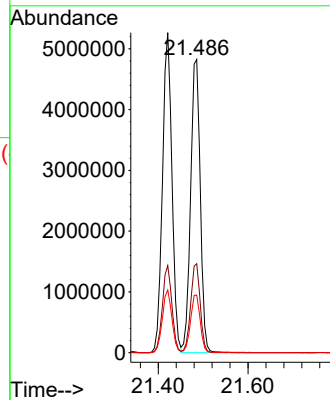
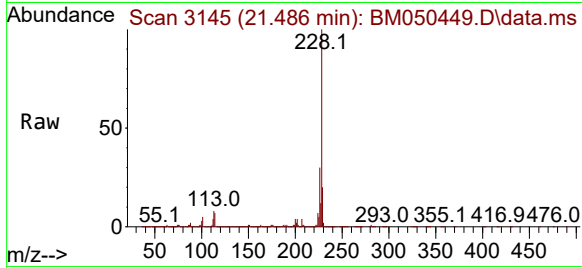




#83
Chrysene
Concen: 46.570 ng
RT: 21.486 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

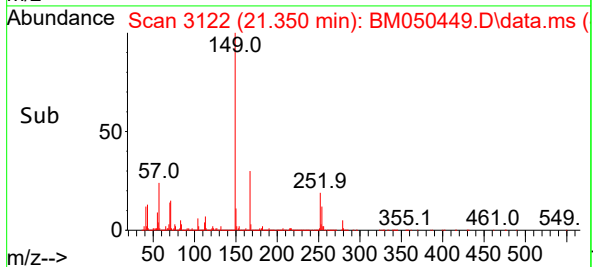
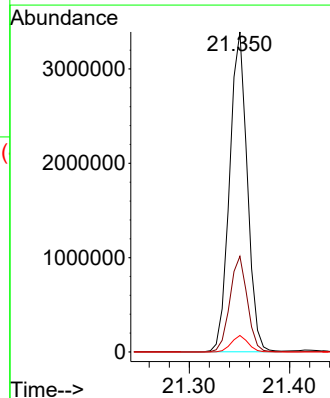
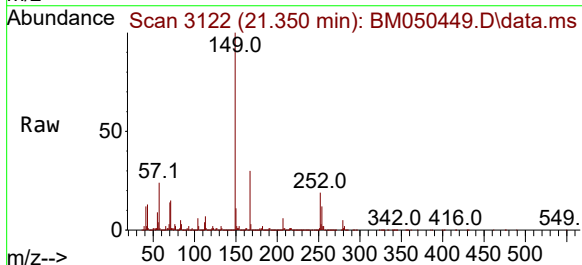
Instrument :
BNA_M
ClientSampleId :
PB168845BS

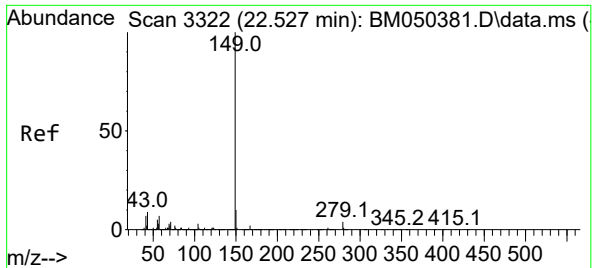
Tgt Ion:228 Resp: 7206519
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.196 ng
RT: 21.350 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:149 Resp: 4152743
Ion Ratio Lower Upper
149 100
167 29.9 22.7 34.1
279 5.1 3.5 5.3

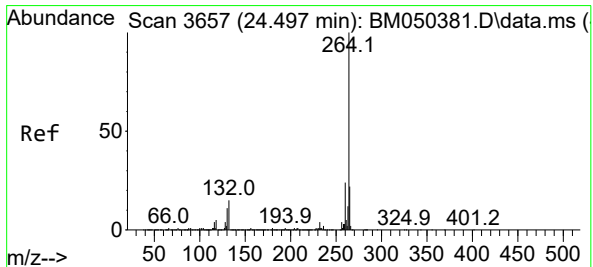
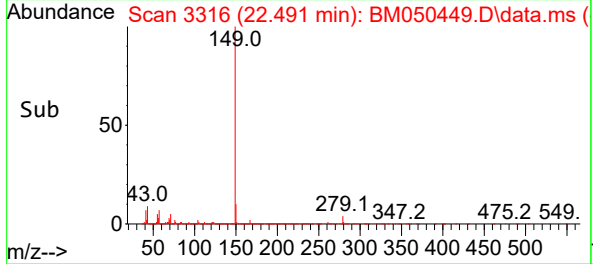
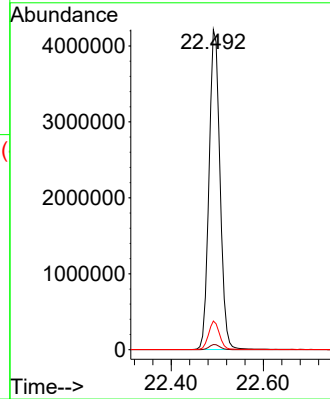
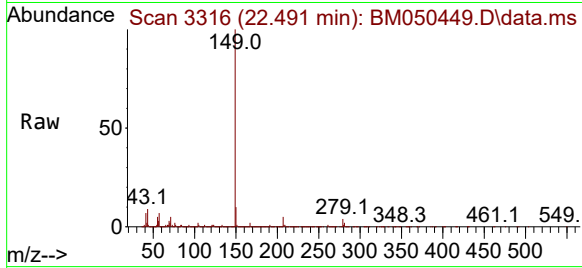




#85
Di-n-octyl phthalate
Concen: 52.997 ng
RT: 22.491 min Scan# 311
Delta R.T. -0.035 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

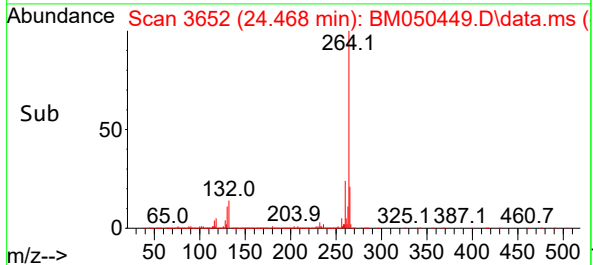
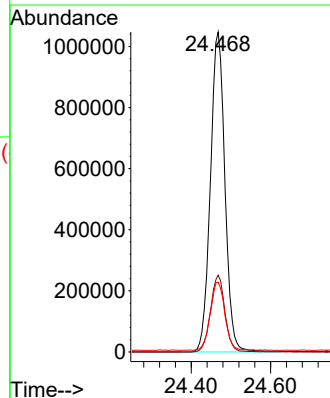
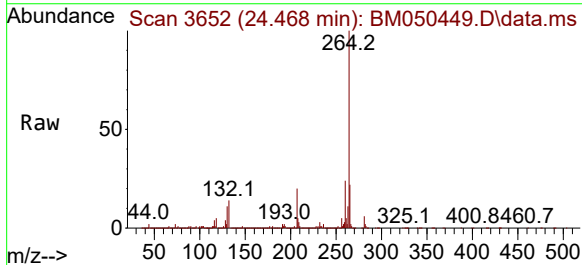
Instrument :
BNA_M
ClientSampleId :
PB168845BS

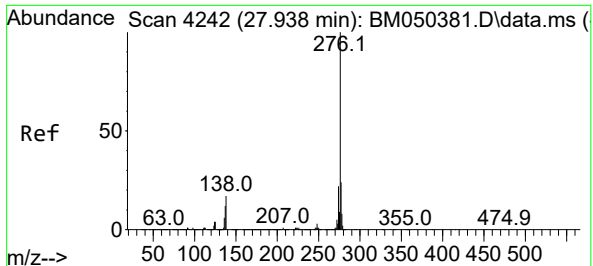
Tgt Ion:149 Resp: 7006614
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:264 Resp: 2659539
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 17.8 26.6

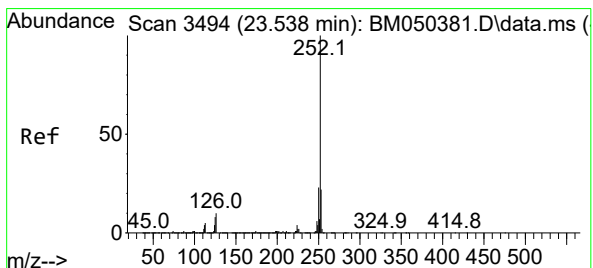
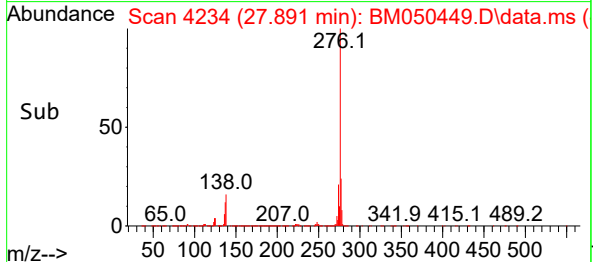
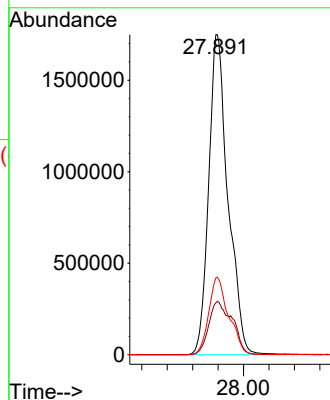
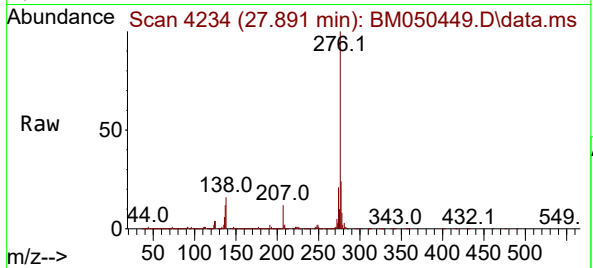




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.840 ng
RT: 27.891 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

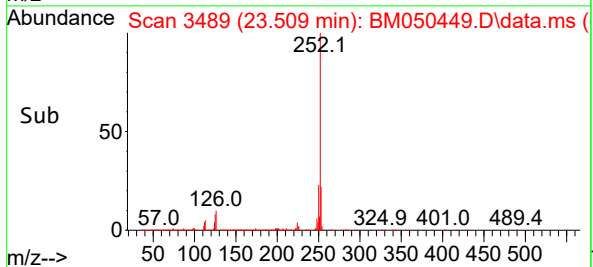
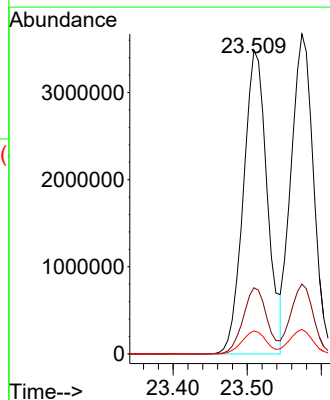
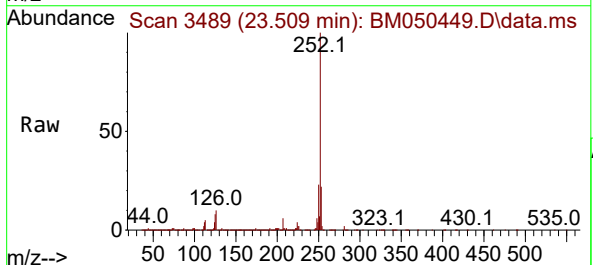
Instrument :
BNA_M
ClientSampleId :
PB168845BS

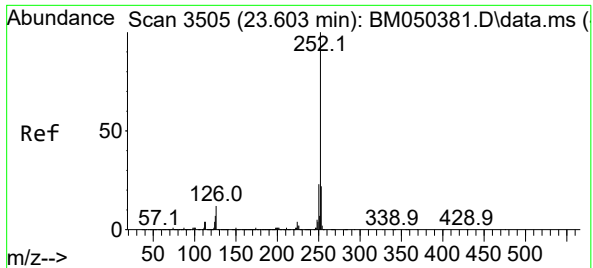
Tgt Ion:276 Resp: 9235265
Ion Ratio Lower Upper
276 100
138 20.4 17.0 25.6
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 47.670 ng
RT: 23.509 min Scan# 3489
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:252 Resp: 7798254
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.6 6.3 9.5

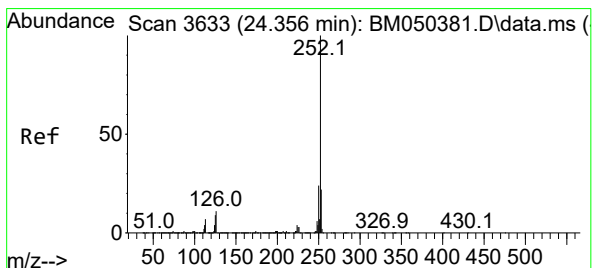
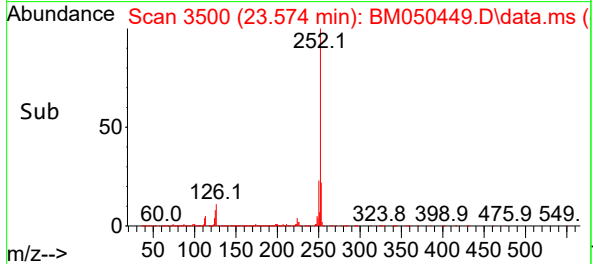
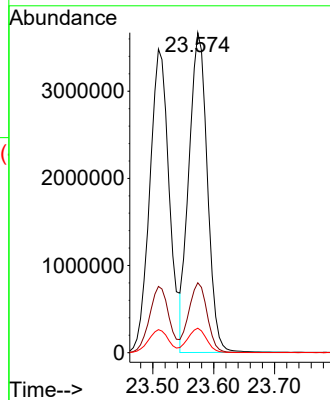
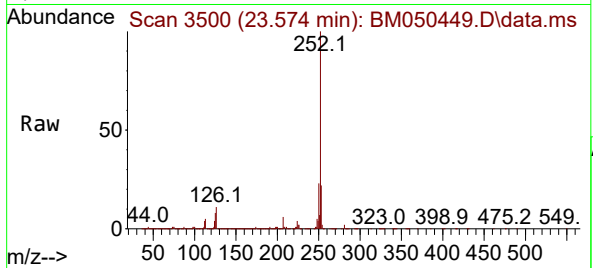




#89
Benzo(k)fluoranthene
Concen: 45.291 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

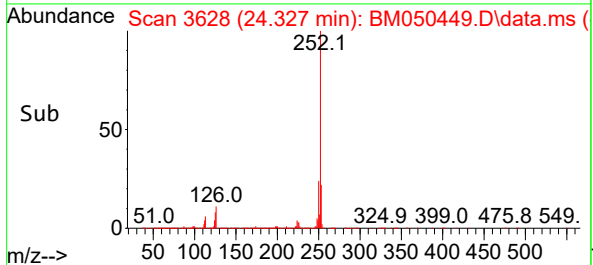
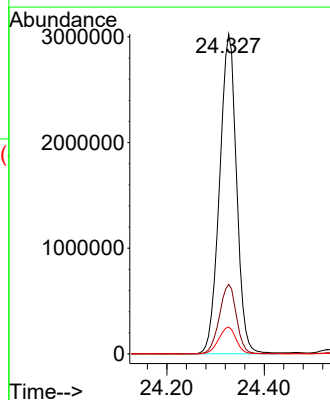
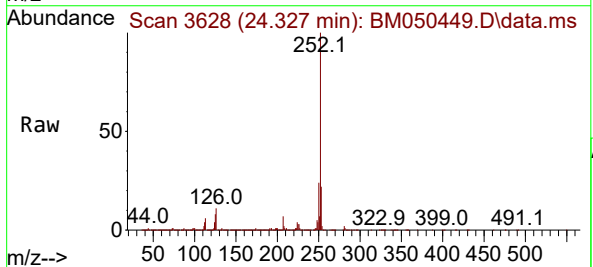
Instrument :
BNA_M
ClientSampleId :
PB168845BS

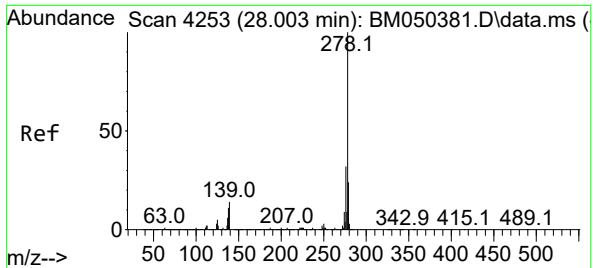
Tgt Ion:252 Resp: 7687934
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 47.998 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:252 Resp: 7350144
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.4 7.0 10.4

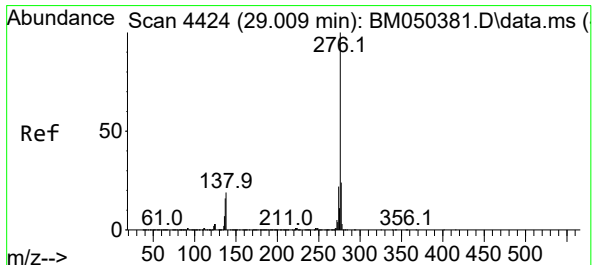
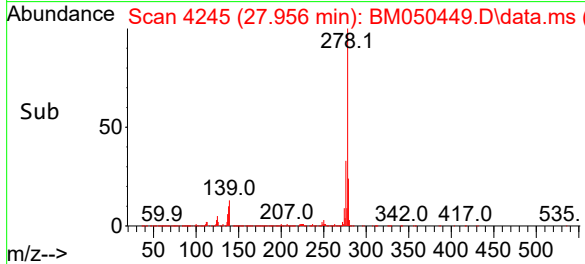
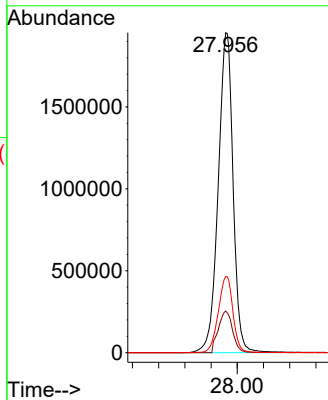
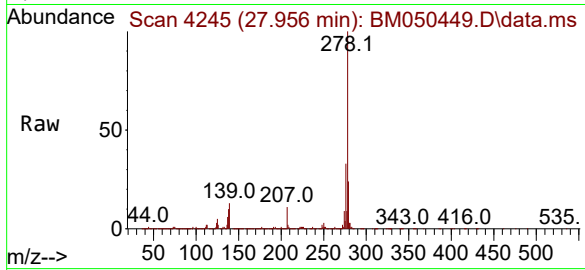




#91
Dibenzo(a,h)anthracene
Concen: 48.240 ng
RT: 27.956 min Scan# 4116
Delta R.T. -0.047 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

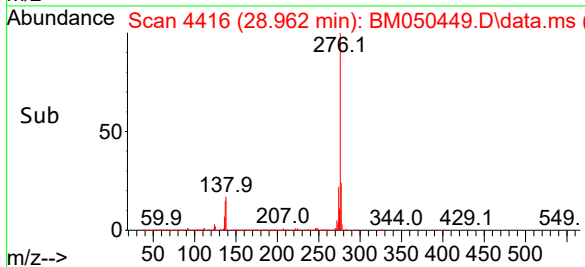
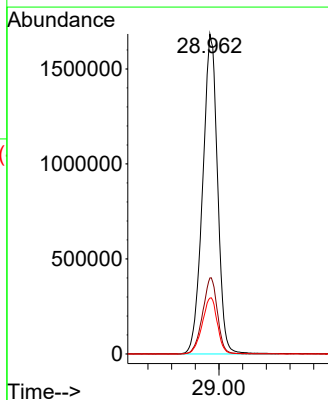
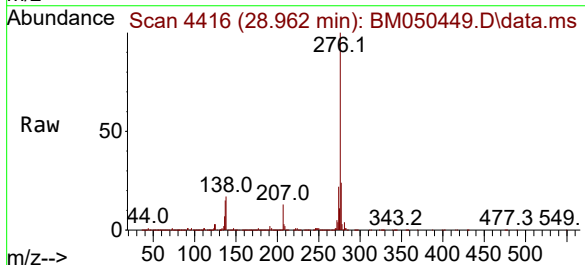
Instrument :
BNA_M
ClientSampleId :
PB168845BS

Tgt Ion:278 Resp: 7682077
Ion Ratio Lower Upper
278 100
139 13.0 10.8 16.2
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 48.817 ng
RT: 28.962 min Scan# 4416
Delta R.T. -0.047 min
Lab File: BM050449.D
Acq: 15 Jul 2025 10:50

Tgt Ion:276 Resp: 7347259
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 17.4 14.9 22.3



Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	TP-18MS		SDG No.:	Q2579	
Lab Sample ID:	Q2571-04MS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050455.D	1	07/14/25 10:40	07/15/25 14:51	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.28		0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.33		0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.39		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.40		0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.32		0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.37		0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.37		0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.46		0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.46		0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.44		0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.43		0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.98	E	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	106		15 (23) - 110 (138)	71%	SPK: 150
13127-88-3	Phenol-d6	102		15 (10) - 110 (134)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.5		30 (67) - 130 (132)	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.8		30 (52) - 130 (132)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		15 (44) - 110 (137)	93%	SPK: 150
1718-51-0	Terphenyl-d14	71.5		30 (42) - 130 (152)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	572000	7.863			
1146-65-2	Naphthalene-d8	2140000	10.651			
15067-26-2	Acenaphthene-d10	1410000	14.486			
1517-22-2	Phenanthrene-d10	2800000	17.215			
1719-03-5	Chrysene-d12	2970000	21.439			
1520-96-3	Perylene-d12	3220000	24.468			

Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	TP-18MS		SDG No.:	Q2579	
Lab Sample ID:	Q2571-04MS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050455.D	1	07/14/25 10:40	07/15/25 14:51	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050455.D
 Acq On : 15 Jul 2025 14:51
 Operator : RC/JU
 Sample : Q2571-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Jul 15 15:48:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	572400	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2135167	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1406721	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2803606	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2966394	20.000	ng	-0.02
86) Perylene-d12	24.468	264	3224440	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3517681	105.784	ng	0.00
7) Phenol-d6	7.022	99	4268343	101.822	ng	0.00
23) Nitrobenzene-d5	9.016	82	2865562	68.470	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2396618	140.220	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7496048	65.806	ng	-0.01
79) Terphenyl-d14	19.827	244	12062947	71.549	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.346	88	403488	29.508	ng	# 65
3) Pyridine	3.746	79	1019533	28.400	ng	98
4) n-Nitrosodimethylamine	3.646	42	557466	33.310	ng	93
6) Aniline	7.187	93	1313465	24.415	ng	99
8) 2-Chlorophenol	7.428	128	1382508	39.428	ng	97
9) Benzaldehyde	6.998	77	660192	26.475	ng	98
10) Phenol	7.051	94	1578382	36.100	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1247397	35.624	ng	98
12) 1,3-Dichlorobenzene	7.751	146	1406796	32.995	ng	97
13) 1,4-Dichlorobenzene	7.893	146	1442344	33.130	ng	99
14) 1,2-Dichlorobenzene	8.210	146	1401561	33.626	ng	99
15) Benzyl Alcohol	8.093	79	1208787	40.925	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1744477	33.823	ng	97
17) 2-Methylphenol	8.298	107	1113578	39.269	ng	98
18) Hexachloroethane	8.945	117	495370	32.353	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	990999	39.024	ng	97
20) 3+4-Methylphenols	8.622	107	1522188	39.986	ng	99
22) Acetophenone	8.681	105	1993773	37.347	ng	# 97
24) Nitrobenzene	9.057	77	1399876	37.484	ng	97
25) Isophorone	9.587	82	2757882	40.610	ng	99
26) 2-Nitrophenol	9.763	139	689749	45.316	ng	98
27) 2,4-Dimethylphenol	9.828	122	1321626	40.806	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	1758739	39.083	ng	100
29) 2,4-Dichlorophenol	10.298	162	1456029	43.758	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	1478837	37.152	ng	99
31) Naphthalene	10.704	128	3987817	36.771	ng	100
32) Benzoic acid	9.951	122	960193	48.261	ng	97
33) 4-Chloroaniline	10.804	127	644562	14.058	ng	99
34) Hexachlorobutadiene	10.998	225	888419	36.568	ng	99
35) Caprolactam	11.586	113	382349	42.093	ng	91
36) 4-Chloro-3-methylphenol	11.928	107	1380724	44.436	ng	98
37) 2-Methylnaphthalene	12.310	142	2741311	40.033	ng	98
38) 1-Methylnaphthalene	12.533	142	2881486	39.762	ng	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	1788912	39.989	ng	100
41) Hexachlorocyclopentadiene	12.669	237	2005480	70.133	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	1255977	45.612	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050455.D
 Acq On : 15 Jul 2025 14:51
 Operator : RC/JU
 Sample : Q2571-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Jul 15 15:48:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

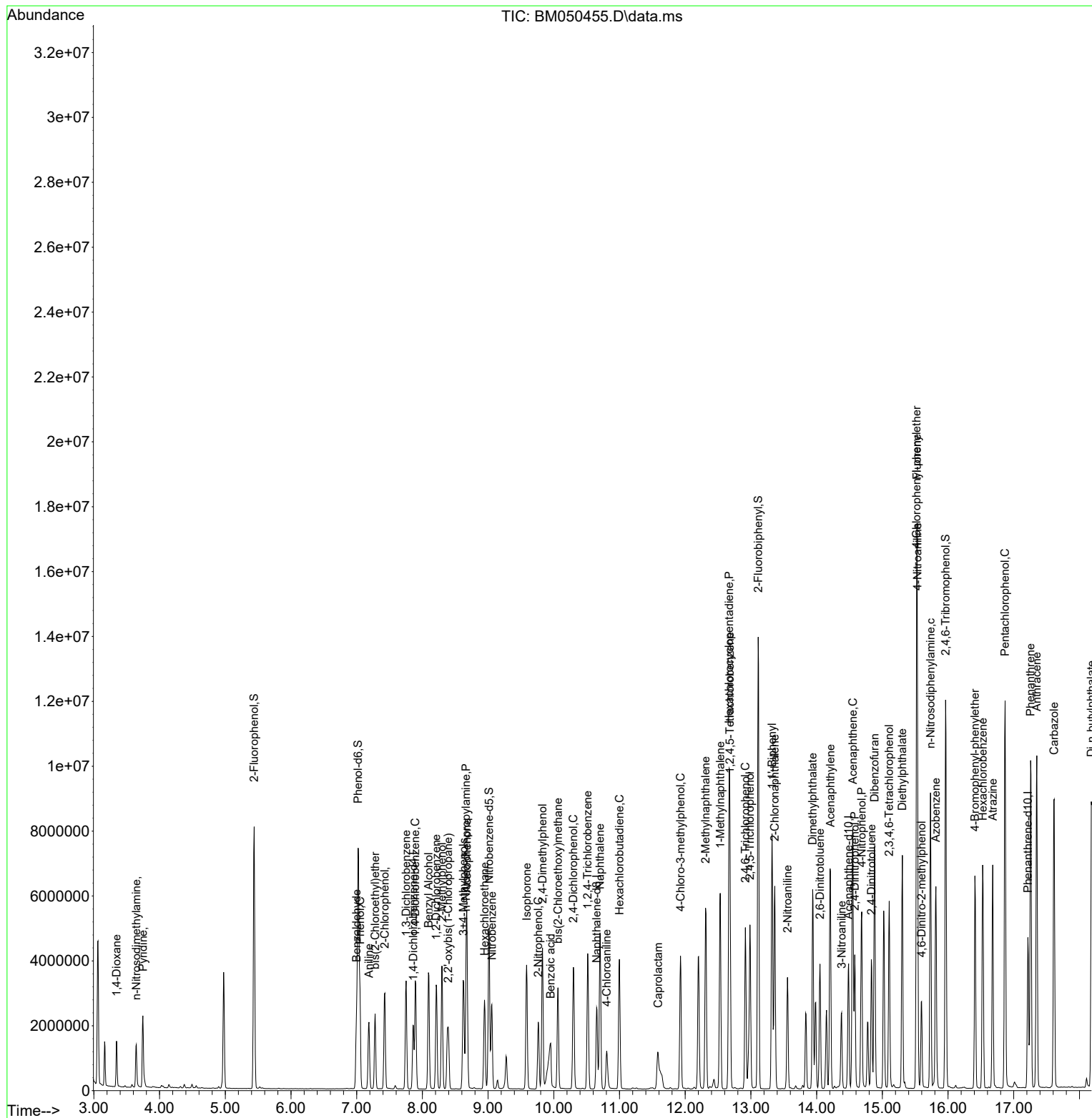
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1380877	45.918	ng	97
46) 1,1'-Biphenyl	13.322	154	4150029	39.763	ng	100
47) 2-Chloronaphthalene	13.363	162	3251114	39.069	ng	98
48) 2-Nitroaniline	13.557	65	855238	46.044	ng	94
49) Acenaphthylene	14.210	152	5152370	40.970	ng	99
50) Dimethylphthalate	13.939	163	4120554	42.546	ng	100
51) 2,6-Dinitrotoluene	14.051	165	860025	46.249	ng	97
52) Acenaphthene	14.551	154	3182821	39.808	ng	100
53) 3-Nitroaniline	14.380	138	603399	30.512	ng	98
54) 2,4-Dinitrophenol	14.580	184	899464	87.045	ng	# 84
55) Dibenzofuran	14.880	168	4980853	40.431	ng	100
56) 4-Nitrophenol	14.686	139	1487936	87.491	ng	90
57) 2,4-Dinitrotoluene	14.833	165	1221917	44.128	ng	96
58) Fluorene	15.527	166	4202985	41.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1180371	46.627	ng	96
60) Diethylphthalate	15.304	149	3935219	42.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	2230029	42.030	ng	98
62) 4-Nitroaniline	15.533	138	910024	40.457	ng	97
63) Azobenzene	15.816	77	3484030	41.012	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	643973	43.411	ng	90
66) n-Nitrosodiphenylamine	15.733	169	3603970	41.081	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1346620	43.595	ng	99
68) Hexachlorobenzene	16.527	284	1564293	42.878	ng	96
69) Atrazine	16.680	200	1280413	44.447	ng	98
70) Pentachlorophenol	16.868	266	2217845	97.656	ng	99
71) Phenanthrene	17.257	178	6437864	40.581	ng	100
72) Anthracene	17.351	178	6536019	41.390	ng	100
73) Carbazole	17.615	167	6040438	42.275	ng	99
74) Di-n-butylphthalate	18.180	149	6847843	43.786	ng	99
75) Fluoranthene	19.262	202	7600062	44.068	ng	99
77) Benzidine	19.445	184	1211247	16.009	ng	99
78) Pyrene	19.627	202	8044944	42.346	ng	99
80) Butylbenzylphthalate	20.521	149	3132628	50.007	ng	98
81) Benzo(a)anthracene	21.421	228	8293520	42.909	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	2016614	30.939	ng	99
83) Chrysene	21.486	228	7764524	42.591	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	4688722	47.149	ng	97
85) Di-n-octyl phthalate	22.492	149	8079125	51.872	ng	98
87) Indeno(1,2,3-cd)pyrene	27.903	276	10077266	43.957	ng	99
88) Benzo(b)fluoranthene	23.515	252	8379564	42.250	ng	99
89) Benzo(k)fluoranthene	23.574	252	8289661	40.281	ng	100
90) Benzo(a)pyrene	24.327	252	7941671	42.775	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	8344234	43.218	ng	99
92) Benzo(g,h,i)perylene	28.968	276	7977625	43.719	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050455.D
 Acq On : 15 Jul 2025 14:51
 Operator : RC/JU
 Sample : Q2571-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

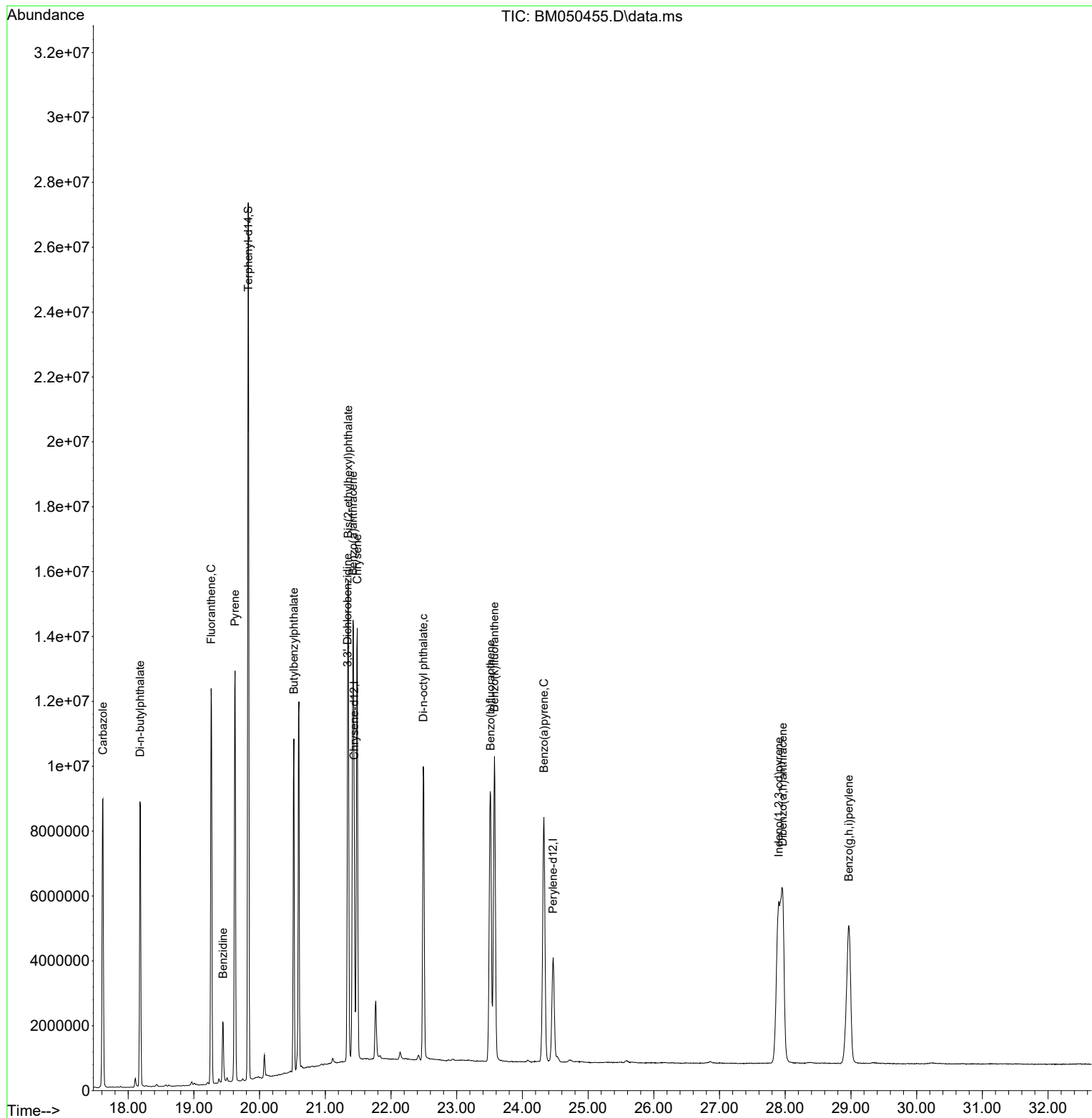
Quant Time: Jul 15 15:48:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

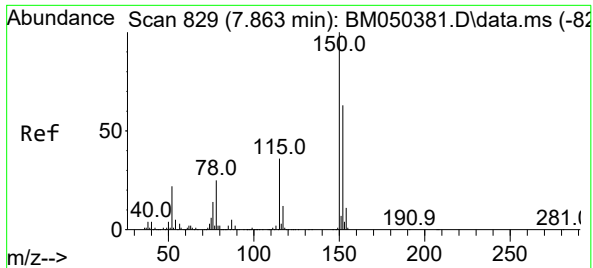


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Data File : BM050455.D
Acq On : 15 Jul 2025 14:51
Operator : RC/JU
Sample : Q2571-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Quant Time: Jul 15 15:48:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

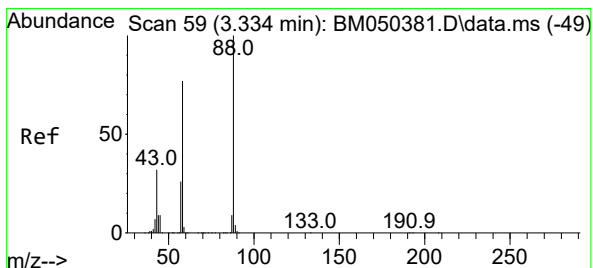
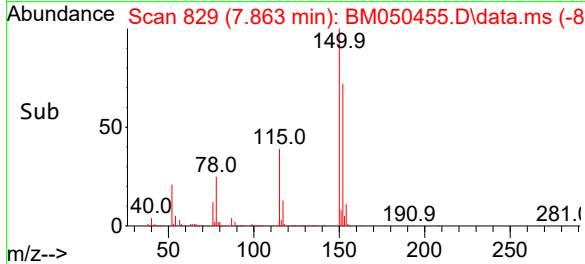
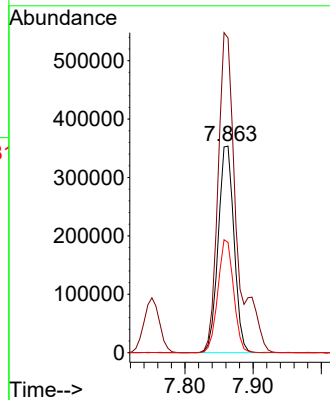
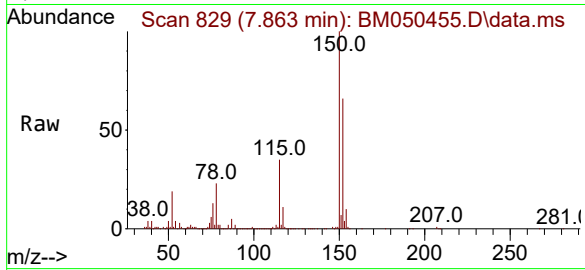




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

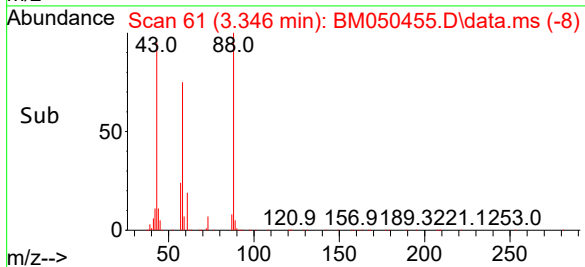
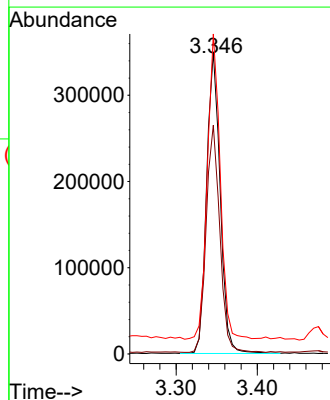
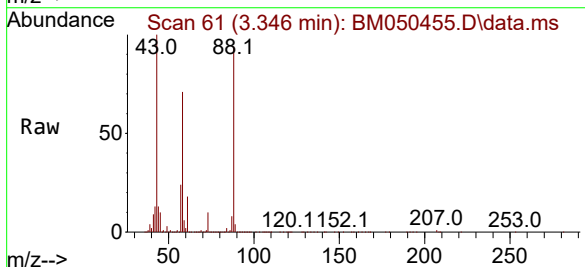
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

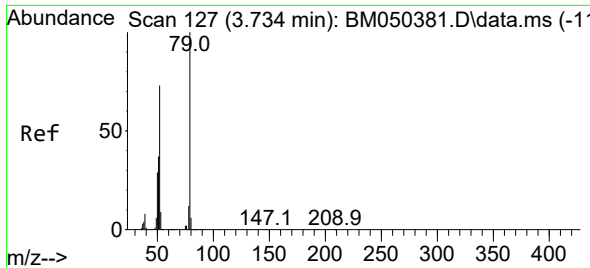
Tgt Ion:152 Resp: 572400
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.2 189.4
 115 53.4 45.8 68.8



#2
 1,4-Dioxane
 Concen: 29.508 ng
 RT: 3.346 min Scan# 61
 Delta R.T. 0.012 min
 Lab File: BM050455.D
 Acq: 15 Jul 2025 14:51

Tgt Ion: 88 Resp: 403488
 Ion Ratio Lower Upper
 88 100
 58 75.8 61.0 91.6
 43 96.7 24.6 37.0#

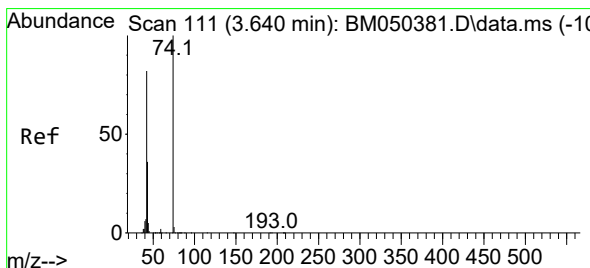
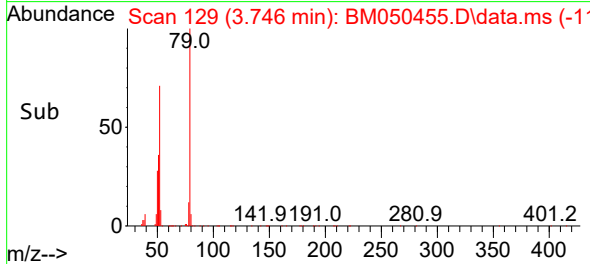
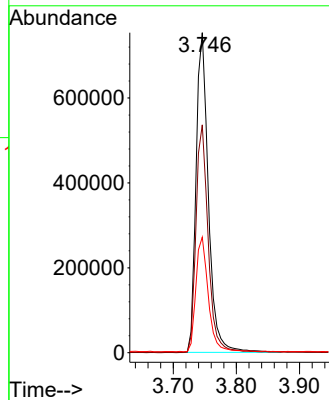
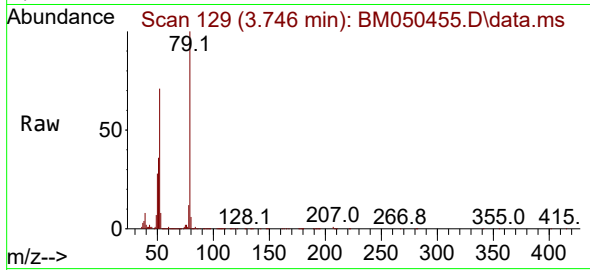




#3
Pyridine
Concen: 28.400 ng
RT: 3.746 min Scan# 110
Delta R.T. 0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

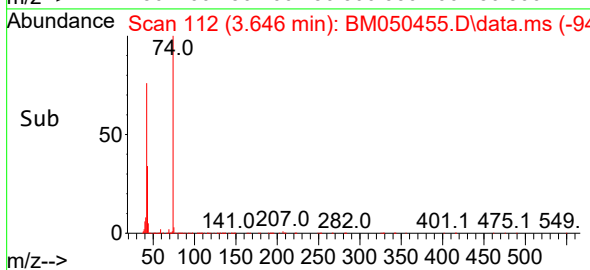
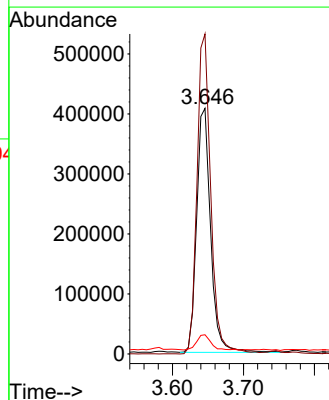
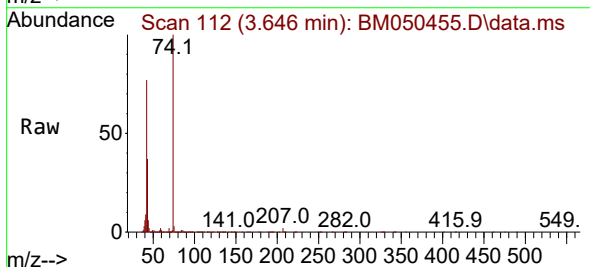
Instrument :
BNA_M
ClientSampleId :
TP-18MS

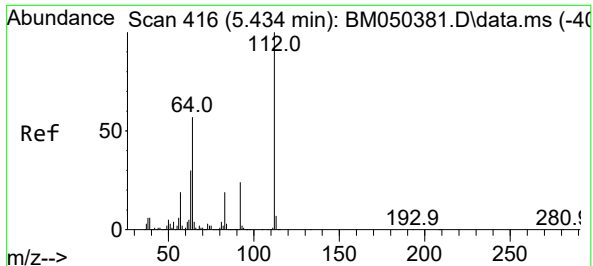
Tgt Ion: 79 Resp: 1019533
Ion Ratio Lower Upper
79 100
52 71.2 58.3 87.5
51 36.1 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 33.310 ng
RT: 3.646 min Scan# 112
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 42 Resp: 557466
Ion Ratio Lower Upper
42 100
74 130.3 97.5 146.3
44 7.8 5.7 8.5

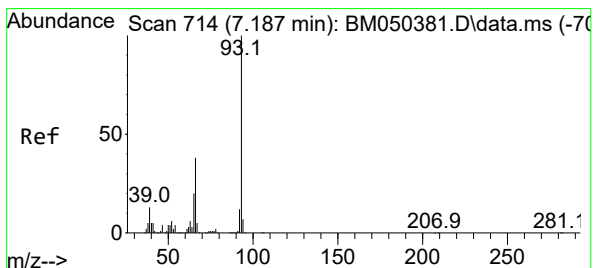
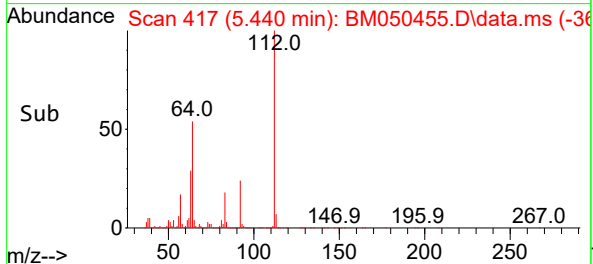
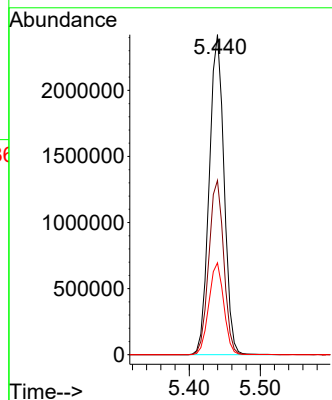
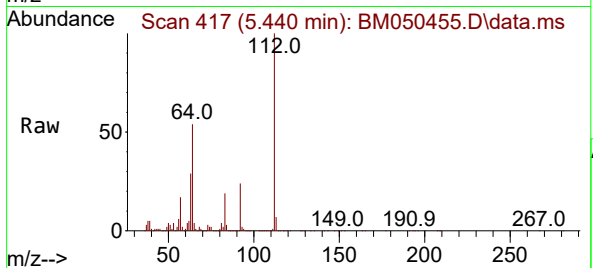




#5
2-Fluorophenol
Concen: 105.784 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

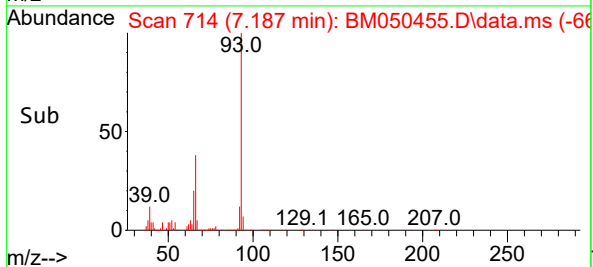
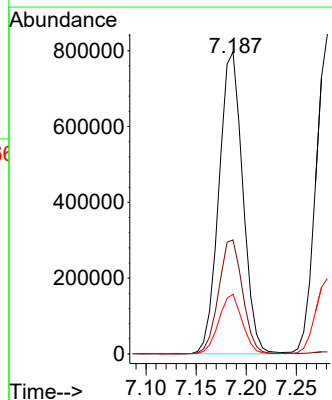
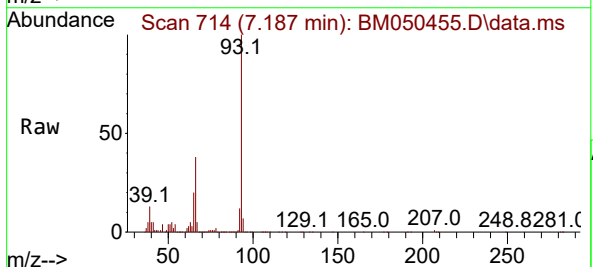
Instrument :
BNA_M
ClientSampleId :
TP-18MS

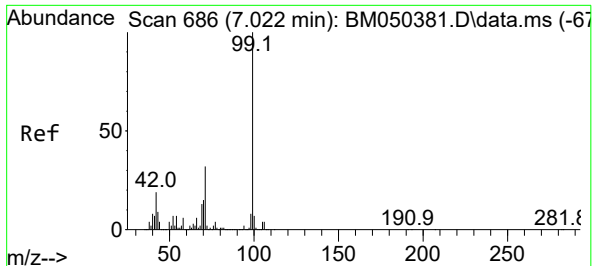
Tgt Ion:112 Resp: 3517681
Ion Ratio Lower Upper
112 100
64 54.5 45.5 68.3
63 28.7 24.2 36.4



#6
Aniline
Concen: 24.415 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 93 Resp: 1313465
Ion Ratio Lower Upper
93 100
66 37.7 30.5 45.7
65 19.7 15.9 23.9

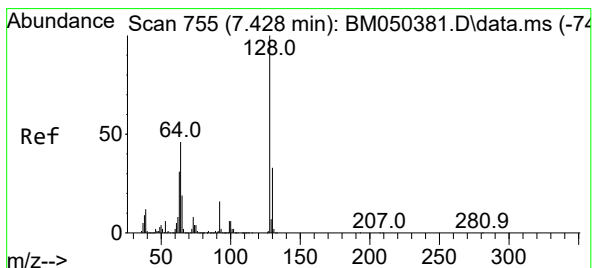
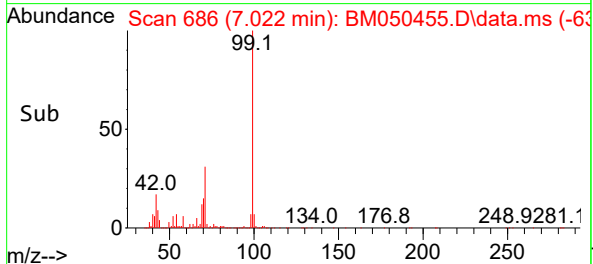
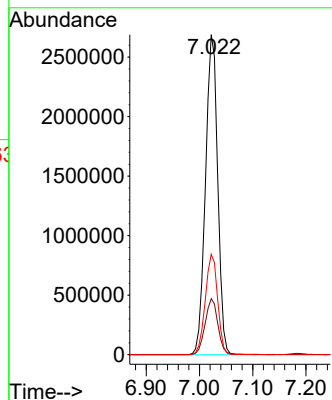
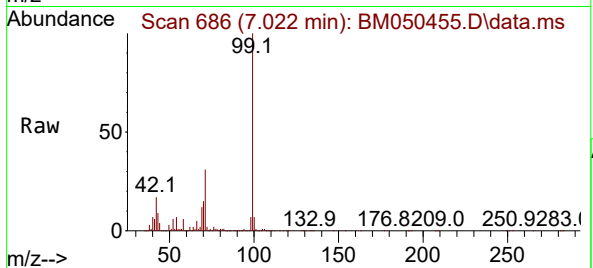




#7
Phenol-d6
Concen: 101.822 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

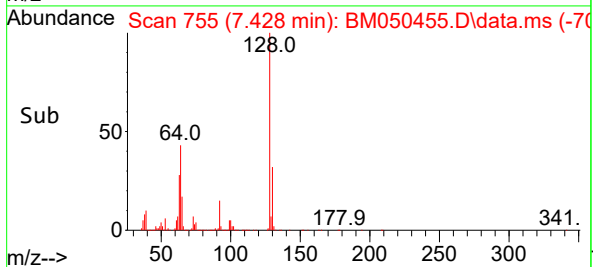
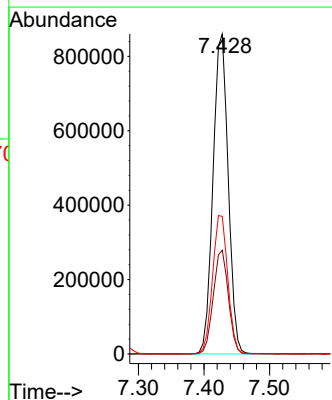
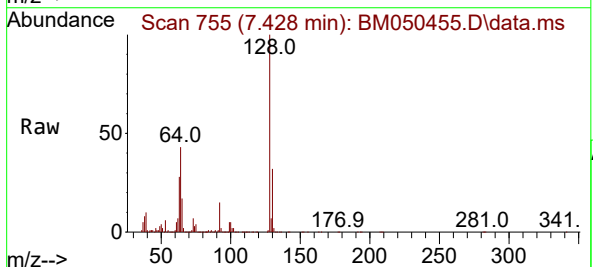
Instrument :
BNA_M
ClientSampleId :
TP-18MS

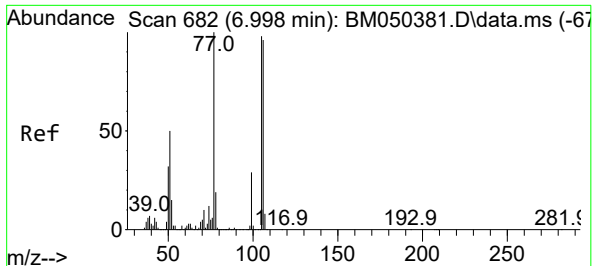
Tgt Ion: 99 Resp: 4268343
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 31.4 25.9 38.9



#8
2-Chlorophenol
Concen: 39.428 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 128 Resp: 1382508
Ion Ratio Lower Upper
128 100
130 32.4 13.3 53.3
64 43.0 25.6 65.6

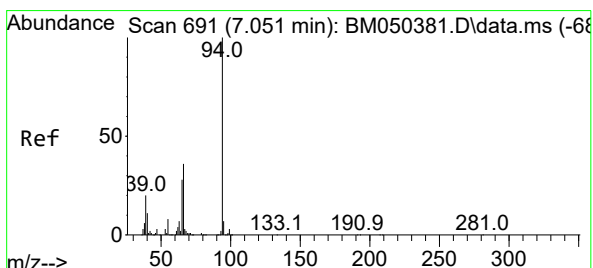
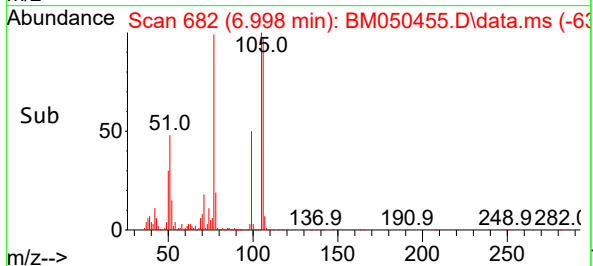
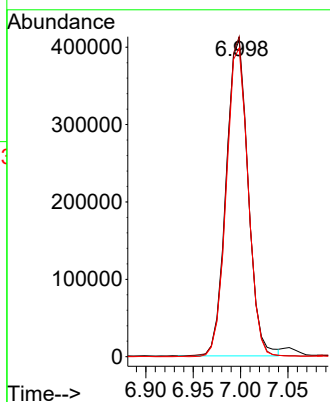
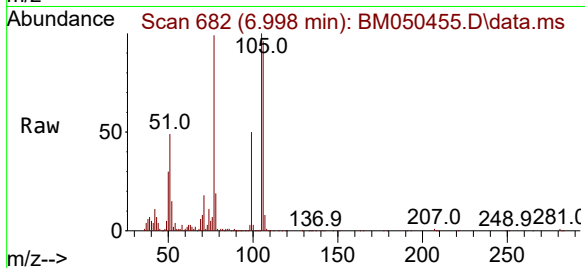




#9
Benzaldehyde
Concen: 26.475 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

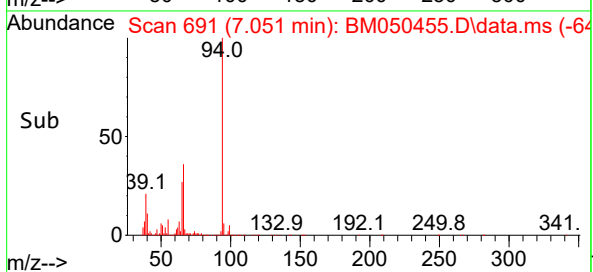
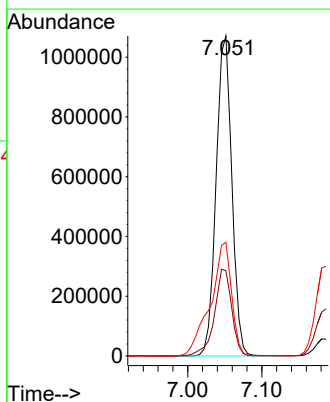
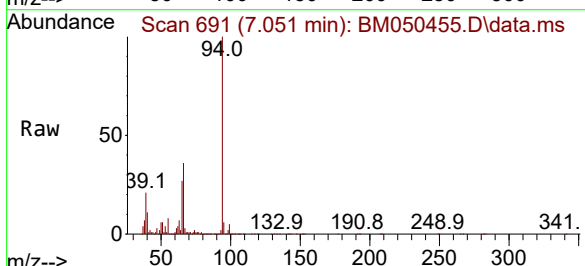
Instrument :
BNA_M
ClientSampleId :
TP-18MS

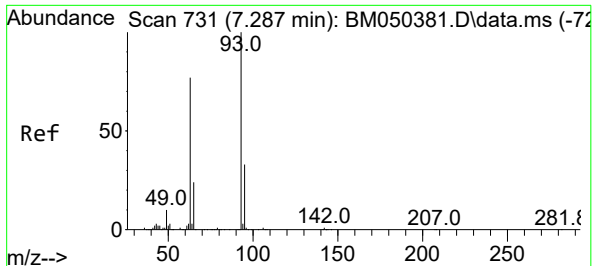
Tgt Ion: 77 Resp: 660192
Ion Ratio Lower Upper
77 100
105 101.0 78.4 118.4
106 97.4 76.3 116.3



#10
Phenol
Concen: 36.100 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 94 Resp: 1578382
Ion Ratio Lower Upper
94 100
65 26.6 8.1 48.1
66 35.5 15.8 55.8

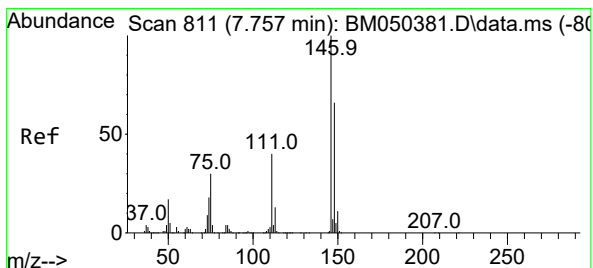
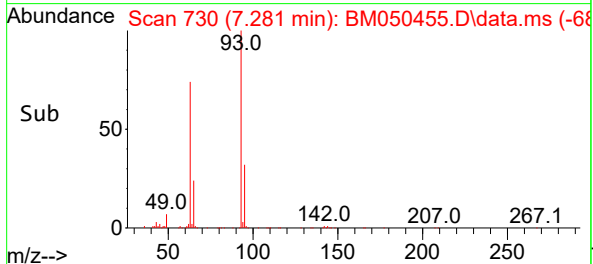
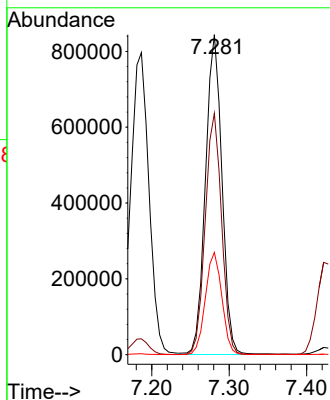
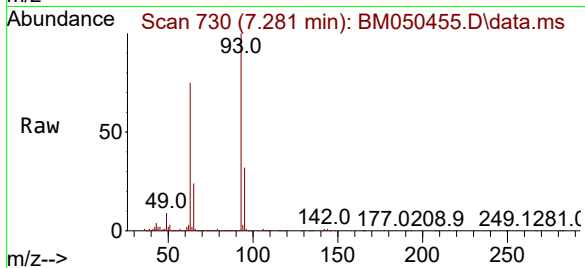




#11
bis(2-Chloroethyl)ether
Concen: 35.624 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

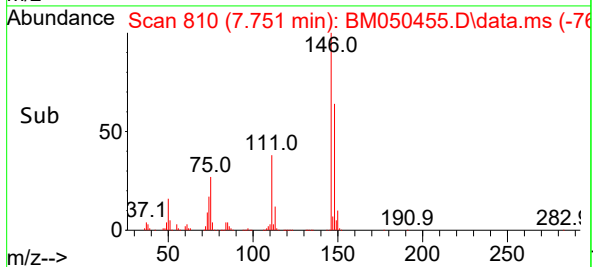
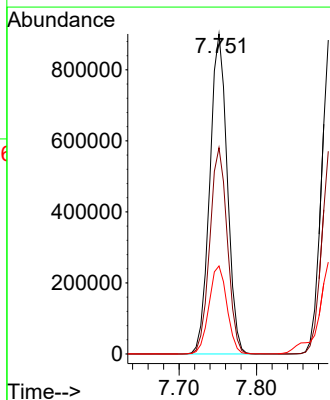
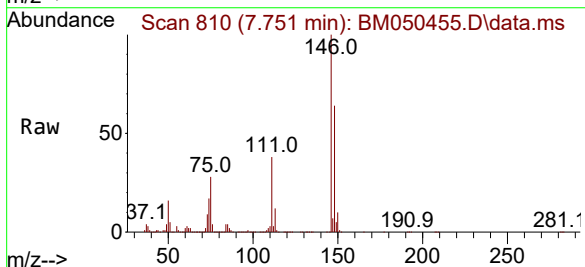
Instrument :
BNA_M
ClientSampleId :
TP-18MS

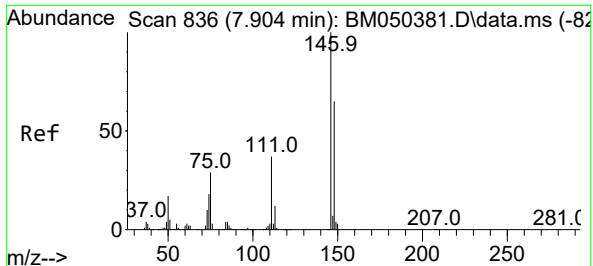
Tgt Ion: 93 Resp: 1247397
Ion Ratio Lower Upper
93 100
63 75.5 56.9 96.9
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 32.995 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:146 Resp: 1406796
Ion Ratio Lower Upper
146 100
148 64.5 53.2 79.8
75 27.5 23.9 35.9

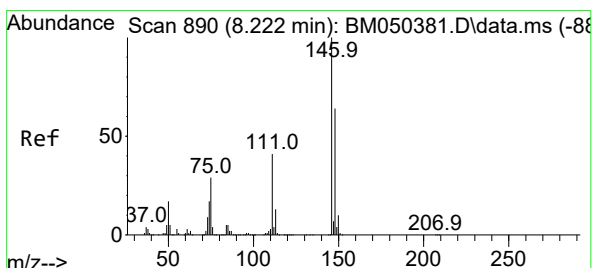
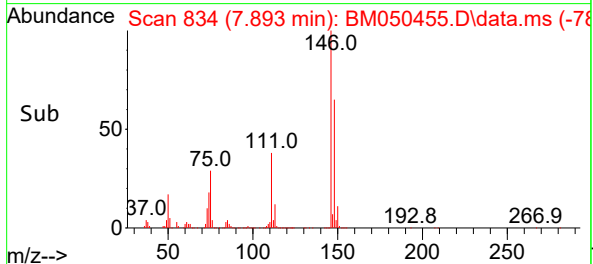
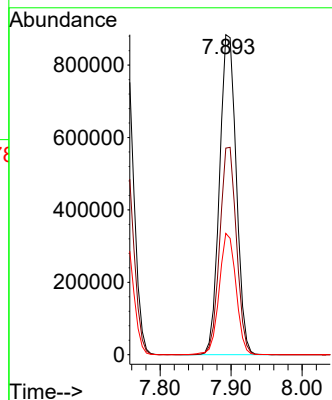
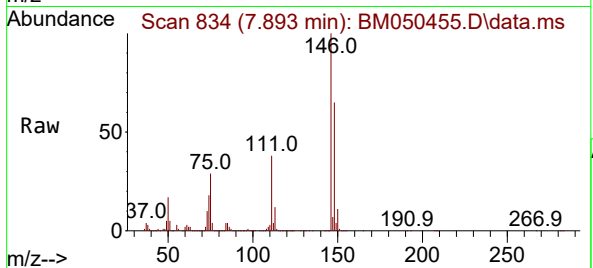




#13
1,4-Dichlorobenzene
Concen: 33.130 ng
RT: 7.893 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

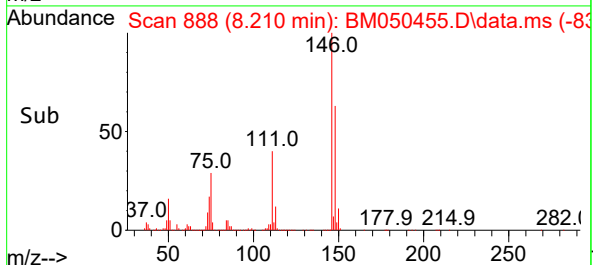
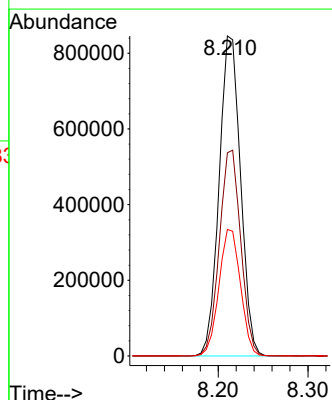
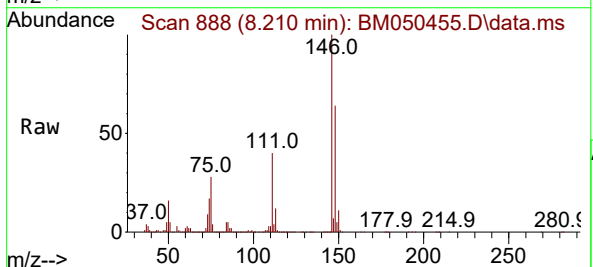
Instrument :
BNA_M
ClientSampleId :
TP-18MS

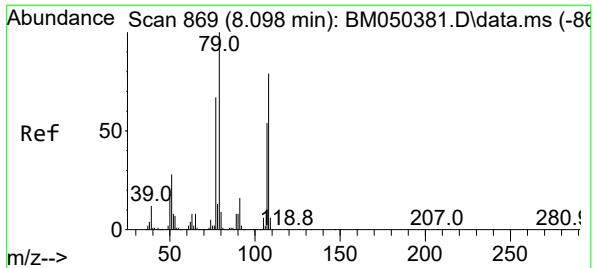
Tgt Ion:146 Resp: 1442344
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
111 37.9 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 33.626 ng
RT: 8.210 min Scan# 888
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:146 Resp: 1401561
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 39.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 40.925 ng

RT: 8.093 min Scan# 8

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

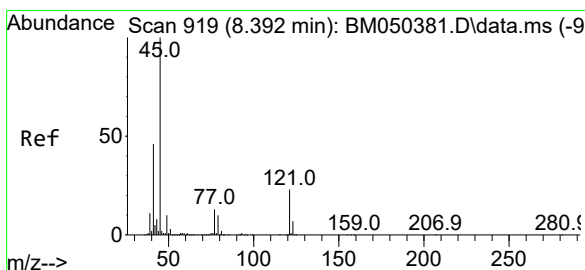
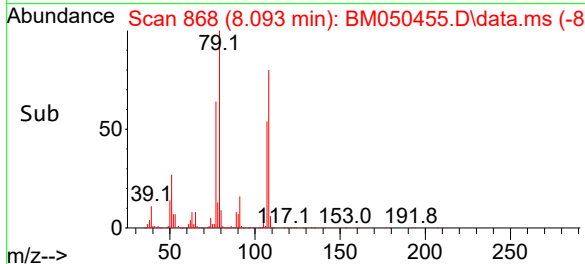
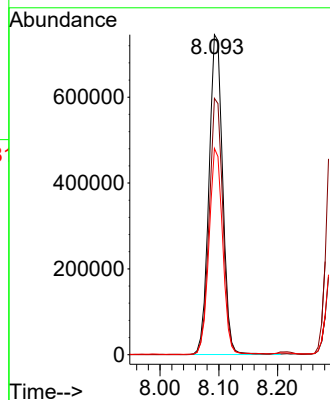
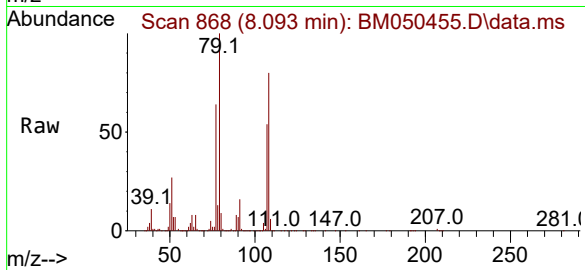
BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 79 Resp: 1208787

Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.0	94.4
77	64.4	53.4	80.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.823 ng

RT: 8.393 min Scan# 919

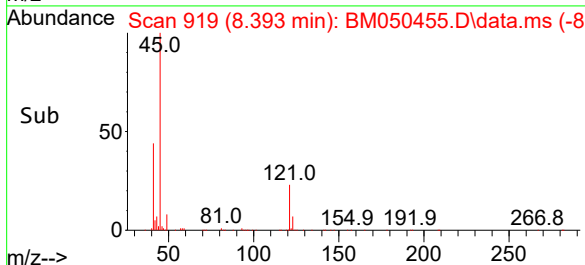
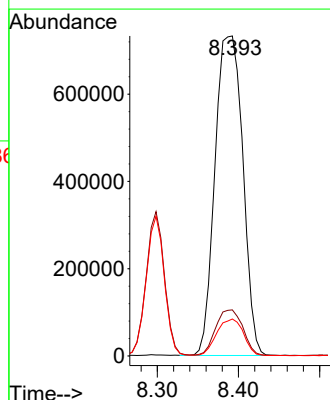
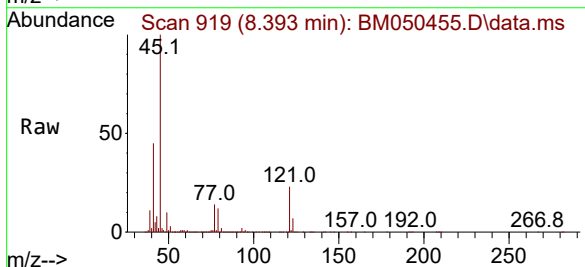
Delta R.T. 0.000 min

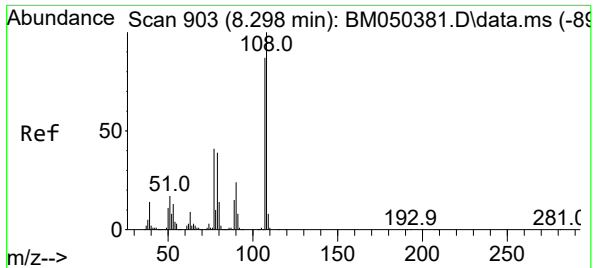
Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion: 45 Resp: 1744477

Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.5
79	11.6	0.0	30.3





#17

2-Methylphenol

Concen: 39.269 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050455.D

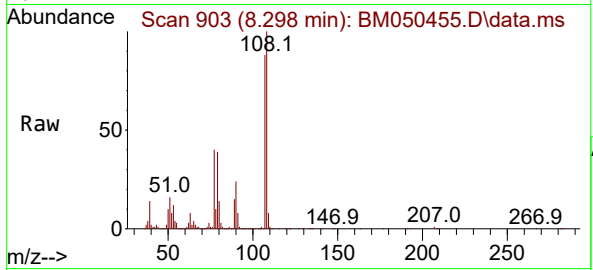
Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

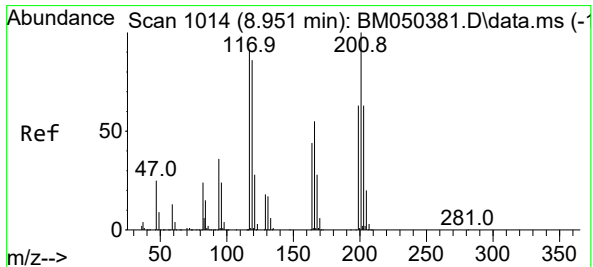
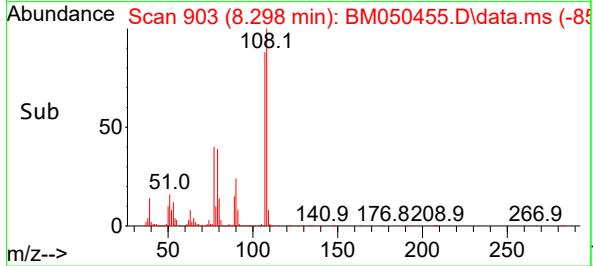
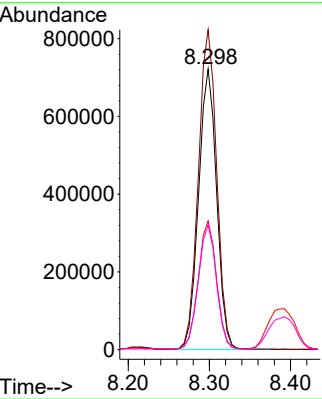
ClientSampleId :

TP-18MS



Tgt Ion:107 Resp: 1113578

Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.1	138.1
77	45.8	38.2	57.4
79	44.4	36.2	54.4



#18

Hexachloroethane

Concen: 32.353 ng

RT: 8.945 min Scan# 1013

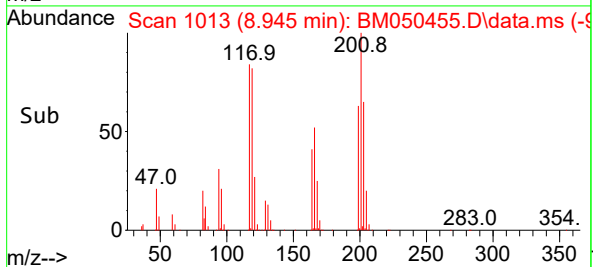
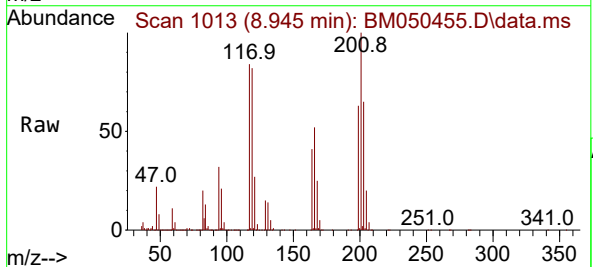
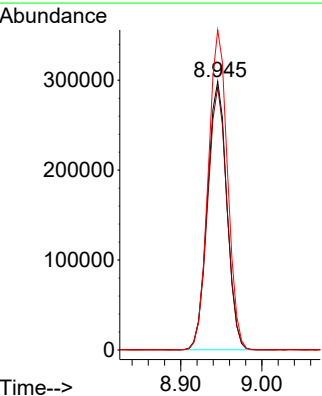
Delta R.T. -0.006 min

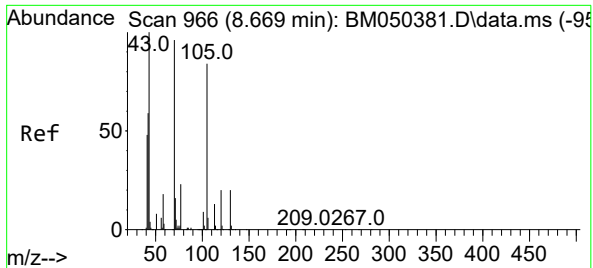
Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion:117 Resp: 495370

Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.6	113.4
201	119.2	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.024 ng

RT: 8.663 min Scan# 9

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 70 Resp: 990999

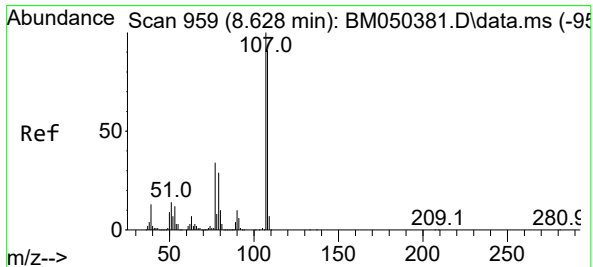
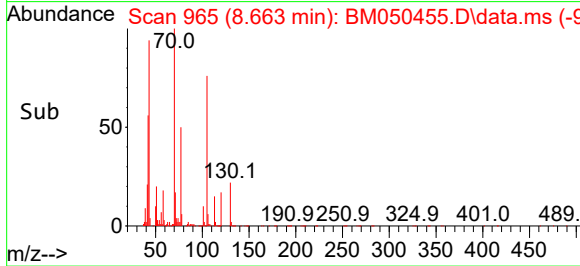
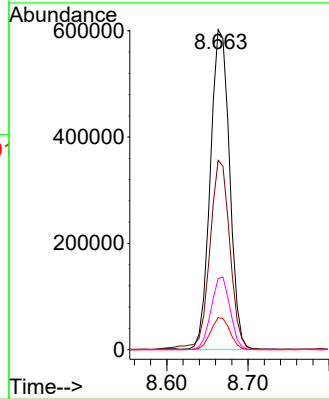
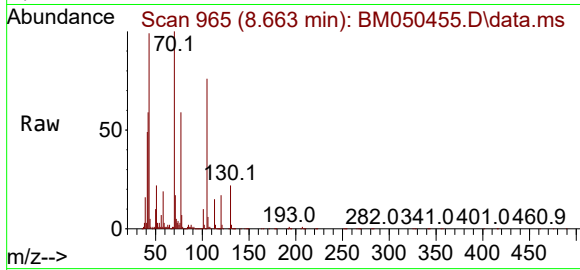
Ion Ratio Lower Upper

70 100

42 59.2 49.7 74.5

101 10.0 7.7 11.5

130 22.2 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.986 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion: 107 Resp: 1522188

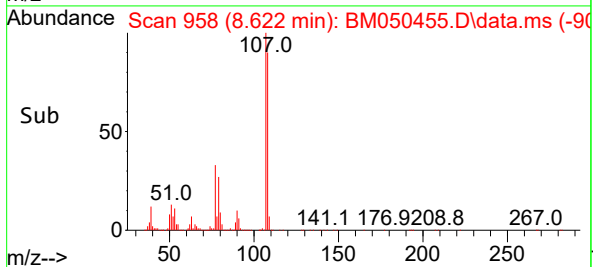
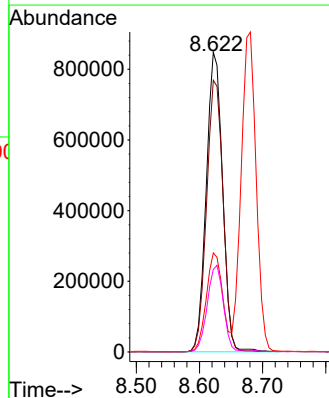
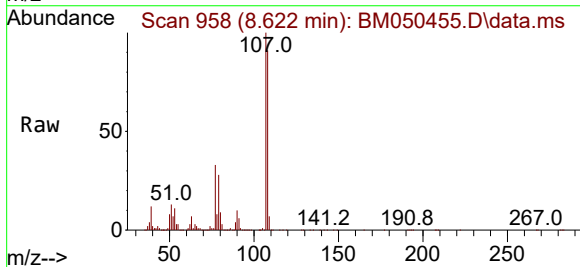
Ion Ratio Lower Upper

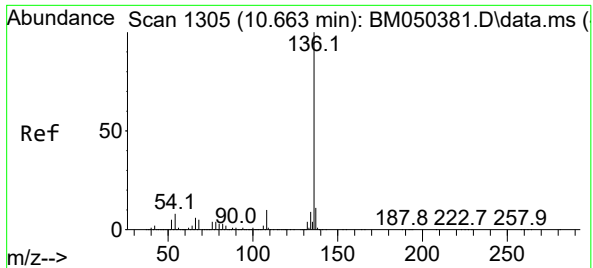
107 100

108 90.7 71.5 111.5

77 33.1 13.7 53.7

79 27.5 8.6 48.6

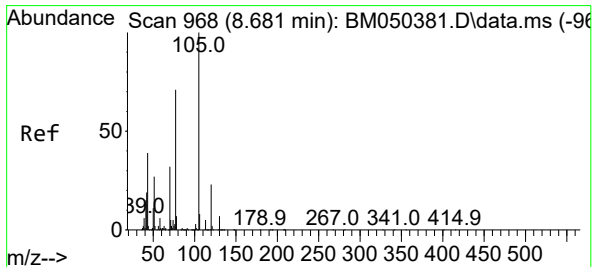
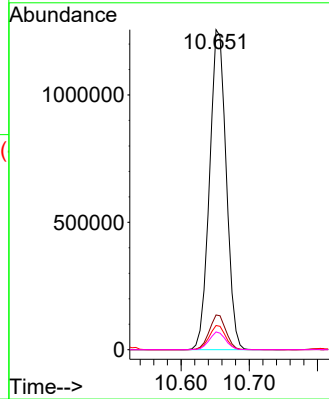
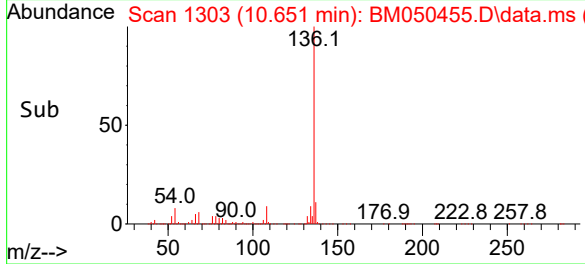
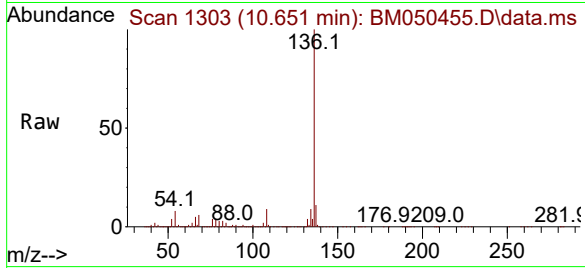




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

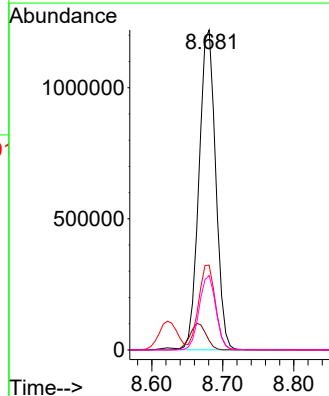
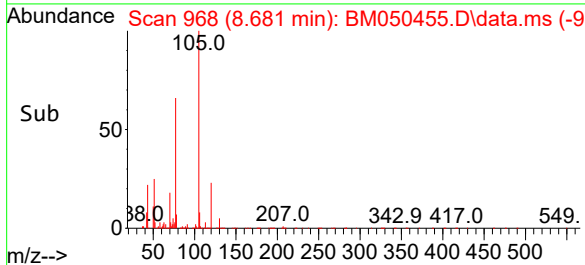
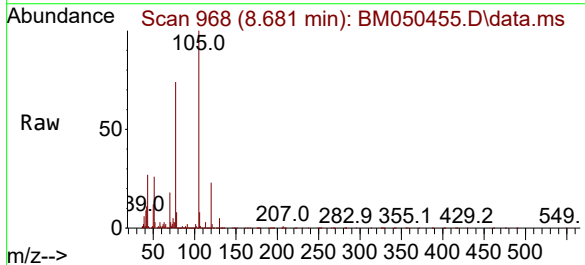
Instrument :
BNA_M
ClientSampleId :
TP-18MS

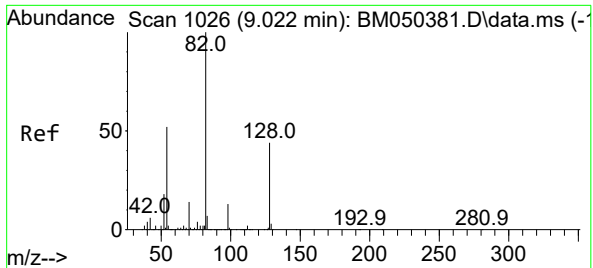
Tgt Ion:136 Resp: 2135167
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.3 9.5
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 37.347 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:105 Resp: 1993773
Ion Ratio Lower Upper
105 100
71 2.9 4.4 6.6#
51 26.5 23.0 34.6
120 23.2 18.3 27.5





#23

Nitrobenzene-d5

Concen: 68.470 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

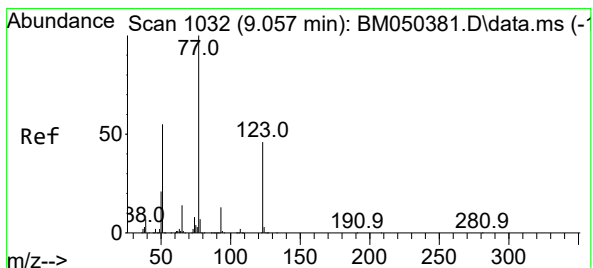
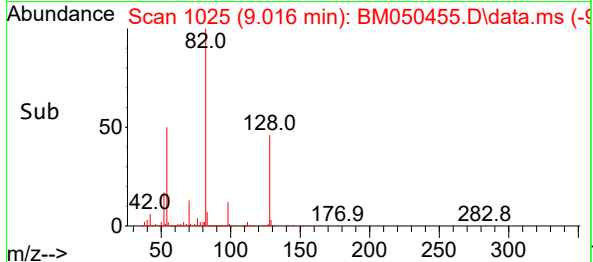
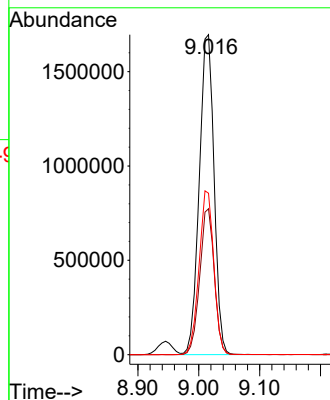
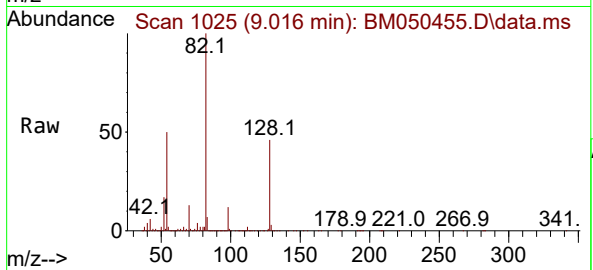
BNA_M

ClientSampleId :

TP-18MS

Tgt Ion: 82 Resp: 2865562

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.2	52.8
54	50.5	41.5	62.3



#24

Nitrobenzene

Concen: 37.484 ng

RT: 9.057 min Scan# 1032

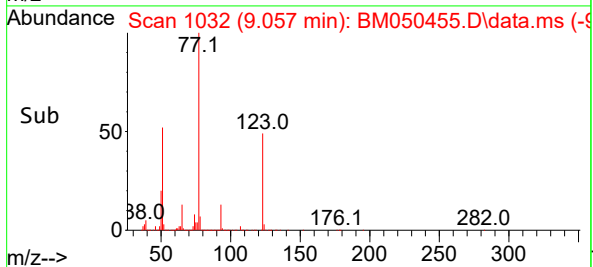
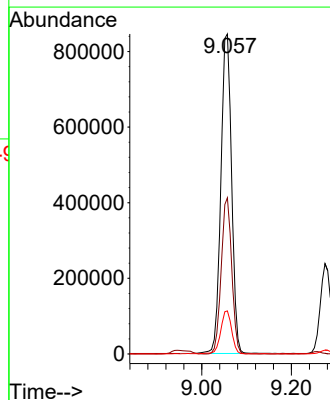
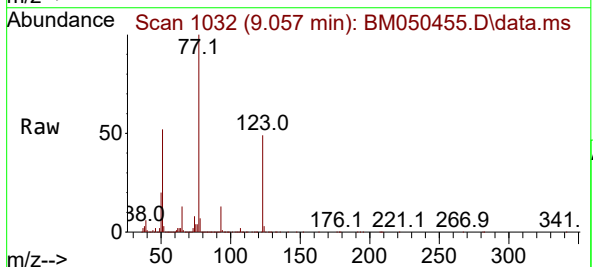
Delta R.T. 0.000 min

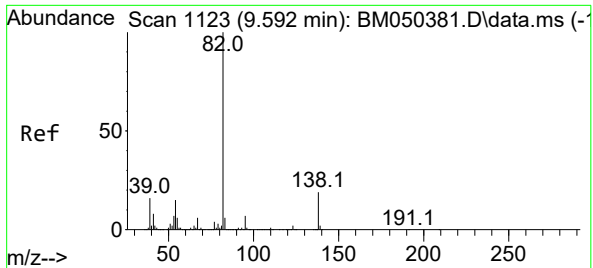
Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion: 77 Resp: 1399876

Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.0	55.6
65	13.4	11.0	16.4

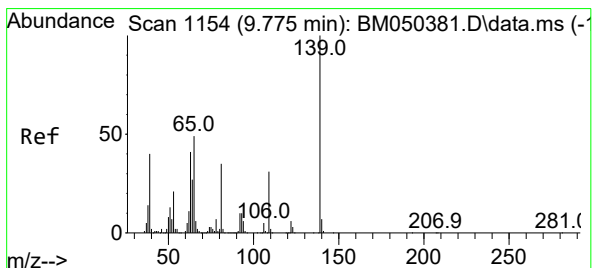
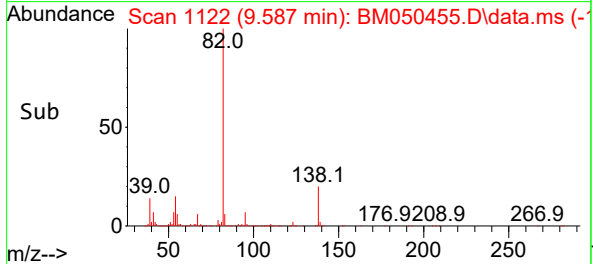
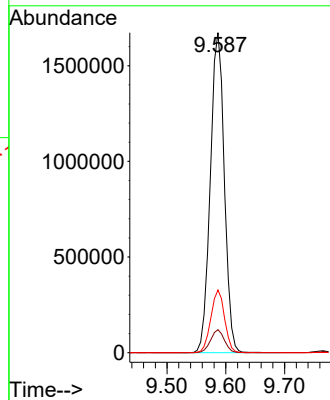
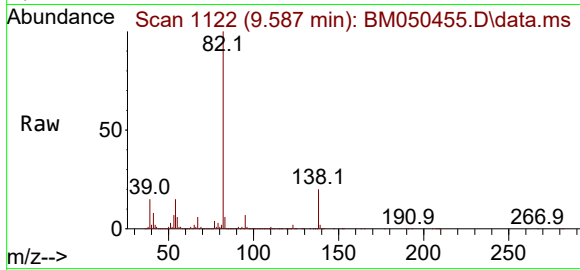




#25
Isophorone
Concen: 40.610 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

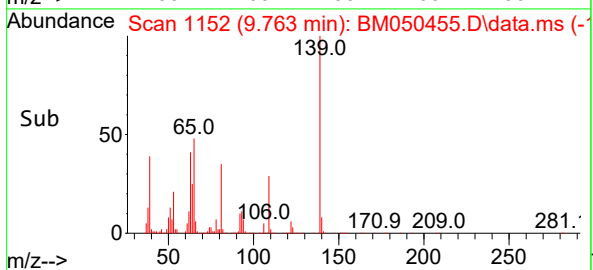
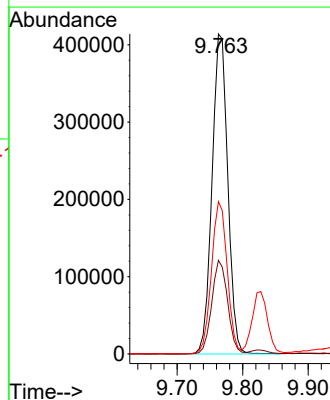
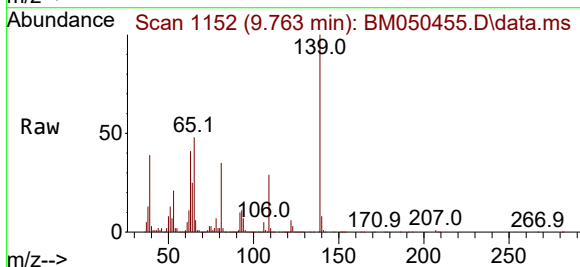
Instrument :
BNA_M
ClientSampleId :
TP-18MS

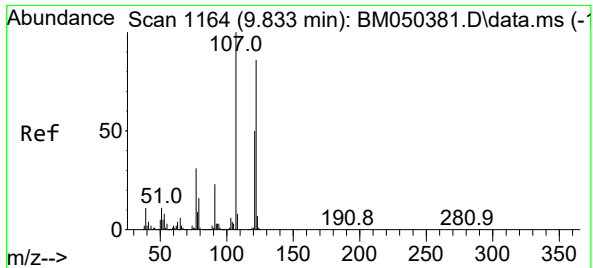
Tgt Ion: 82 Resp: 2757882
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.6 15.3 22.9



#26
2-Nitrophenol
Concen: 45.316 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 139 Resp: 689749
Ion Ratio Lower Upper
139 100
109 29.2 24.6 36.8
65 47.6 39.2 58.8

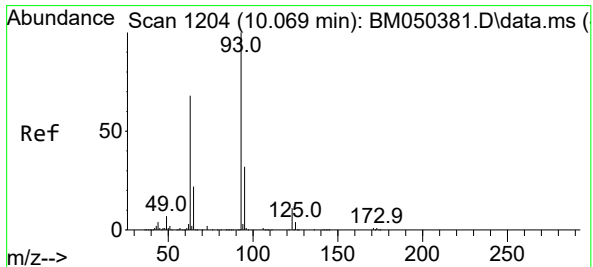
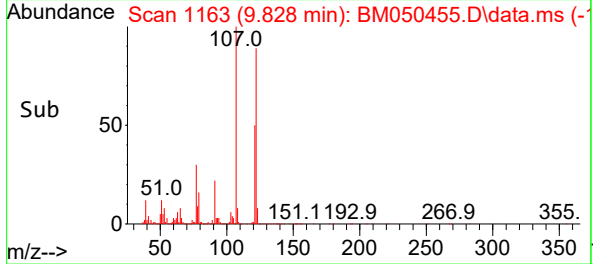
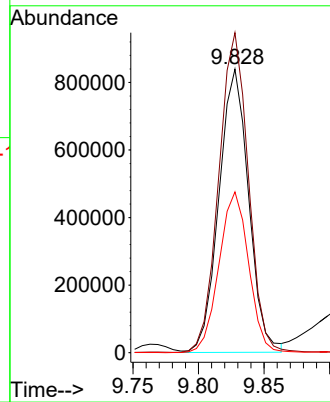
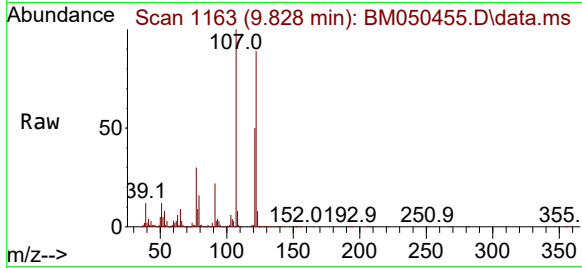




#27
2,4-Dimethylphenol
Concen: 40.806 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

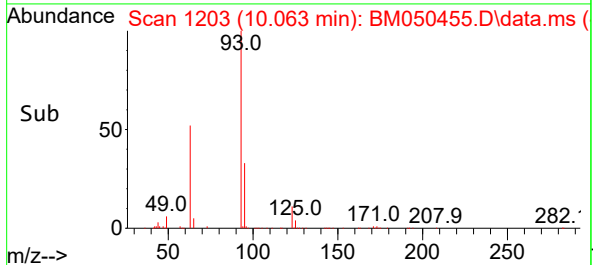
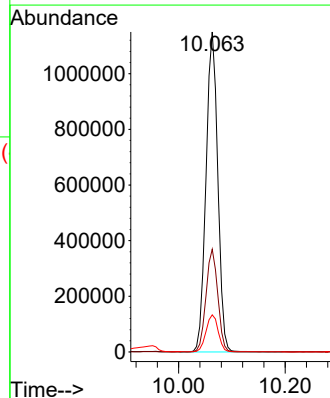
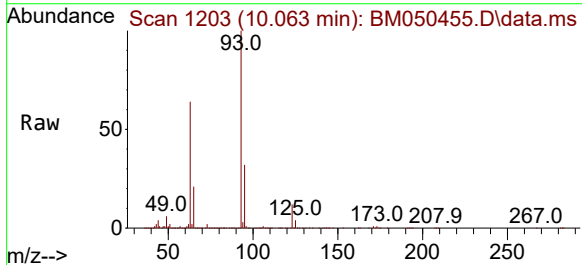
Instrument :
BNA_M
ClientSampleId :
TP-18MS

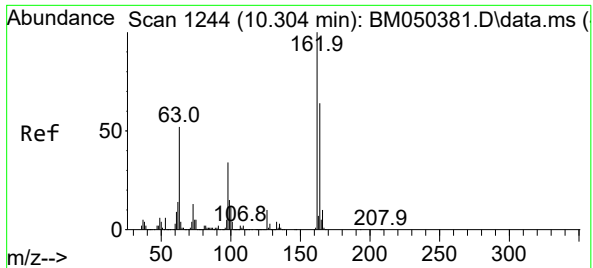
Tgt Ion:122 Resp: 1321626
Ion Ratio Lower Upper
122 100
107 112.9 93.0 139.6
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.083 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 93 Resp: 1758739
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.758 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

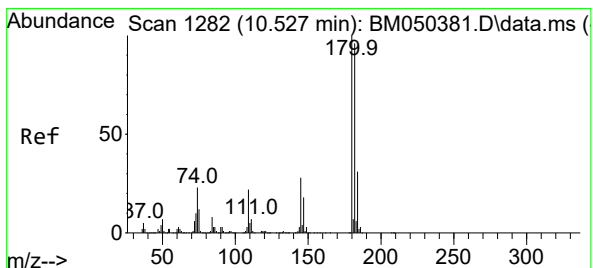
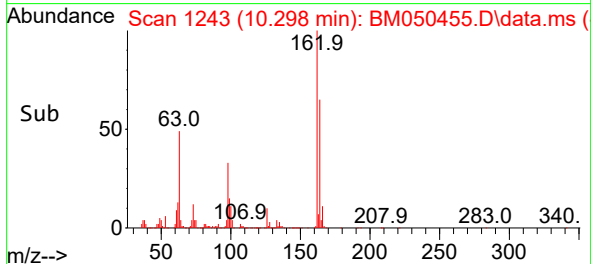
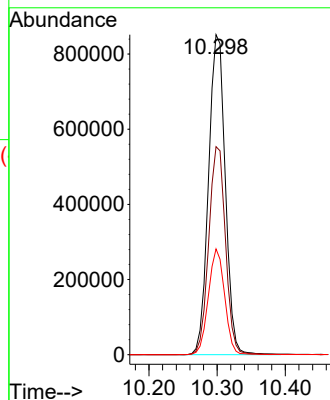
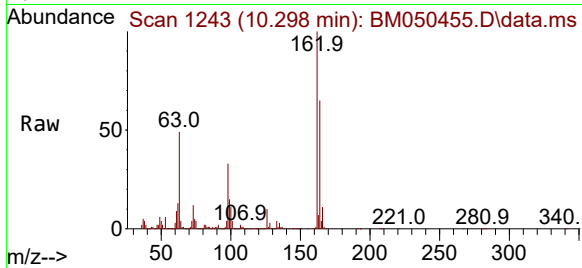
Tgt Ion:162 Resp: 1456029

Ion	Ratio	Lower	Upper

162	100		

164	65.0	43.7	83.7

98	33.0	13.7	53.7



#30

1,2,4-Trichlorobenzene

Concen: 37.152 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

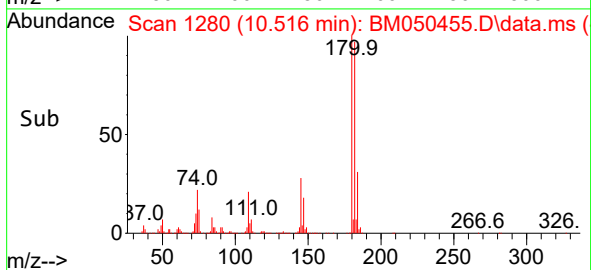
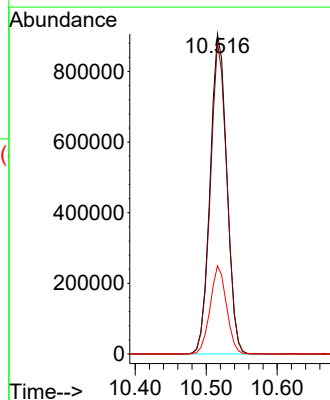
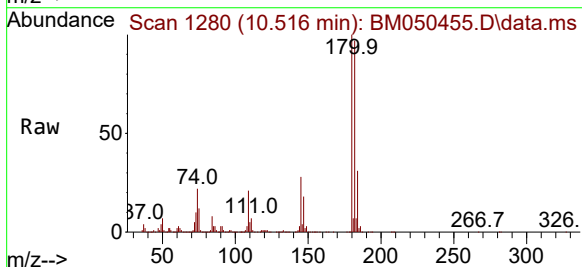
Tgt Ion:180 Resp: 1478837

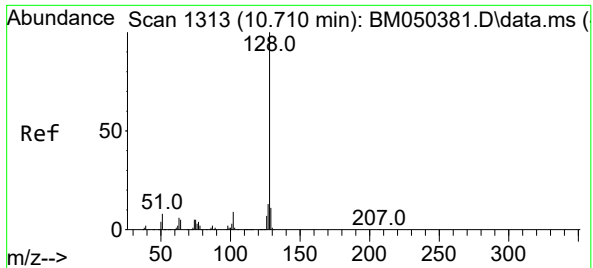
Ion	Ratio	Lower	Upper

180	100		

182	97.4	76.8	115.2

145	27.5	22.6	33.8

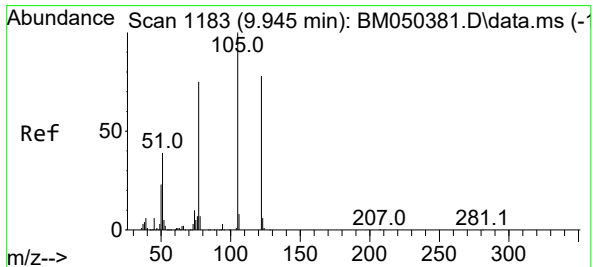
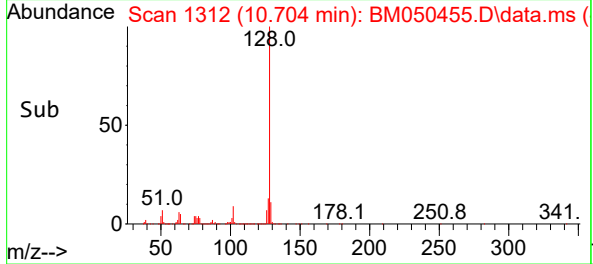
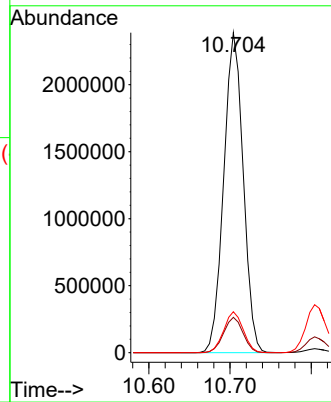
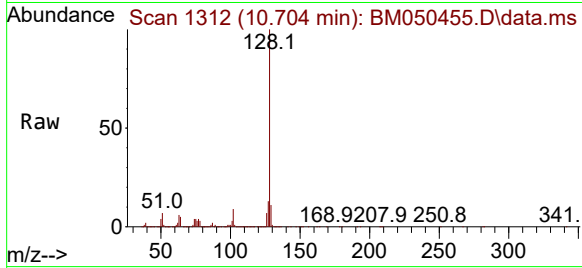




#31
Naphthalene
Concen: 36.771 ng
RT: 10.704 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

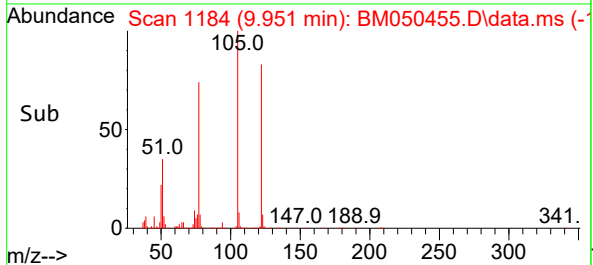
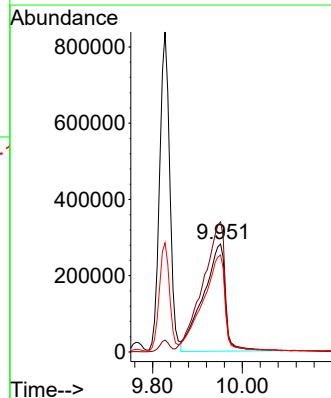
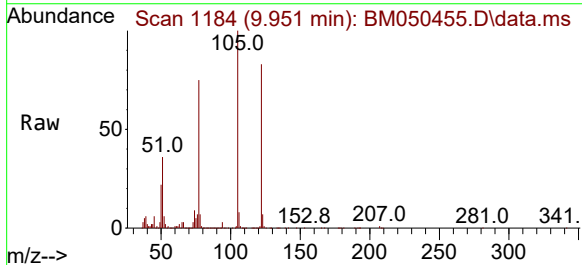
Instrument :
BNA_M
ClientSampleId :
TP-18MS

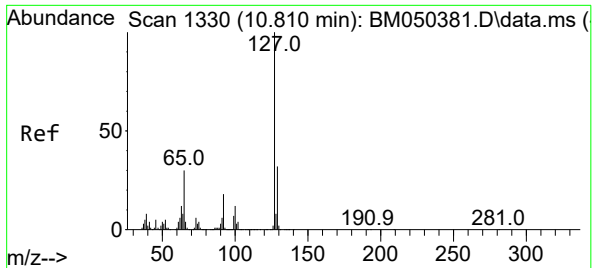
Tgt Ion:128 Resp: 3987817
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 48.261 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:122 Resp: 960193
Ion Ratio Lower Upper
122 100
105 120.6 104.0 144.0
77 90.0 73.8 113.8

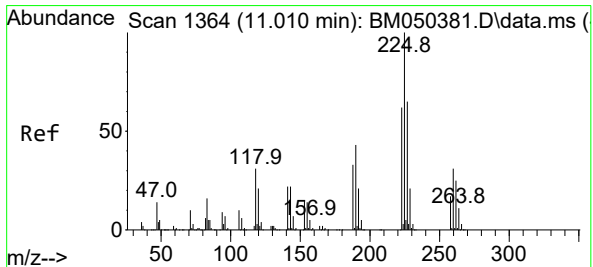
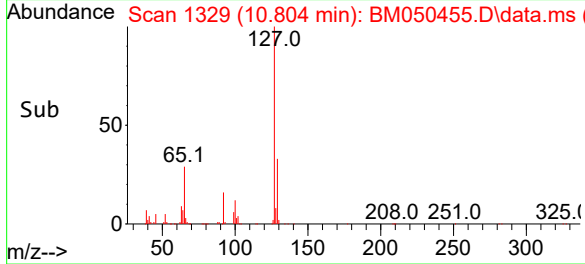
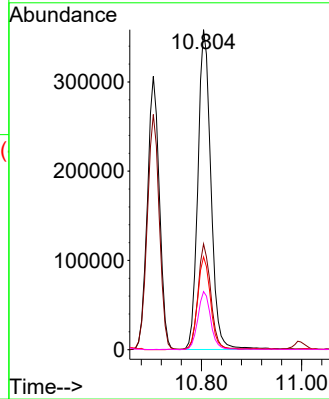
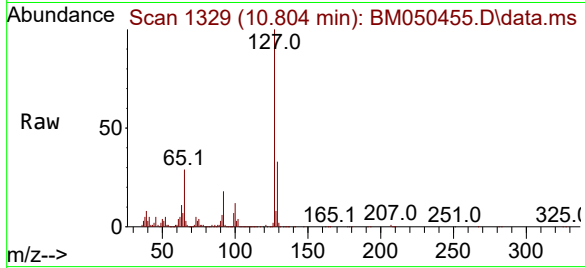




#33
4-Chloroaniline
Concen: 14.058 ng
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

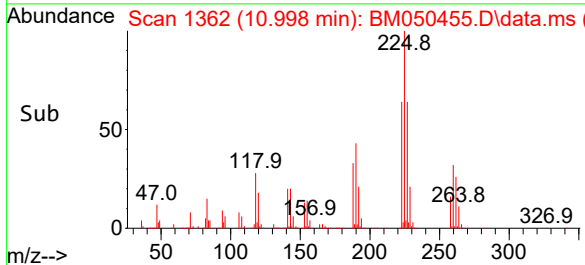
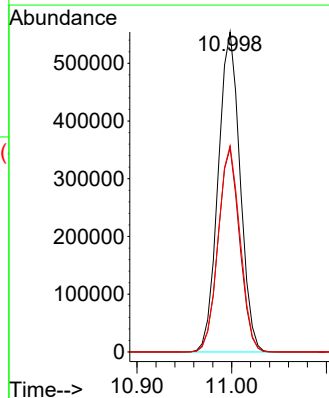
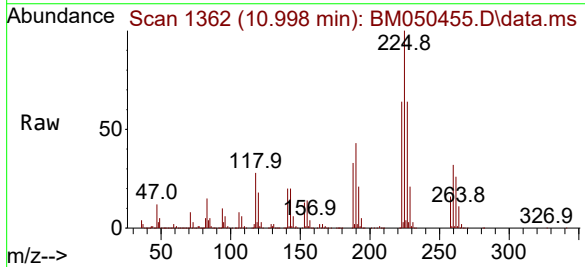
Instrument :
BNA_M
ClientSampleId :
TP-18MS

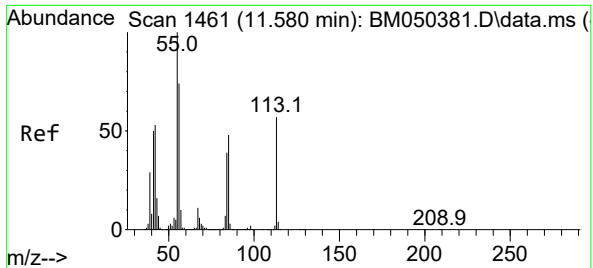
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.5	38.3
65	29.0	23.9	35.9
92	18.1	14.6	21.8



#34
Hexachlorobutadiene
Concen: 36.568 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	64.5	52.1	78.1

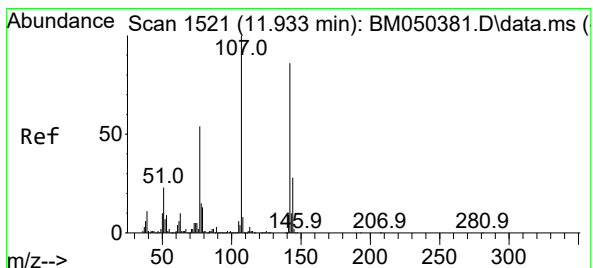
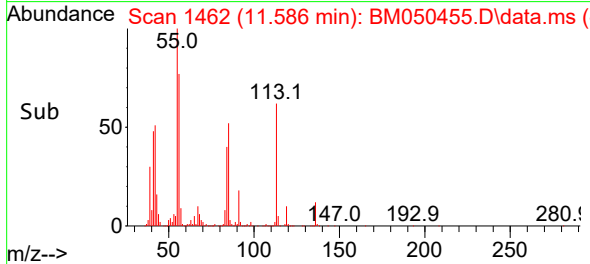
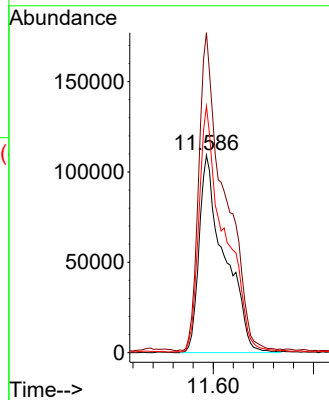
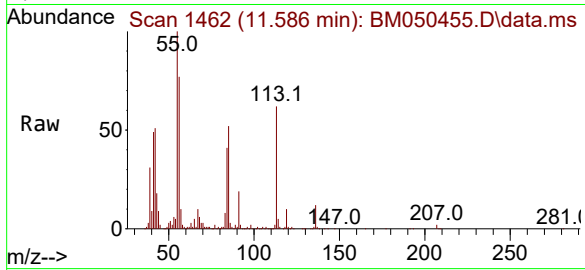




#35
Caprolactam
Concen: 42.093 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

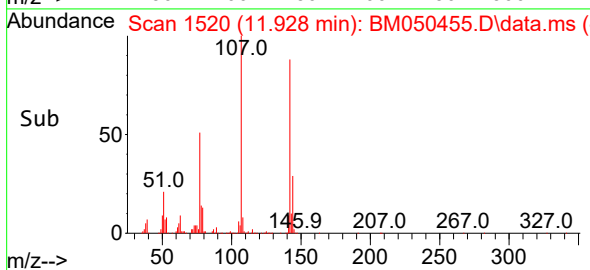
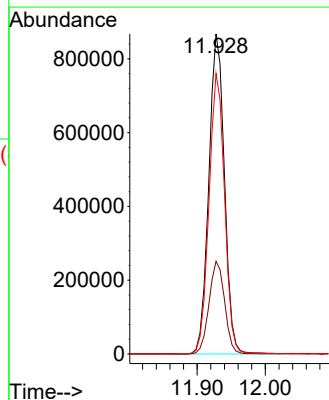
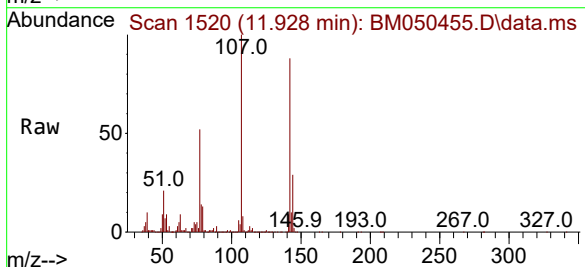
Instrument :
BNA_M
ClientSampleId :
TP-18MS

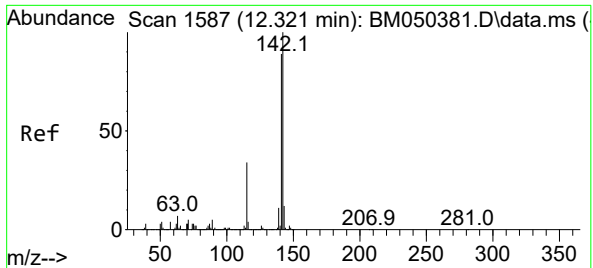
Tgt Ion:113 Resp: 382349
Ion Ratio Lower Upper
113 100
55 162.0 157.2 197.2
56 125.0 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 44.436 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:107 Resp: 1380724
Ion Ratio Lower Upper
107 100
144 28.9 22.2 33.4
142 87.6 68.7 103.1

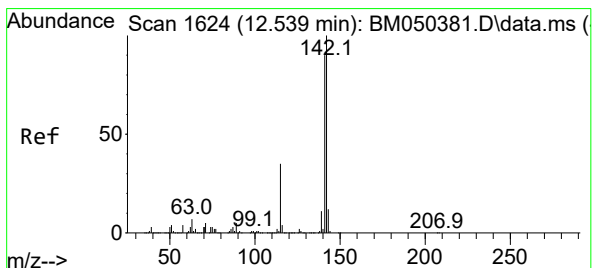
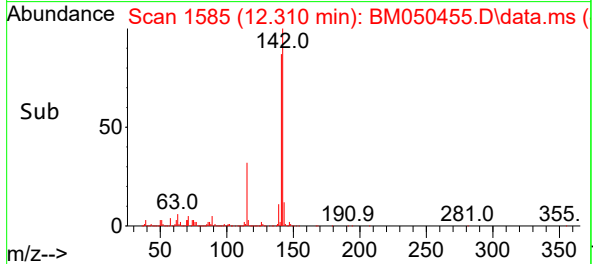
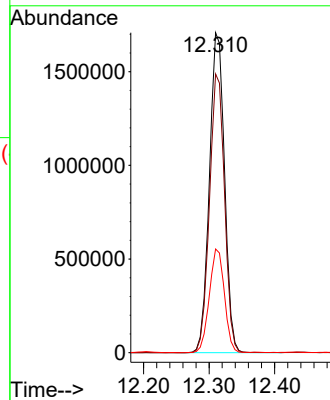
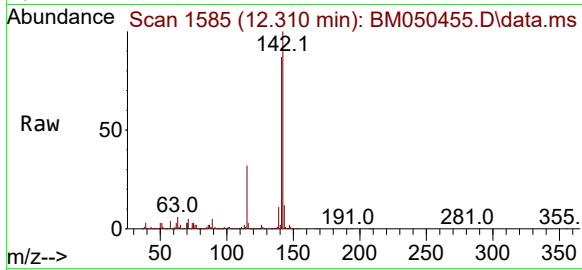




#37
2-Methylnaphthalene
Concen: 40.033 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

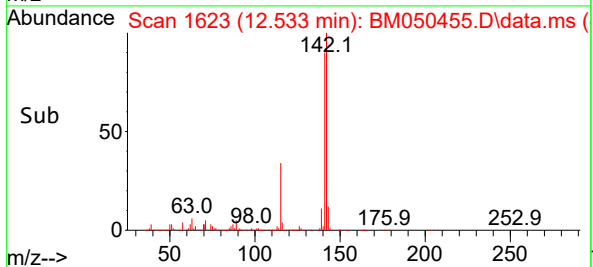
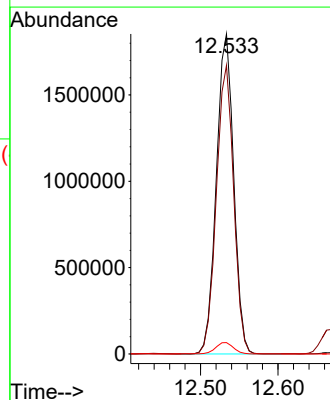
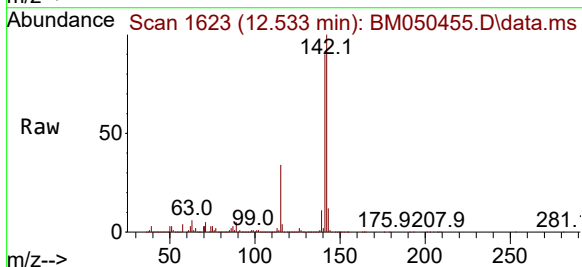
Instrument :
BNA_M
ClientSampleId :
TP-18MS

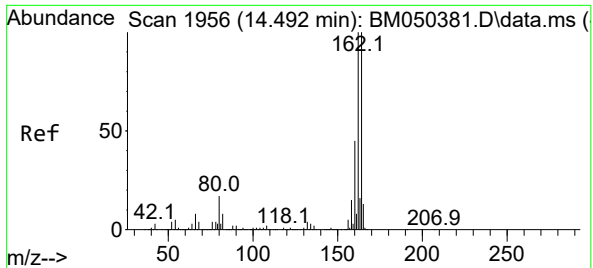
Tgt Ion:142 Resp: 2741311
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
115 32.4 27.0 40.4



#38
1-Methylnaphthalene
Concen: 39.762 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:142 Resp: 2881486
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

BNA_M

ClientSampleId :

TP-18MS

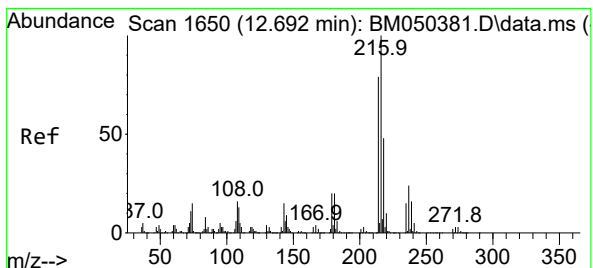
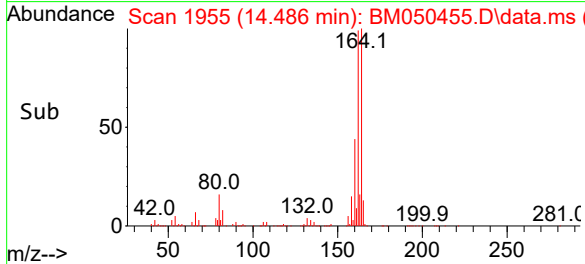
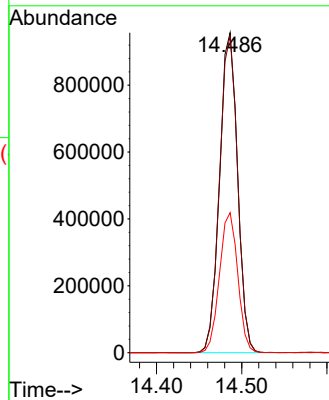
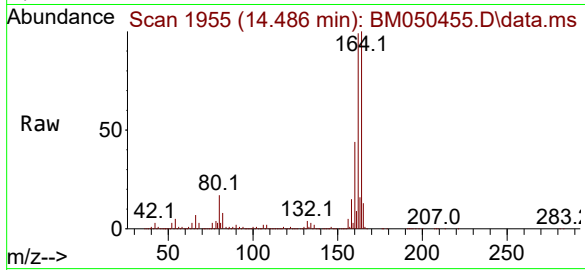
Tgt Ion:164 Resp: 1406721

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.989 ng

RT: 12.680 min Scan# 1648

Delta R.T. -0.012 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion:216 Resp: 1788912

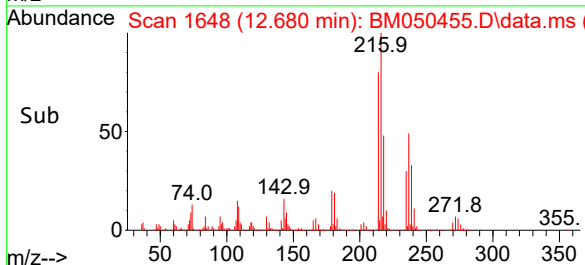
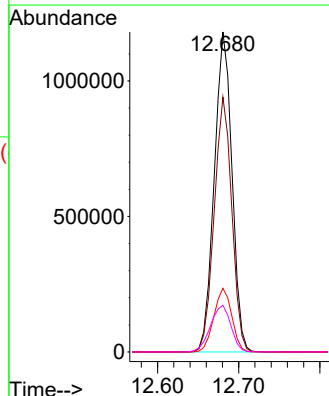
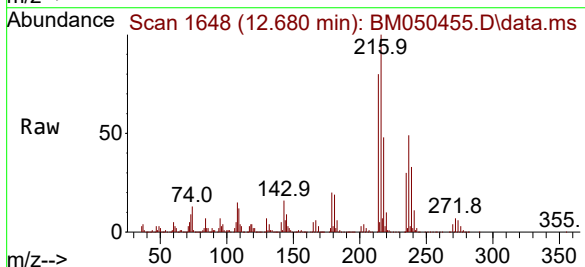
Ion Ratio Lower Upper

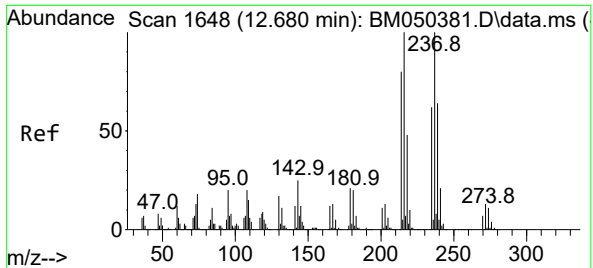
216 100

214 79.1 63.3 94.9

179 20.1 16.4 24.6

108 16.9 13.9 20.9

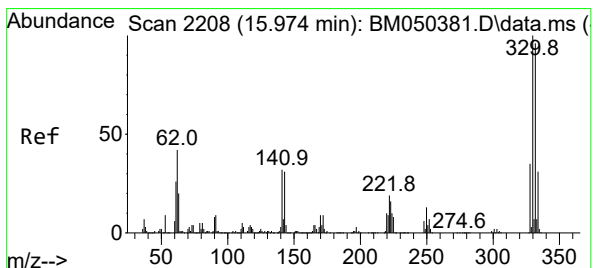
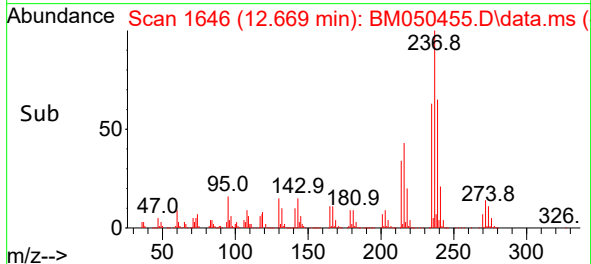
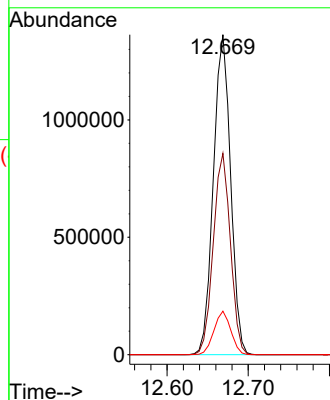
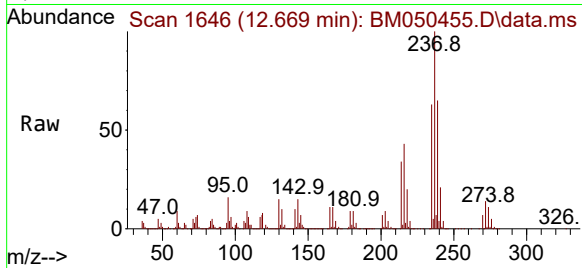




#41
Hexachlorocyclopentadiene
Concen: 70.133 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

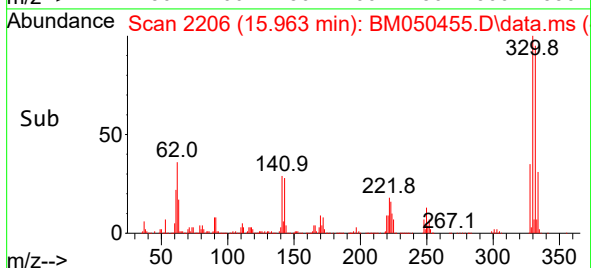
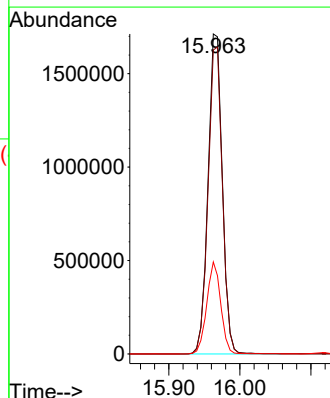
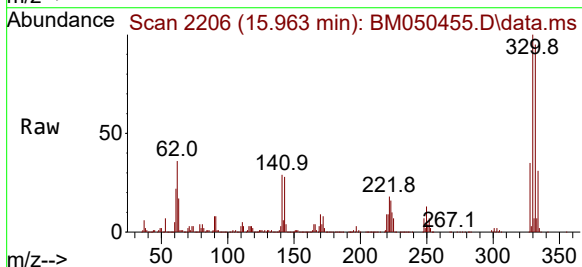
Instrument :
BNA_M
ClientSampleId :
TP-18MS

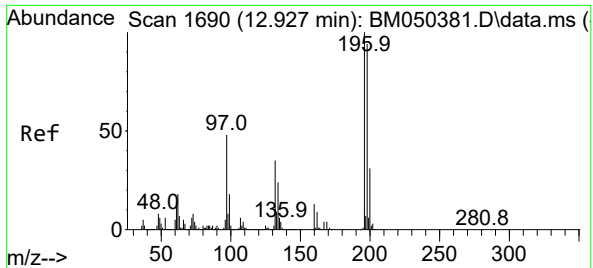
Tgt Ion:237 Resp: 2005480
Ion Ratio Lower Upper
237 100
235 62.9 42.3 82.3
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 140.220 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:330 Resp: 2396618
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 28.2 27.4 41.0

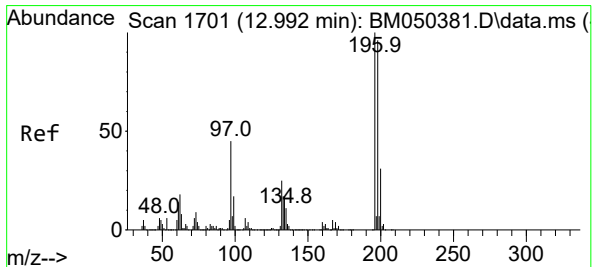
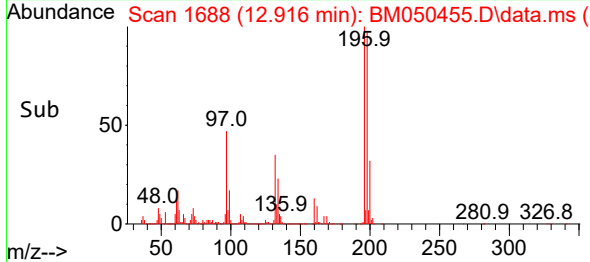
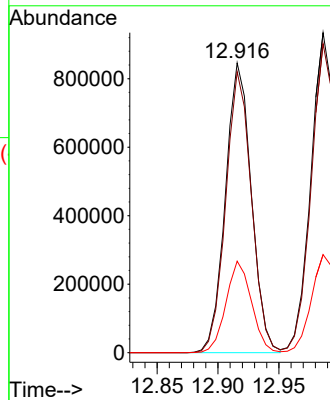
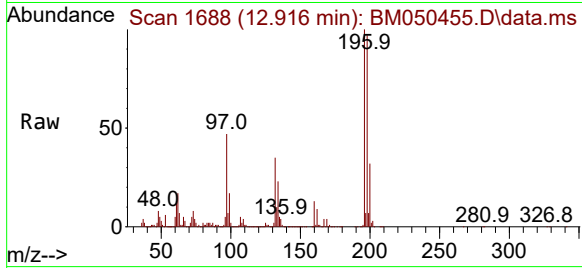




#43
2,4,6-Trichlorophenol
Concen: 45.612 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

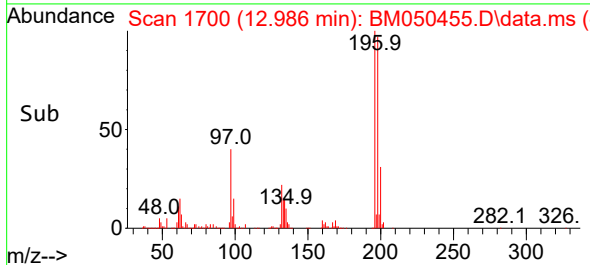
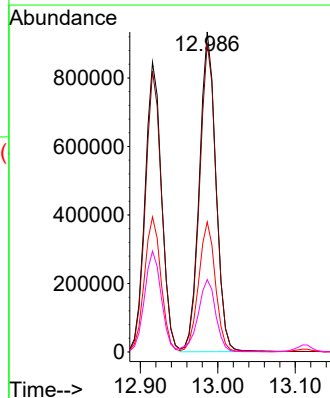
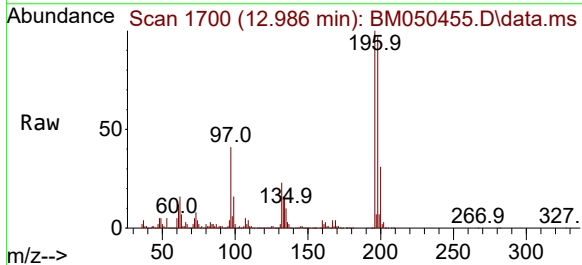
Instrument :
BNA_M
ClientSampleId :
TP-18MS

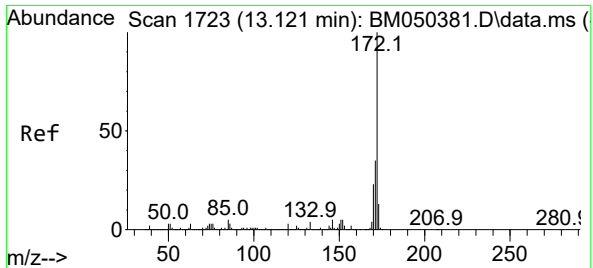
Tgt Ion:196 Resp: 1255977
Ion Ratio Lower Upper
196 100
198 97.0 75.1 112.7
200 31.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.918 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:196 Resp: 1380877
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 40.7 36.2 54.4
132 22.6 19.9 29.9

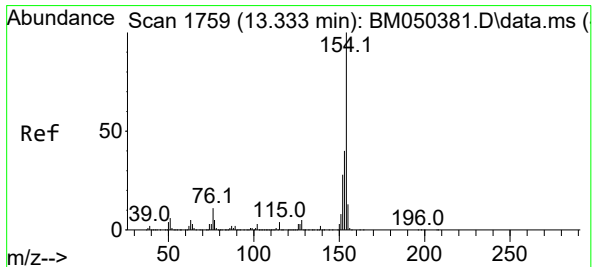
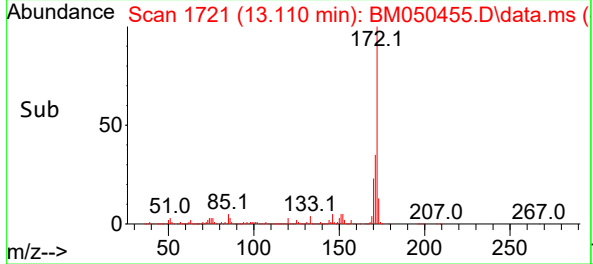
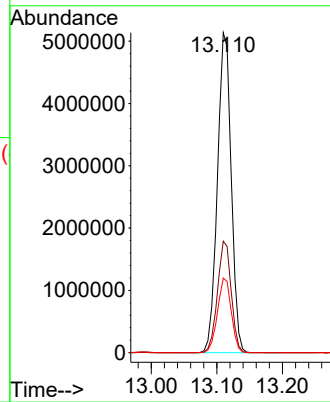
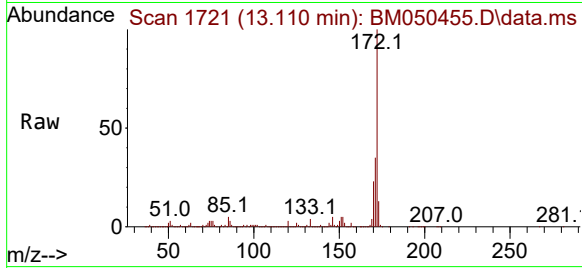




#45
2-Fluorobiphenyl
Concen: 65.806 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

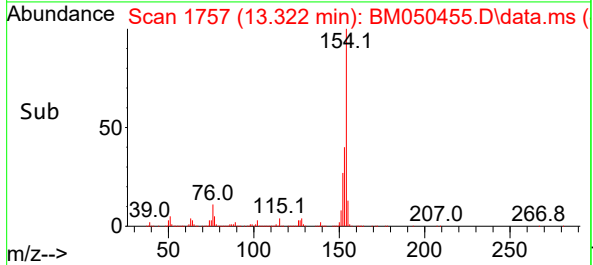
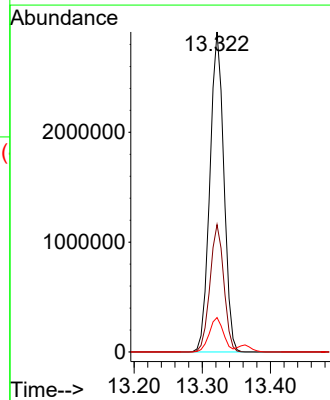
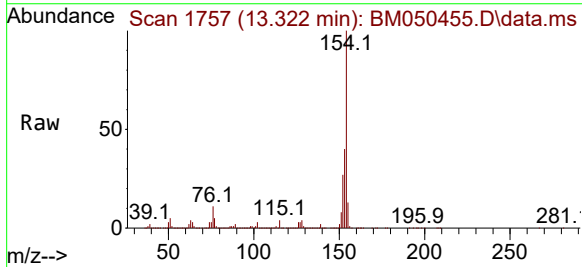
Instrument :
BNA_M
ClientSampleId :
TP-18MS

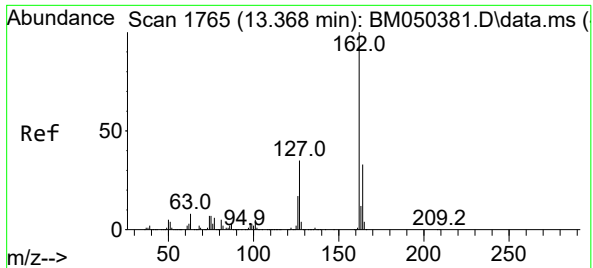
Tgt Ion:172 Resp: 7496048
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.763 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:154 Resp: 4150029
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 10.8 0.0 30.9

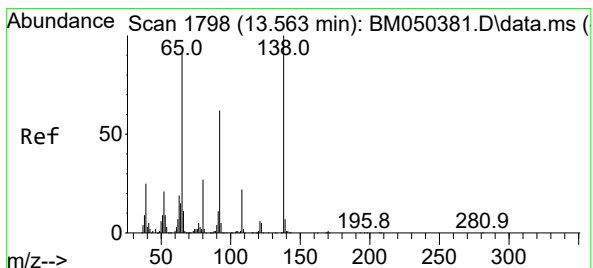
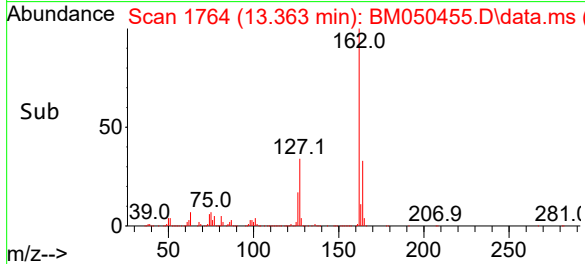
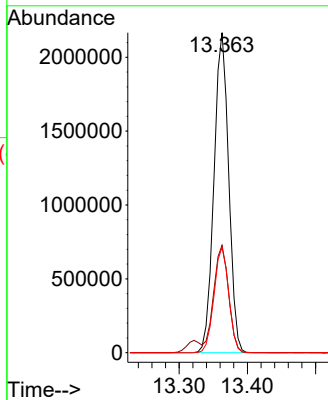
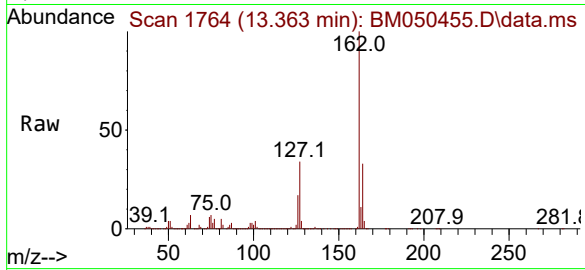




#47
2-Chloronaphthalene
Concen: 39.069 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

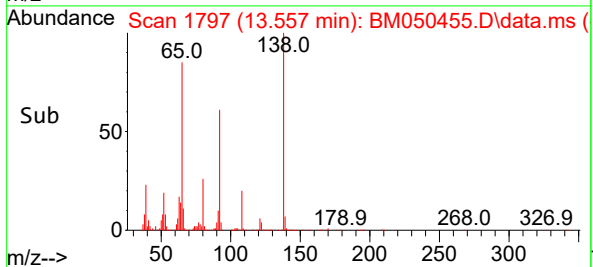
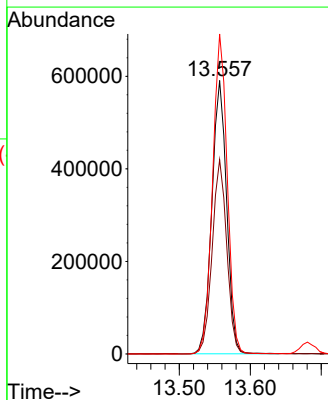
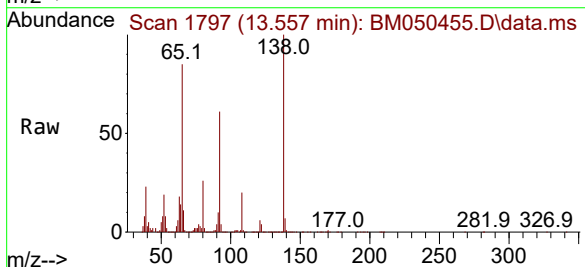
Instrument :
BNA_M
ClientSampleId :
TP-18MS

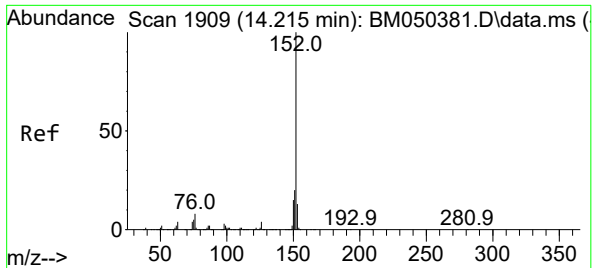
Tgt Ion:162 Resp: 3251114
Ion Ratio Lower Upper
162 100
127 33.6 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 46.044 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion: 65 Resp: 855238
Ion Ratio Lower Upper
65 100
92 71.0 54.3 81.5
138 117.0 87.8 131.6

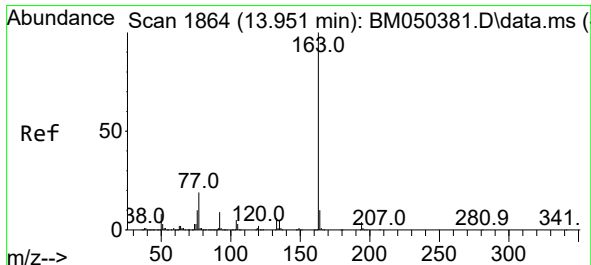
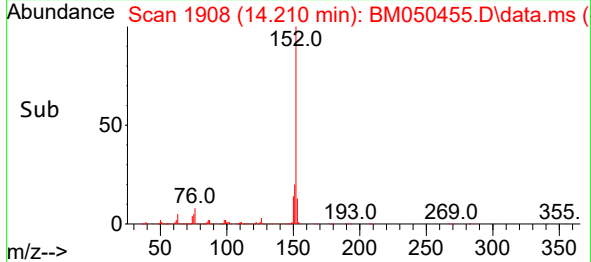
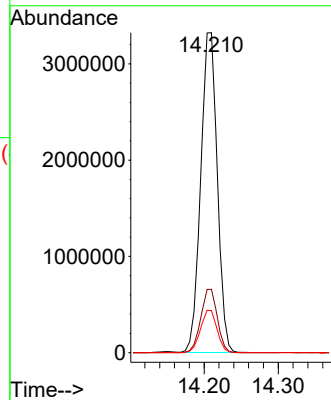
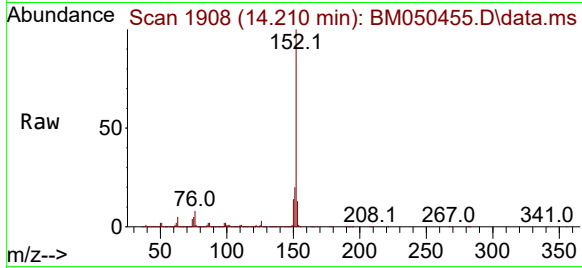




#49
Acenaphthylene
Concen: 40.970 ng
RT: 14.210 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

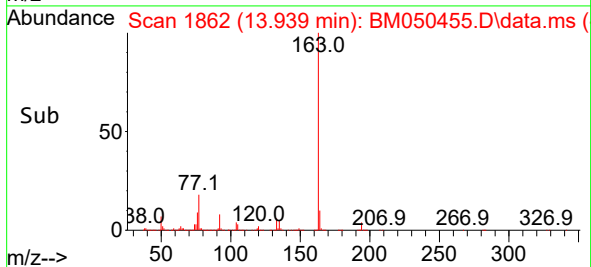
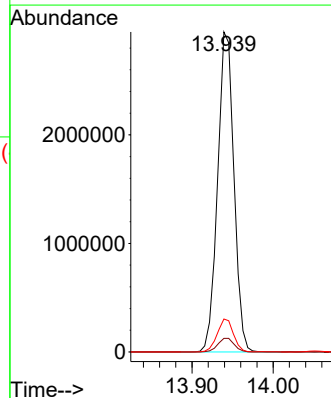
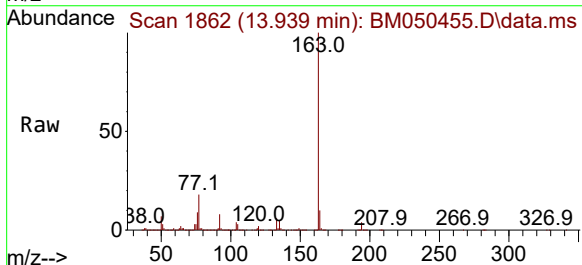
Instrument :
BNA_M
ClientSampleId :
TP-18MS

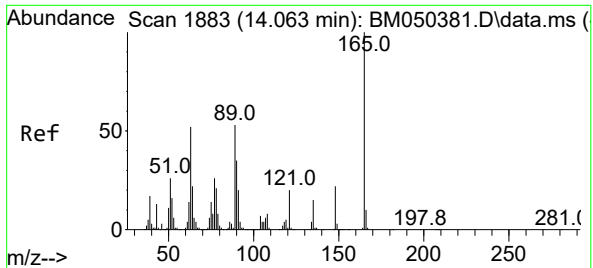
Tgt Ion:152 Resp: 5152370
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 42.546 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:163 Resp: 4120554
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2

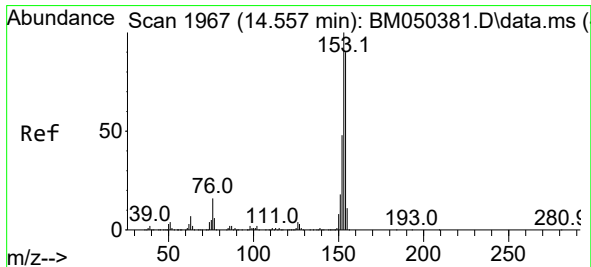
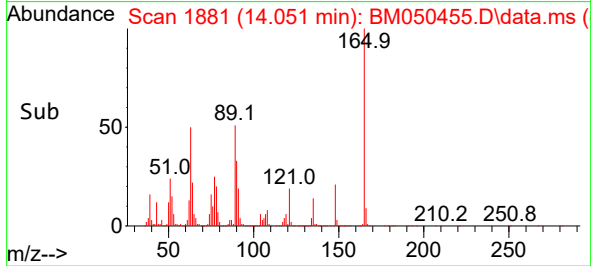
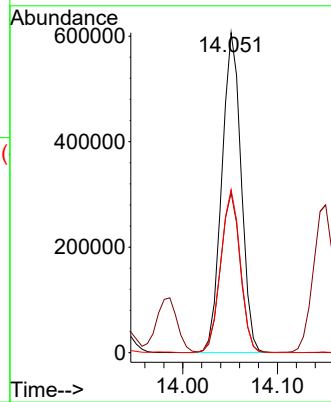
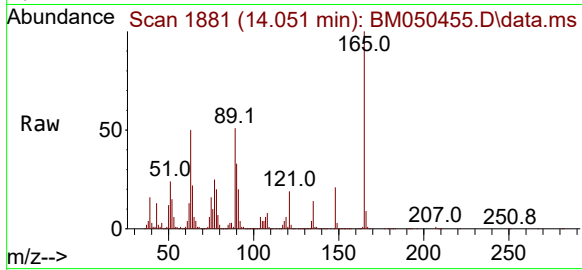




#51
2,6-Dinitrotoluene
Concen: 46.249 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

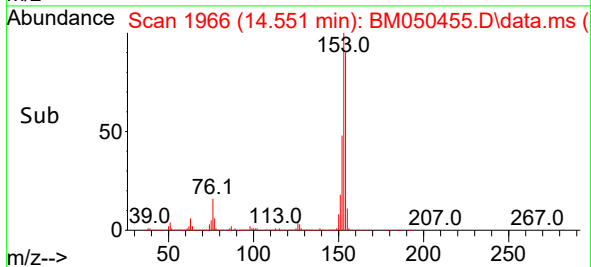
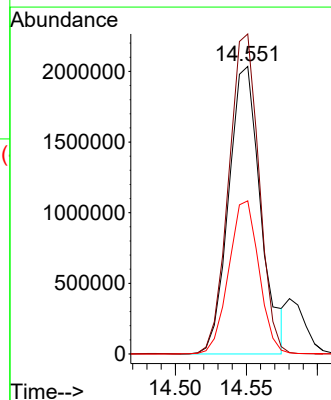
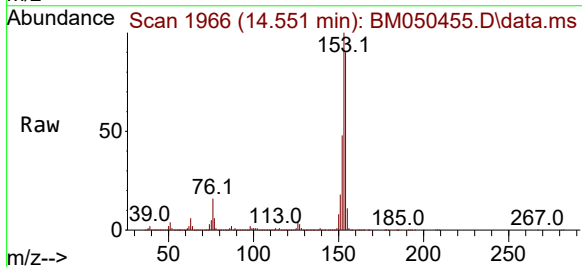
Instrument :
BNA_M
ClientSampleId :
TP-18MS

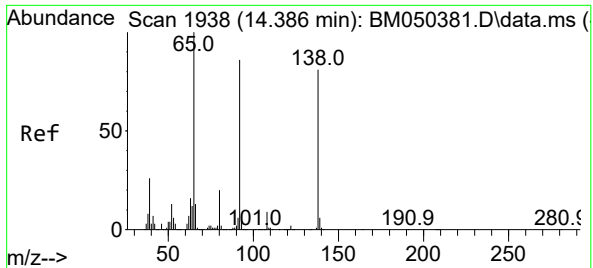
Tgt Ion:165 Resp: 860025
Ion Ratio Lower Upper
165 100
63 50.0 42.4 63.6
89 51.0 42.2 63.2



#52
Acenaphthene
Concen: 39.808 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:154 Resp: 3182821
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 53.2 42.6 64.0

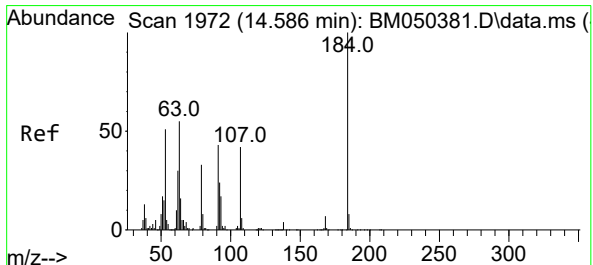
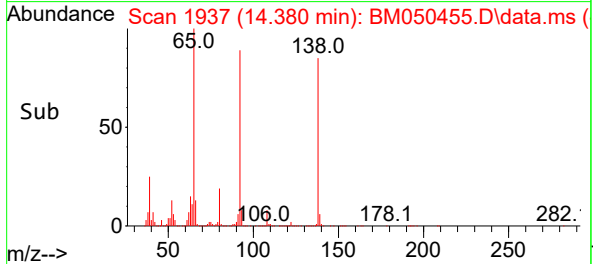
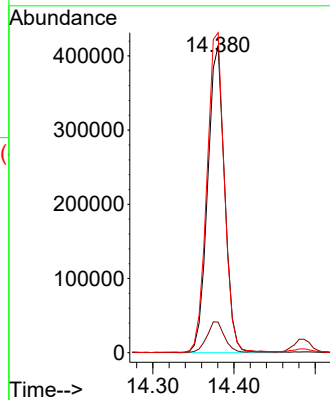
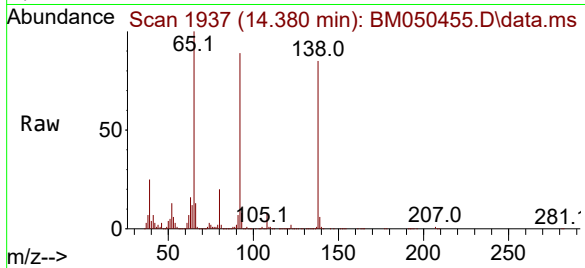




#53
3-Nitroaniline
Concen: 30.512 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

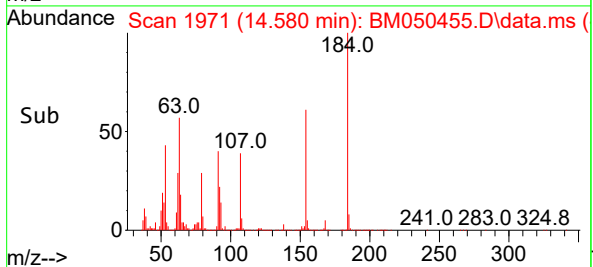
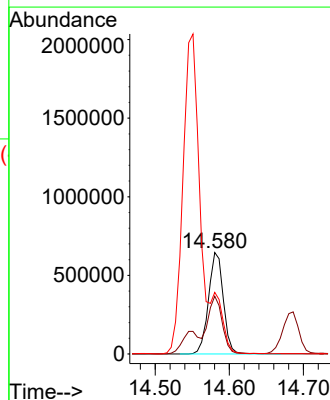
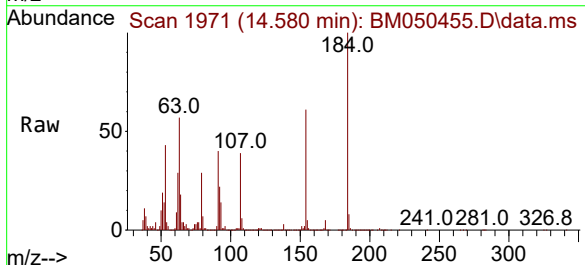
Instrument :
BNA_M
ClientSampleId :
TP-18MS

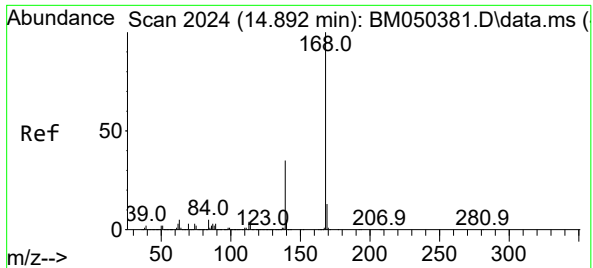
Tgt Ion:138 Resp: 603399
Ion Ratio Lower Upper
138 100
108 10.0 8.8 13.2
92 104.3 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 87.045 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:184 Resp: 899464
Ion Ratio Lower Upper
184 100
63 57.0 53.4 80.0
154 60.8 61.6 92.4#

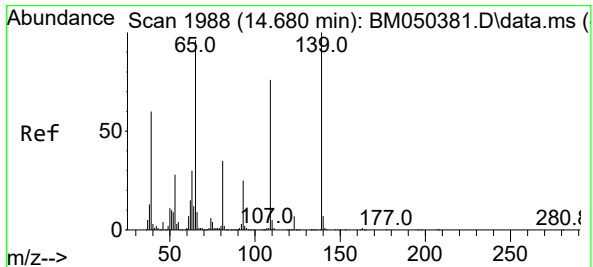
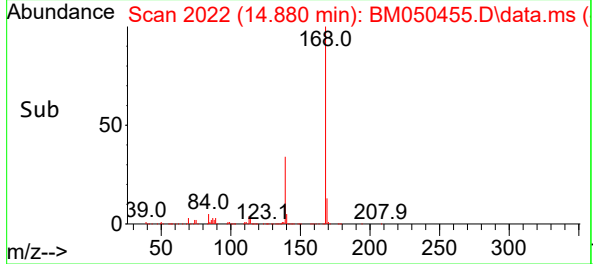
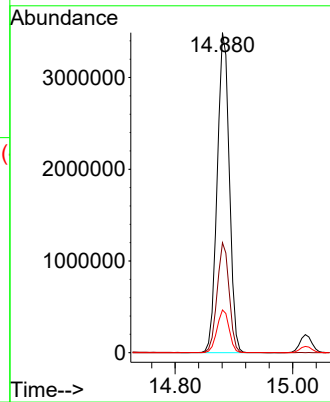
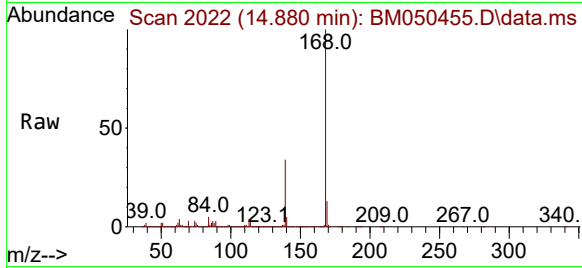




#55
Dibenzenofuran
Concen: 40.431 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

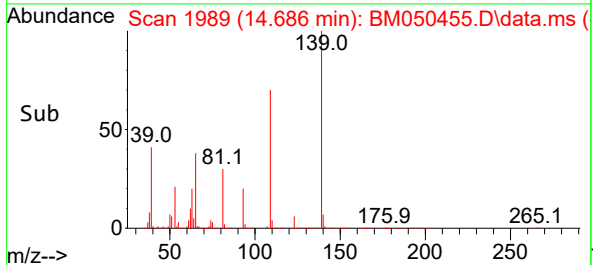
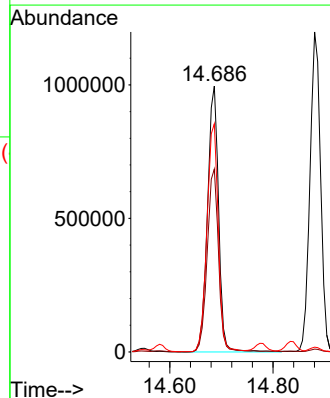
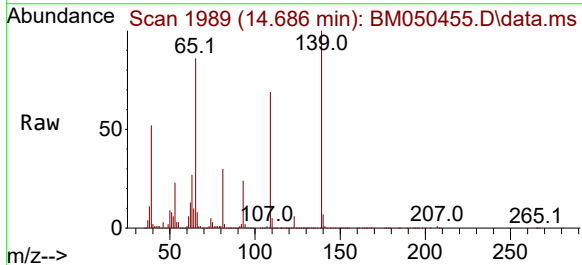
Instrument :
BNA_M
ClientSampleId :
TP-18MS

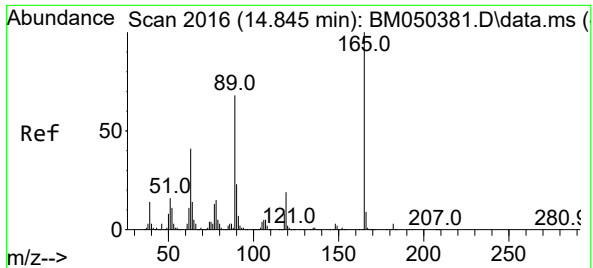
Tgt Ion:168 Resp: 4980853
Ion Ratio Lower Upper
168 100
139 34.3 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 87.491 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:139 Resp: 1487936
Ion Ratio Lower Upper
139 100
109 68.7 56.5 96.5
65 85.8 76.4 116.4

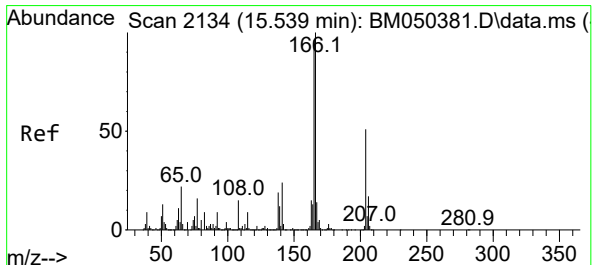
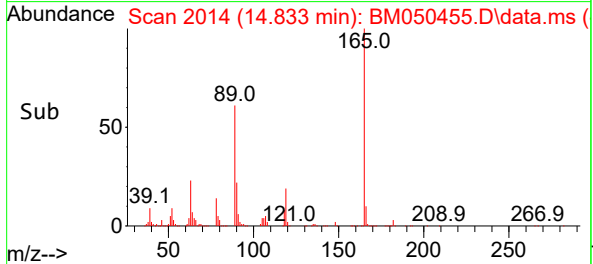
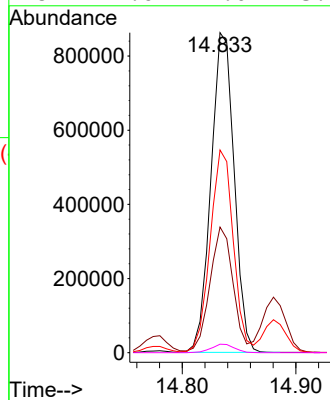
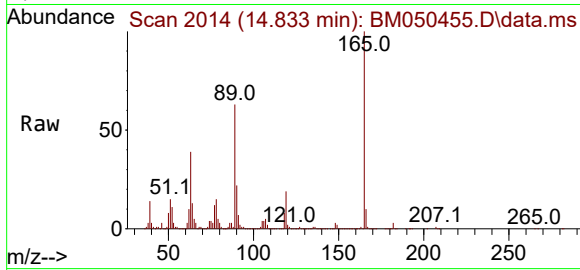




#57
2,4-Dinitrotoluene
Concen: 44.128 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

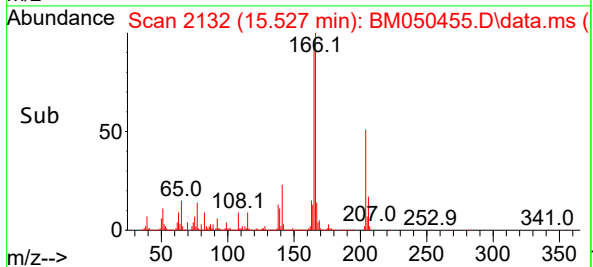
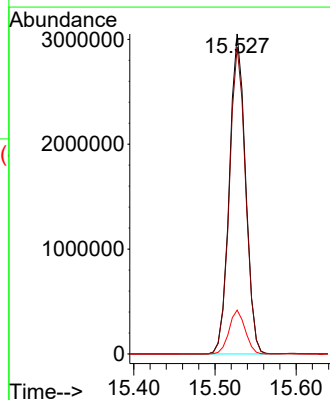
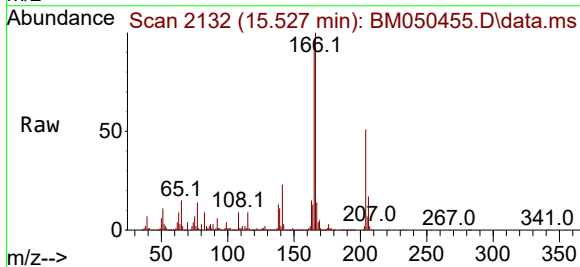
Instrument :
BNA_M
ClientSampleId :
TP-18MS

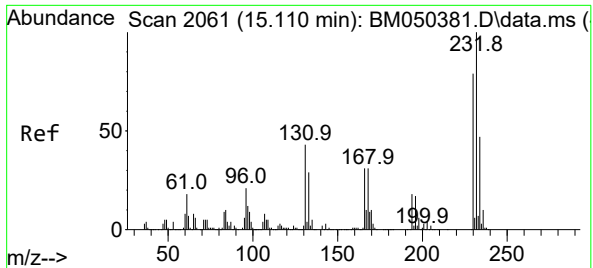
Tgt Ion:165 Resp: 1221917
Ion Ratio Lower Upper
165 100
63 39.2 32.5 48.7
89 63.4 54.0 81.0
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.421 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:166 Resp: 4202985
Ion Ratio Lower Upper
166 100
165 96.0 77.0 115.6
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.627 ng

RT: 15.104 min Scan# 2061

Delta R.T. -0.006 min

Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Instrument :

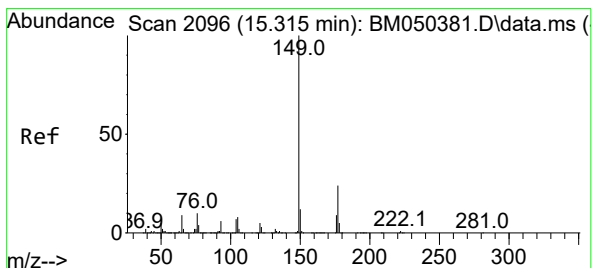
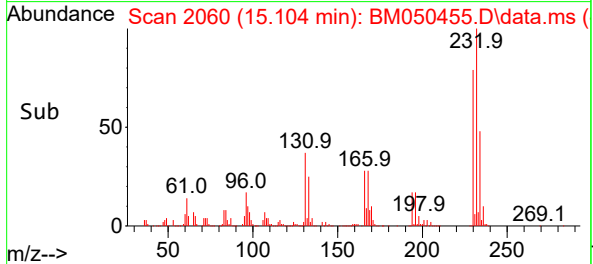
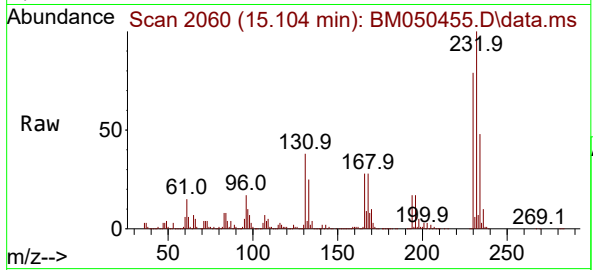
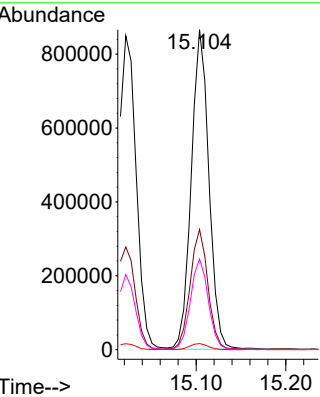
BNA_M

ClientSampleId :

TP-18MS

Tgt Ion:232 Resp: 1180371

Ion	Ratio	Lower	Upper
232	100		
131	38.2	33.4	50.0
130	2.1	1.8	2.6
166	28.9	24.2	36.4



#60

Diethylphthalate

Concen: 42.536 ng

RT: 15.304 min Scan# 2094

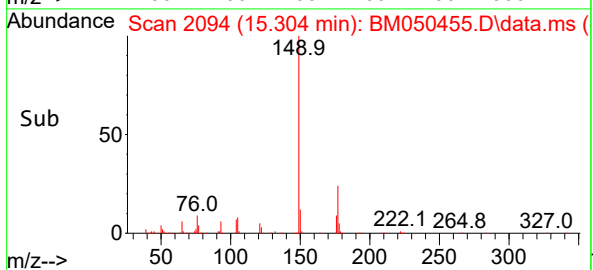
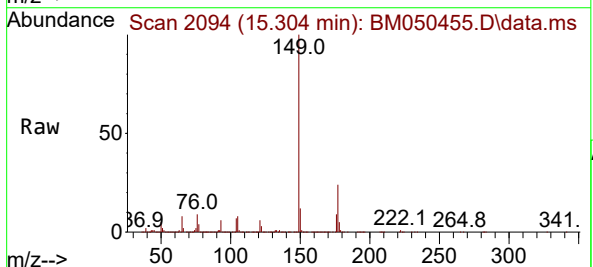
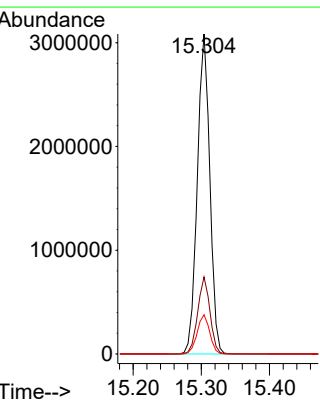
Delta R.T. -0.012 min

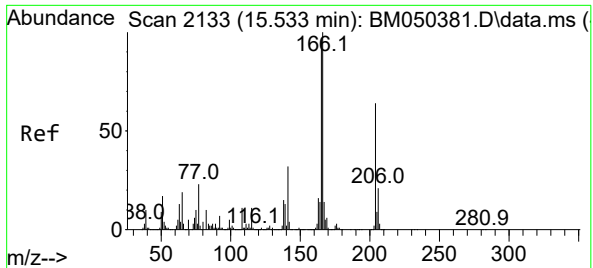
Lab File: BM050455.D

Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 3935219

Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.8	28.2
150	12.3	9.8	14.8

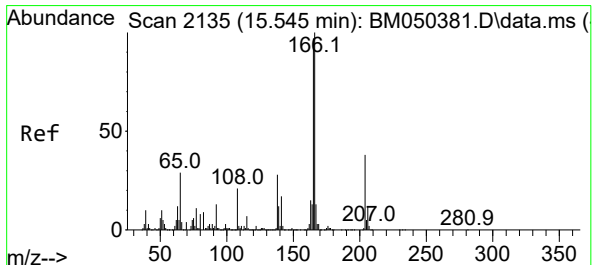
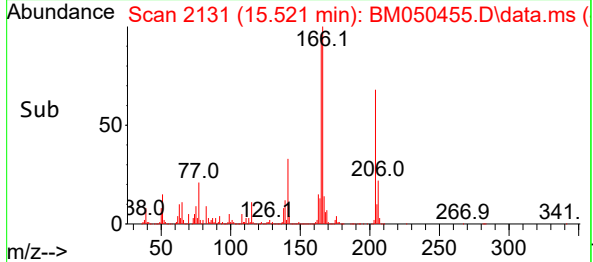
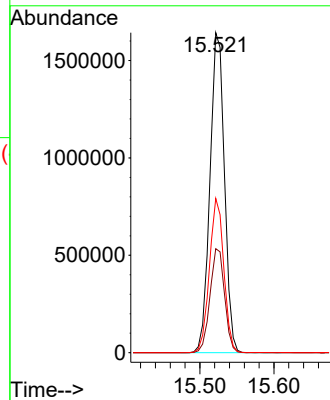
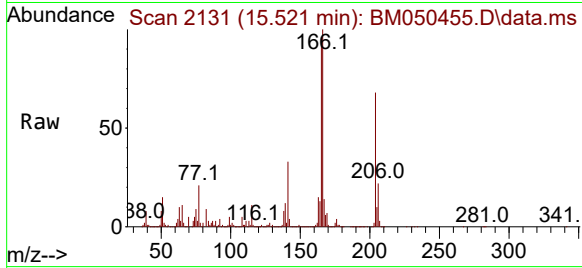




#61
4-Chlorophenyl-phenylether
Concen: 42.030 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

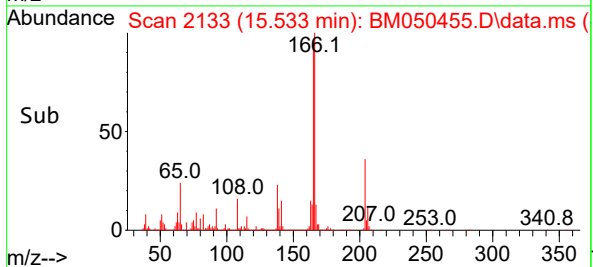
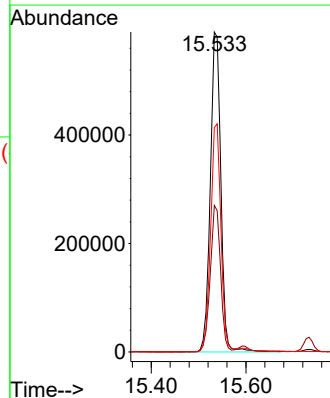
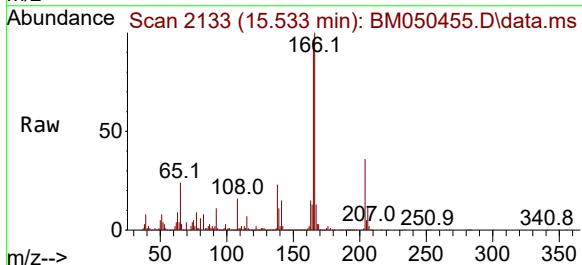
Instrument :
BNA_M
ClientSampleId :
TP-18MS

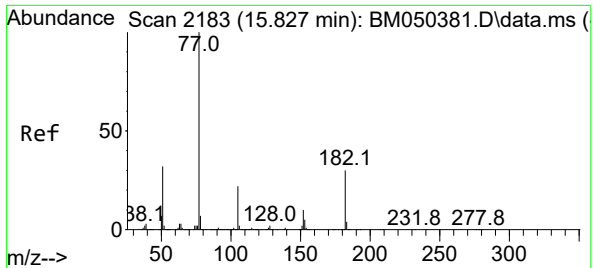
Tgt Ion:204 Resp: 2230029
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 40.457 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:138 Resp: 910024
Ion Ratio Lower Upper
138 100
92 45.8 24.5 64.5
108 70.1 52.5 92.5

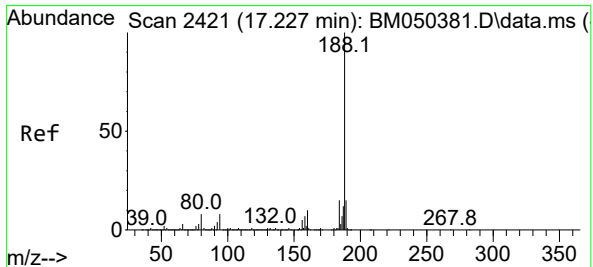
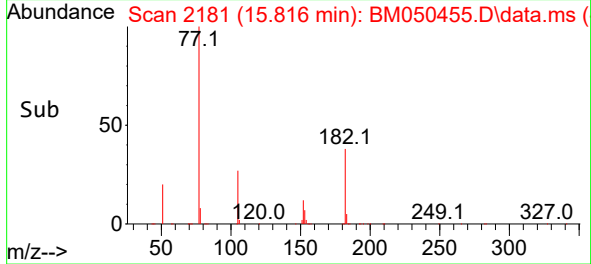
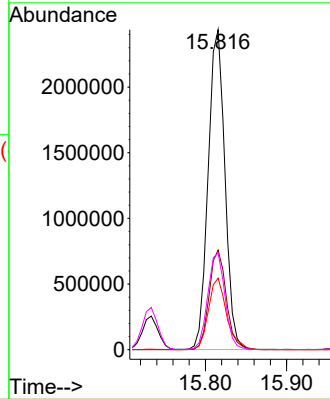
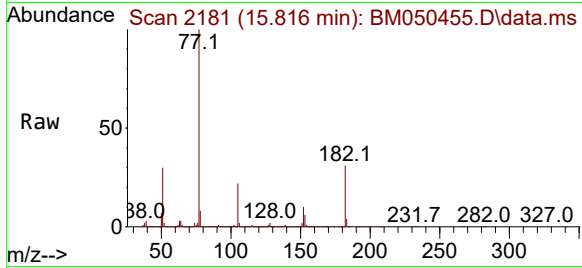




#63
Azobenzene
Concen: 41.012 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

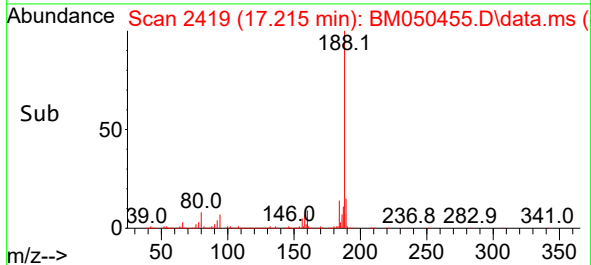
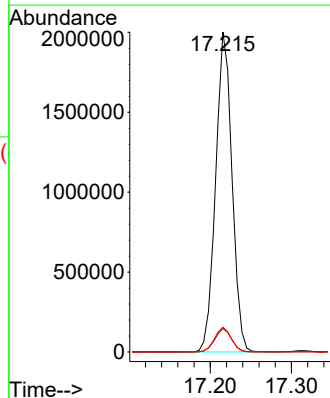
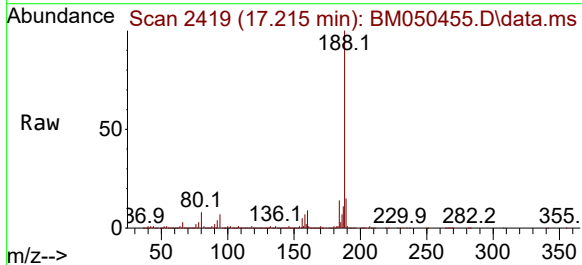
Instrument :
BNA_M
ClientSampleId :
TP-18MS

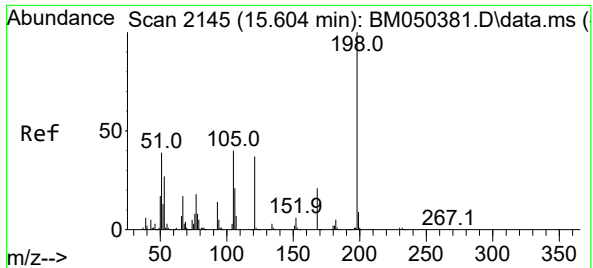
Tgt Ion: 77 Resp: 3484030
Ion Ratio Lower Upper
77 100
182 31.2 10.0 50.0
105 22.3 2.0 42.0
51 30.2 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:188 Resp: 2803606
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.5 9.7

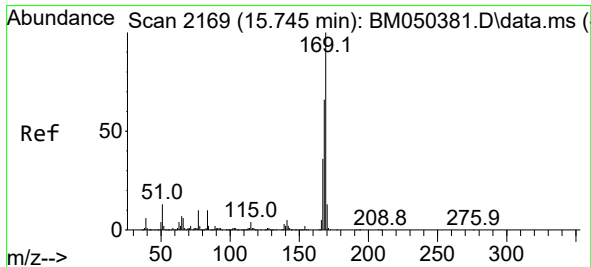
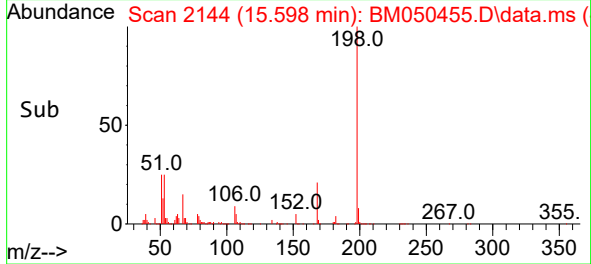
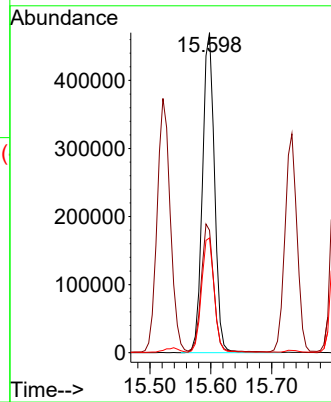
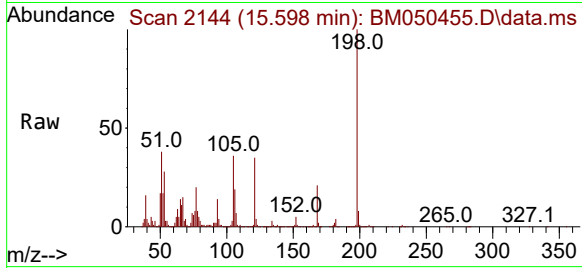




#65
4,6-Dinitro-2-methylphenol
Concen: 43.411 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

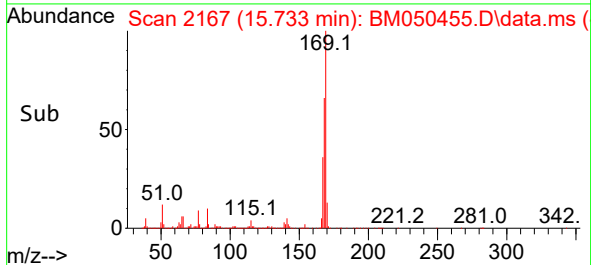
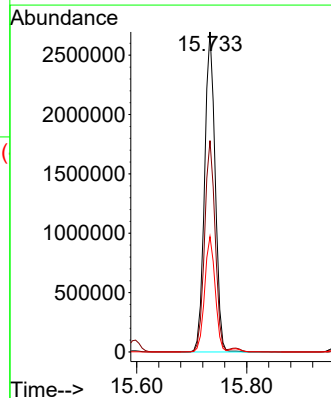
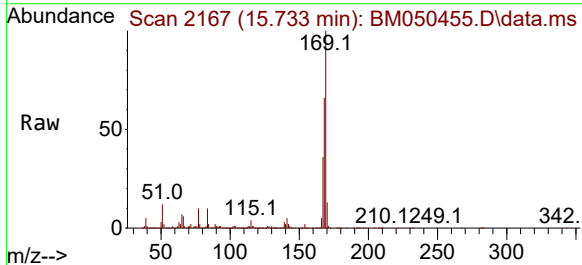
Instrument :
BNA_M
ClientSampleId :
TP-18MS

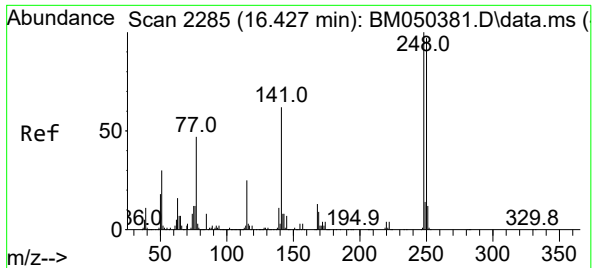
Tgt Ion:198 Resp: 643973
Ion Ratio Lower Upper
198 100
51 38.3 26.6 66.6
105 35.8 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 41.081 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:169 Resp: 3603970
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.0 28.7 43.1

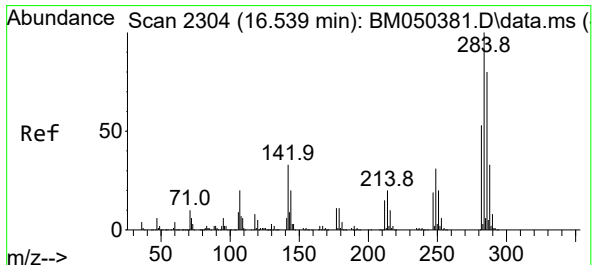
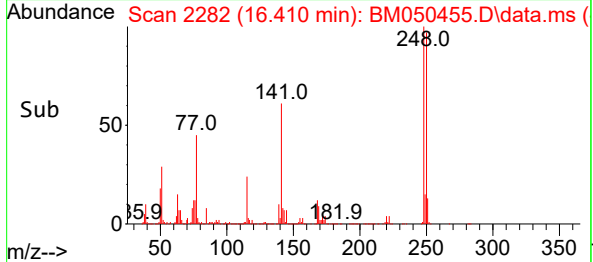
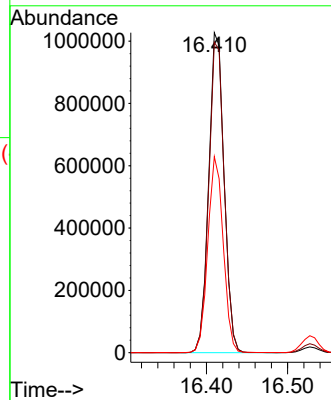
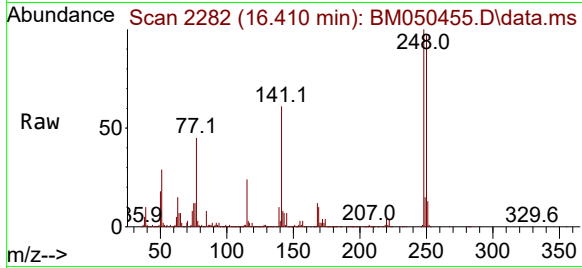




#67
4-Bromophenyl-phenylether
Concen: 43.595 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

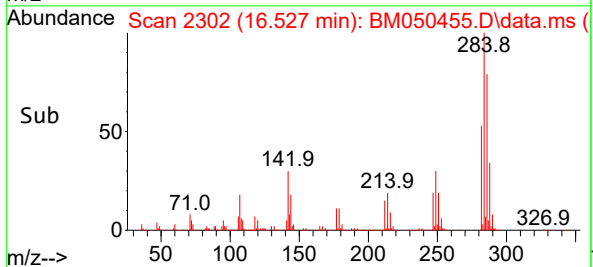
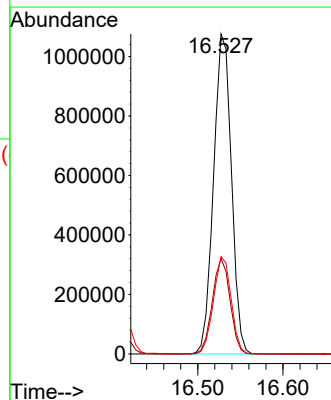
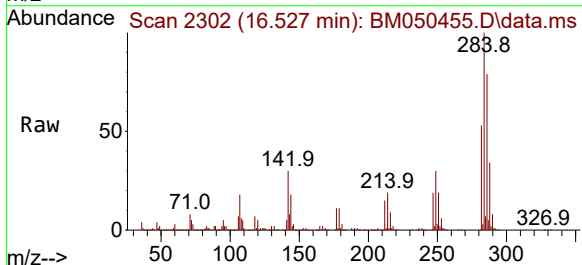
Instrument :
BNA_M
ClientSampleId :
TP-18MS

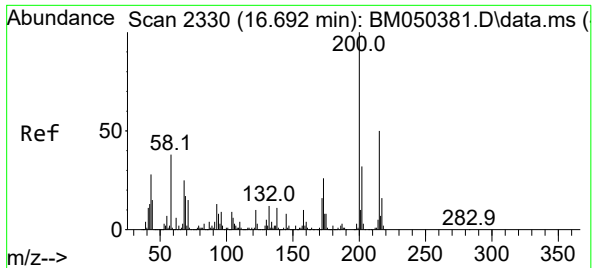
Tgt Ion:248 Resp: 1346620
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 61.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 42.878 ng
RT: 16.527 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:284 Resp: 1564293
Ion Ratio Lower Upper
284 100
142 29.8 26.8 40.2
249 30.4 24.5 36.7

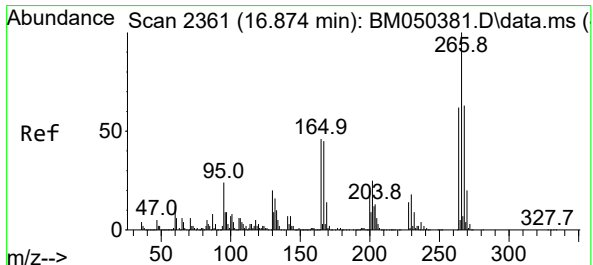
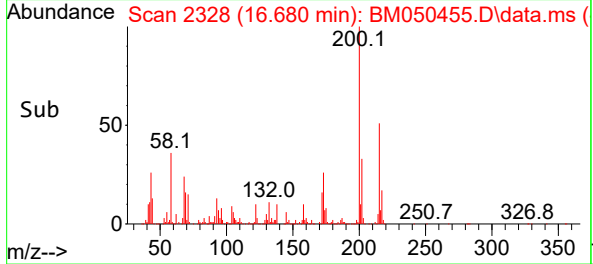
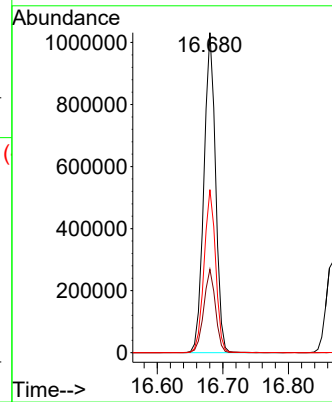
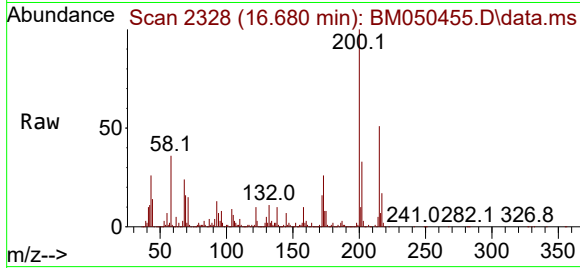




#69
Atrazine
Concen: 44.447 ng
RT: 16.680 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

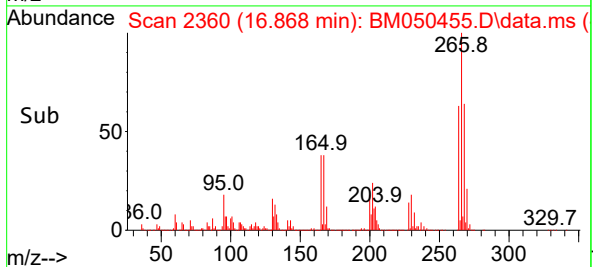
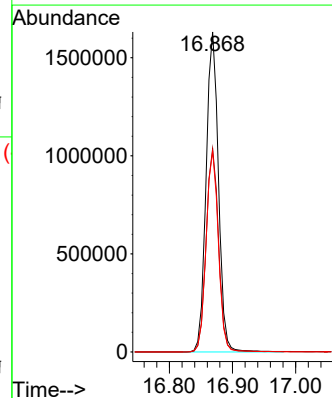
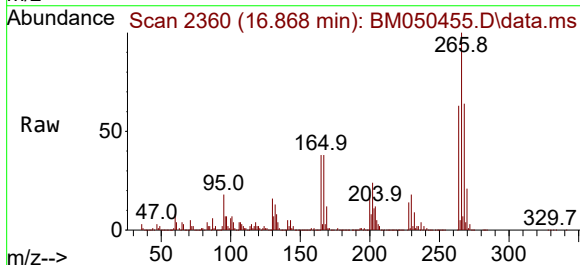
Instrument :
BNA_M
ClientSampleId :
TP-18MS

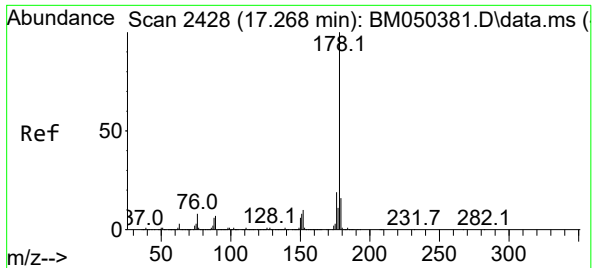
Tgt Ion:200 Resp: 1280413
Ion Ratio Lower Upper
200 100
173 26.1 5.6 45.6
215 51.0 29.6 69.6



#70
Pentachlorophenol
Concen: 97.656 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:266 Resp: 2217845
Ion Ratio Lower Upper
266 100
268 63.6 50.5 75.7
264 62.8 49.9 74.9

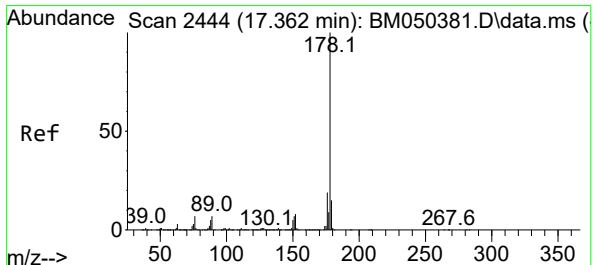
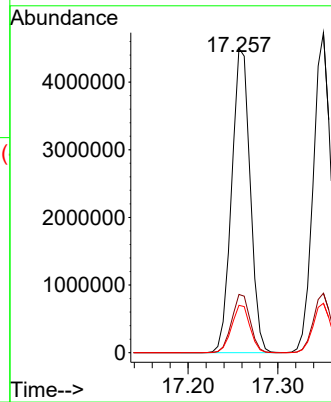
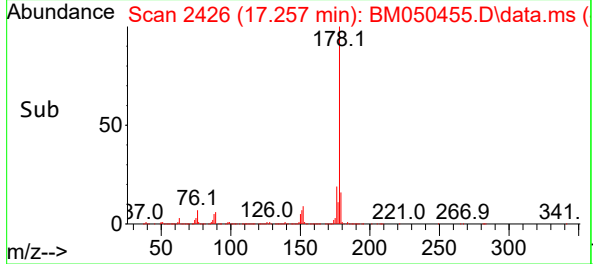
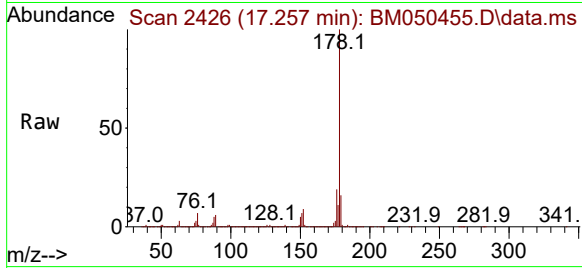




#71
Phenanthrene
Concen: 40.581 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

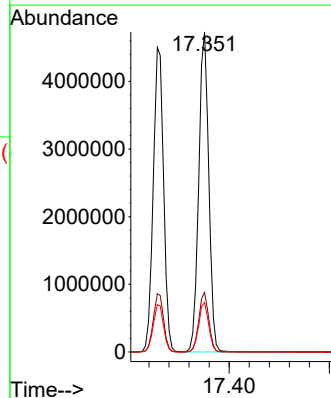
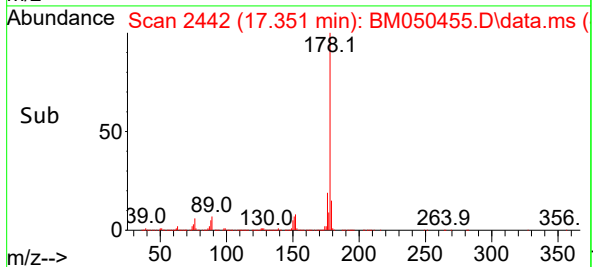
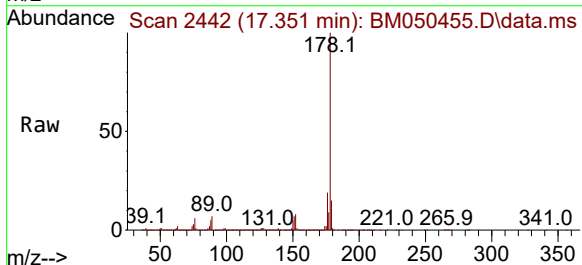
Instrument :
BNA_M
ClientSampleId :
TP-18MS

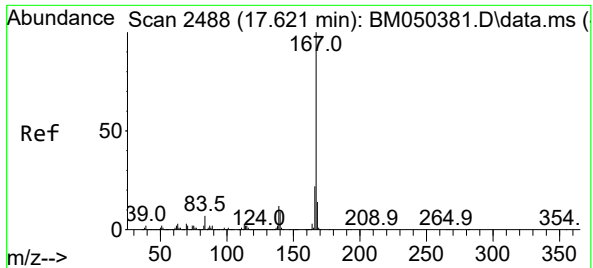
Tgt Ion:178 Resp: 6437864
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.390 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:178 Resp: 6536019
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4

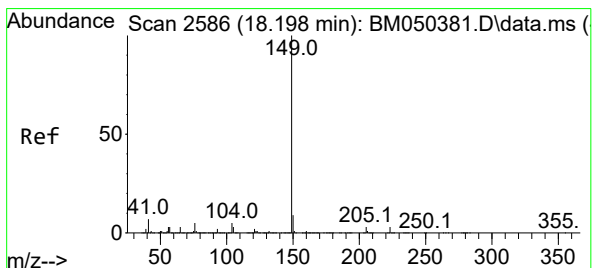
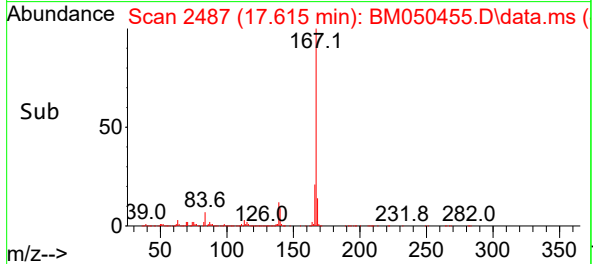
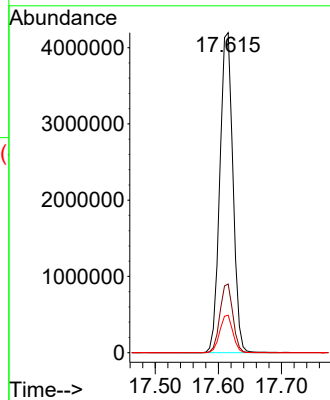
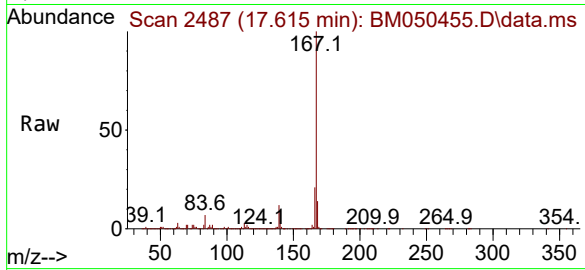




#73
Carbazole
Concen: 42.275 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

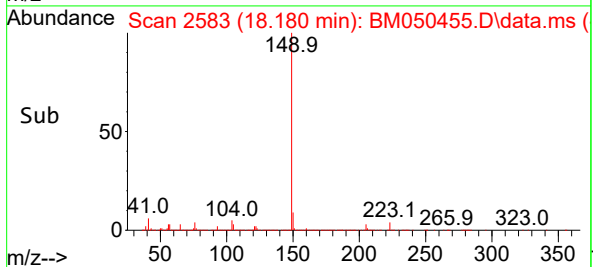
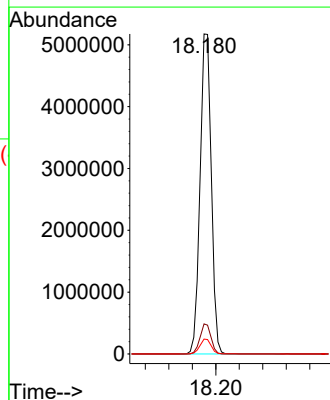
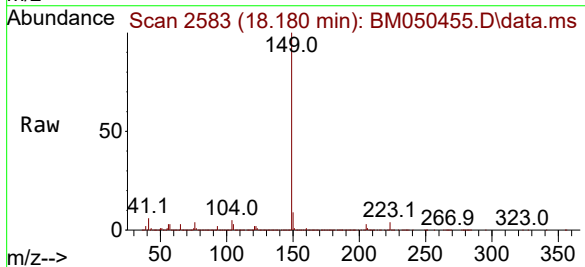
Instrument :
BNA_M
ClientSampleId :
TP-18MS

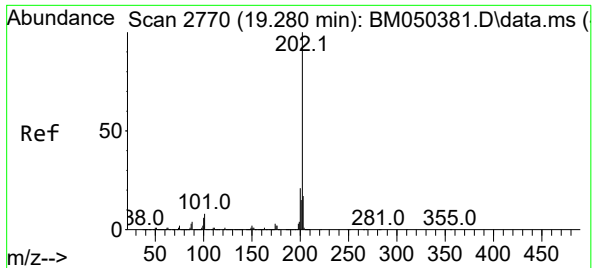
Tgt Ion:167 Resp: 6040438
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 43.786 ng
RT: 18.180 min Scan# 2583
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 6847843
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.7 3.9 5.9

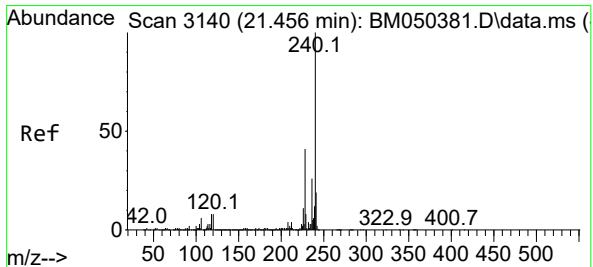
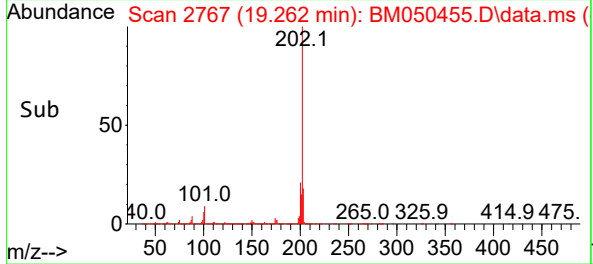
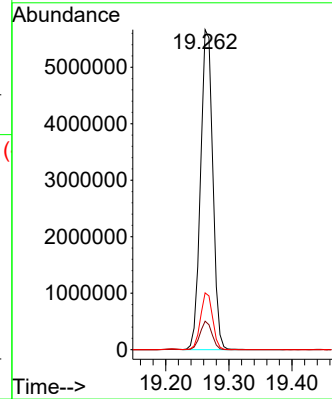
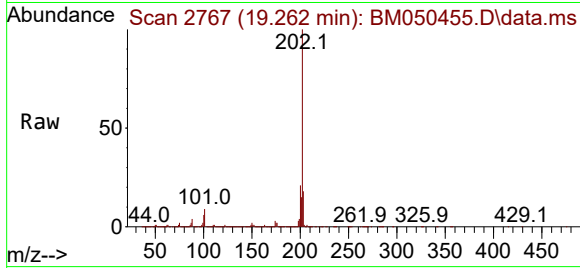




#75
Fluoranthene
Concen: 44.068 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

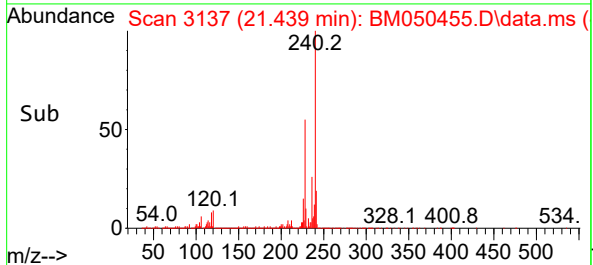
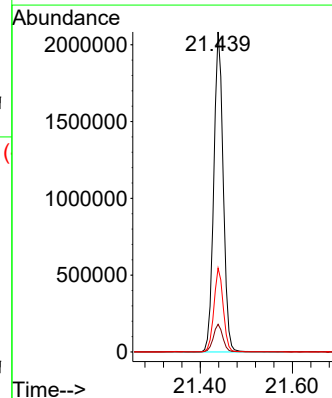
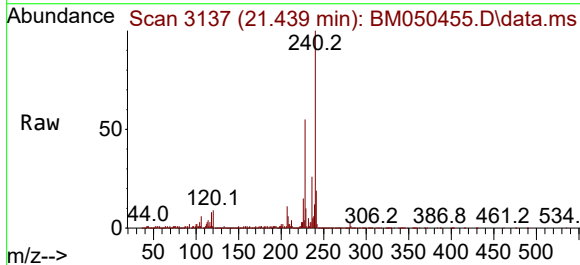
Instrument :
BNA_M
ClientSampleId :
TP-18MS

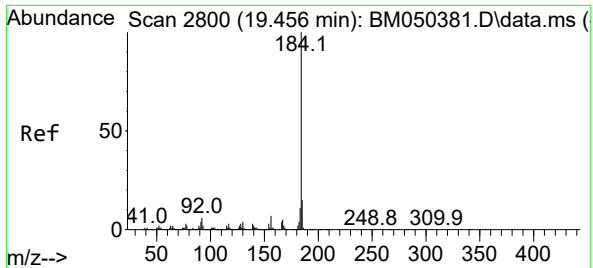
Tgt Ion:202 Resp: 7600062
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.3
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:240 Resp: 2966394
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.2 20.7 31.1

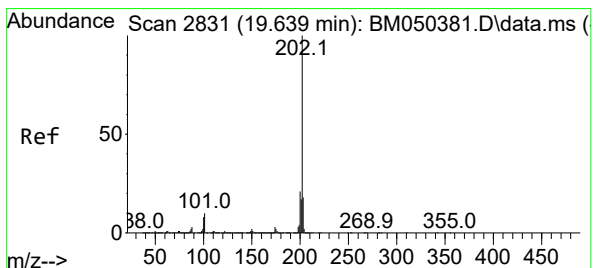
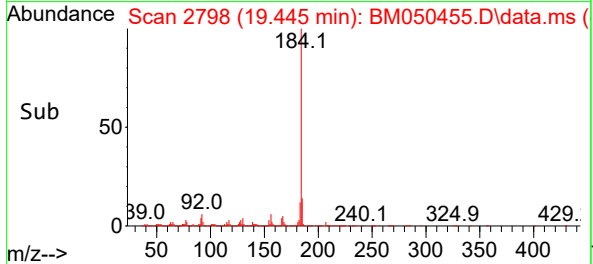
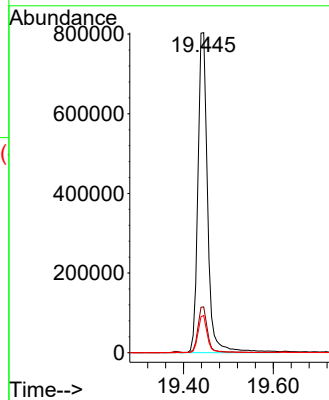
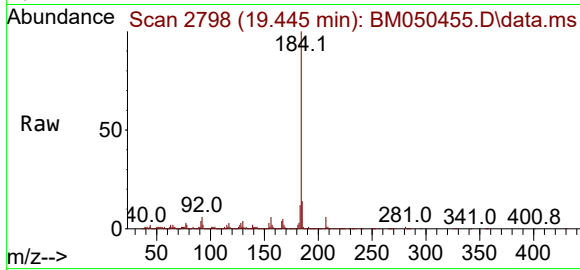




#77
Benzidine
Concen: 16.009 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

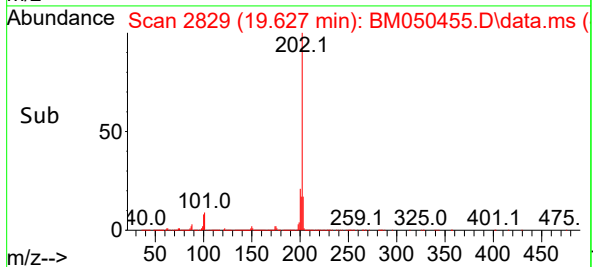
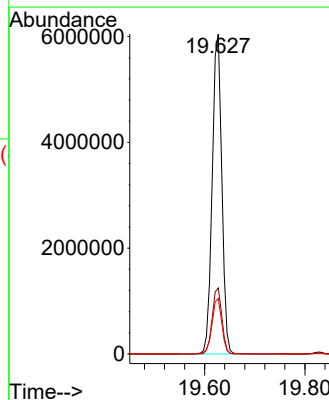
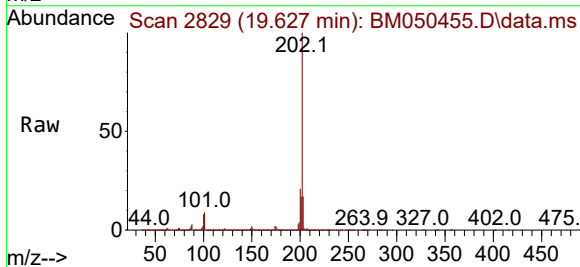
Instrument :
BNA_M
ClientSampleId :
TP-18MS

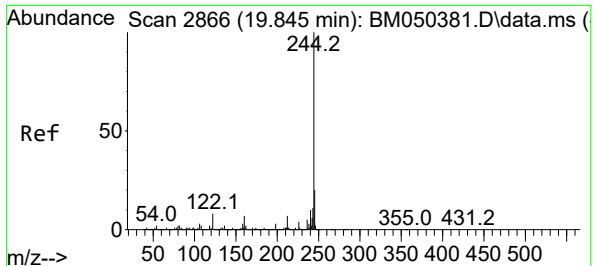
Tgt Ion:184 Resp: 1211247
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.6 9.0 13.6



#78
Pyrene
Concen: 42.346 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:202 Resp: 8044944
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.4 14.1 21.1

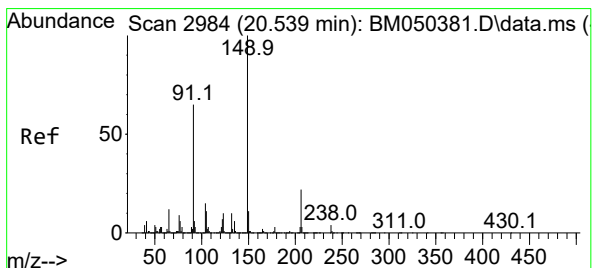
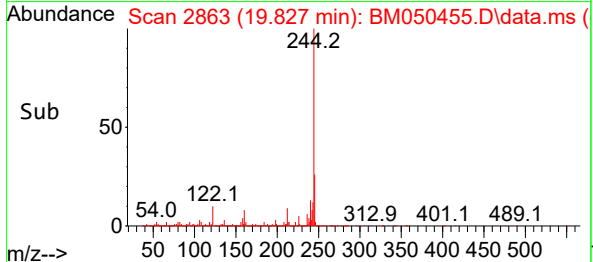
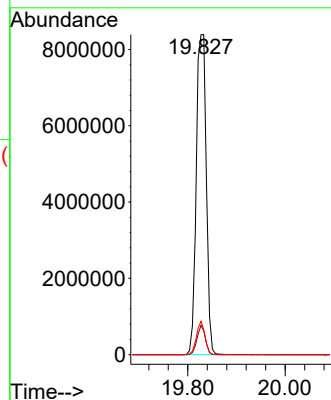
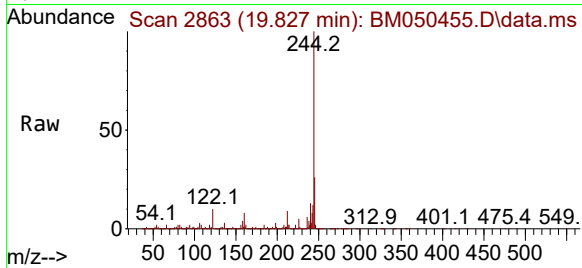




#79
Terphenyl-d14
Concen: 71.549 ng
RT: 19.827 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

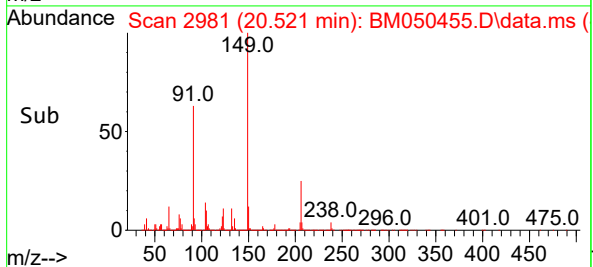
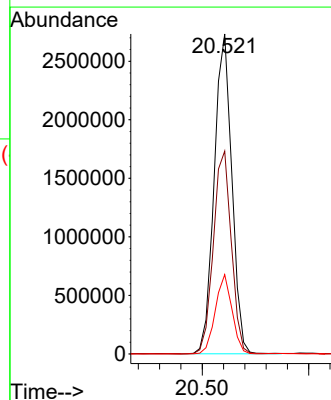
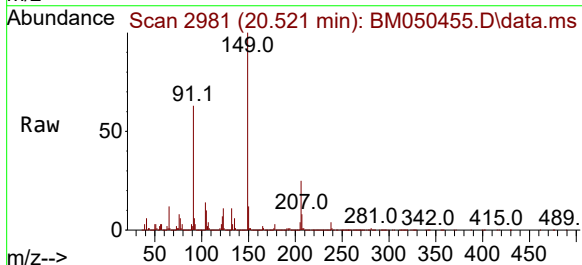
Instrument :
BNA_M
ClientSampleId :
TP-18MS

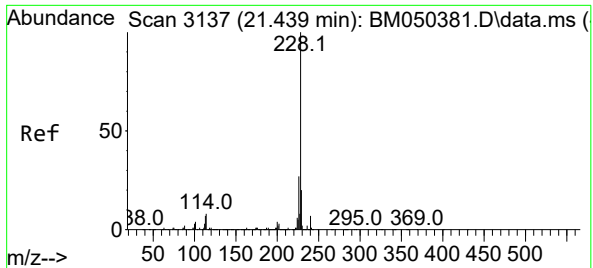
Tgt Ion:244 Resp:12062947
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 10.5 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 50.007 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 3132628
Ion Ratio Lower Upper
149 100
91 63.4 51.6 77.4
206 24.8 17.8 26.8

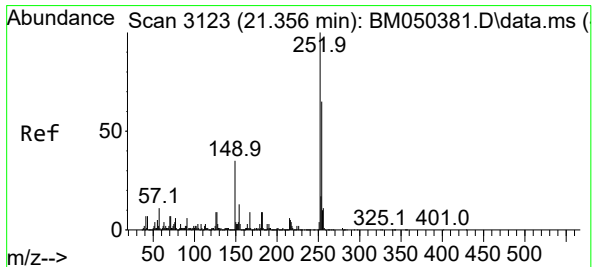
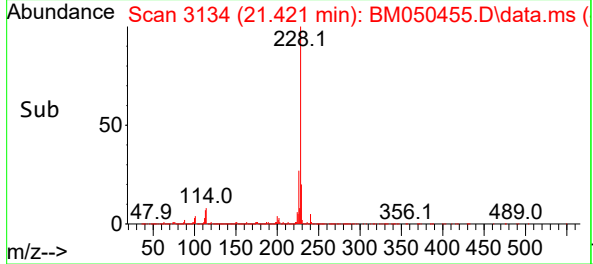
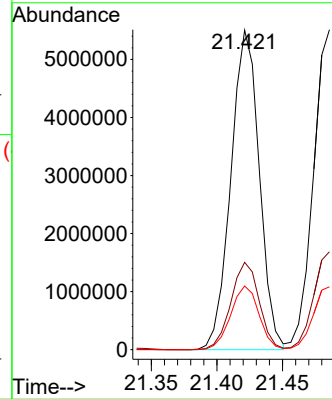
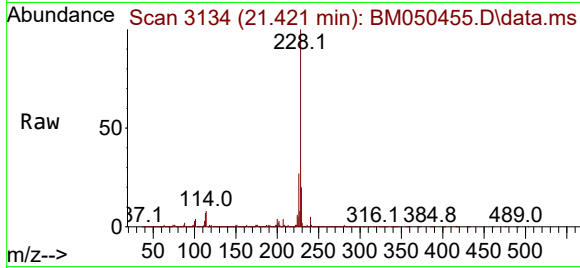




#81
Benzo(a)anthracene
Concen: 42.909 ng
RT: 21.421 min Scan# 3137
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

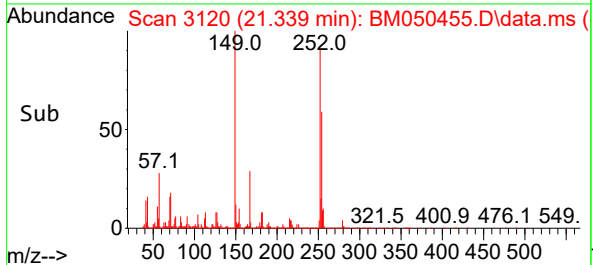
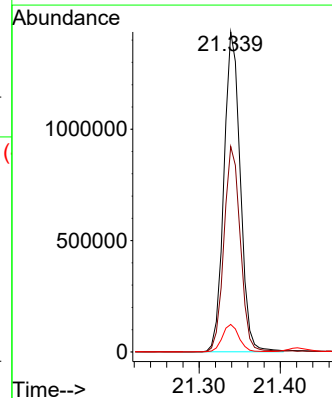
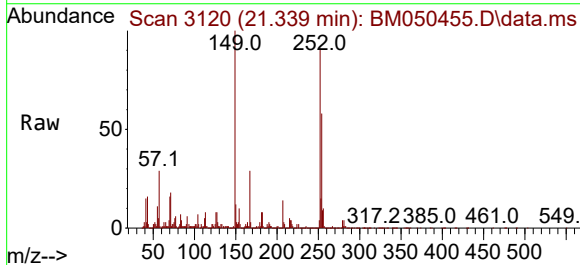
Instrument :
BNA_M
ClientSampleId :
TP-18MS

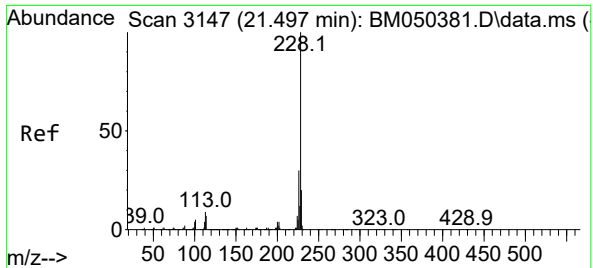
Tgt Ion:228 Resp: 8293520
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 30.939 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:252 Resp: 2016614
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 8.6 7.3 10.9

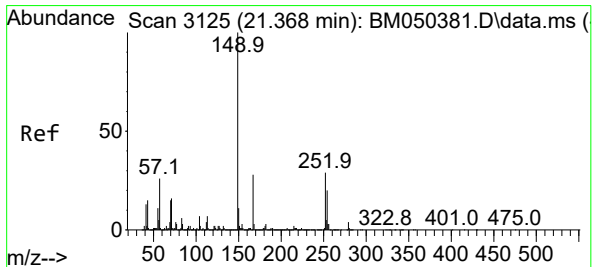
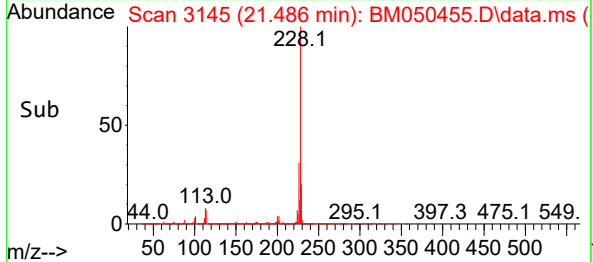
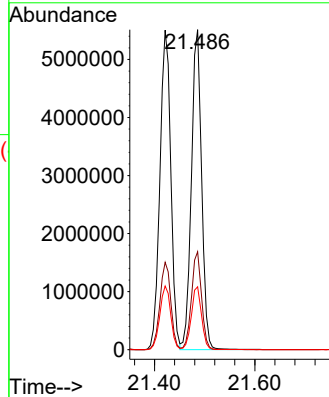
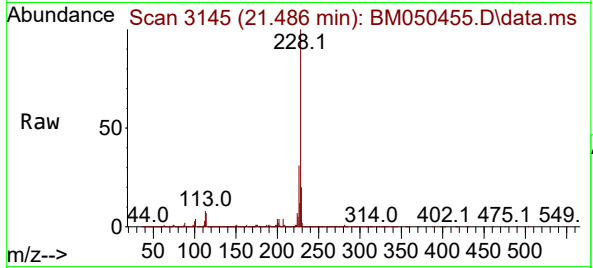




#83
Chrysene
Concen: 42.591 ng
RT: 21.486 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

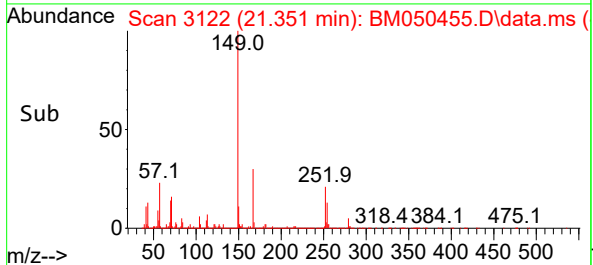
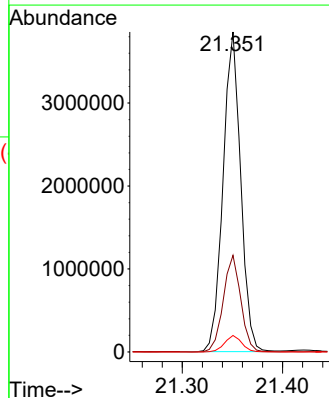
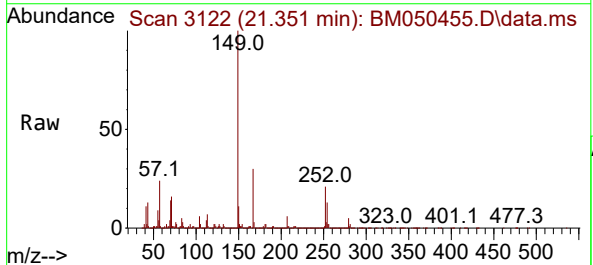
Instrument :
BNA_M
ClientSampleId :
TP-18MS

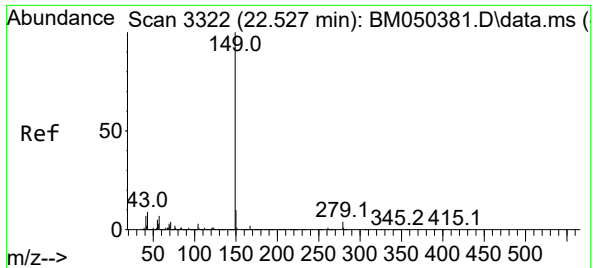
Tgt Ion:228 Resp: 7764524
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.149 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.017 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:149 Resp: 4688722
Ion Ratio Lower Upper
149 100
167 30.2 22.7 34.1
279 5.1 3.5 5.3

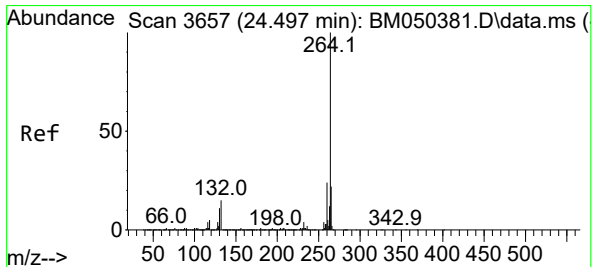
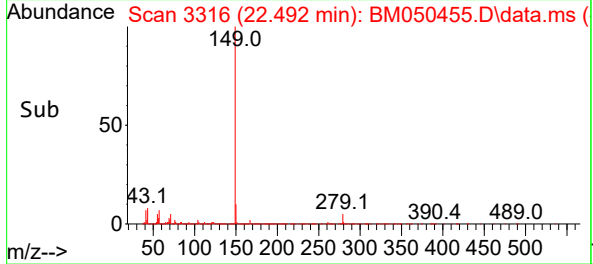
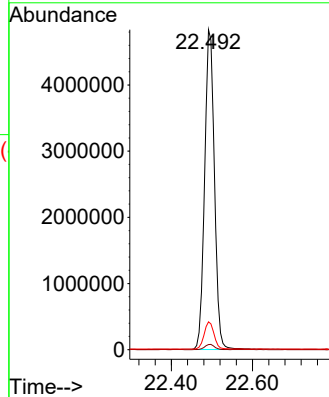
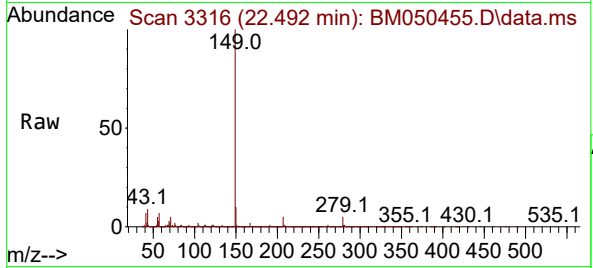




#85
Di-n-octyl phthalate
Concen: 51.872 ng
RT: 22.492 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

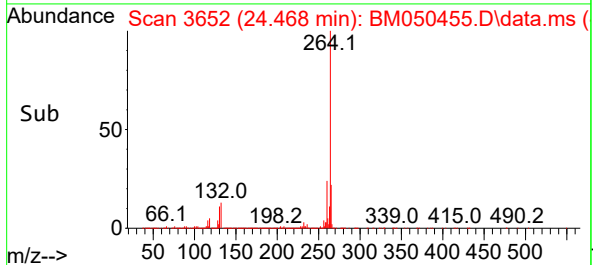
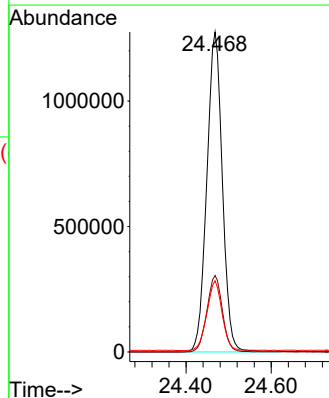
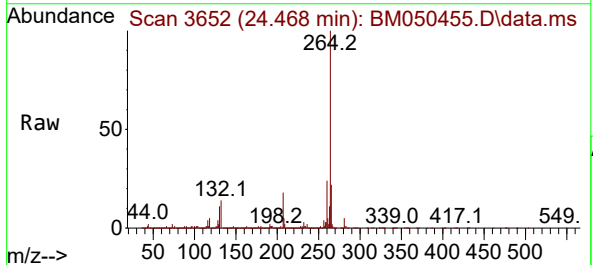
Instrument :
BNA_M
ClientSampleId :
TP-18MS

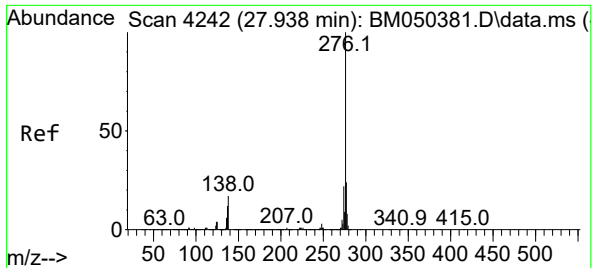
Tgt Ion:149 Resp: 8079125
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:264 Resp: 3224440
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.3 17.8 26.6

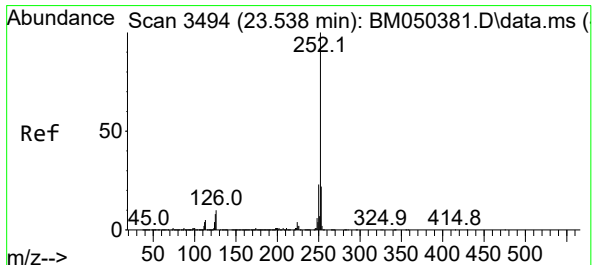
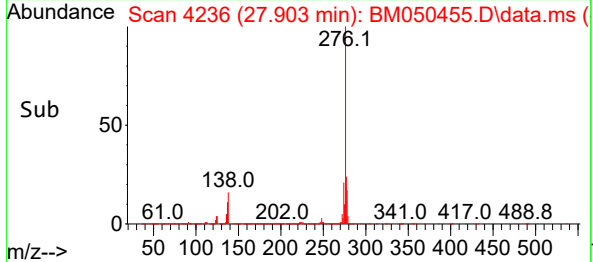
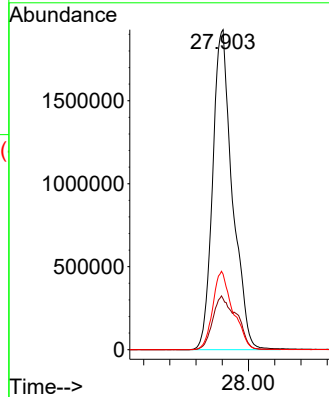
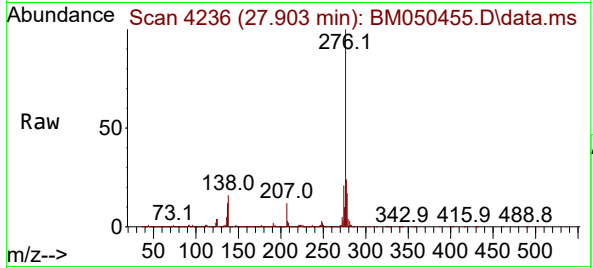




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.957 ng
RT: 27.903 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

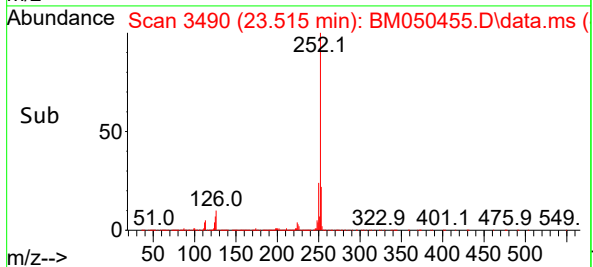
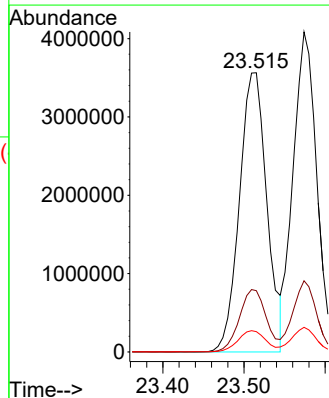
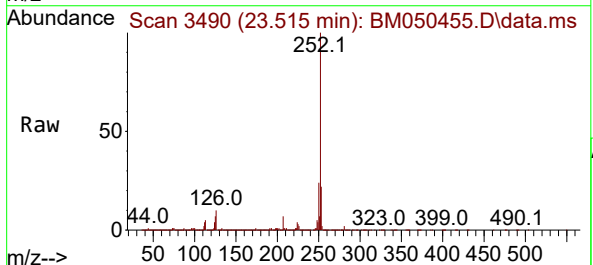
Instrument :
BNA_M
ClientSampleId :
TP-18MS

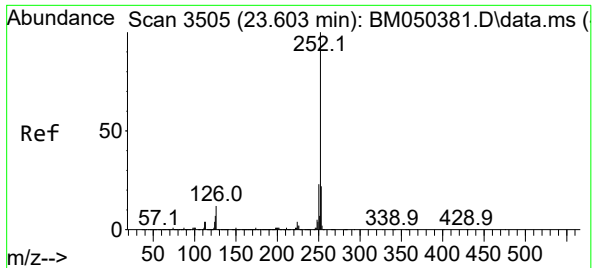
Tgt Ion:276 Resp:10077266
Ion Ratio Lower Upper
276 100
138 20.2 17.0 25.6
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 42.250 ng
RT: 23.515 min Scan# 3490
Delta R.T. -0.023 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:252 Resp: 8379564
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 7.3 6.3 9.5

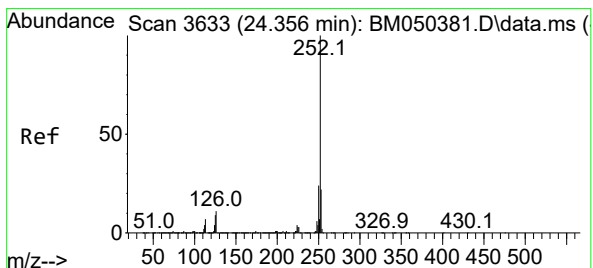
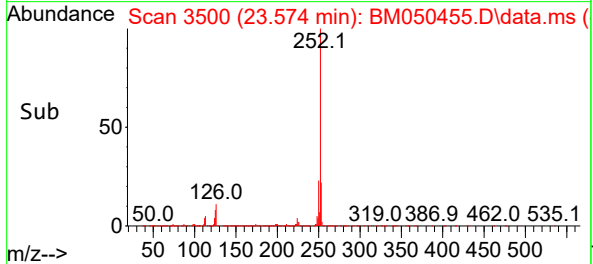
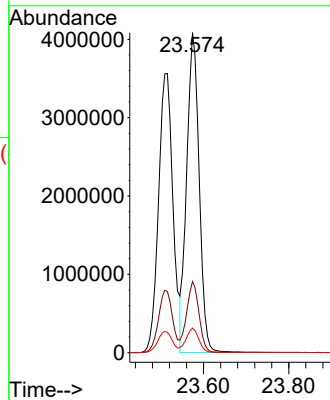
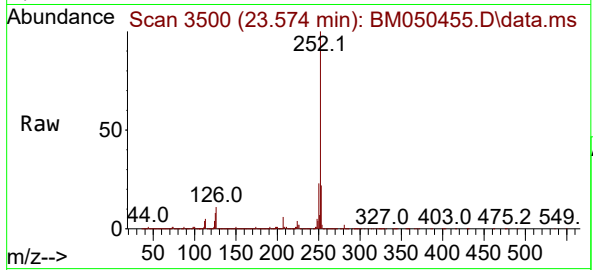




#89
Benzo(k)fluoranthene
Concen: 40.281 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

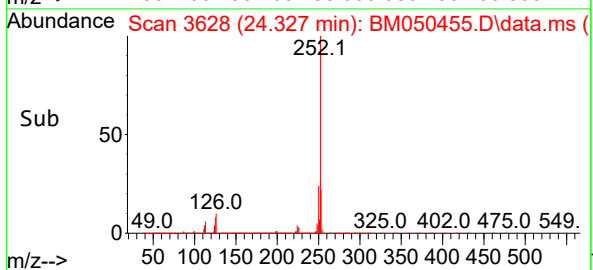
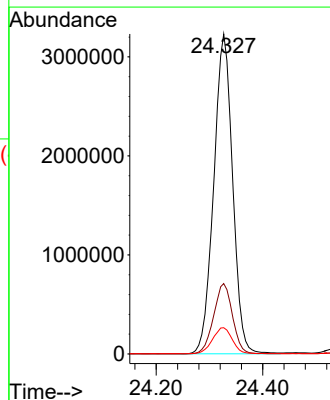
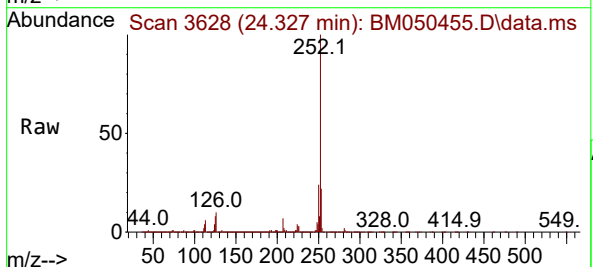
Instrument :
BNA_M
ClientSampleId :
TP-18MS

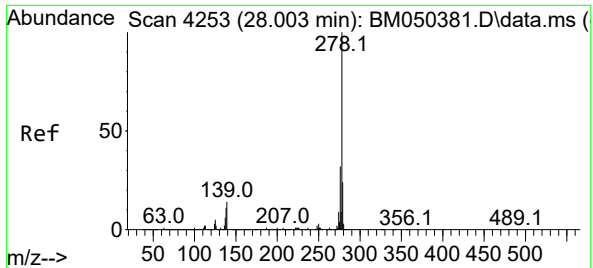
Tgt Ion:252 Resp: 8289661
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.7 6.2 9.2



#90
Benzo(a)pyrene
Concen: 42.775 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:252 Resp: 7941671
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.2 7.0 10.4

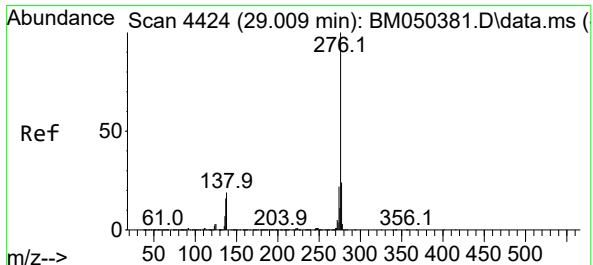
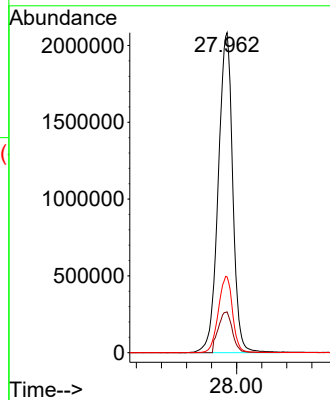
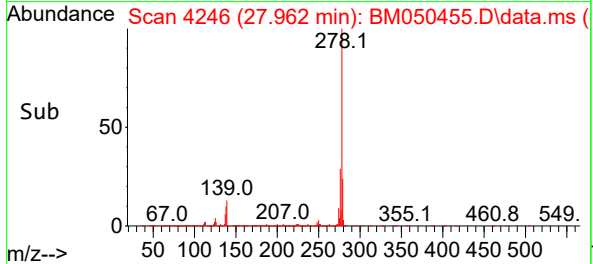
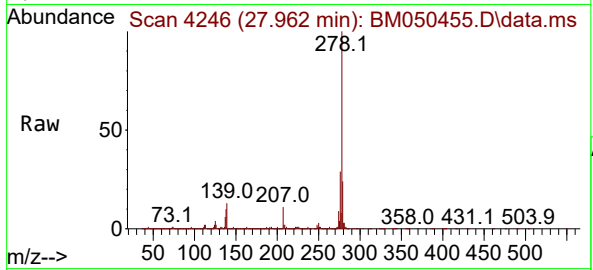




#91
Dibenzo(a,h)anthracene
Concen: 43.218 ng
RT: 27.962 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

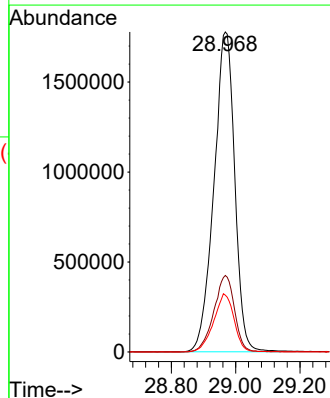
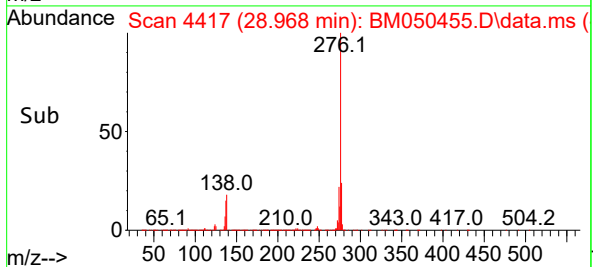
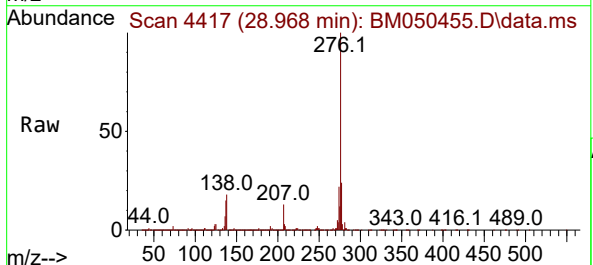
Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion:278 Resp: 8344234
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 43.719 ng
RT: 28.968 min Scan# 4417
Delta R.T. -0.041 min
Lab File: BM050455.D
Acq: 15 Jul 2025 14:51

Tgt Ion:276 Resp: 7977625
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 17.7 14.9 22.3



Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	TP-18MSD	SDG No.:	Q2579
Lab Sample ID:	Q2571-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050456.D	1	07/14/25 10:40	07/15/25 15:31	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.29		0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.34		0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.41		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.42		0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.33		0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.38		0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.37		0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.46		0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.47		0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.45		0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.44		0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	1.00	E	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	110		15 (23) - 110 (138)	73%	SPK: 150
13127-88-3	Phenol-d6	106		15 (10) - 110 (134)	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.1		30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.6		30 (52) - 130 (132)	67%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		15 (44) - 110 (137)	95%	SPK: 150
1718-51-0	Terphenyl-d14	72.9		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	557000	7.857			
1146-65-2	Naphthalene-d8	2110000	10.651			
15067-26-2	Acenaphthene-d10	1420000	14.486			
1517-22-2	Phenanthrene-d10	2810000	17.215			
1719-03-5	Chrysene-d12	3020000	21.439			
1520-96-3	Perylene-d12	3220000	24.468			

Report of Analysis

Client:	ENTACT		Date Collected:	07/10/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	07/10/25	
Client Sample ID:	TP-18MSD		SDG No.:	Q2579	
Lab Sample ID:	Q2571-04MSD		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050456.D	1	07/14/25 10:40	07/15/25 15:31	PB168845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050456.D
 Acq On : 15 Jul 2025 15:31
 Operator : RC/JU
 Sample : Q2571-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD

Quant Time: Jul 15 16:01:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	557347	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2114221	20.000	ng	-0.01
39) Acenaphthene-d10	14.486	164	1418618	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2807645	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	3021882	20.000	ng	-0.02
86) Perylene-d12	24.468	264	3215714	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3559163	109.922	ng	0.00
7) Phenol-d6	7.022	99	4307006	105.519	ng	0.00
23) Nitrobenzene-d5	9.016	82	2906747	70.142	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	2443638	141.772	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	7655220	66.640	ng	-0.01
79) Terphenyl-d14	19.827	244	12523957	72.919	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.346	88	408890	30.710	ng	# 67
3) Pyridine	3.746	79	1023714	29.287	ng	96
4) n-Nitrosodimethylamine	3.646	42	561547	34.460	ng	92
6) Aniline	7.187	93	1308261	24.975	ng	99
8) 2-Chlorophenol	7.428	128	1383385	40.518	ng	97
9) Benzaldehyde	6.998	77	657857	27.094	ng	97
10) Phenol	7.051	94	1592263	37.401	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	1256260	36.847	ng	98
12) 1,3-Dichlorobenzene	7.751	146	1407841	33.911	ng	96
13) 1,4-Dichlorobenzene	7.898	146	1440954	33.992	ng	99
14) 1,2-Dichlorobenzene	8.210	146	1406719	34.662	ng	99
15) Benzyl Alcohol	8.098	79	1213252	42.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1747927	34.805	ng	99
17) 2-Methylphenol	8.298	107	1128963	40.887	ng	99
18) Hexachloroethane	8.945	117	498600	33.444	ng	94
19) n-Nitroso-di-n-propyla...	8.663	70	1007245	40.735	ng	95
20) 3+4-Methylphenols	8.622	107	1548647	41.779	ng	99
22) Acetophenone	8.681	105	2014688	38.113	ng	# 97
24) Nitrobenzene	9.057	77	1403081	37.942	ng	97
25) Isophorone	9.586	82	2784403	41.407	ng	100
26) 2-Nitrophenol	9.763	139	707026	46.912	ng	98
27) 2,4-Dimethylphenol	9.828	122	1343994	41.907	ng	97
28) bis(2-Chloroethoxy)met...	10.063	93	1769875	39.720	ng	98
29) 2,4-Dichlorophenol	10.298	162	1467263	44.533	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	1486053	37.703	ng	99
31) Naphthalene	10.704	128	4031573	37.542	ng	99
32) Benzoic acid	9.951	122	985318	49.798	ng	96
33) 4-Chloroaniline	10.804	127	621015	13.679	ng	99
34) Hexachlorobutadiene	10.998	225	892438	37.098	ng	99
35) Caprolactam	11.586	113	385024	42.807	ng	93
36) 4-Chloro-3-methylphenol	11.927	107	1401712	45.558	ng	98
37) 2-Methylnaphthalene	12.310	142	2773699	40.907	ng	97
38) 1-Methylnaphthalene	12.533	142	2914040	40.609	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	1816052	40.255	ng	99
41) Hexachlorocyclopentadiene	12.669	237	2000208	69.362	ng	99
43) 2,4,6-Trichlorophenol	12.916	196	1275451	45.930	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050456.D
 Acq On : 15 Jul 2025 15:31
 Operator : RC/JU
 Sample : Q2571-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD

Quant Time: Jul 15 16:01:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

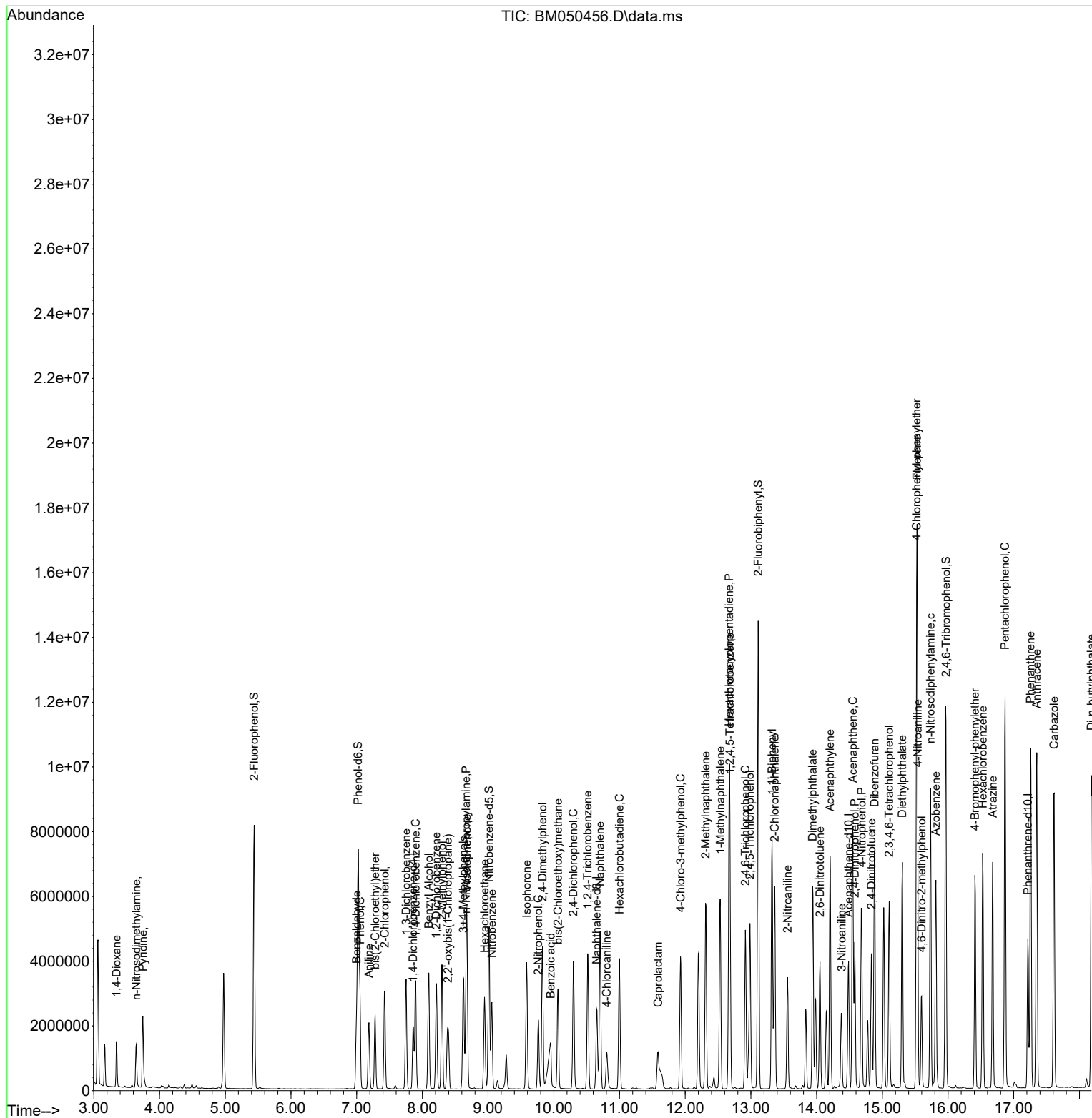
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1417129	46.728	ng	96
46) 1,1'-Biphenyl	13.322	154	4208779	39.988	ng	100
47) 2-Chloronaphthalene	13.363	162	3315084	39.504	ng	98
48) 2-Nitroaniline	13.557	65	881762	47.074	ng	95
49) Acenaphthylene	14.204	152	5226313	41.209	ng	99
50) Dimethylphthalate	13.939	163	4217003	43.177	ng	100
51) 2,6-Dinitrotoluene	14.051	165	882615	47.066	ng	95
52) Acenaphthene	14.551	154	3272271m	40.584	ng	
53) 3-Nitroaniline	14.380	138	609247	30.549	ng	97
54) 2,4-Dinitrophenol	14.580	184	976116	93.183	ng	# 82
55) Dibenzofuran	14.880	168	5065232	40.771	ng	100
56) 4-Nitrophenol	14.686	139	1537363	89.640	ng	89
57) 2,4-Dinitrotoluene	14.833	165	1256724	44.950	ng	96
58) Fluorene	15.527	166	4299538	42.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1212432	47.492	ng	95
60) Diethylphthalate	15.304	149	4020100	43.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	2271348	42.449	ng	98
62) 4-Nitroaniline	15.539	138	923554	40.697	ng	99
63) Azobenzene	15.815	77	3552158	41.464	ng	96
65) 4,6-Dinitro-2-methylph...	15.598	198	679673	45.411	ng	87
66) n-Nitrosodiphenylamine	15.733	169	3676660	41.849	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	1373284	44.394	ng	99
68) Hexachlorobenzene	16.527	284	1604008	43.903	ng	96
69) Atrazine	16.680	200	1310346	45.421	ng	100
70) Pentachlorophenol	16.868	266	2276407	100.090	ng	99
71) Phenanthrene	17.257	178	6619627	41.666	ng	100
72) Anthracene	17.351	178	6692575	42.320	ng	100
73) Carbazole	17.615	167	6197472	43.312	ng	99
74) Di-n-butylphthalate	18.180	149	6994092	44.657	ng	100
75) Fluoranthene	19.262	202	7801051	45.168	ng	99
77) Benzidine	19.439	184	1171840	15.203	ng	99
78) Pyrene	19.627	202	8165660	42.192	ng	100
80) Butylbenzylphthalate	20.521	149	3193473	50.043	ng	97
81) Benzo(a)anthracene	21.421	228	8507761	43.209	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	2069707	31.170	ng	100
83) Chrysene	21.486	228	7958393	42.852	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4751750	46.905	ng	97
85) Di-n-octyl phthalate	22.491	149	8175865	51.529	ng	98
87) Indeno(1,2,3-cd)pyrene	27.897	276	10228808	44.739	ng	99
88) Benzo(b)fluoranthene	23.509	252	8609026	43.524	ng	100
89) Benzo(k)fluoranthene	23.574	252	8467463	41.256	ng	100
90) Benzo(a)pyrene	24.327	252	8088464	43.684	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	8517741	44.237	ng	99
92) Benzo(g,h,i)perylene	28.968	276	8107902	44.553	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050456.D
Acq On : 15 Jul 2025 15:31
Operator : RC/JU
Sample : Q2571-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

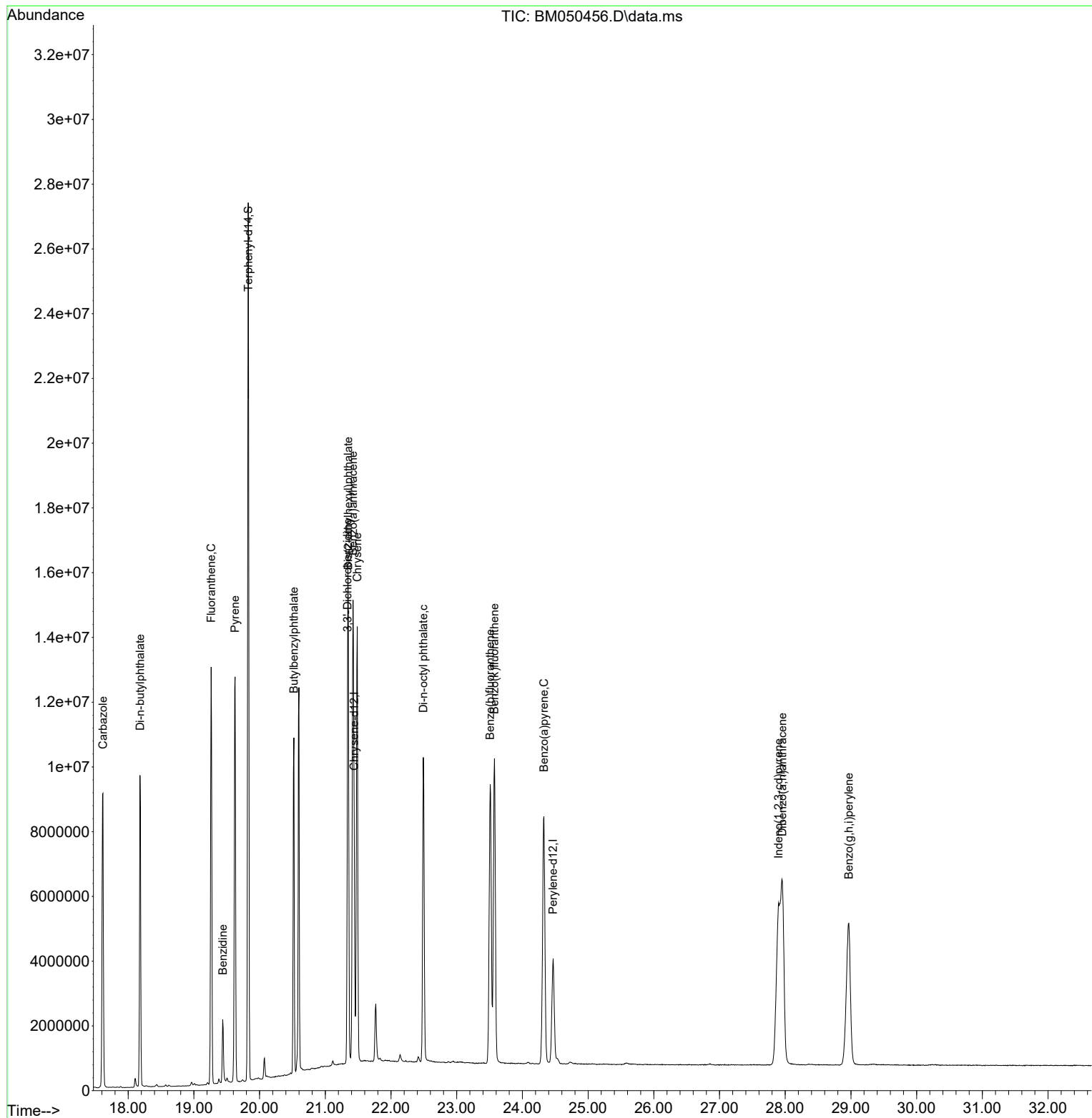
Quant Time: Jul 15 16:01:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

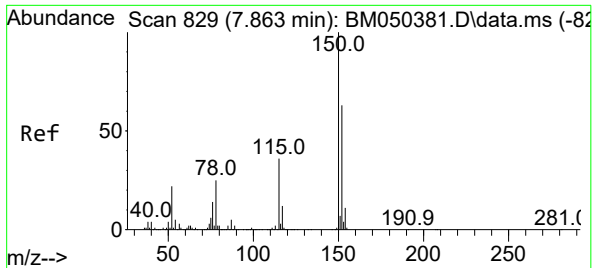


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
Data File : BM050456.D
Acq On : 15 Jul 2025 15:31
Operator : RC/JU
Sample : Q2571-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Quant Time: Jul 15 16:01:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

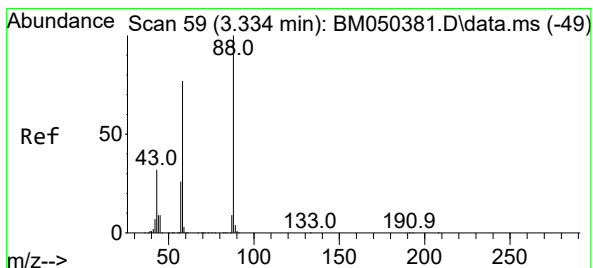
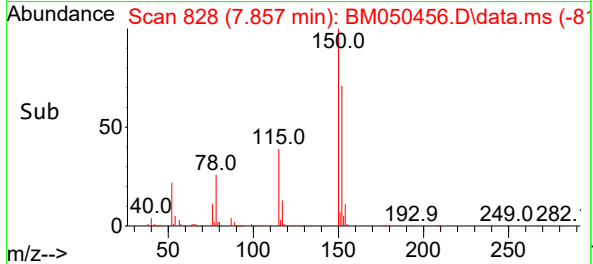
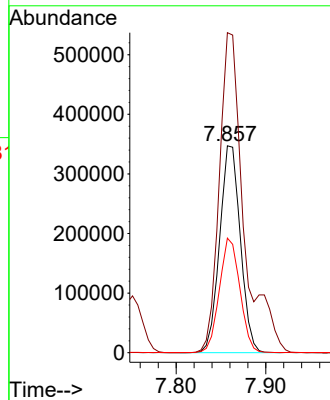
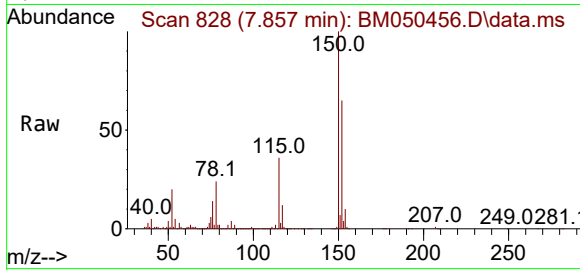




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

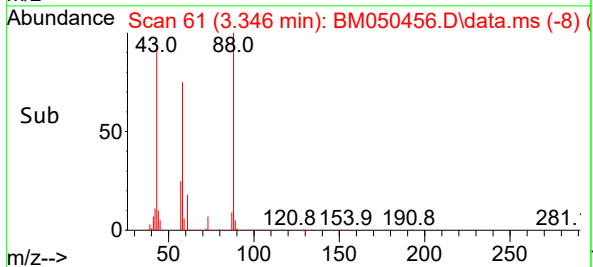
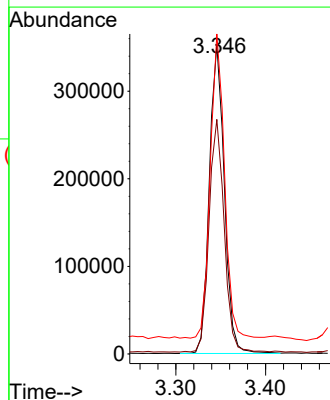
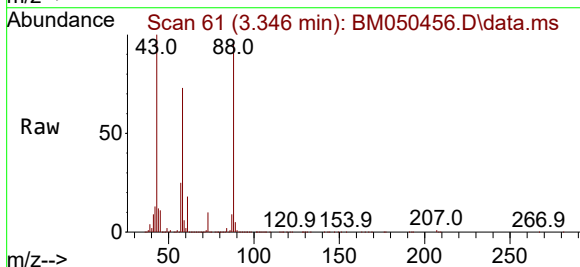
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

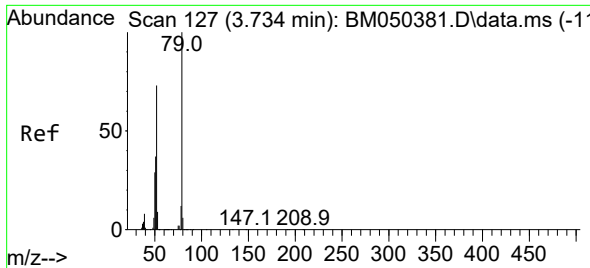
Tgt Ion:152 Resp: 557347
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 55.3 45.8 68.8



#2
1,4-Dioxane
Concen: 30.710 ng
RT: 3.346 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 88 Resp: 408890
Ion Ratio Lower Upper
88 100
58 75.8 61.0 91.6
43 93.5 24.6 37.0#

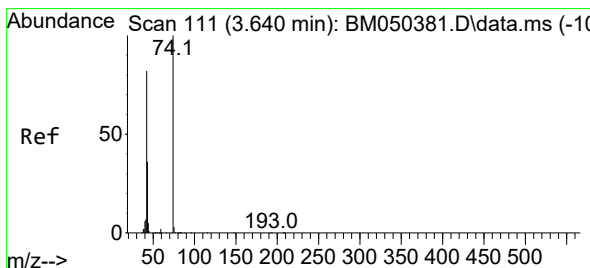
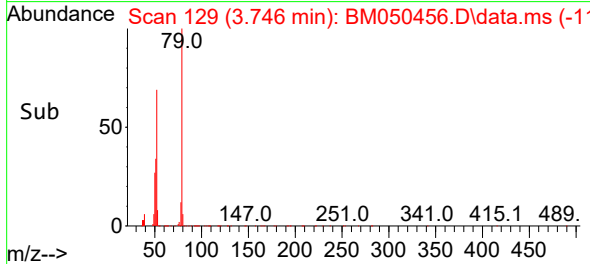
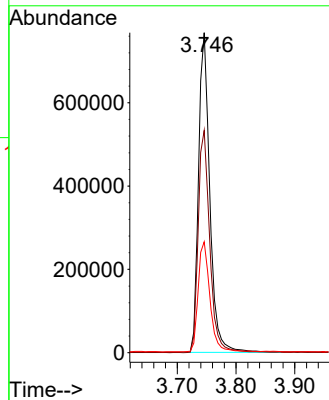
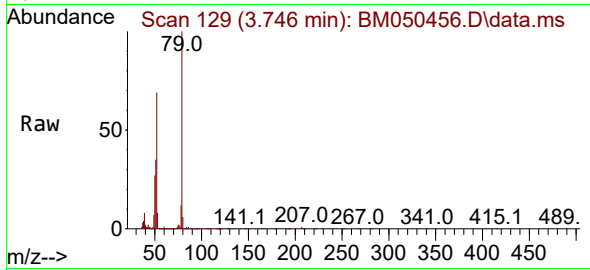




#3
Pyridine
Concen: 29.287 ng
RT: 3.746 min Scan# 110
Delta R.T. 0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

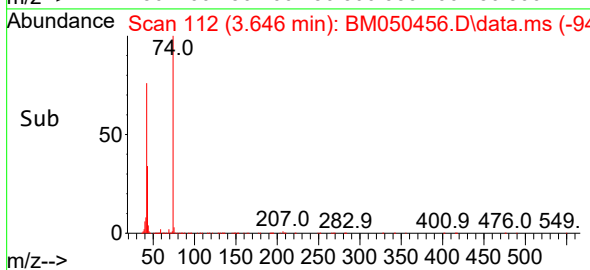
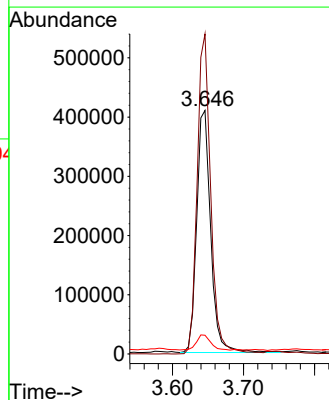
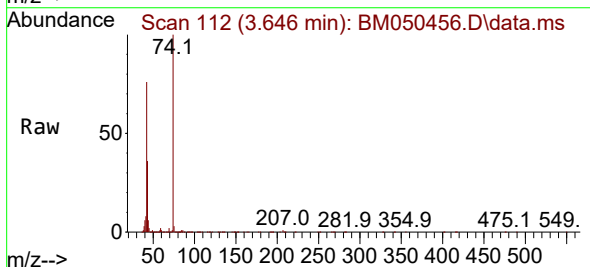
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ClientSampleId :
TP-18MSD

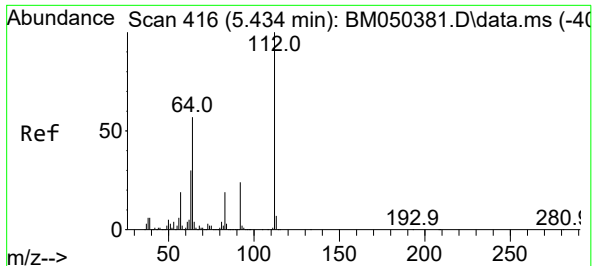
Tgt Ion: 79 Resp: 1023714
Ion Ratio Lower Upper
79 100
52 69.4 58.3 87.5
51 34.6 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 34.460 ng
RT: 3.646 min Scan# 112
Delta R.T. 0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 42 Resp: 561547
Ion Ratio Lower Upper
42 100
74 131.4 97.5 146.3
44 7.7 5.7 8.5

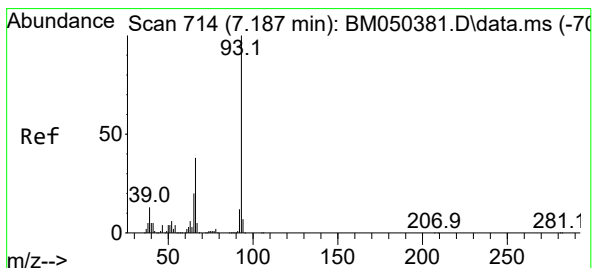
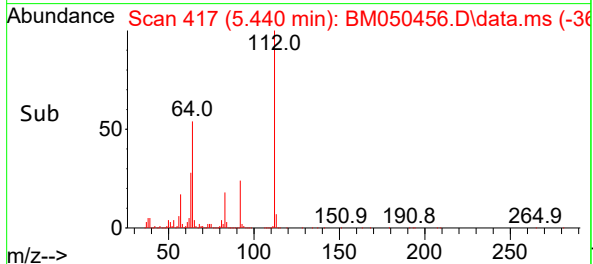
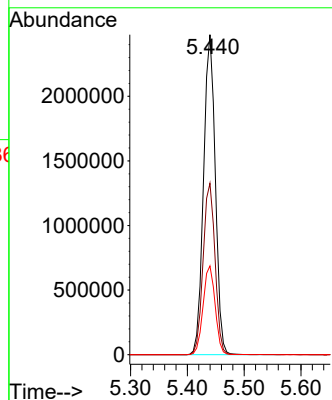
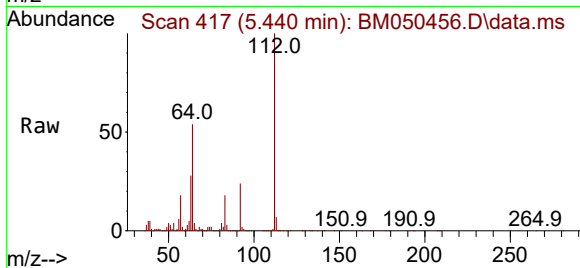




#5
2-Fluorophenol
Concen: 109.922 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

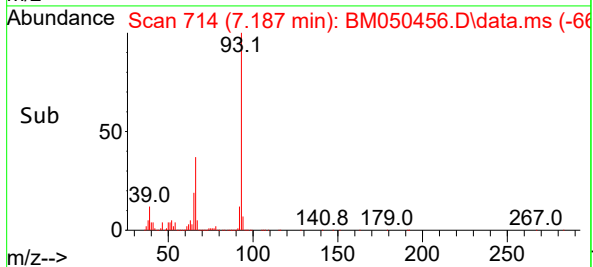
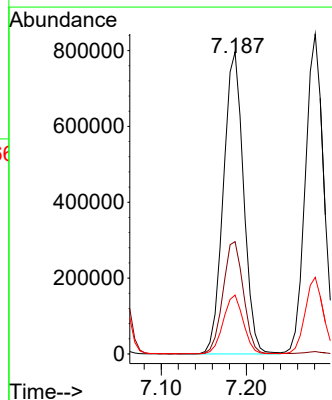
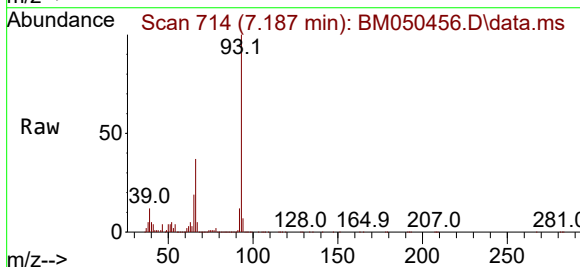
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

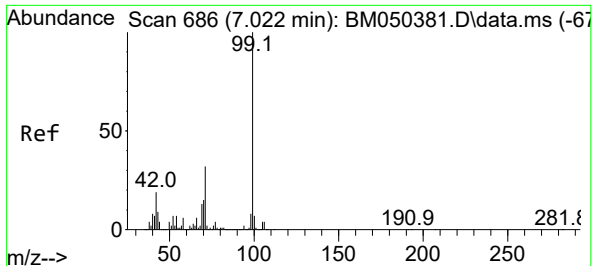
Tgt Ion:112 Resp: 3559163
Ion Ratio Lower Upper
112 100
64 53.6 45.5 68.3
63 27.7 24.2 36.4



#6
Aniline
Concen: 24.975 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 93 Resp: 1308261
Ion Ratio Lower Upper
93 100
66 37.2 30.5 45.7
65 19.5 15.9 23.9

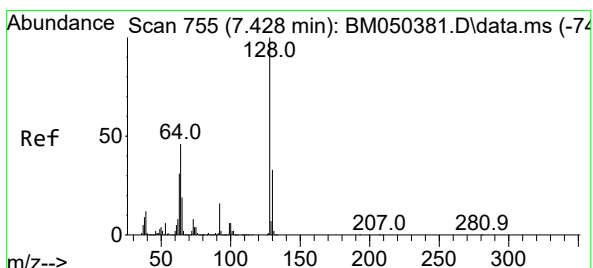
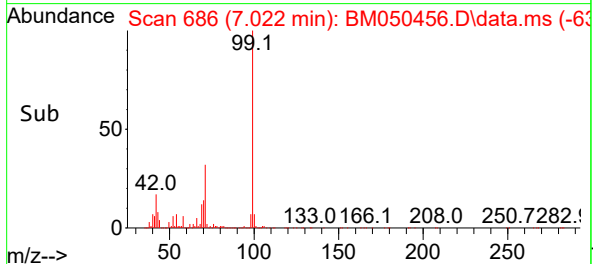
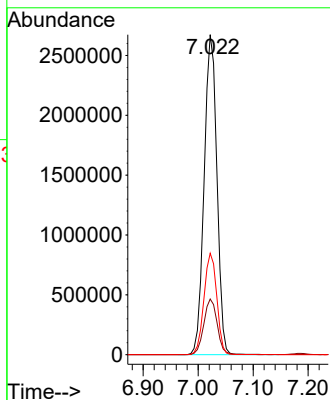
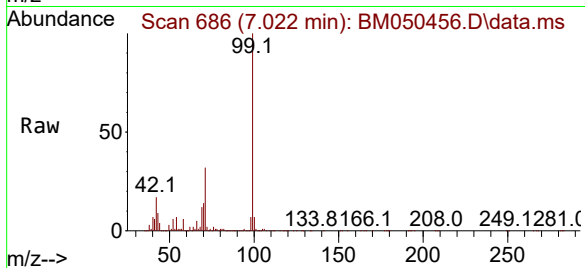




#7
Phenol-d6
Concen: 105.519 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

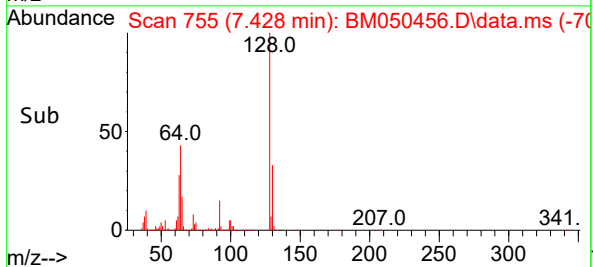
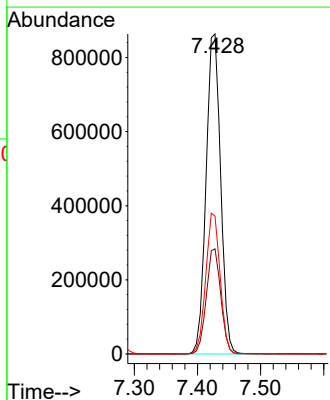
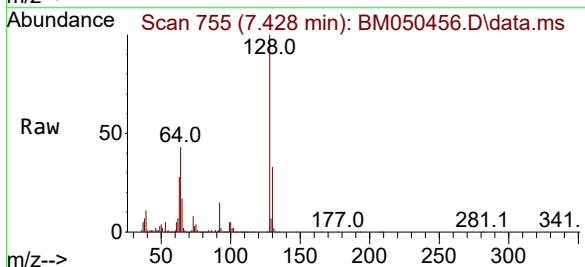
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

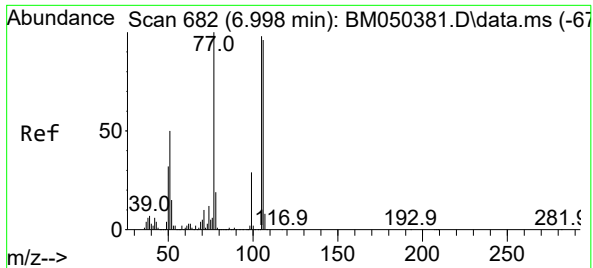
Tgt Ion: 99 Resp: 4307006
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 31.7 25.9 38.9



#8
2-Chlorophenol
Concen: 40.518 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 128 Resp: 1383385
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 43.1 25.6 65.6

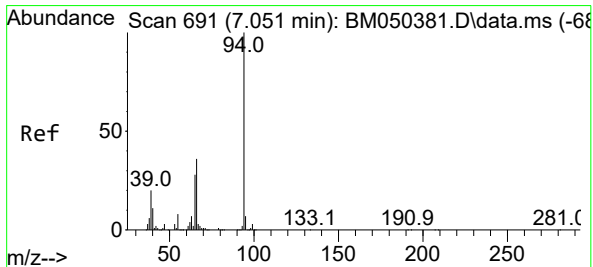
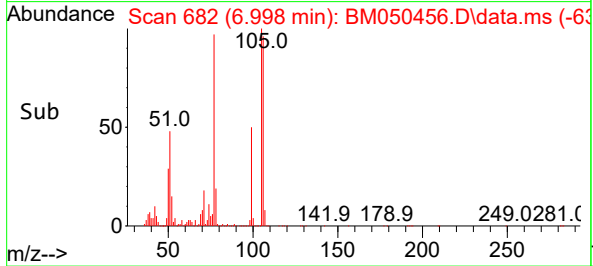
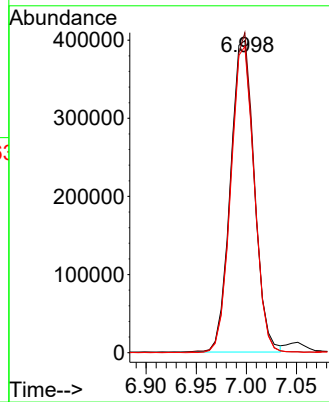
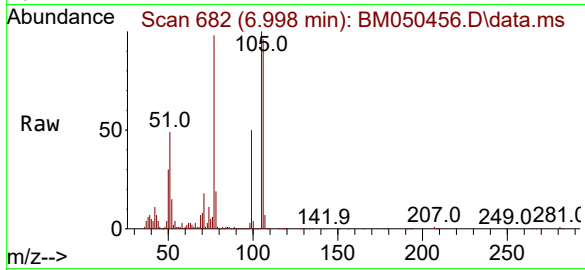




#9
Benzaldehyde
Concen: 27.094 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

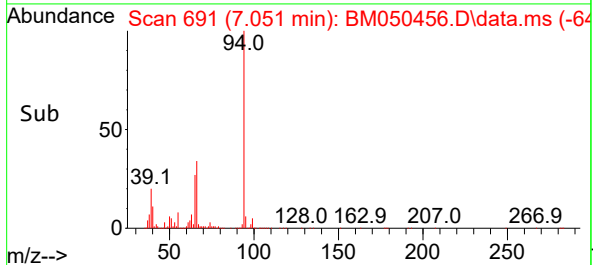
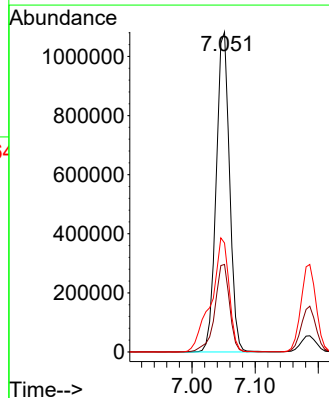
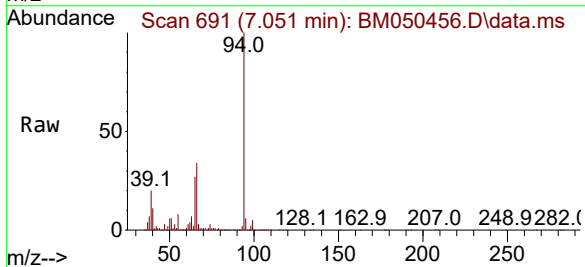
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

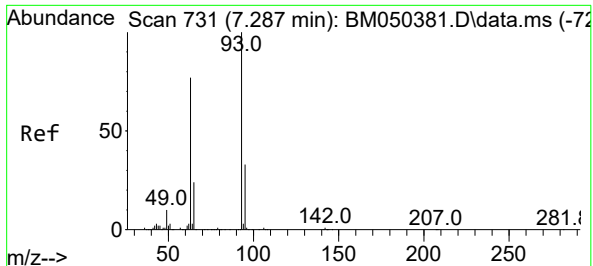
Tgt Ion: 77 Resp: 657857
Ion Ratio Lower Upper
77 100
105 102.6 78.4 118.4
106 98.2 76.3 116.3



#10
Phenol
Concen: 37.401 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 94 Resp: 1592263
Ion Ratio Lower Upper
94 100
65 27.4 8.1 48.1
66 34.1 15.8 55.8

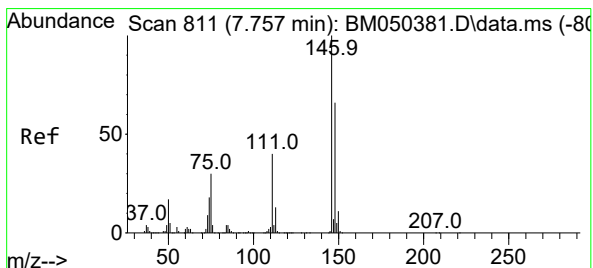
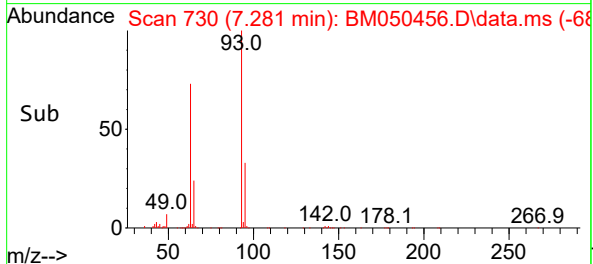
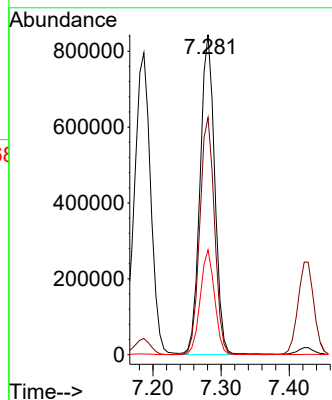
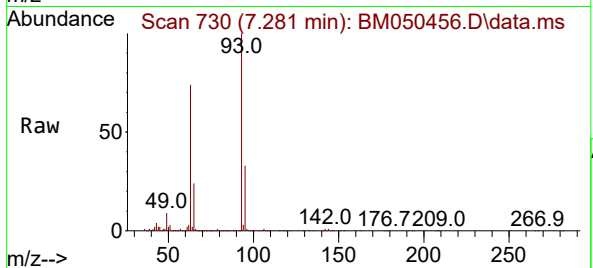




#11
bis(2-Chloroethyl)ether
Concen: 36.847 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

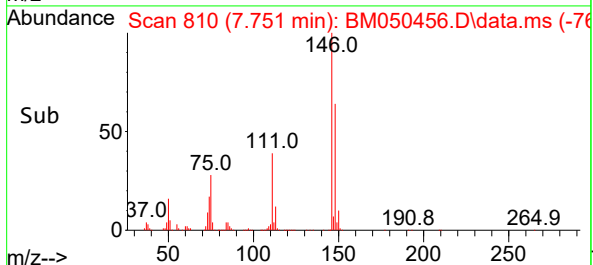
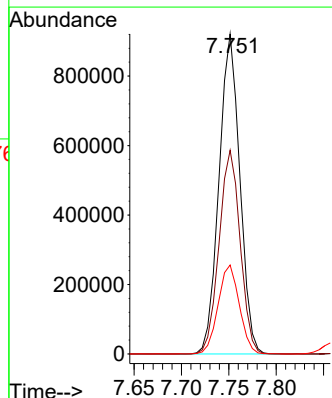
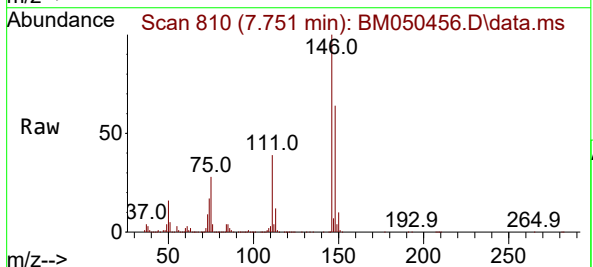
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

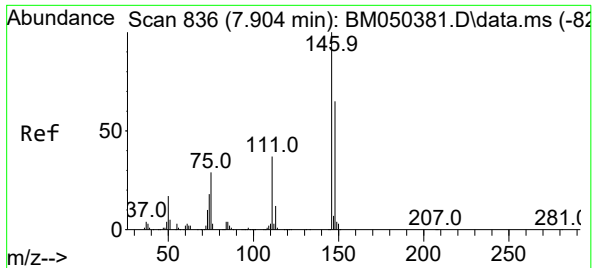
Tgt Ion: 93 Resp: 1256260
Ion Ratio Lower Upper
93 100
63 74.1 56.9 96.9
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 33.911 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:146 Resp: 1407841
Ion Ratio Lower Upper
146 100
148 63.7 53.2 79.8
75 27.8 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 33.992 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

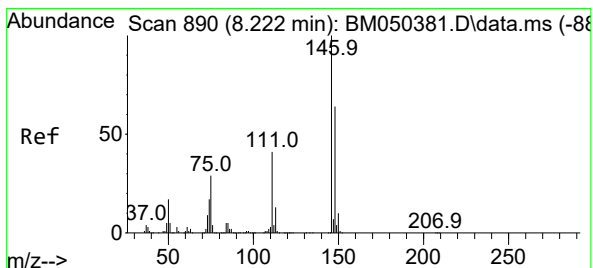
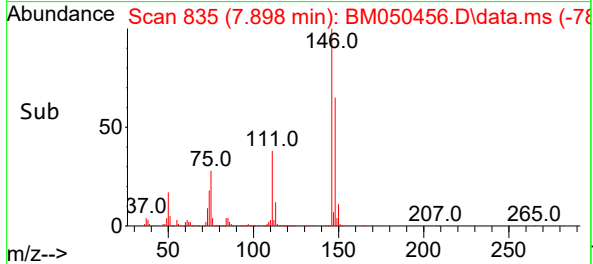
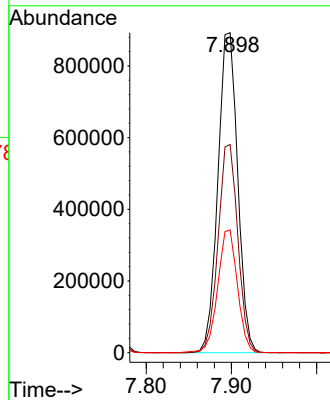
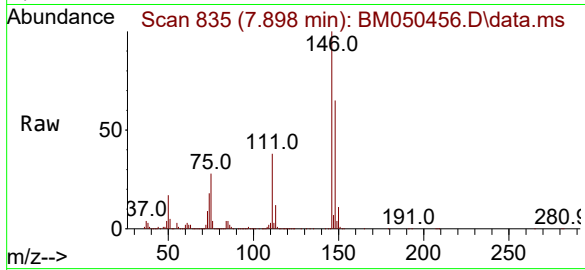
Tgt Ion:146 Resp: 1440954

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

111 38.3 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 34.662 ng

RT: 8.210 min Scan# 888

Delta R.T. -0.012 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

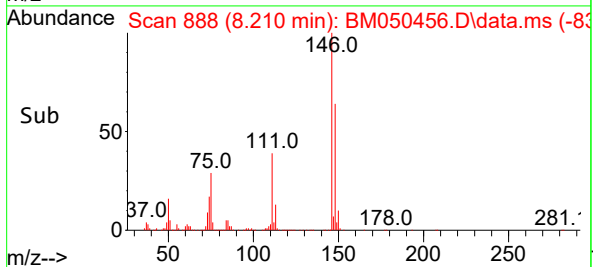
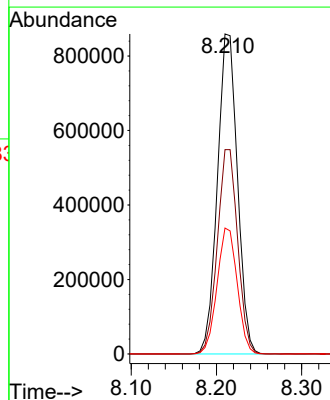
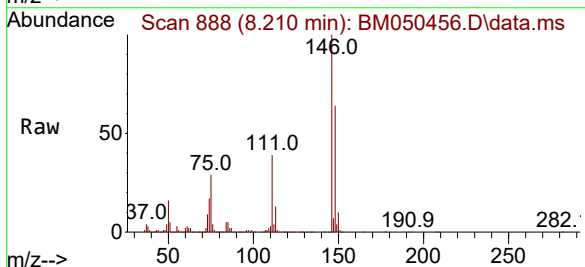
Tgt Ion:146 Resp: 1406719

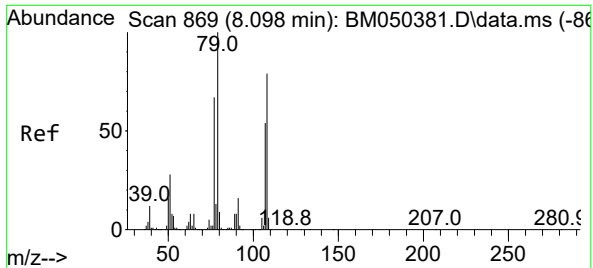
Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 39.3 32.6 49.0

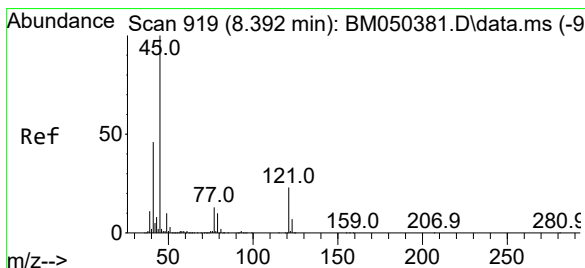
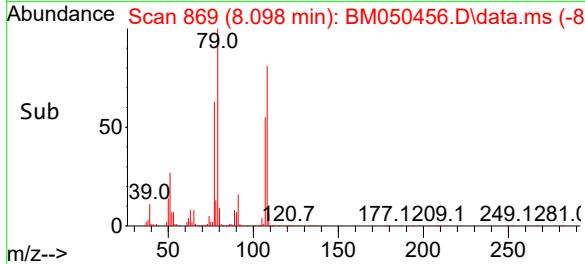
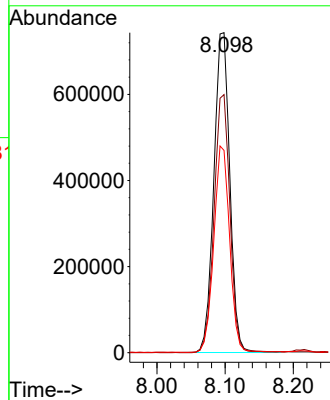
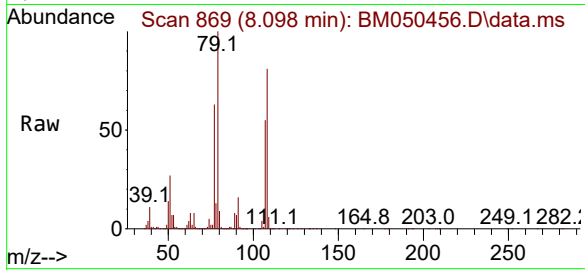




#15
Benzyl Alcohol
Concen: 42.186 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

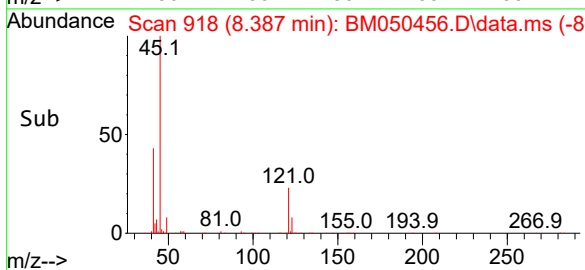
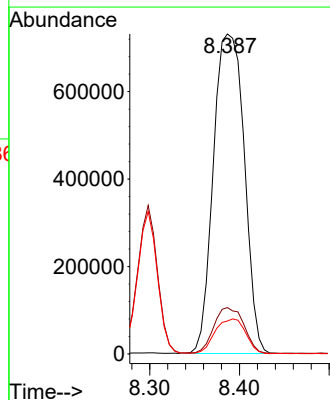
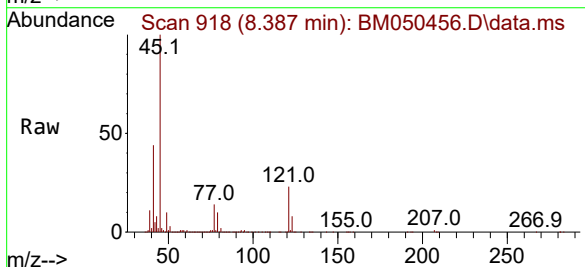
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

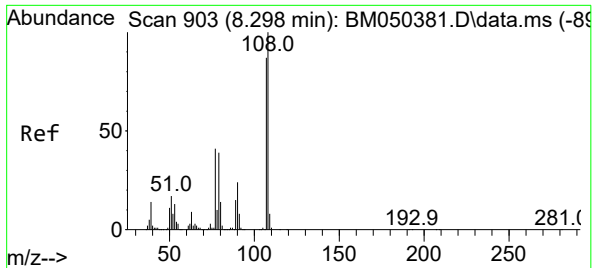
Tgt Ion: 79 Resp: 1213252
Ion Ratio Lower Upper
79 100
108 80.6 63.0 94.4
77 63.2 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.805 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 45 Resp: 1747927
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.5
79 10.3 0.0 30.3

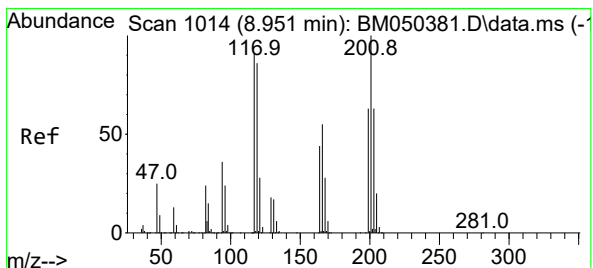
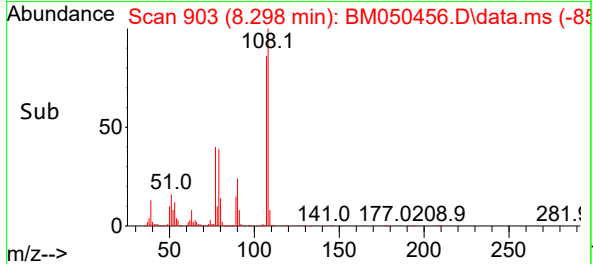
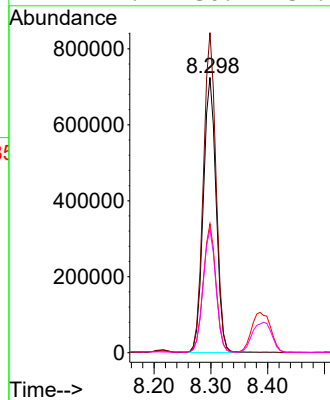
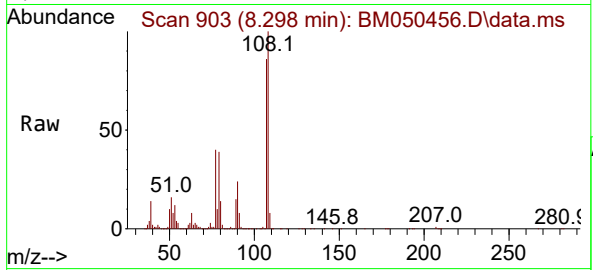




#17
2-Methylphenol
Concen: 40.887 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

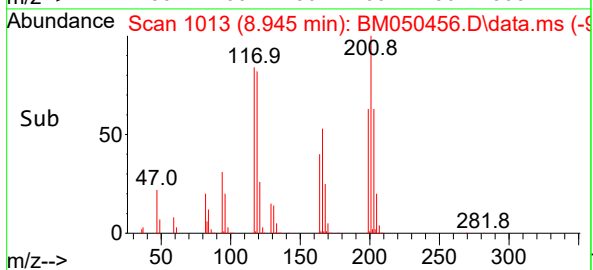
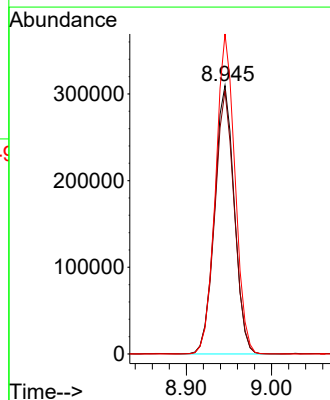
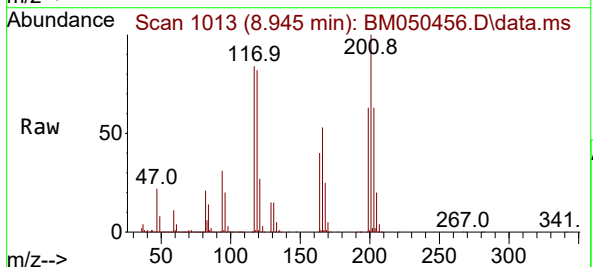
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

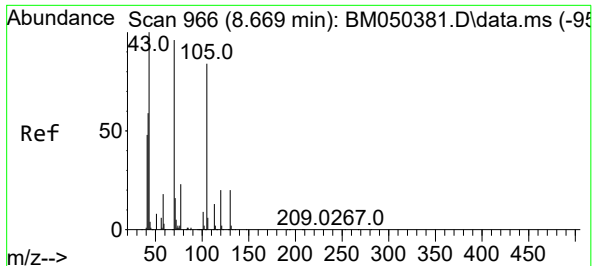
Tgt Ion:107 Resp: 1128963
Ion Ratio Lower Upper
107 100
108 116.2 92.1 138.1
77 46.8 38.2 57.4
79 44.9 36.2 54.4



#18
Hexachloroethane
Concen: 33.444 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:117 Resp: 498600
Ion Ratio Lower Upper
117 100
119 98.0 75.6 113.4
201 119.2 87.9 131.9

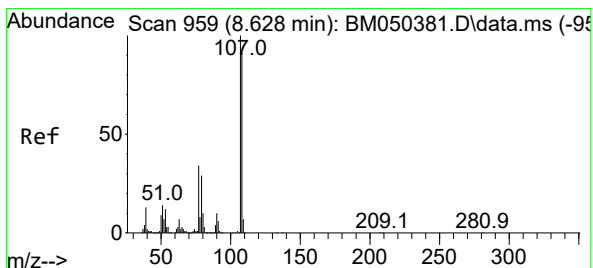
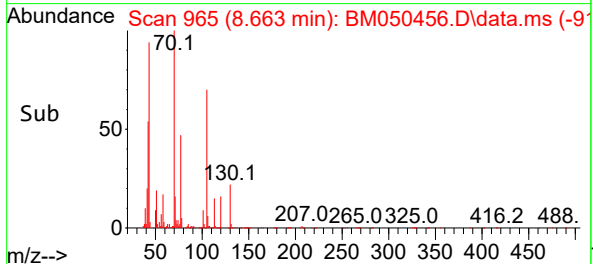
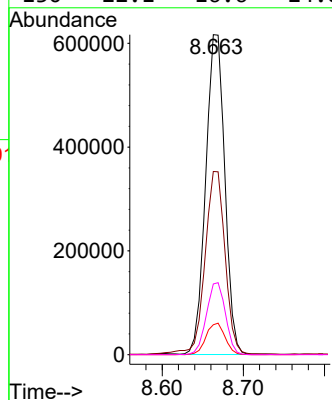
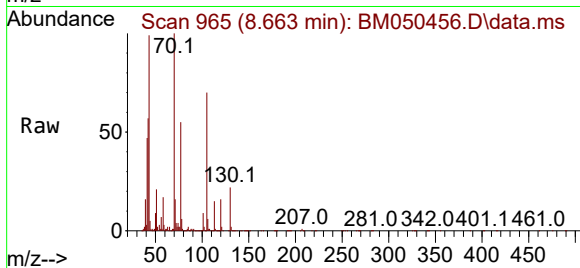




#19
n-Nitroso-di-n-propylamine
Concen: 40.735 ng
RT: 8.663 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

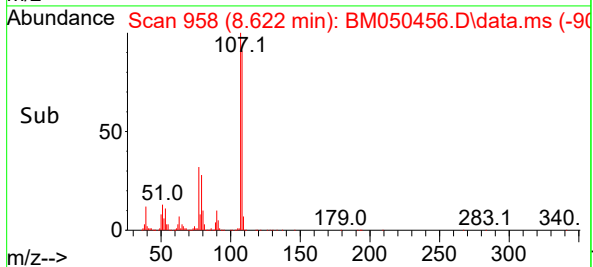
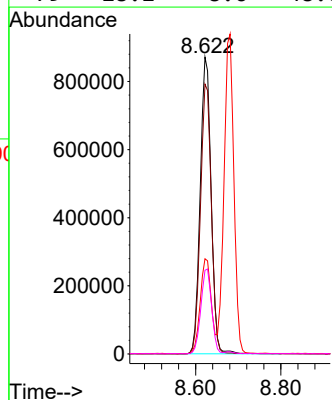
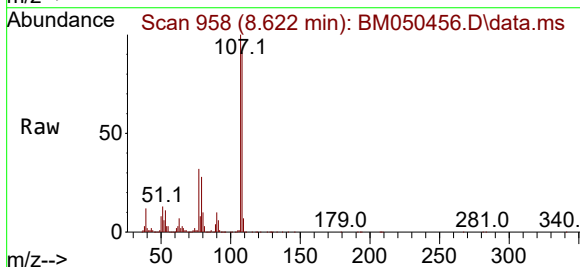
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

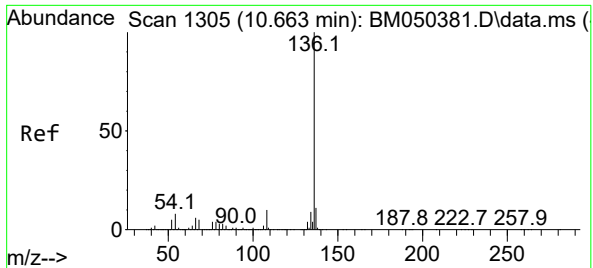
Tgt Ion: 70 Resp: 1007245
Ion Ratio Lower Upper
70 100
42 57.2 49.7 74.5
101 9.4 7.7 11.5
130 22.1 16.6 24.8



#20
3+4-Methylphenols
Concen: 41.779 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 107 Resp: 1548647
Ion Ratio Lower Upper
107 100
108 90.9 71.5 111.5
77 32.1 13.7 53.7
79 28.2 8.6 48.6

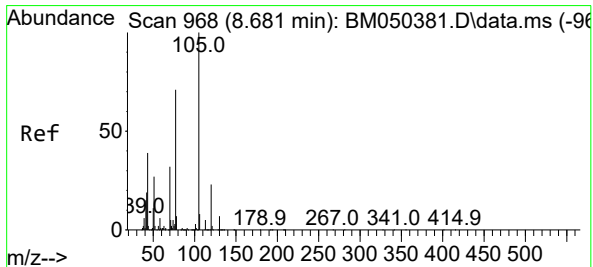
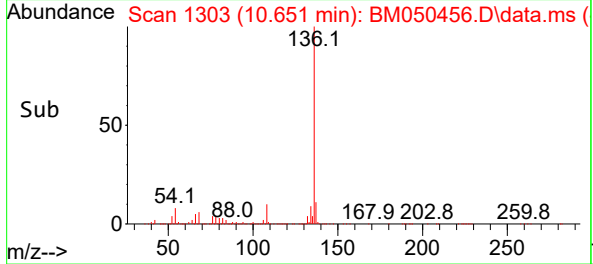
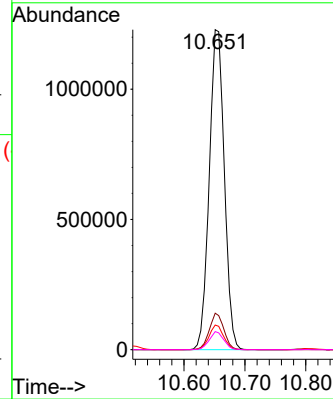
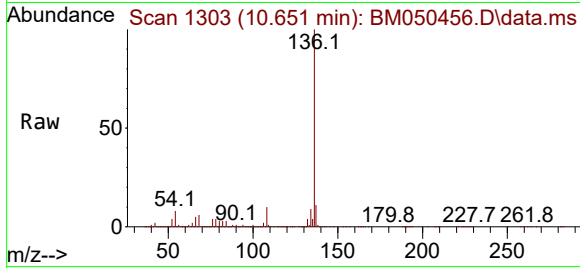




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

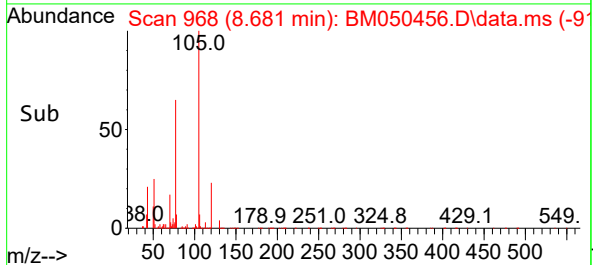
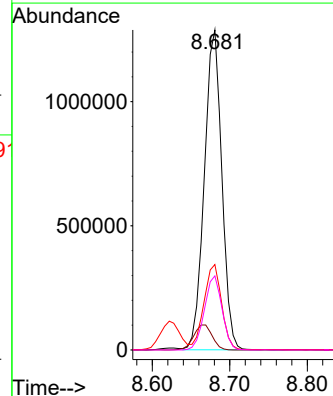
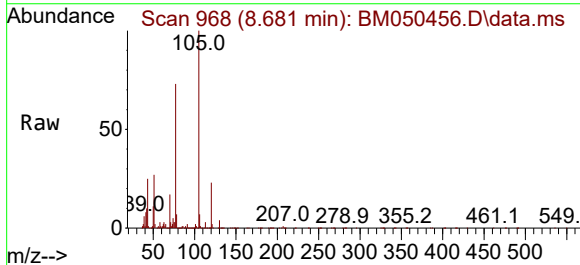
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

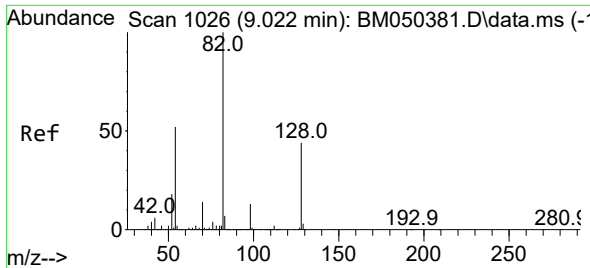
Tgt Ion:136 Resp: 2114221
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.7 6.3 9.5
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 38.113 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:105 Resp: 2014688
Ion Ratio Lower Upper
105 100
71 2.9 4.4 6.6#
51 26.7 23.0 34.6
120 23.2 18.3 27.5

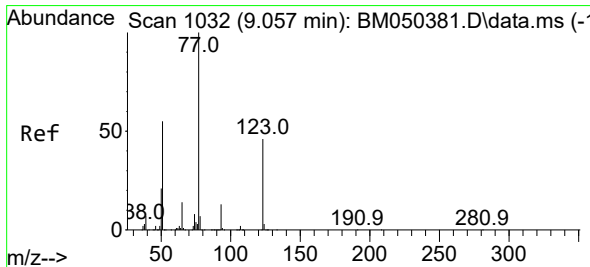
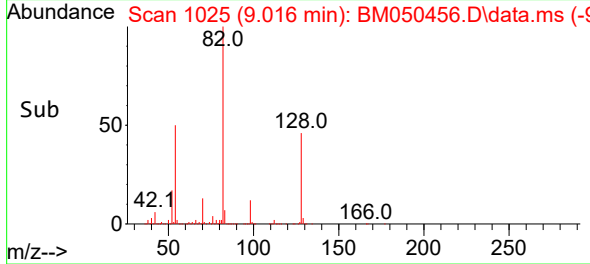
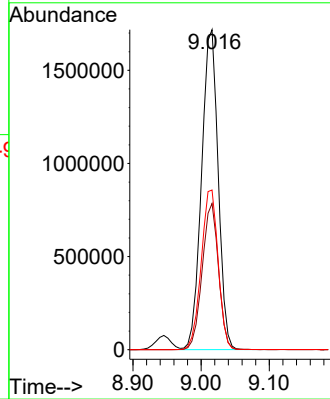
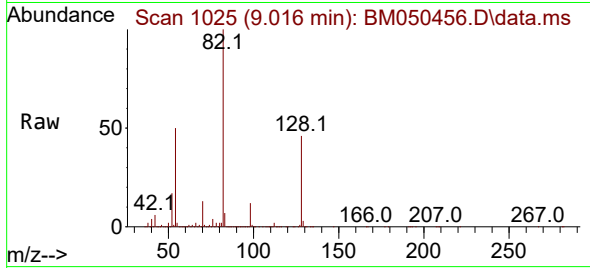




#23
Nitrobenzene-d5
Concen: 70.142 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

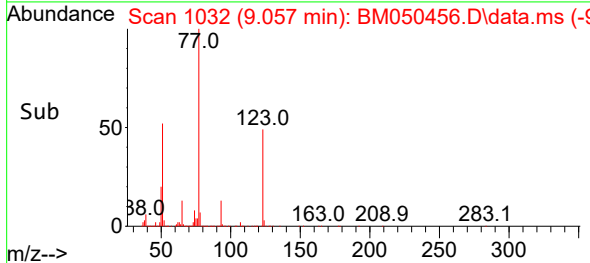
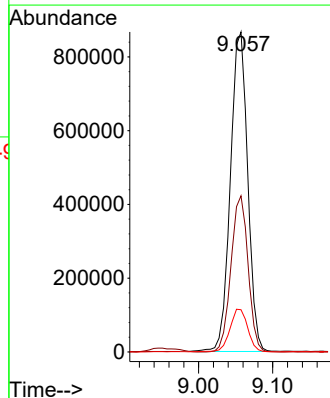
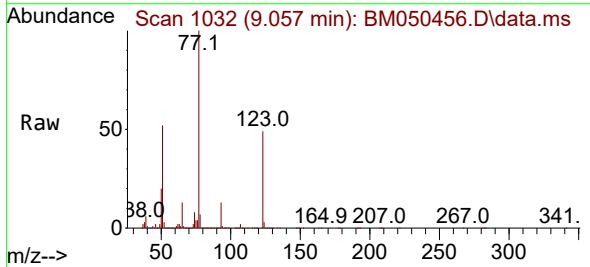
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

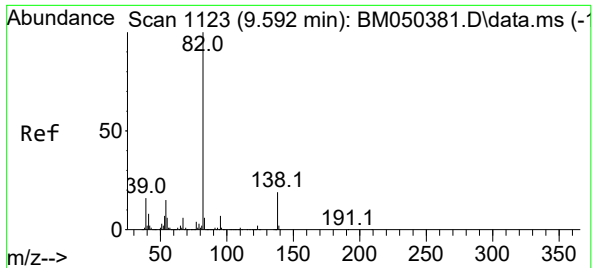
Tgt Ion: 82 Resp: 2906747
Ion Ratio Lower Upper
82 100
128 45.7 35.2 52.8
54 49.9 41.5 62.3



#24
Nitrobenzene
Concen: 37.942 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

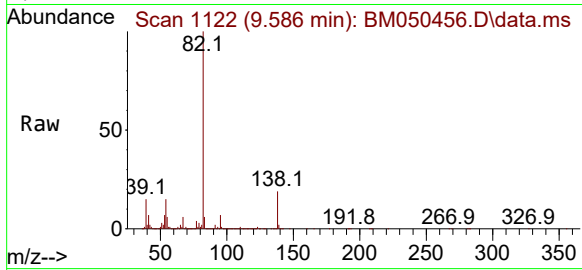
Tgt Ion: 77 Resp: 1403081
Ion Ratio Lower Upper
77 100
123 48.8 37.0 55.6
65 13.2 11.0 16.4



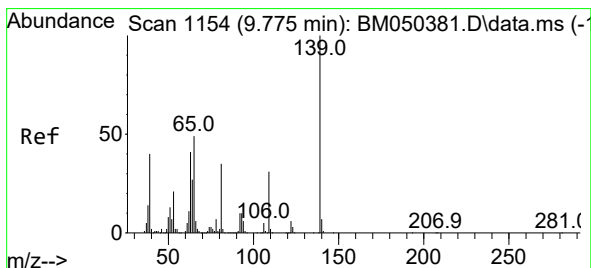
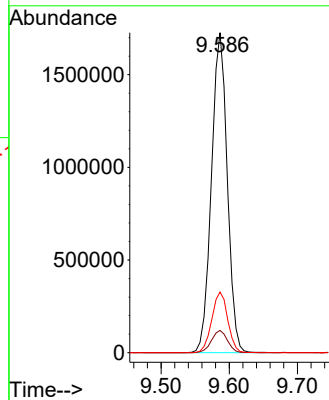
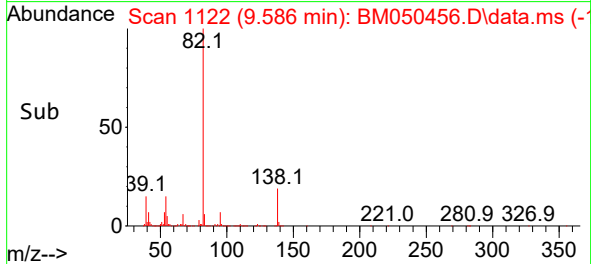


#25
Isophorone
Concen: 41.407 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

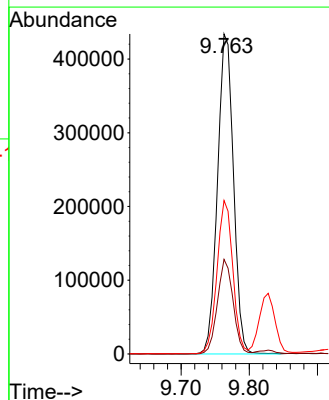
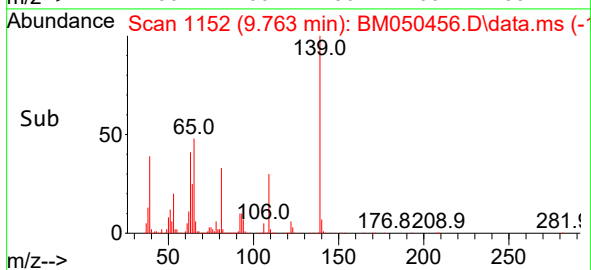
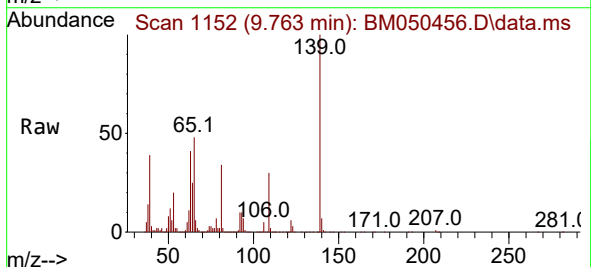


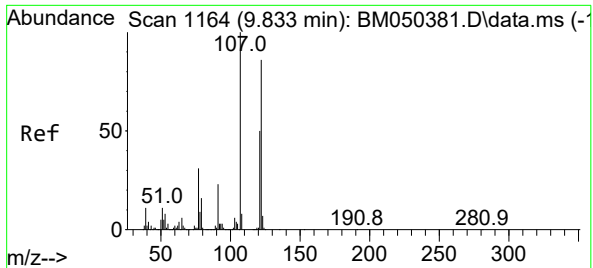
Tgt Ion: 82 Resp: 2784403
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 46.912 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 139 Resp: 707026
Ion Ratio Lower Upper
139 100
109 29.6 24.6 36.8
65 48.0 39.2 58.8

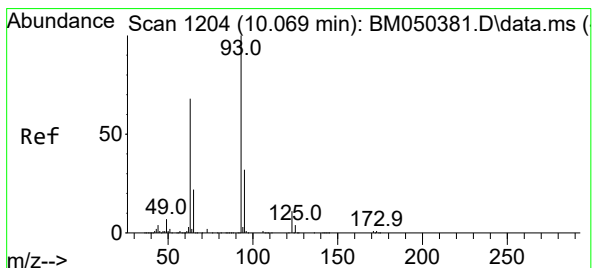
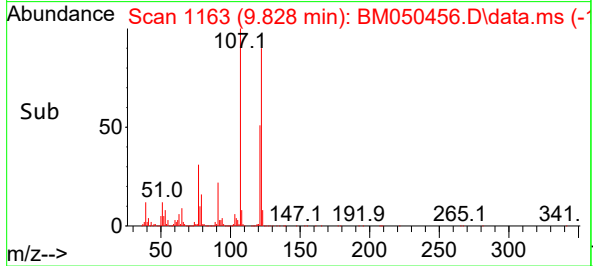
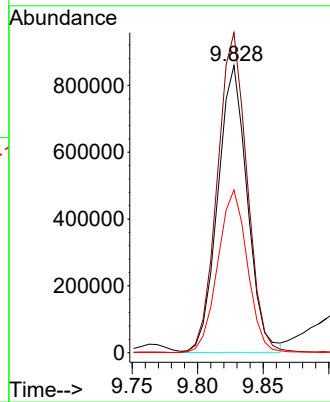
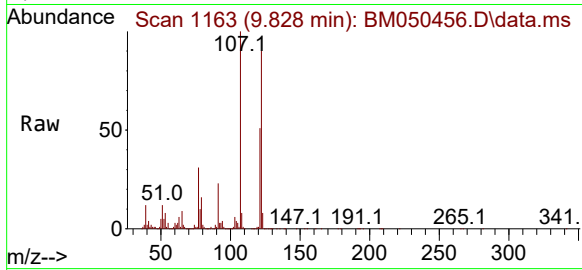




#27
2,4-Dimethylphenol
Concen: 41.907 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

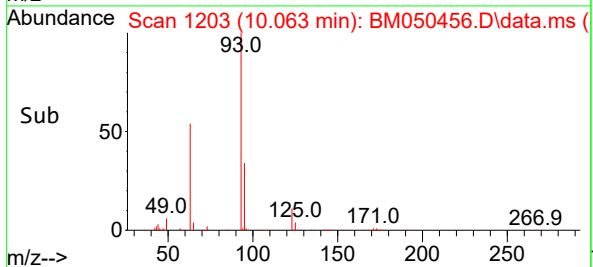
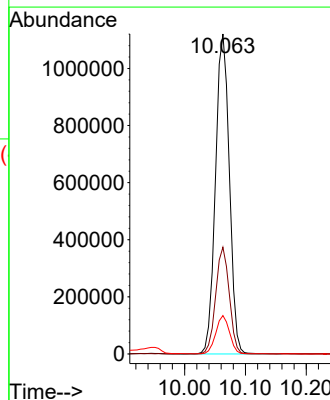
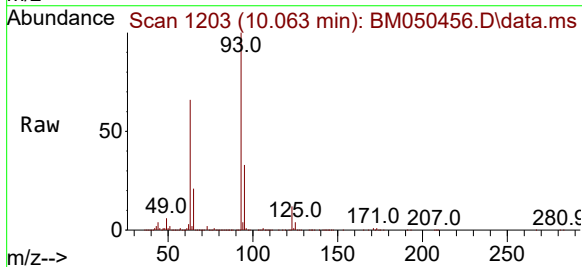
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

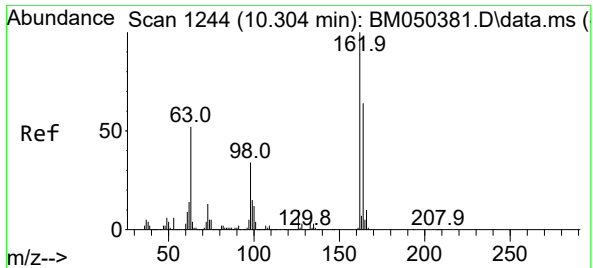
Tgt Ion:122 Resp: 1343994
Ion Ratio Lower Upper
122 100
107 111.4 93.0 139.6
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.720 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 93 Resp: 1769875
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.6
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.533 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

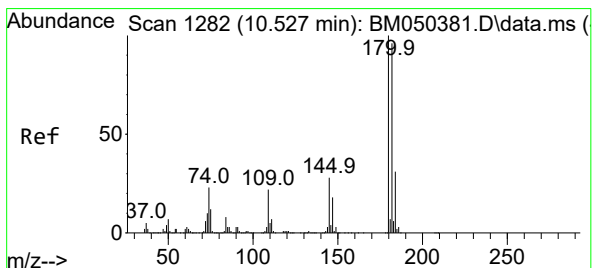
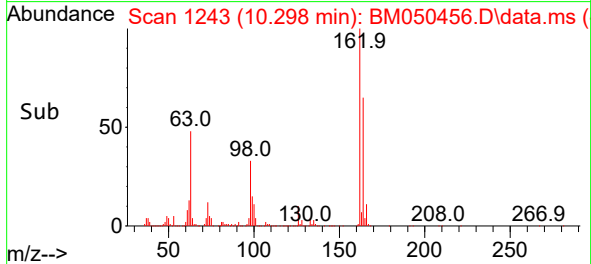
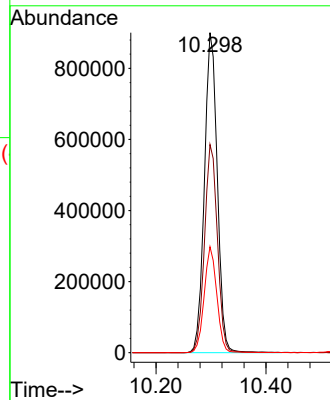
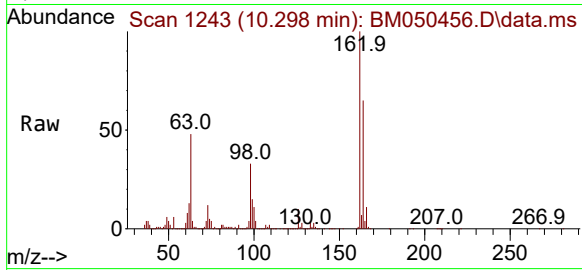
Tgt Ion:162 Resp: 1467263

Ion Ratio Lower Upper

162 100

164 65.1 43.7 83.7

98 33.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 37.703 ng

RT: 10.516 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

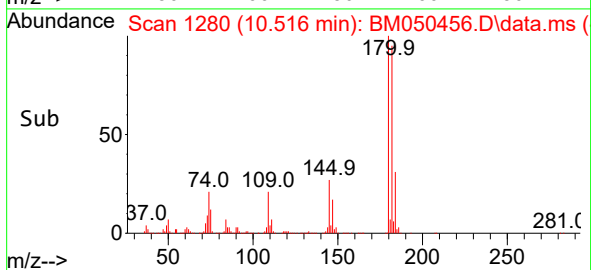
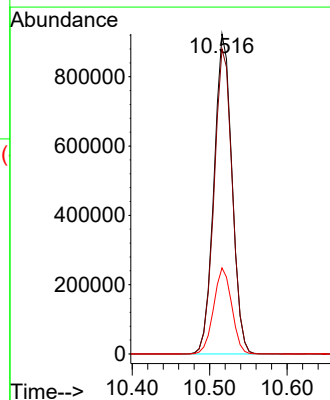
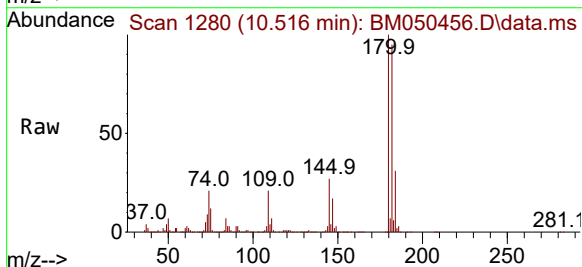
Tgt Ion:180 Resp: 1486053

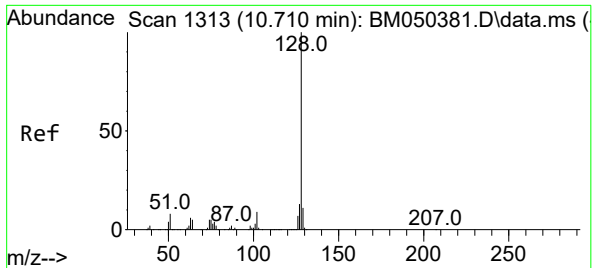
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 26.9 22.6 33.8

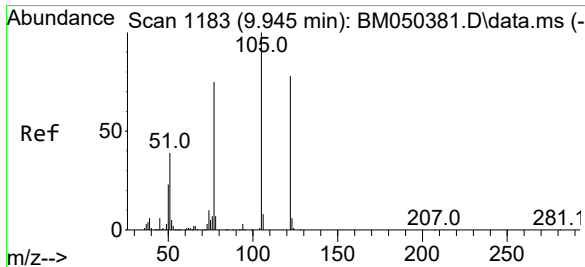
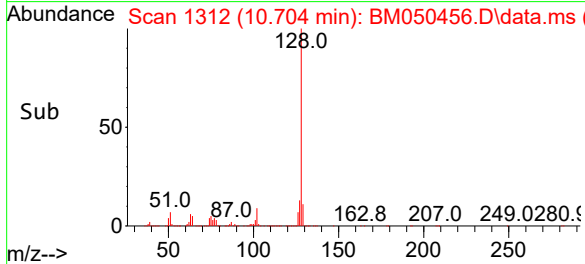
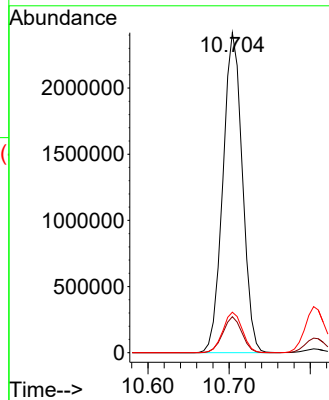
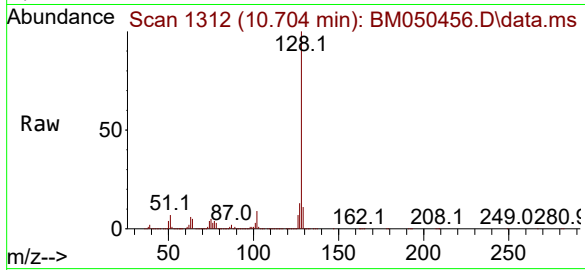




#31
Naphthalene
Concen: 37.542 ng
RT: 10.704 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

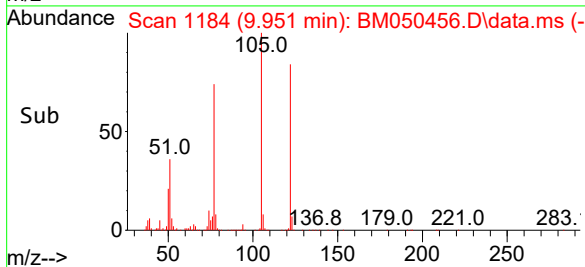
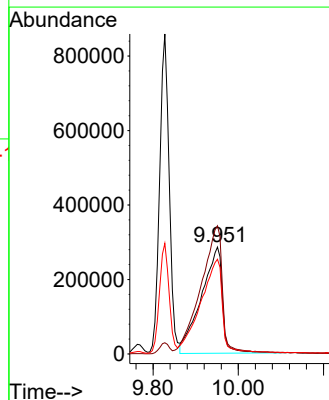
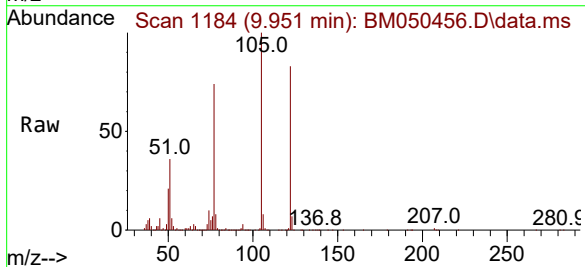
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

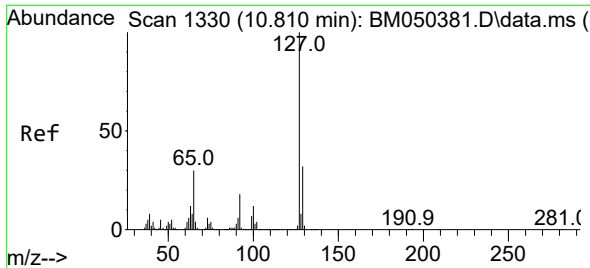
Tgt Ion:128 Resp: 4031573
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 49.798 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:122 Resp: 985318
Ion Ratio Lower Upper
122 100
105 119.8 104.0 144.0
77 88.6 73.8 113.8

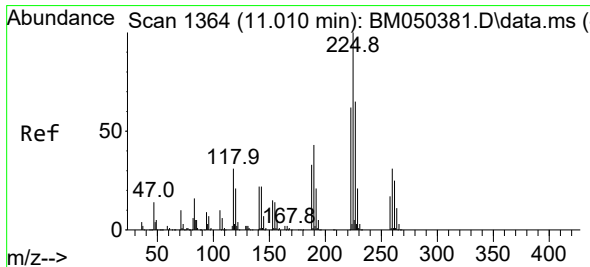
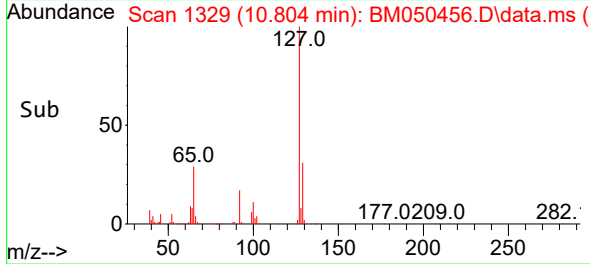
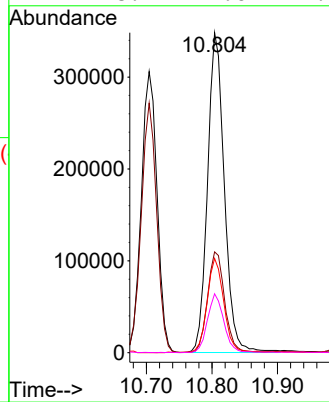
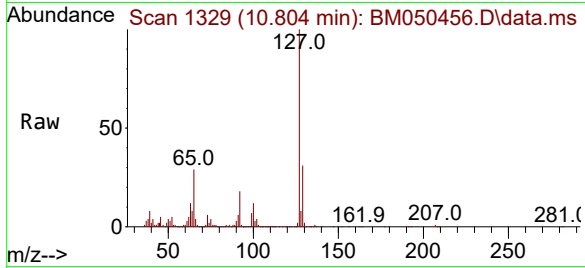




#33
4-Chloroaniline
Concen: 13.679 ng
RT: 10.804 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

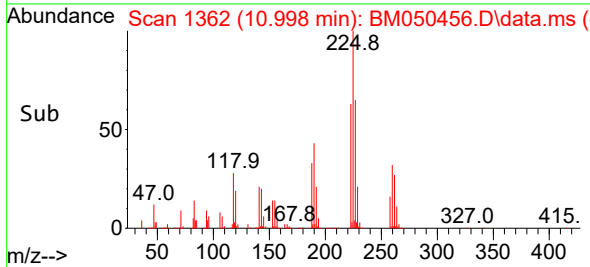
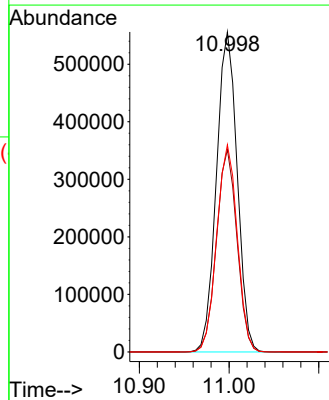
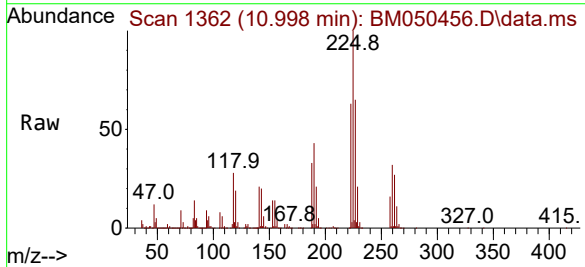
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

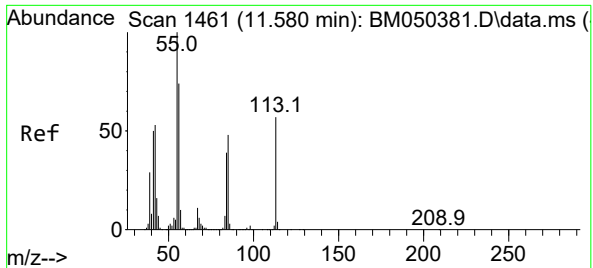
Tgt Ion:	127	Resp:	621015
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.5	38.3
65	29.5	23.9	35.9
92	18.4	14.6	21.8



#34
Hexachlorobutadiene
Concen: 37.098 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:	225	Resp:	892438
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.7	52.1	78.1

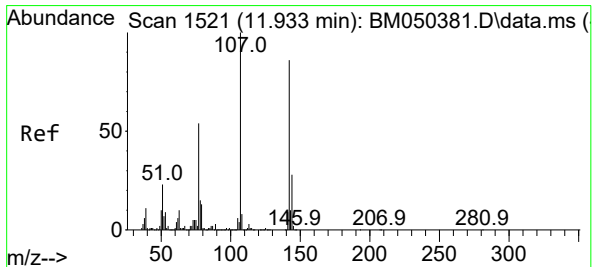
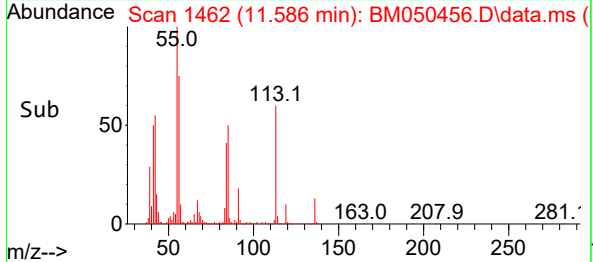
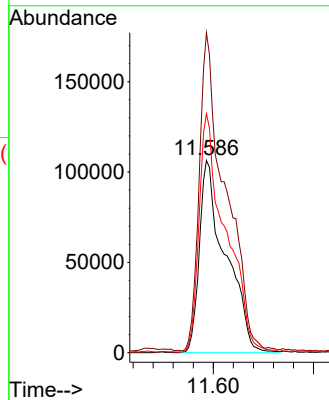
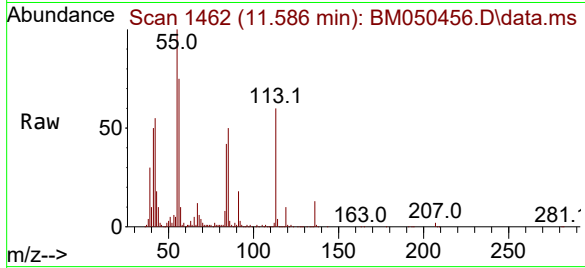




#35
Caprolactam
Concen: 42.807 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

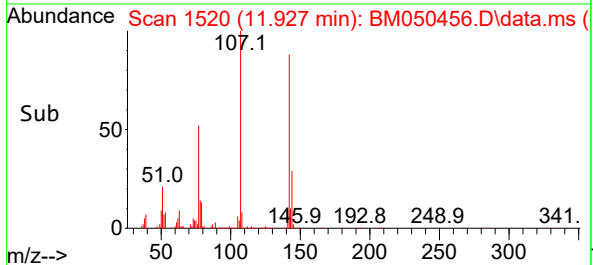
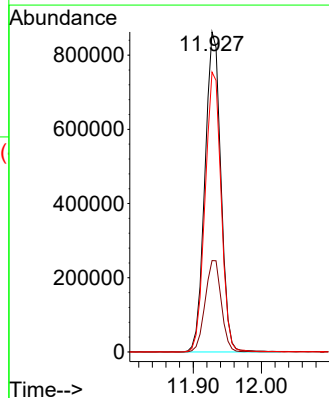
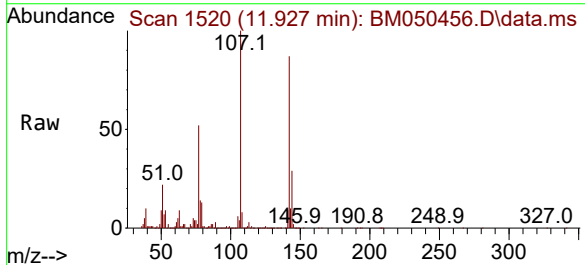
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

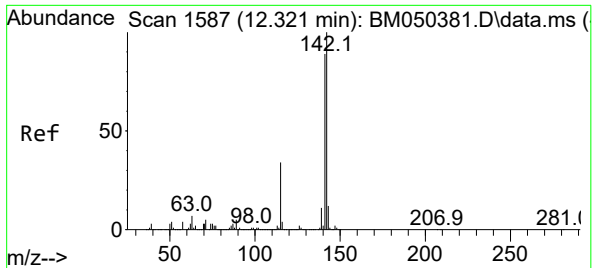
Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.3	157.2	197.2
56	124.2	111.7	151.7



#36
4-Chloro-3-methylphenol
Concen: 45.558 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.2	33.4
142	87.5	68.7	103.1

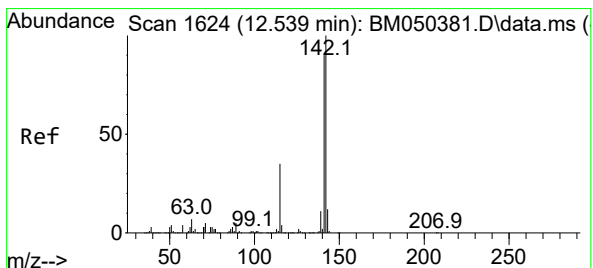
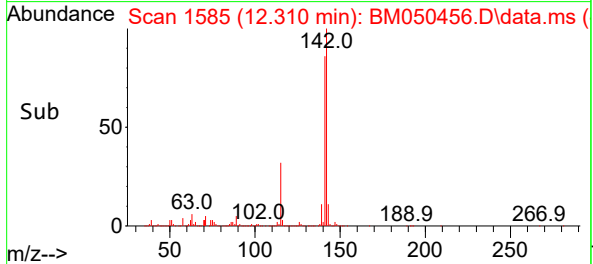
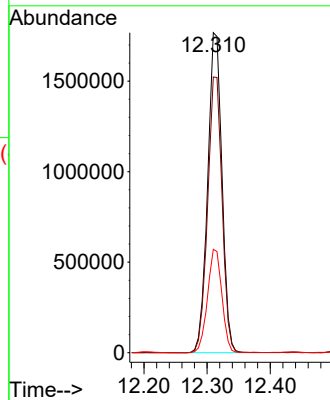
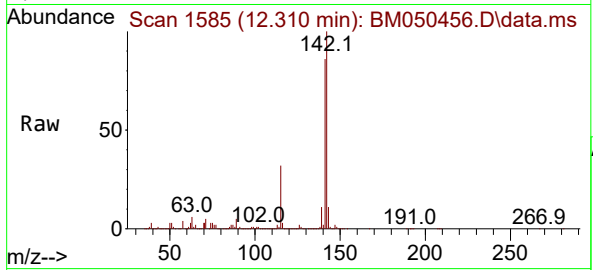




#37
2-Methylnaphthalene
Concen: 40.907 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

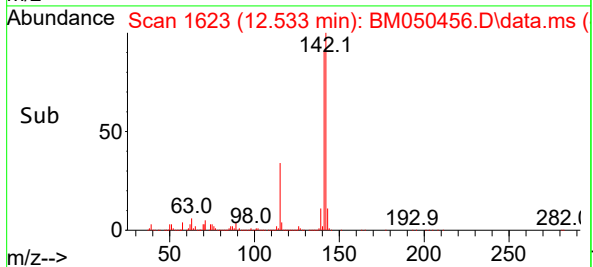
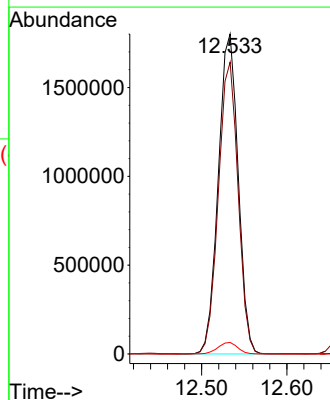
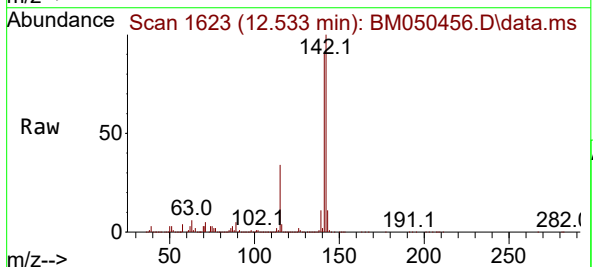
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

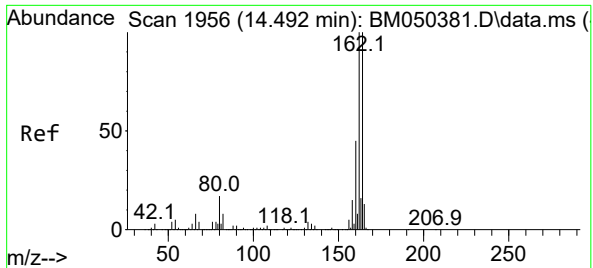
Tgt Ion:142 Resp: 2773699
Ion Ratio Lower Upper
142 100
141 86.1 70.8 106.2
115 32.3 27.0 40.4



#38
1-Methylnaphthalene
Concen: 40.609 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:142 Resp: 2914040
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

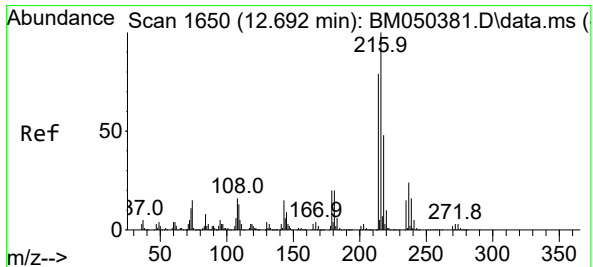
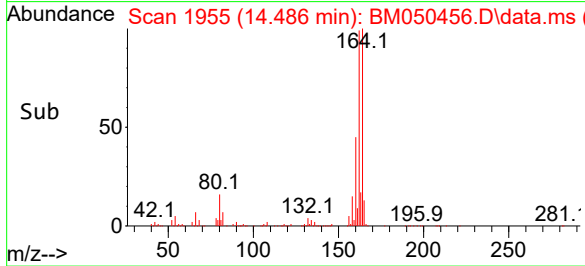
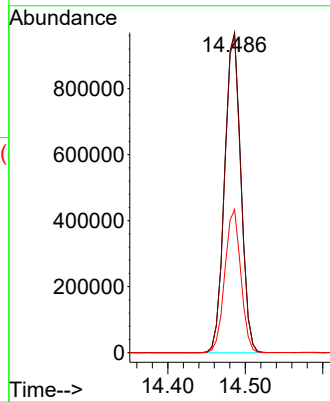
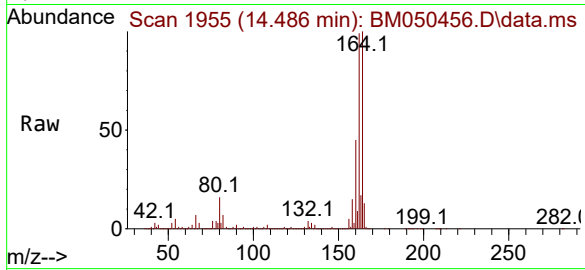
Tgt Ion:164 Resp: 1418618

Ion	Ratio	Lower	Upper

164	100		

162	99.3	79.9	119.9

160	44.7	36.2	54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.255 ng

RT: 12.680 min Scan# 1648

Delta R.T. -0.012 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Tgt Ion:216 Resp: 1816052

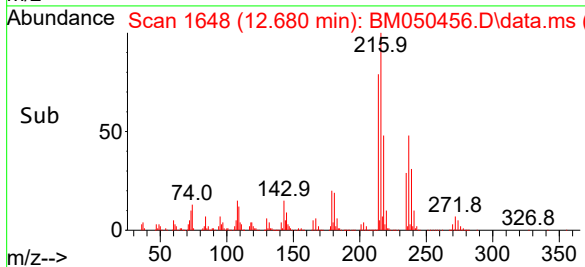
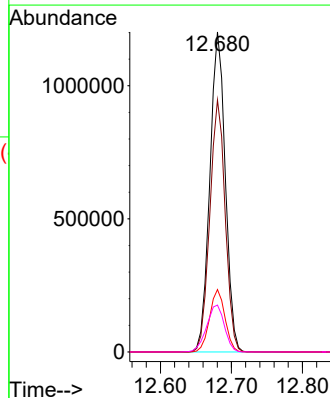
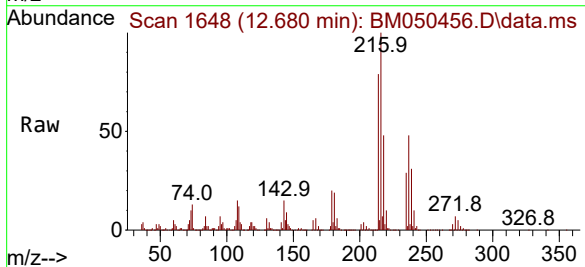
Ion	Ratio	Lower	Upper

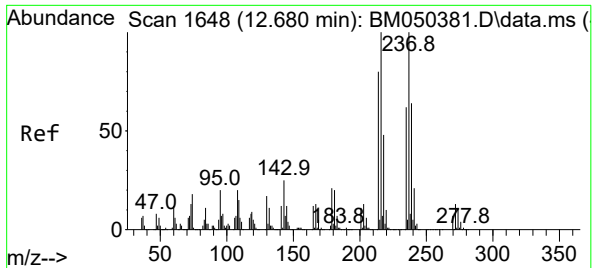
216	100		

214	78.4	63.3	94.9

179	19.5	16.4	24.6

108	16.9	13.9	20.9

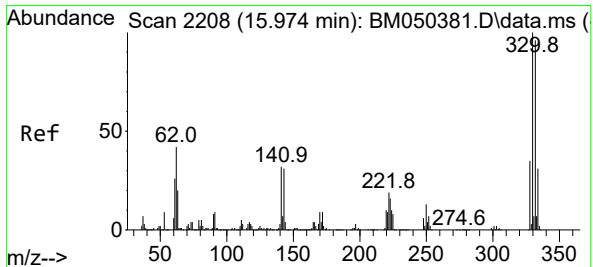
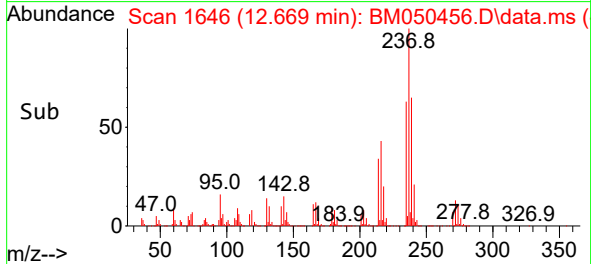
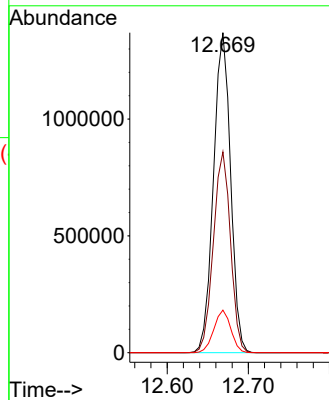
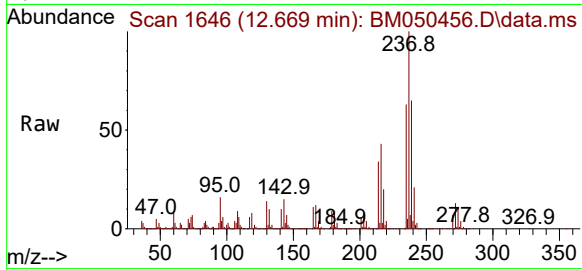




#41
Hexachlorocyclopentadiene
Concen: 69.362 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

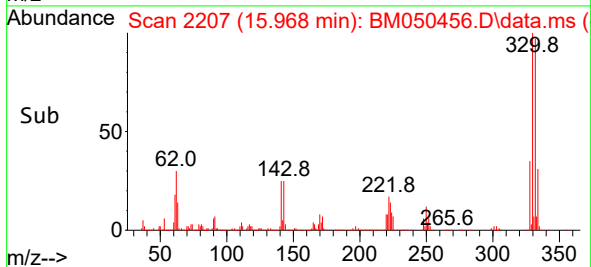
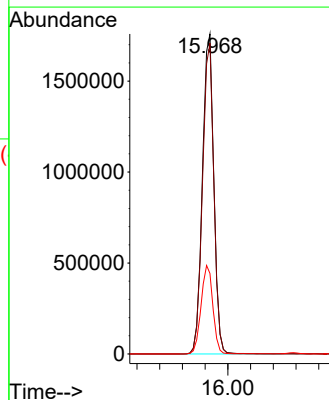
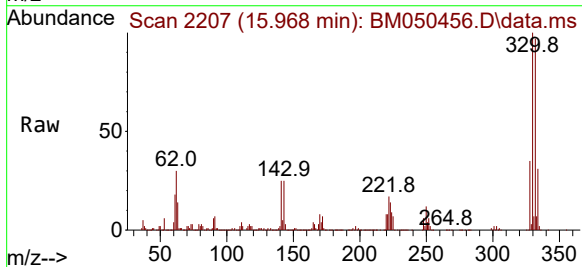
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

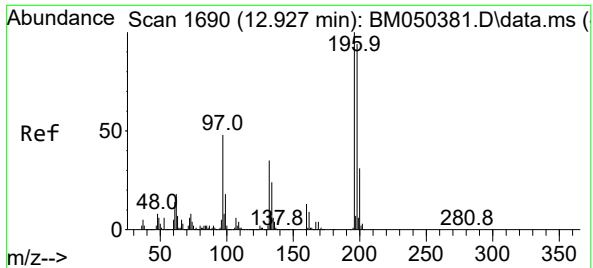
Tgt Ion:237 Resp: 2000208
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 141.772 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:330 Resp: 2443638
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 28.6 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 45.930 ng

RT: 12.916 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

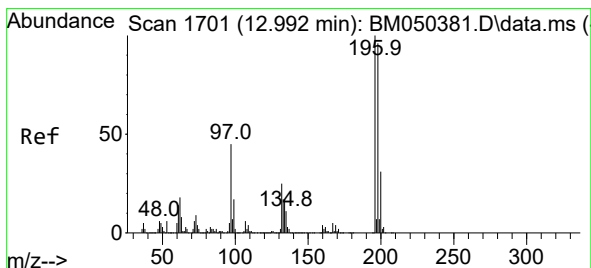
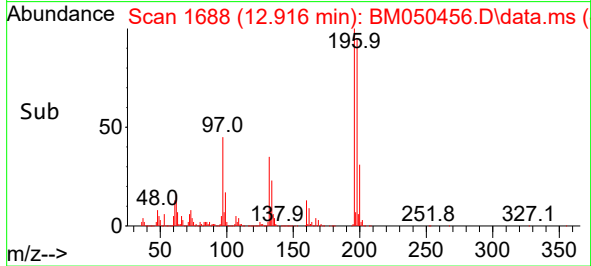
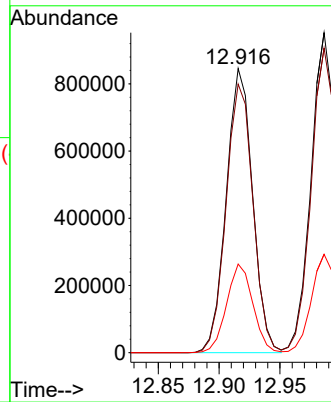
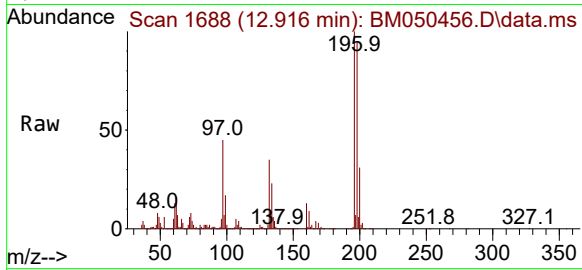
Tgt Ion:196 Resp: 1275451

Ion Ratio Lower Upper

196 100

198 94.5 75.1 112.7

200 31.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.728 ng

RT: 12.986 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Tgt Ion:196 Resp: 1417129

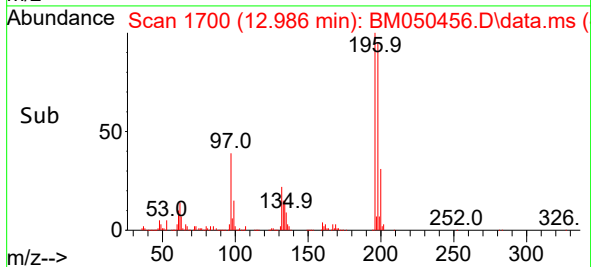
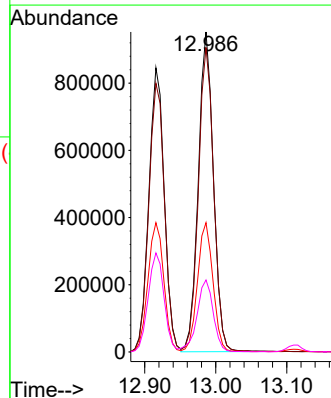
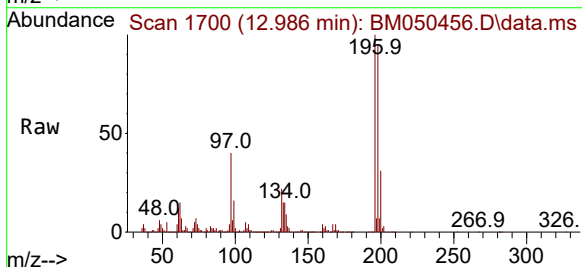
Ion Ratio Lower Upper

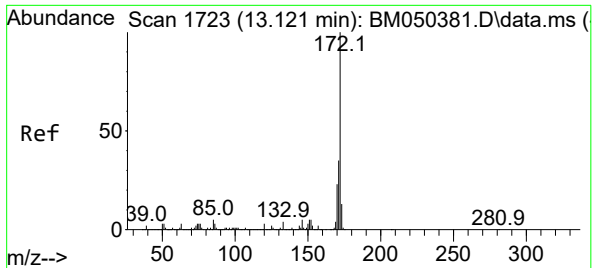
196 100

198 95.1 77.2 115.8

97 40.4 36.2 54.4

132 22.5 19.9 29.9

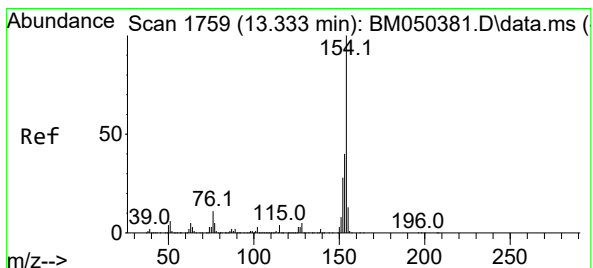
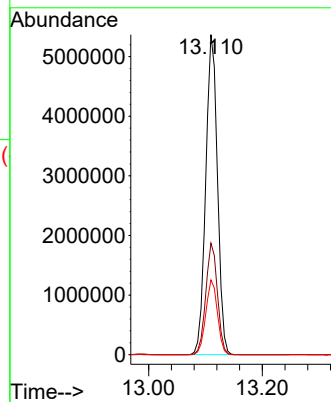
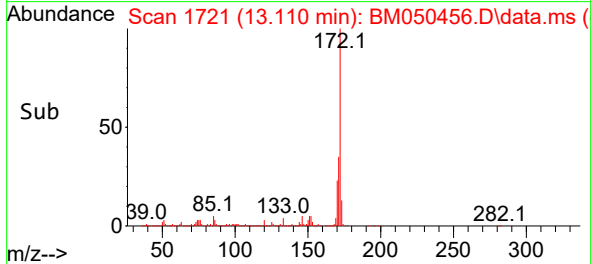
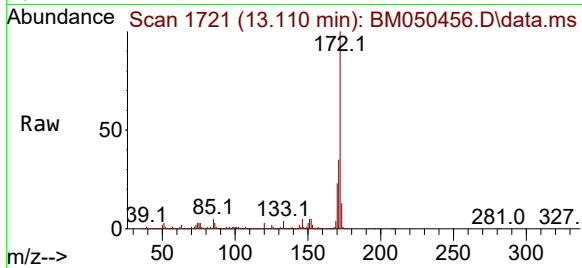




#45
2-Fluorobiphenyl
Concen: 66.640 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

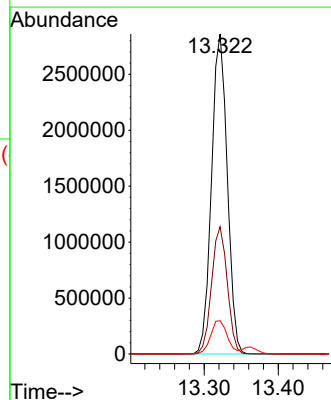
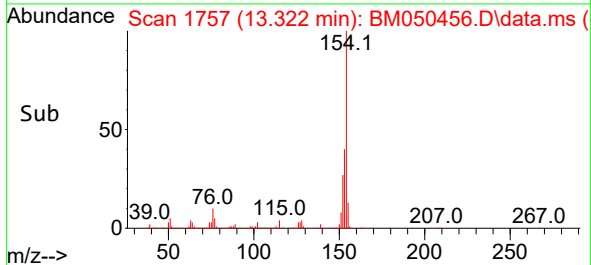
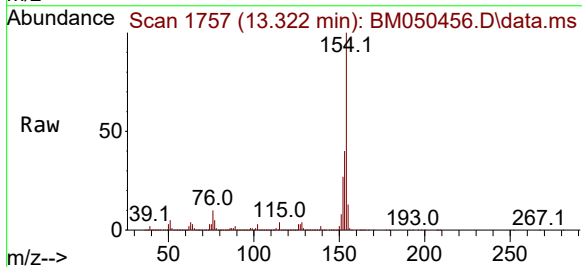
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

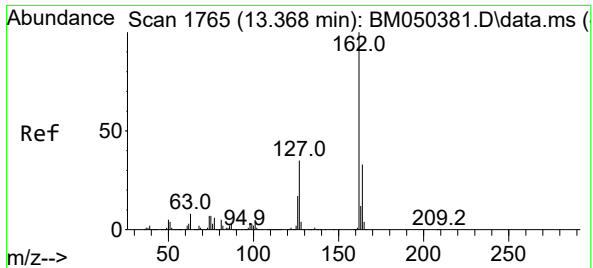
Tgt Ion:172 Resp: 7655220
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.988 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:154 Resp: 4208779
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.4 0.0 30.9

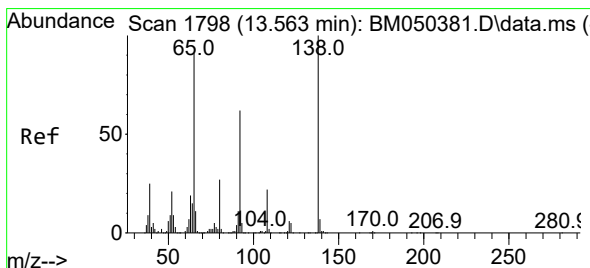
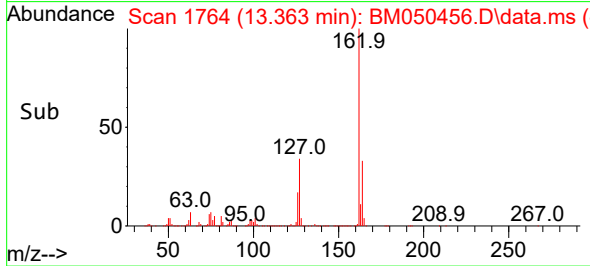
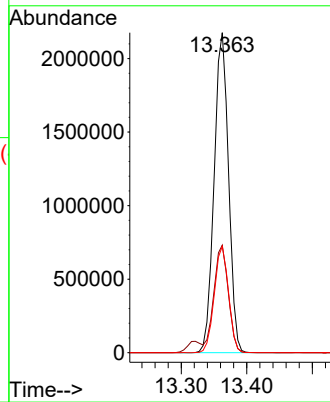
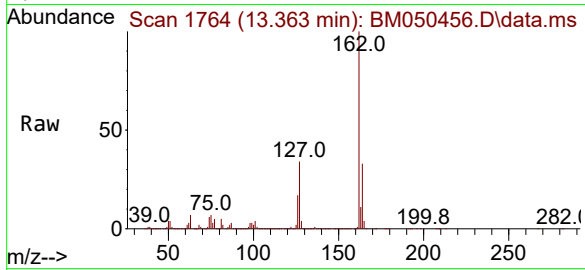




#47
2-Chloronaphthalene
Concen: 39.504 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

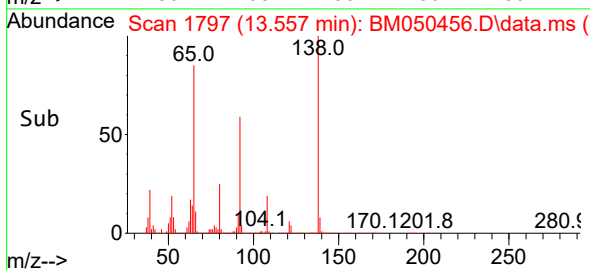
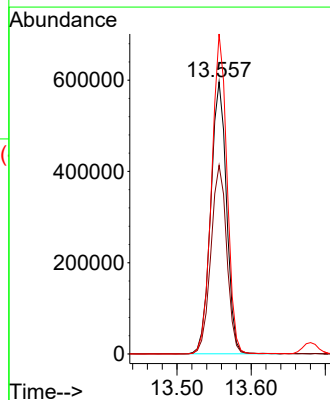
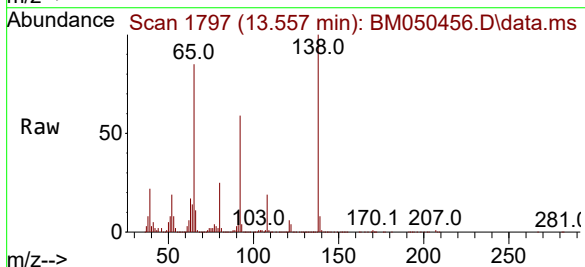
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

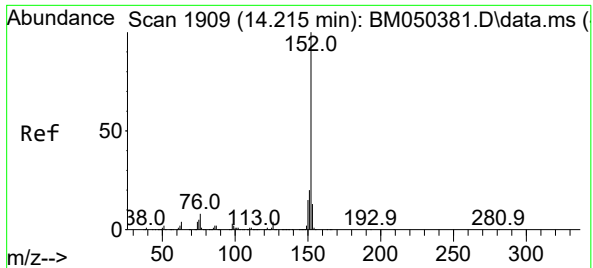
Tgt Ion:162 Resp: 3315084
Ion Ratio Lower Upper
162 100
127 33.6 28.3 42.5
164 33.3 26.6 40.0



#48
2-Nitroaniline
Concen: 47.074 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 65 Resp: 881762
Ion Ratio Lower Upper
65 100
92 69.3 54.3 81.5
138 117.5 87.8 131.6

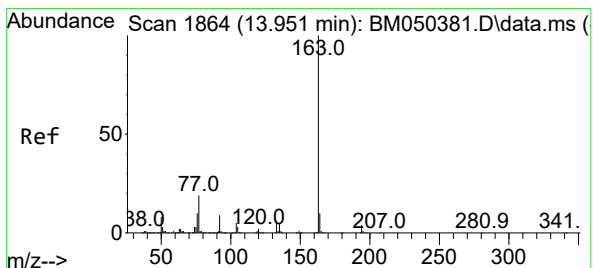
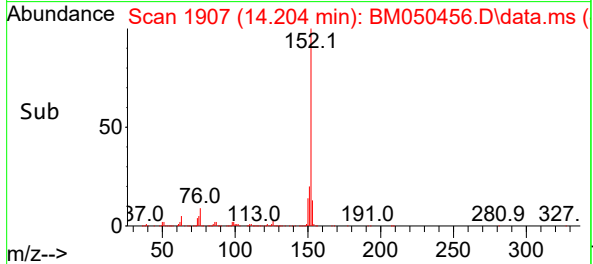
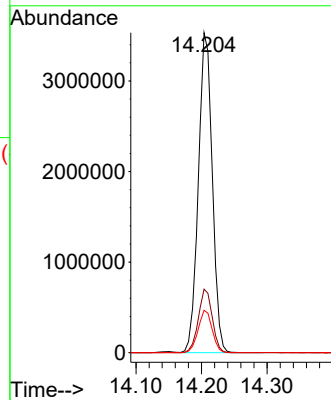
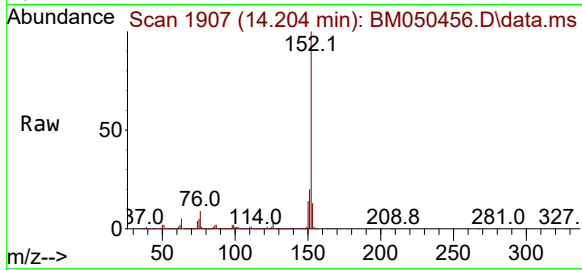




#49
Acenaphthylene
Concen: 41.209 ng
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

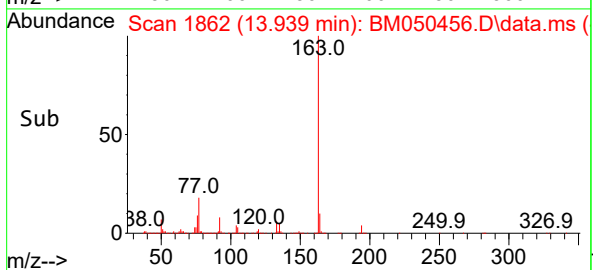
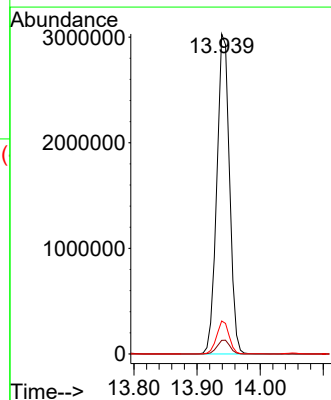
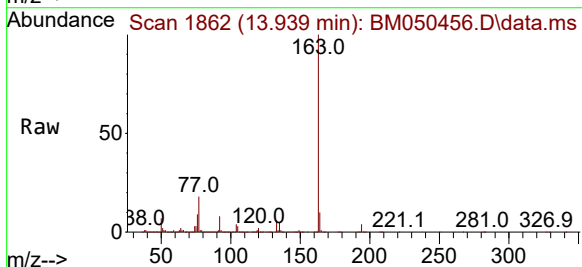
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

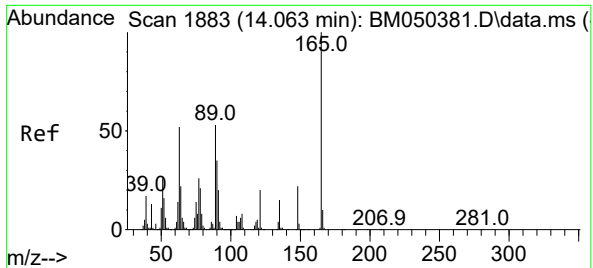
Tgt Ion:152 Resp: 5226313
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.177 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:163 Resp: 4217003
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2

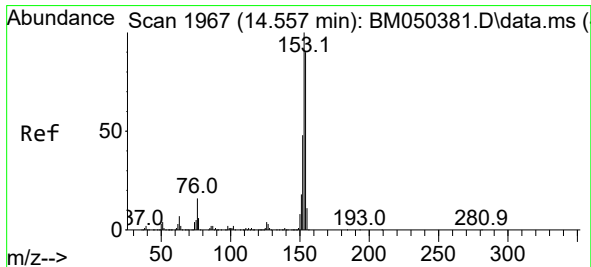
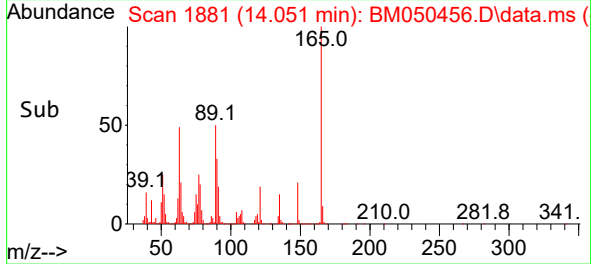
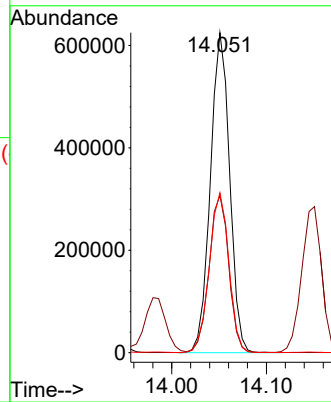
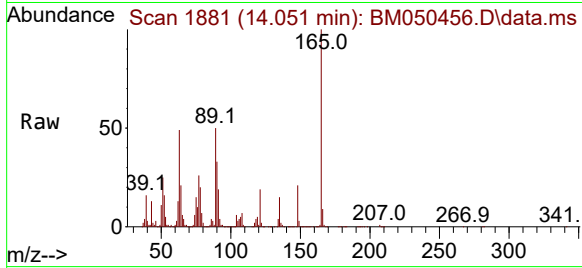




#51
2,6-Dinitrotoluene
Concen: 47.066 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

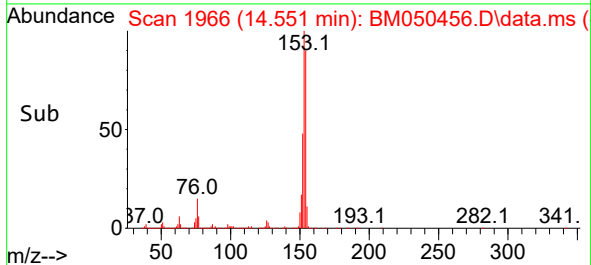
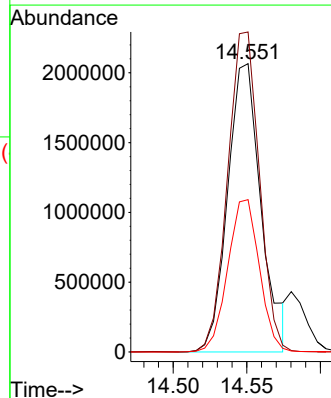
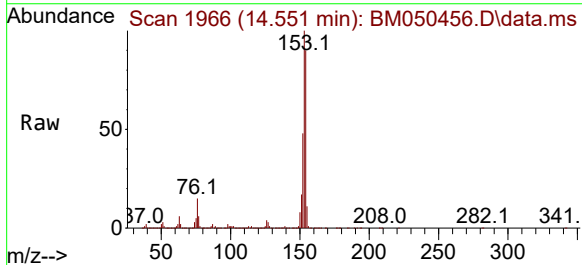
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

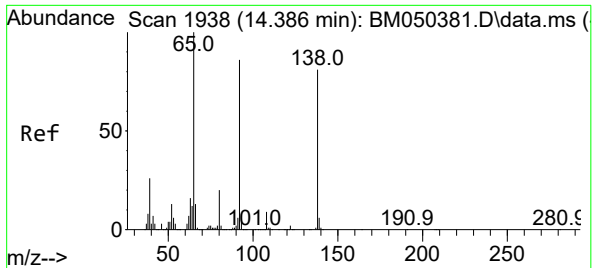
Tgt Ion:165 Resp: 882615
Ion Ratio Lower Upper
165 100
63 49.1 42.4 63.6
89 50.0 42.2 63.2



#52
Acenaphthene
Concen: 40.584 ng m
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:154 Resp: 3272271
Ion Ratio Lower Upper
154 100
153 111.0 89.2 133.8
152 52.9 42.6 64.0

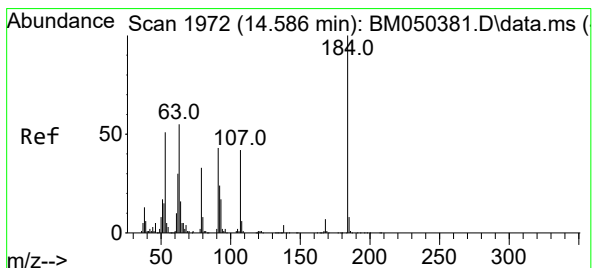
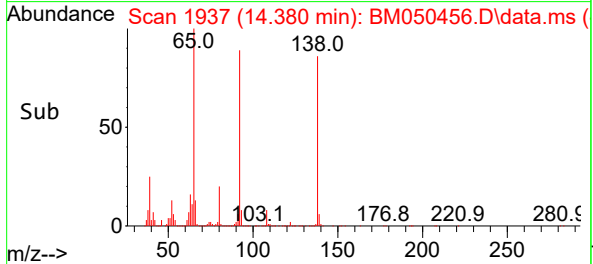
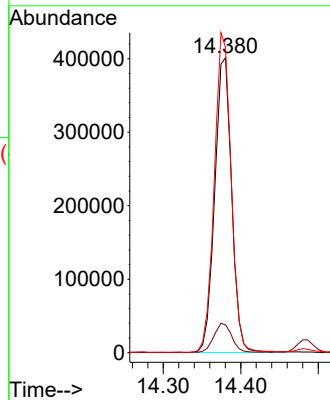
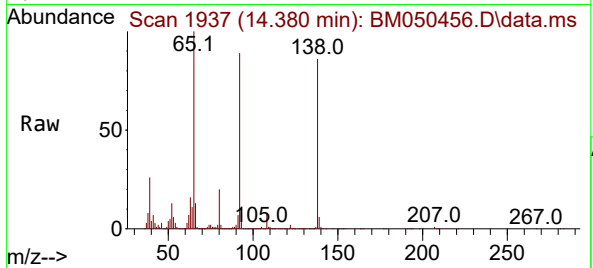




#53
3-Nitroaniline
Concen: 30.549 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

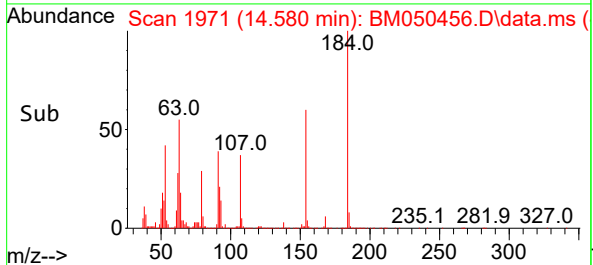
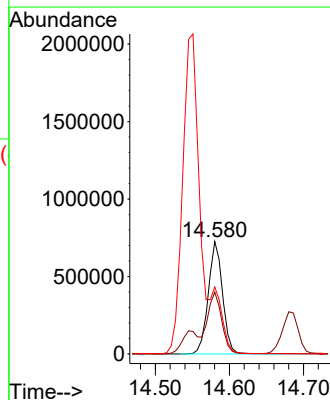
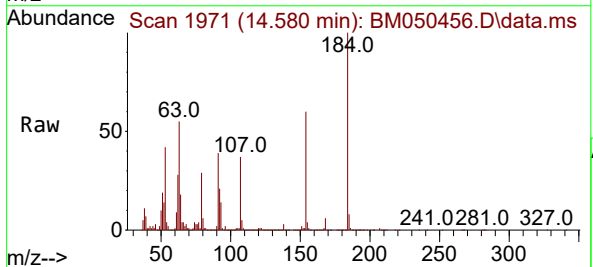
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

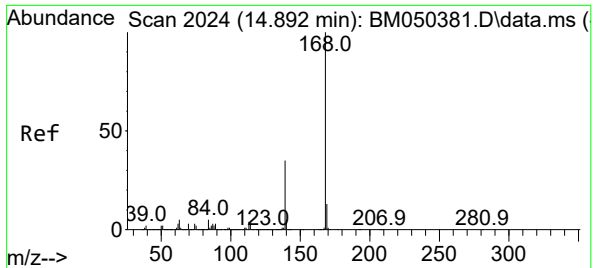
Tgt Ion:138 Resp: 609247
Ion Ratio Lower Upper
138 100
108 9.4 8.8 13.2
92 103.5 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 93.183 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:184 Resp: 976116
Ion Ratio Lower Upper
184 100
63 55.1 53.4 80.0
154 59.6 61.6 92.4#

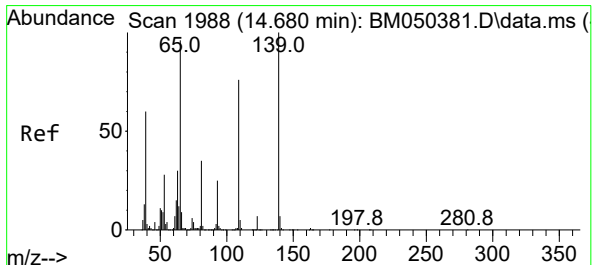
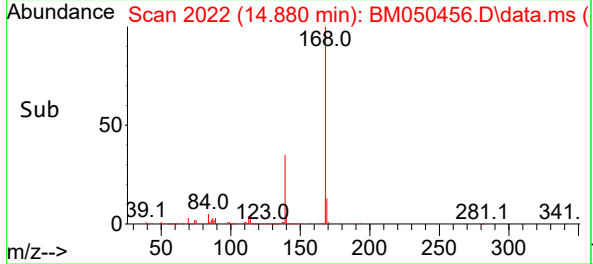
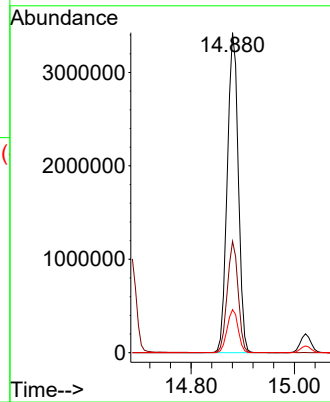
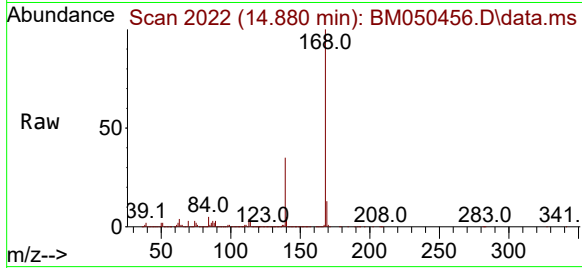




#55
Dibenzenofuran
Concen: 40.771 ng
RT: 14.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

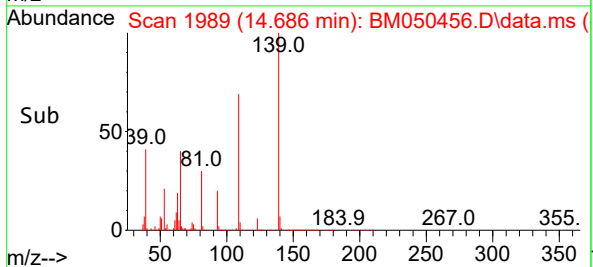
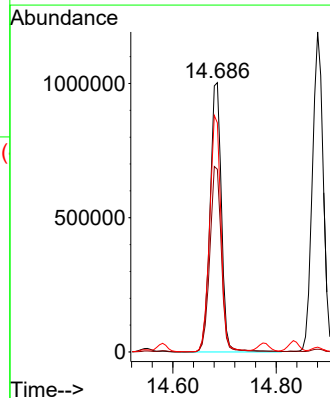
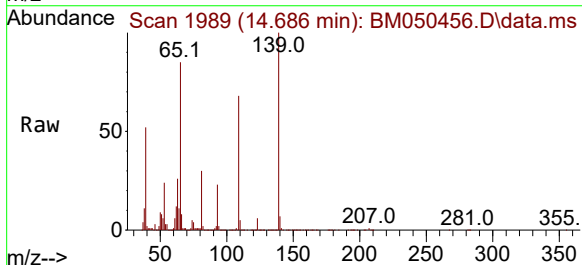
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

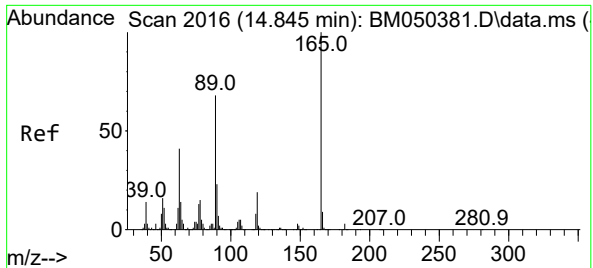
Tgt Ion:168 Resp: 5065232
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 89.640 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:139 Resp: 1537363
Ion Ratio Lower Upper
139 100
109 67.9 56.5 96.5
65 85.1 76.4 116.4

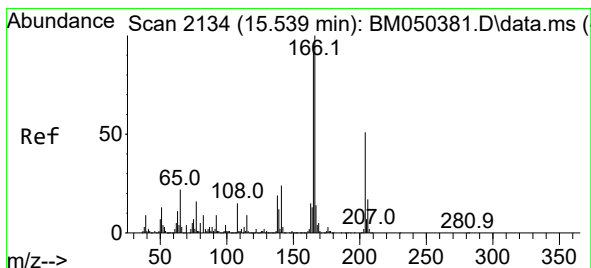
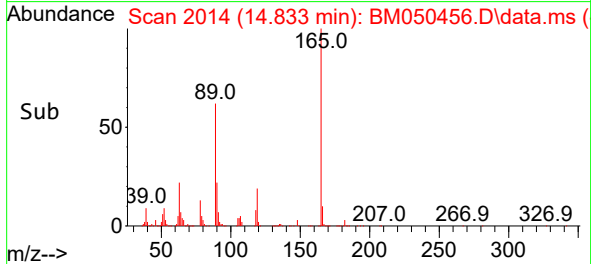
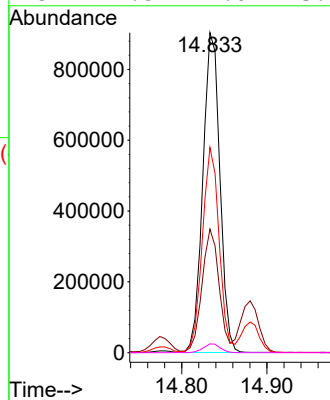
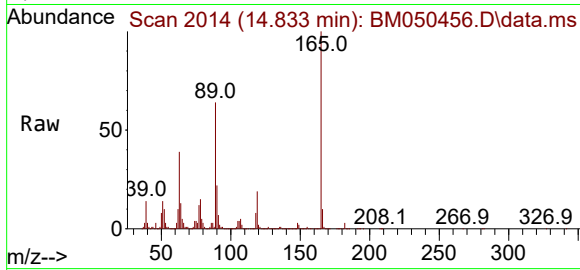




#57
2,4-Dinitrotoluene
Concen: 44.950 ng
RT: 14.833 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

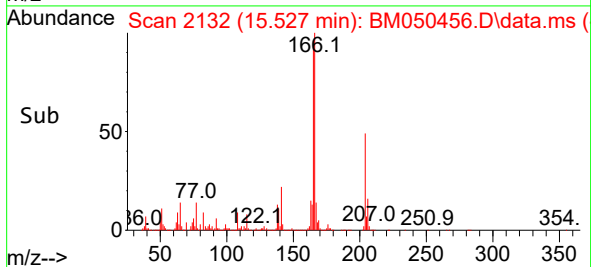
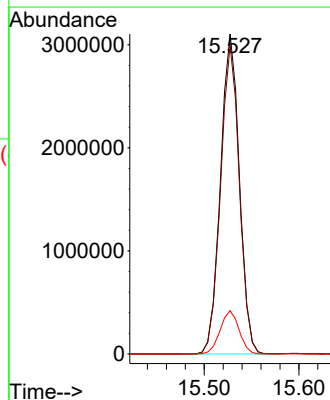
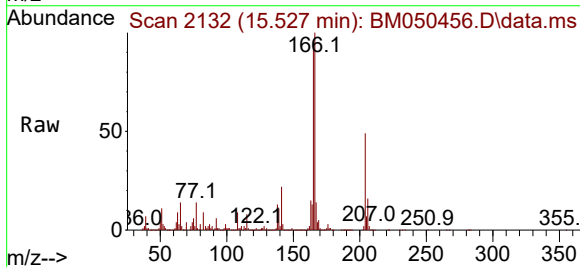
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

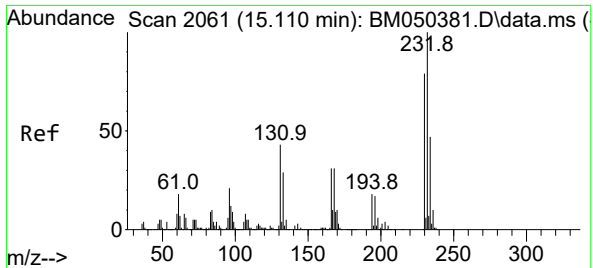
Tgt Ion:165 Resp: 1256724
Ion Ratio Lower Upper
165 100
63 38.6 32.5 48.7
89 64.1 54.0 81.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.017 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:166 Resp: 4299538
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.6
167 13.6 10.9 16.3

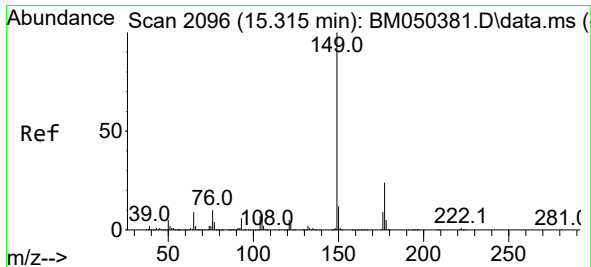
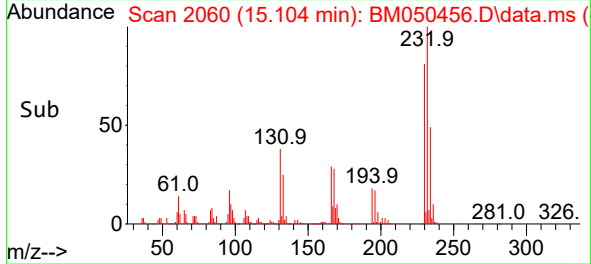
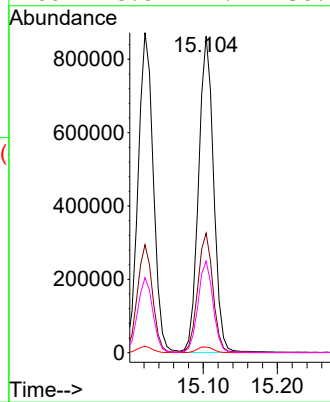
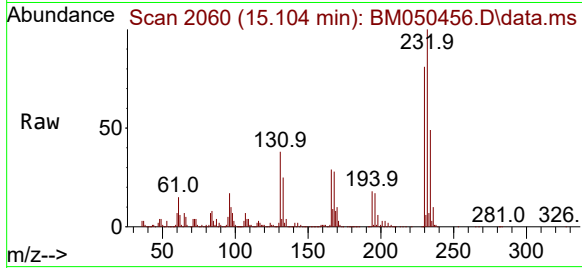




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.492 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

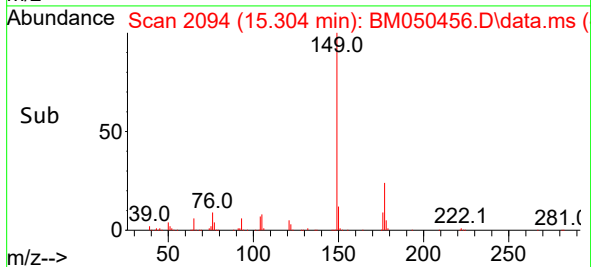
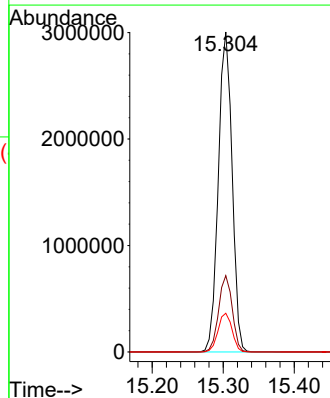
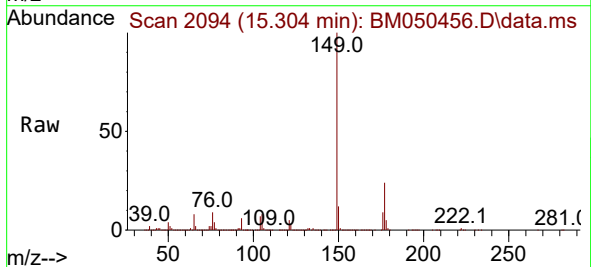
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

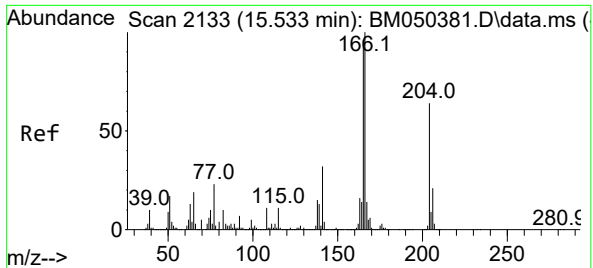
Tgt Ion:232 Resp: 1212432
Ion Ratio Lower Upper
232 100
131 38.0 33.4 50.0
130 2.0 1.8 2.6
166 28.8 24.2 36.4



#60
Diethylphthalate
Concen: 43.090 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:149 Resp: 4020100
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 12.1 9.8 14.8

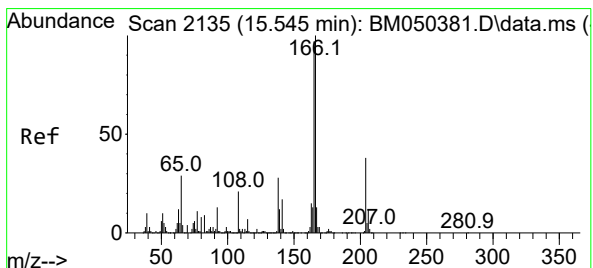
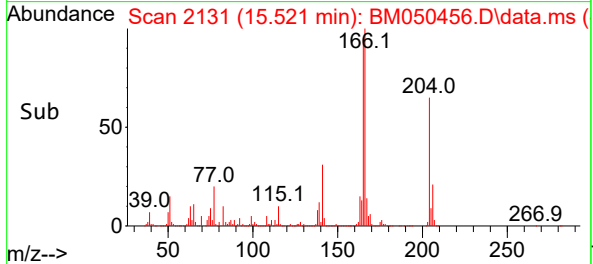
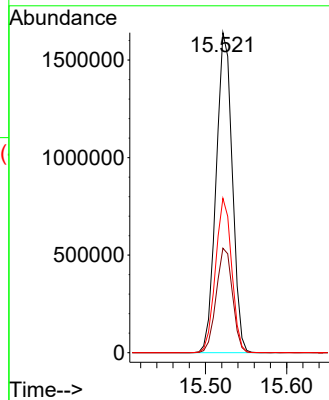
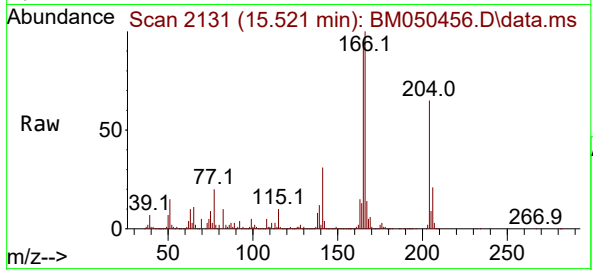




#61
4-Chlorophenyl-phenylether
Concen: 42.449 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

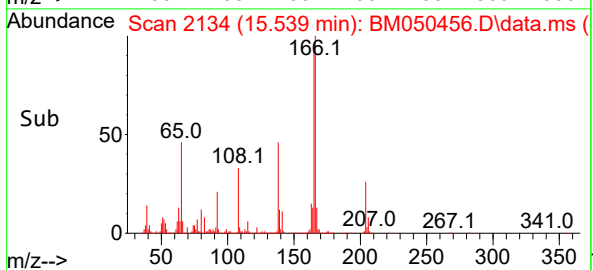
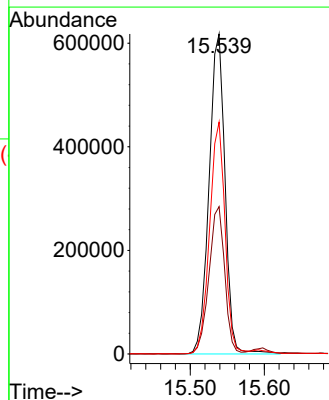
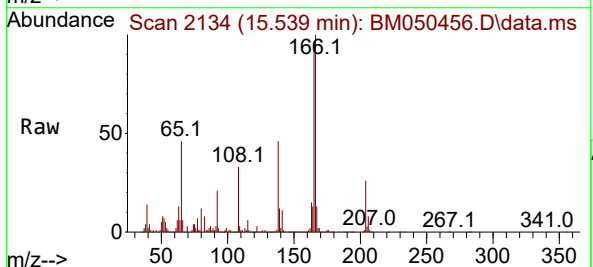
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

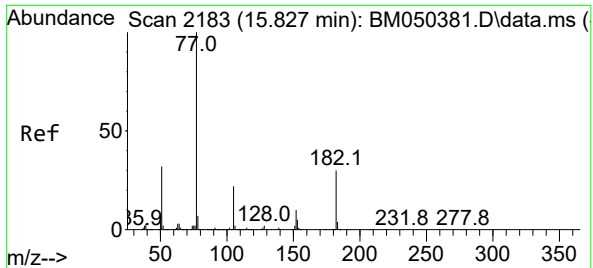
Tgt Ion:204 Resp: 2271348
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 48.3 39.9 59.9



#62
4-Nitroaniline
Concen: 40.697 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:138 Resp: 923554
Ion Ratio Lower Upper
138 100
92 46.0 24.5 64.5
108 72.5 52.5 92.5



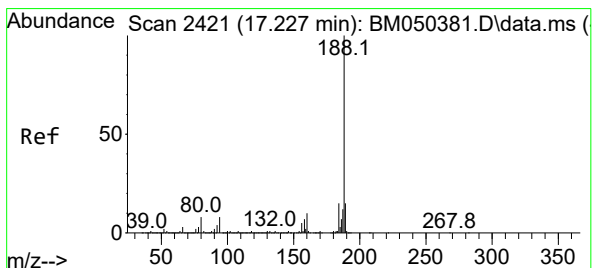
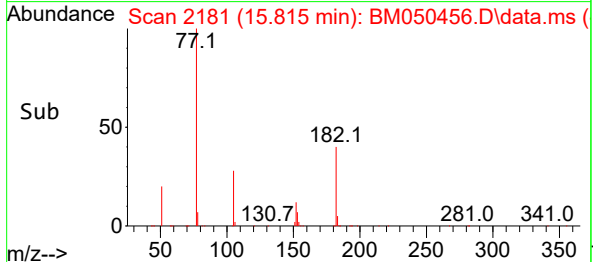
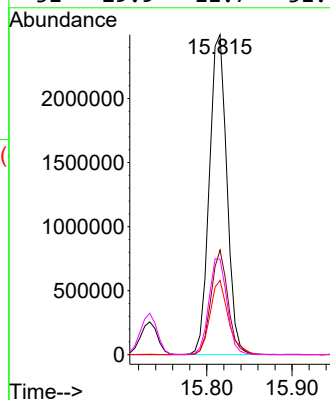
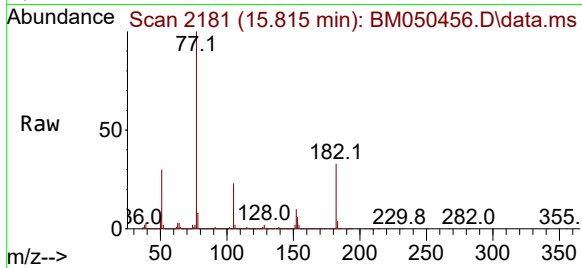


#63
Azobenzene
Concen: 41.464 ng
RT: 15.815 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion: 77 Resp: 3552158

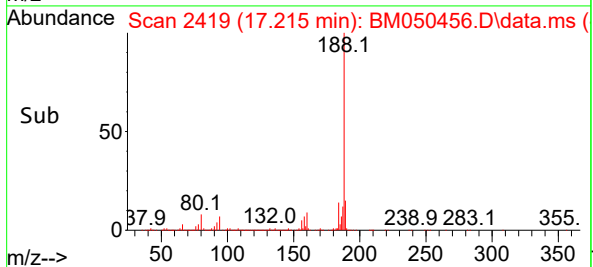
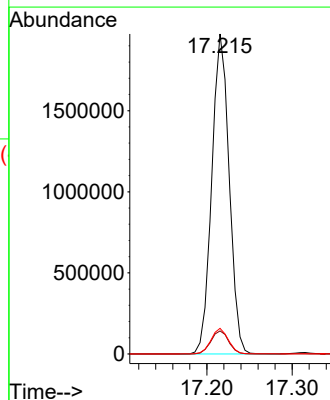
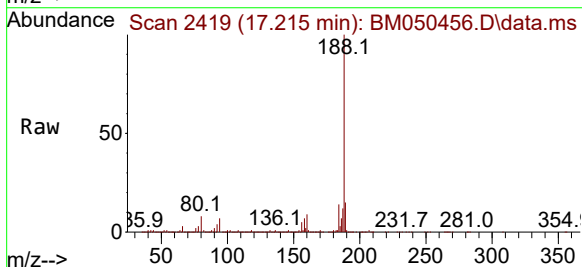
Ion	Ratio	Lower	Upper
77	100		
182	32.7	10.0	50.0
105	23.2	2.0	42.0
51	29.9	11.7	51.7

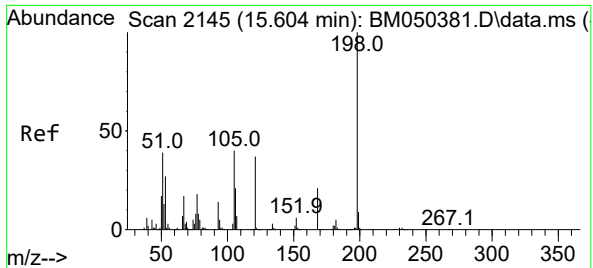


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion: 188 Resp: 2807645

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	8.0	6.5	9.7

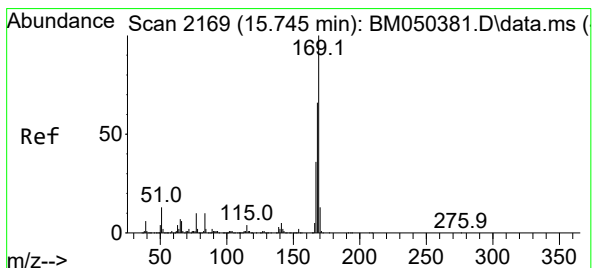
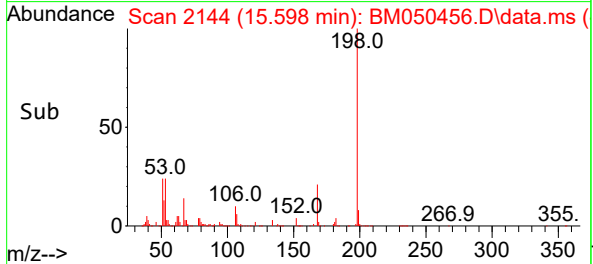
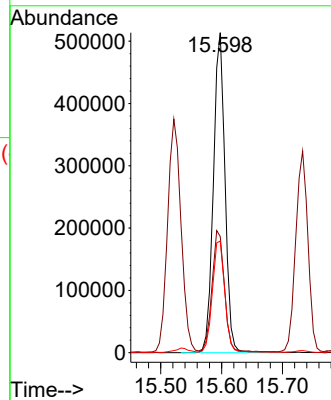
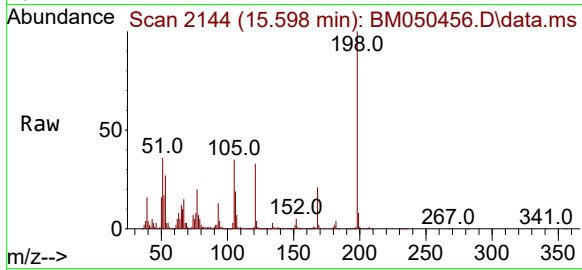




#65
4,6-Dinitro-2-methylphenol
Concen: 45.411 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

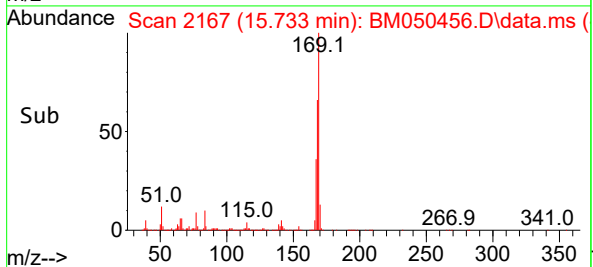
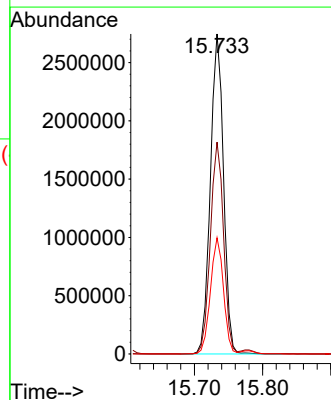
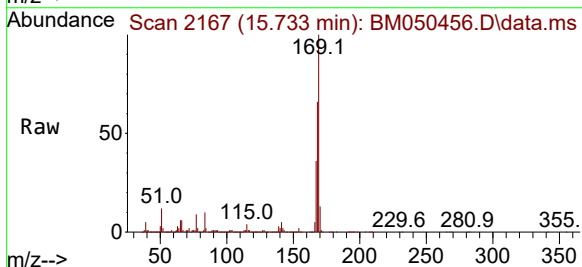
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

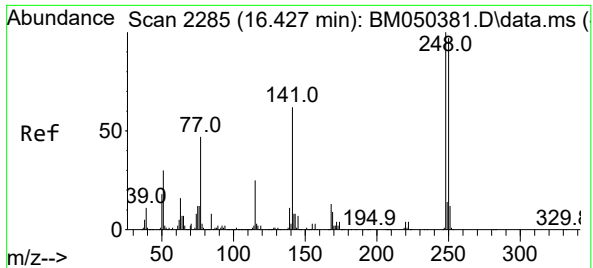
Tgt Ion:198 Resp: 679673
Ion Ratio Lower Upper
198 100
51 36.3 26.6 66.6
105 34.9 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 41.849 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:169 Resp: 3676660
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.3 28.7 43.1

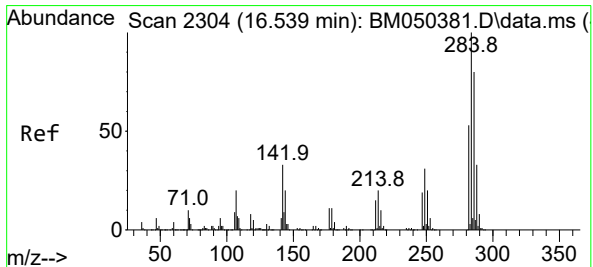
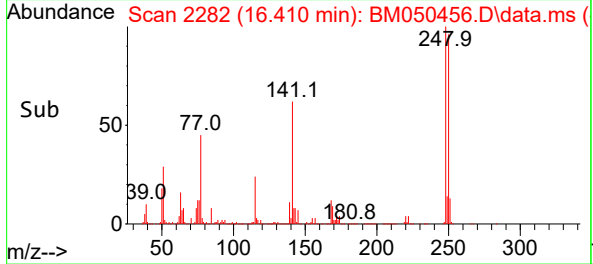
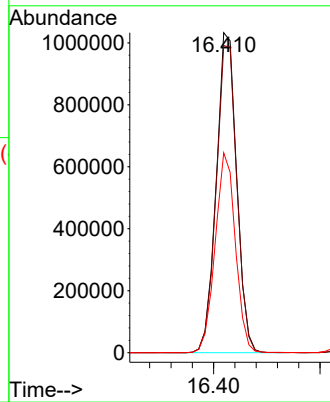
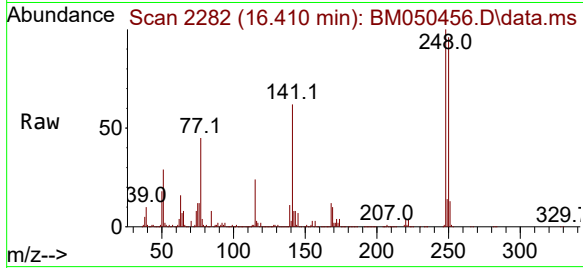




#67
4-Bromophenyl-phenylether
Concen: 44.394 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

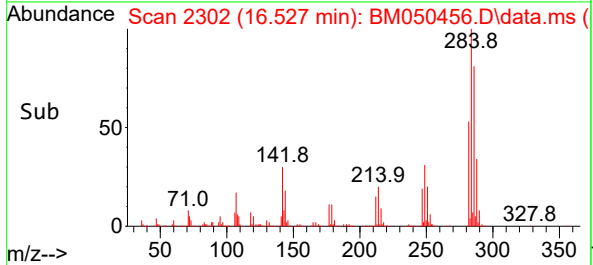
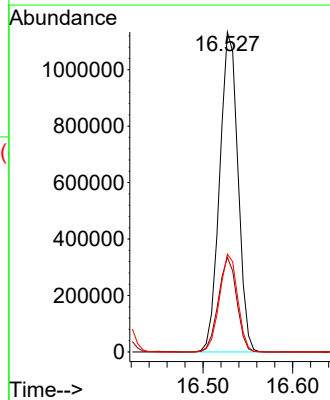
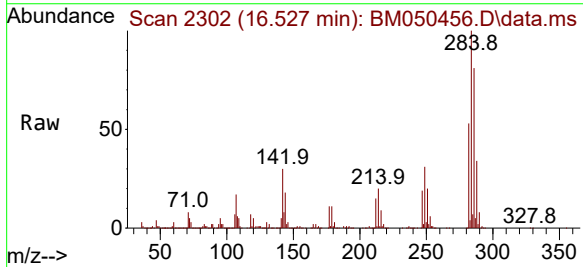
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

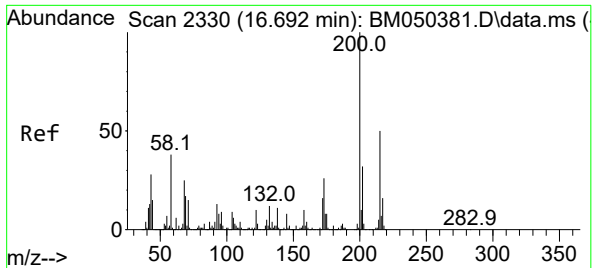
Tgt Ion:248 Resp: 1373284
Ion Ratio Lower Upper
248 100
250 96.0 77.9 116.9
141 62.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 43.903 ng
RT: 16.527 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:284 Resp: 1604008
Ion Ratio Lower Upper
284 100
142 29.6 26.8 40.2
249 30.6 24.5 36.7

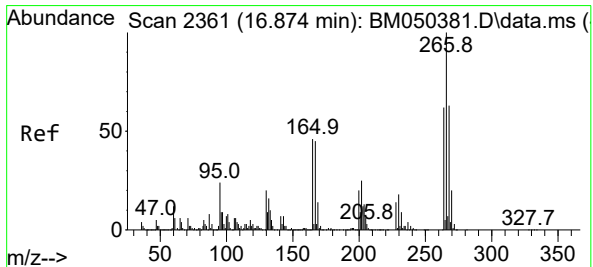
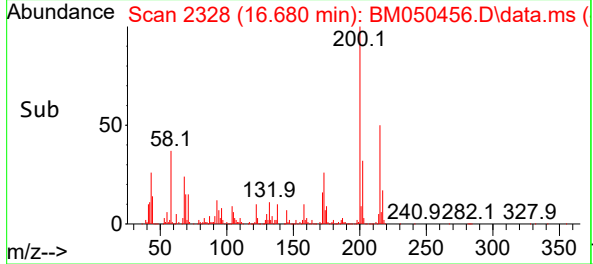
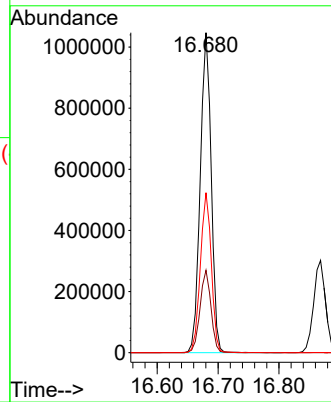
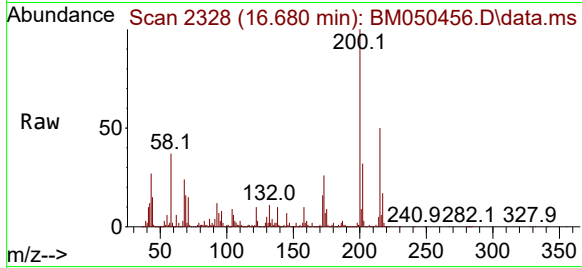




#69
Atrazine
Concen: 45.421 ng
RT: 16.680 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

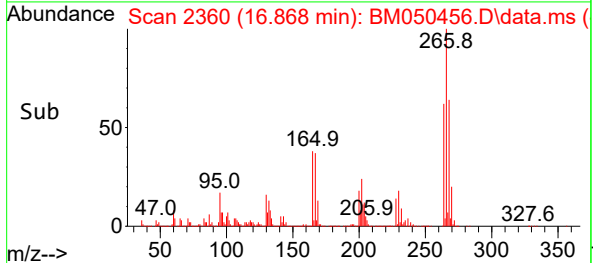
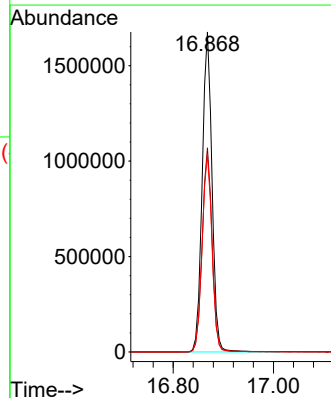
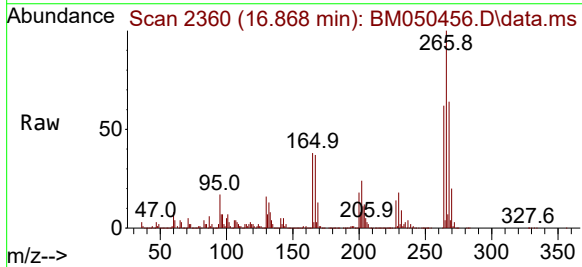
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

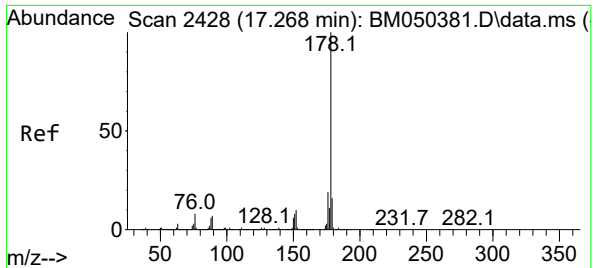
Tgt Ion:200 Resp: 1310346
Ion Ratio Lower Upper
200 100
173 25.8 5.6 45.6
215 50.0 29.6 69.6



#70
Pentachlorophenol
Concen: 100.090 ng
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:266 Resp: 2276407
Ion Ratio Lower Upper
266 100
268 63.8 50.5 75.7
264 61.9 49.9 74.9

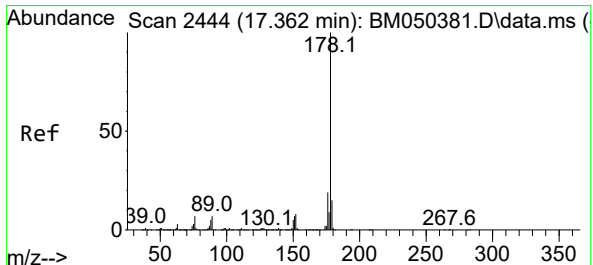
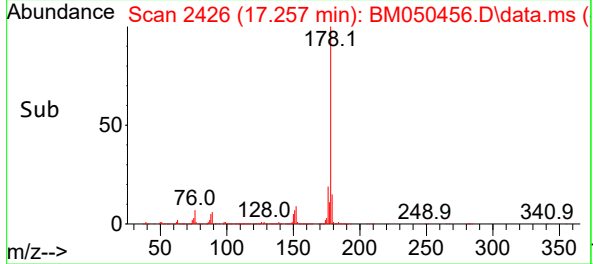
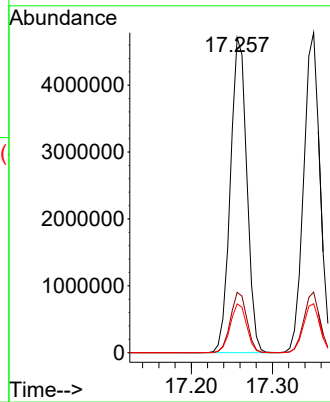
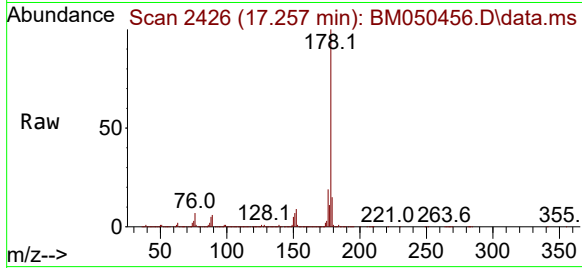




#71
Phenanthrene
Concen: 41.666 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

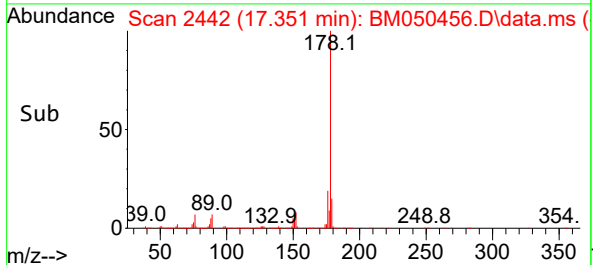
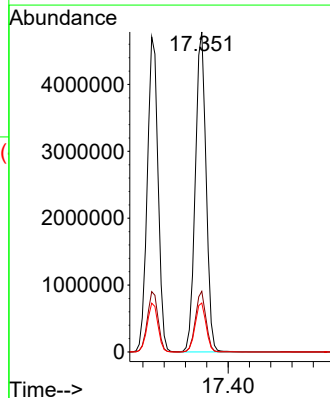
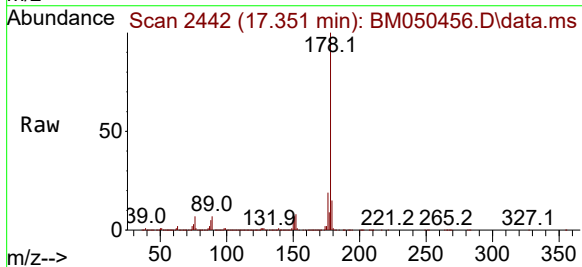
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

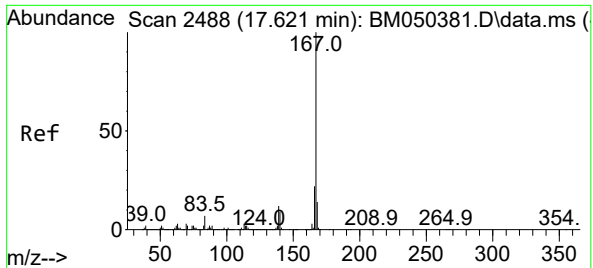
Tgt Ion:178 Resp: 6619627
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 42.320 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:178 Resp: 6692575
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.3 12.2 18.4

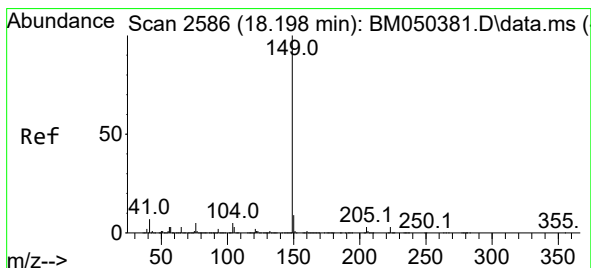
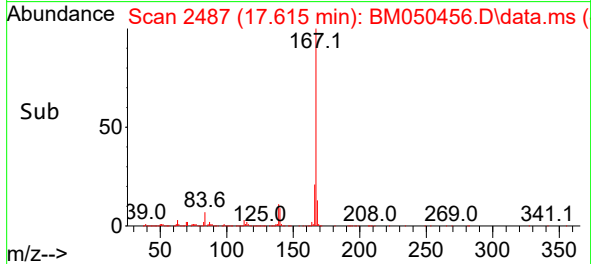
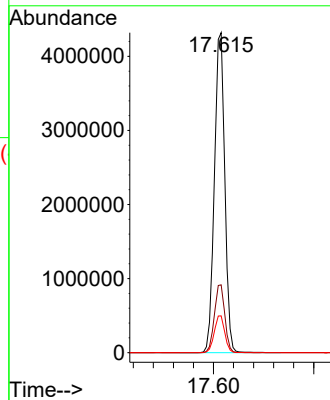
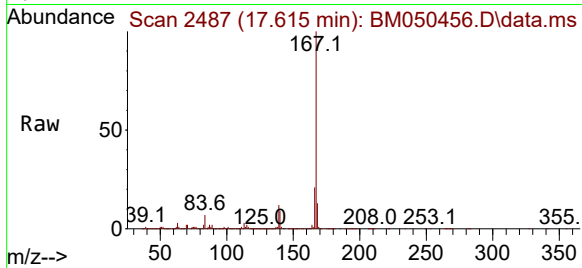




#73
Carbazole
Concen: 43.312 ng
RT: 17.615 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

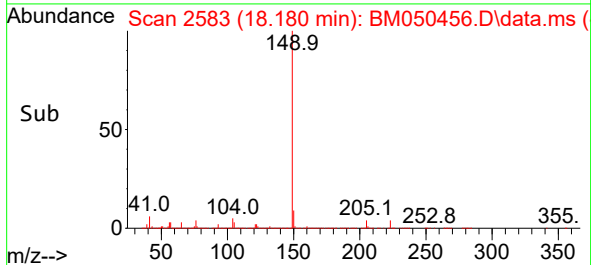
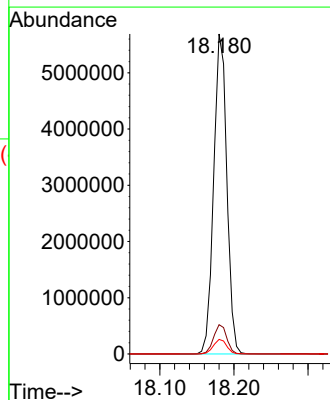
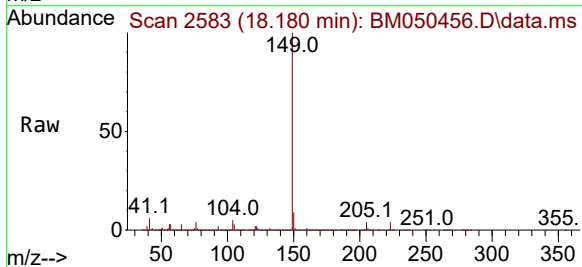
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

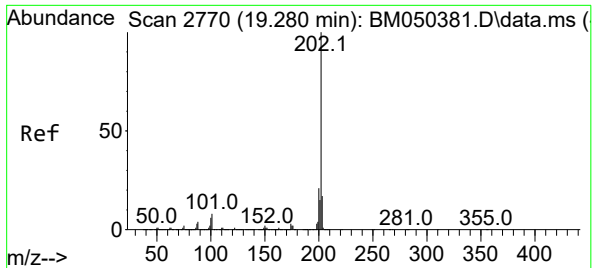
Tgt Ion:167 Resp: 6197472
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.5 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.657 ng
RT: 18.180 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:149 Resp: 6994092
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.9 5.9

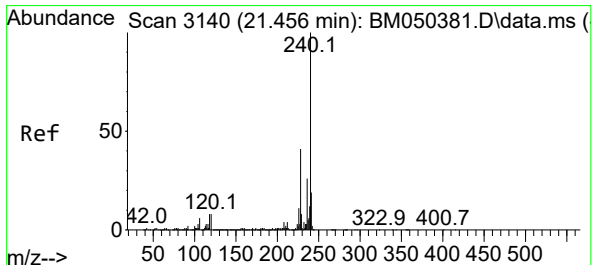
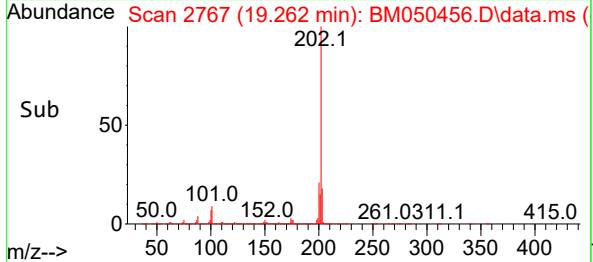
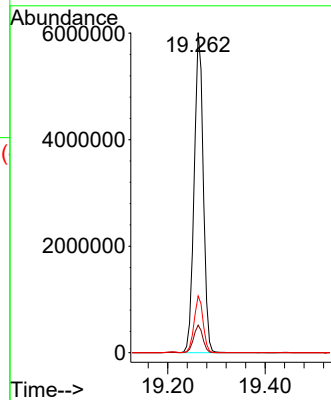
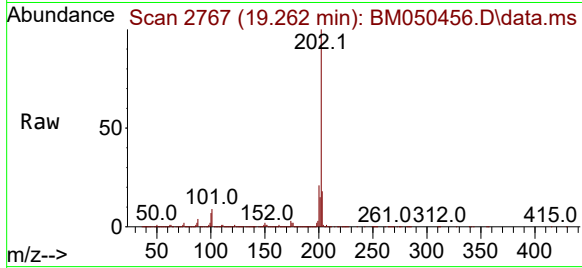




#75
Fluoranthene
Concen: 45.168 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

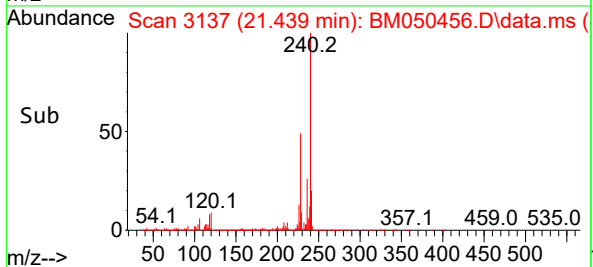
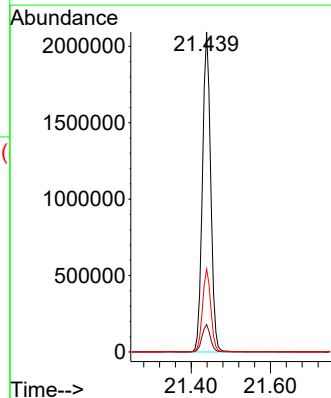
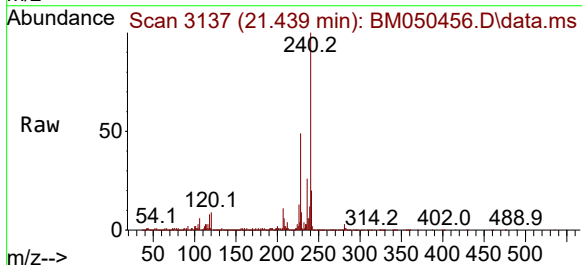
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

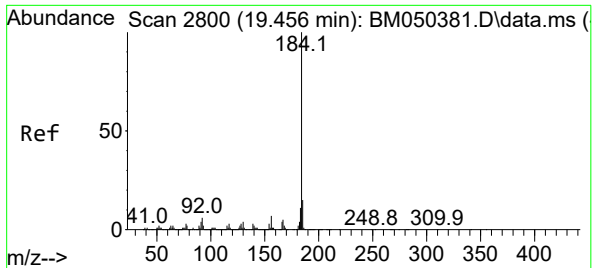
Tgt Ion:202 Resp: 7801051
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.3
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:240 Resp: 3021882
Ion Ratio Lower Upper
240 100
120 8.5 6.7 10.1
236 25.9 20.7 31.1

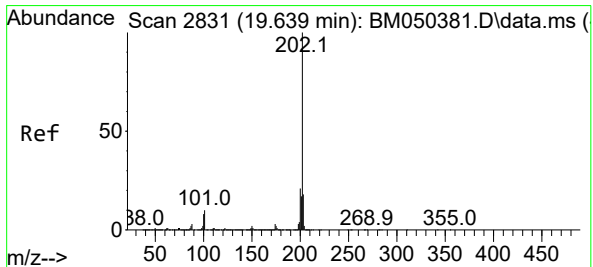
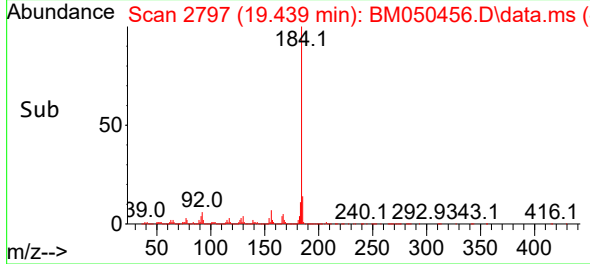
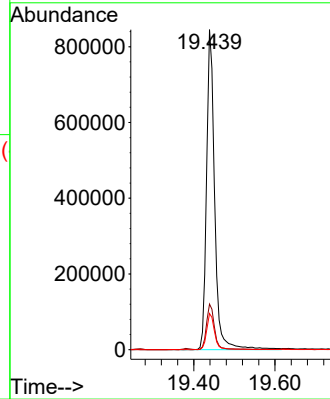
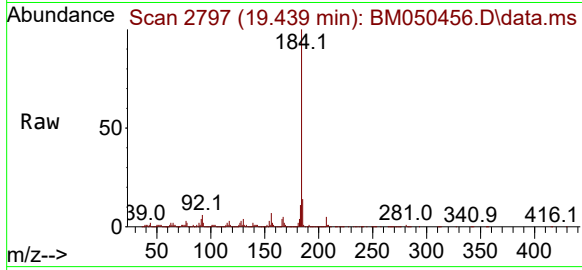




#77
Benzidine
Concen: 15.203 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

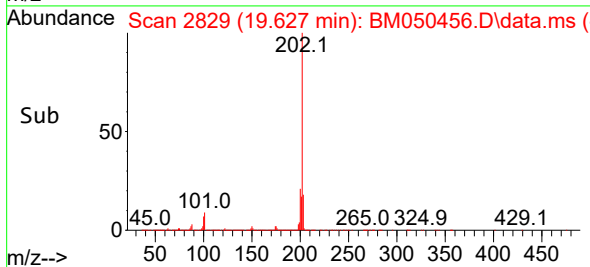
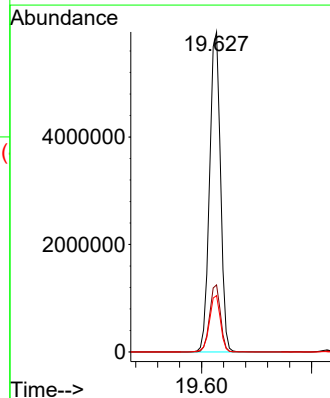
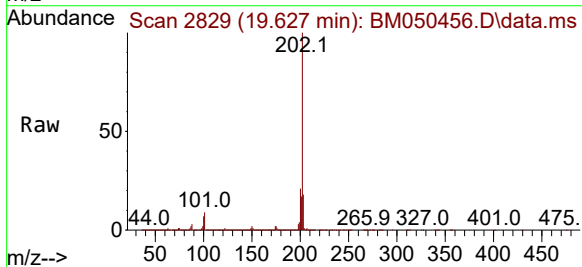
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

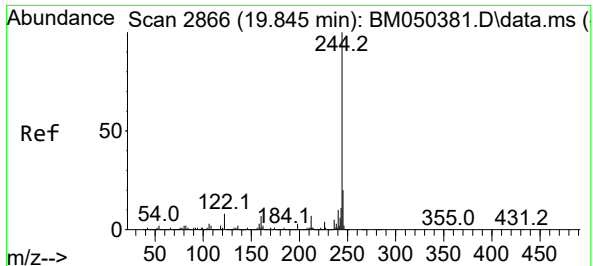
Tgt Ion:184 Resp: 1171840
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.3 9.0 13.6



#78
Pyrene
Concen: 42.192 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:202 Resp: 8165660
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.6 14.1 21.1

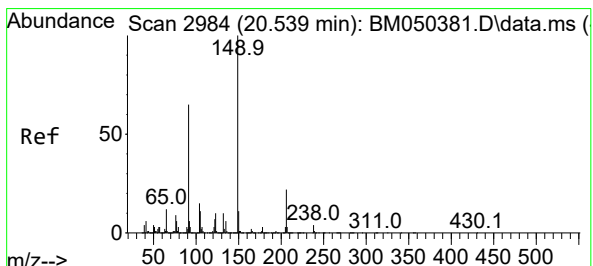
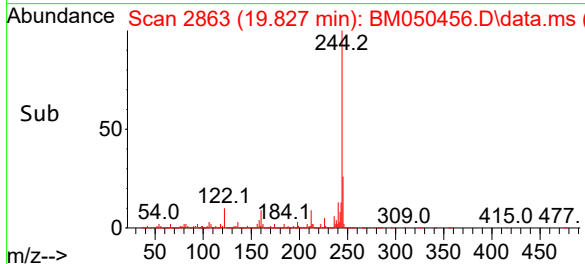
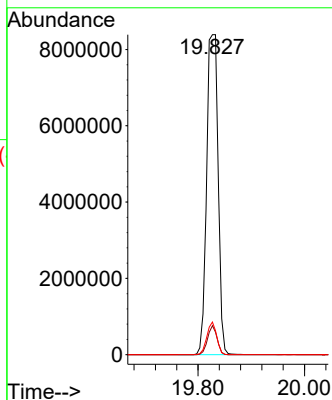
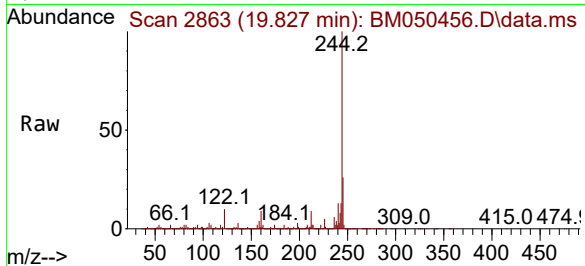




#79
Terphenyl-d14
Concen: 72.919 ng
RT: 19.827 min Scan# 2863
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

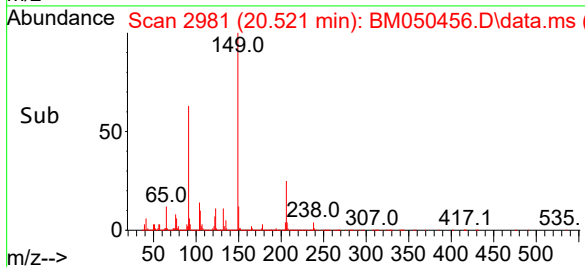
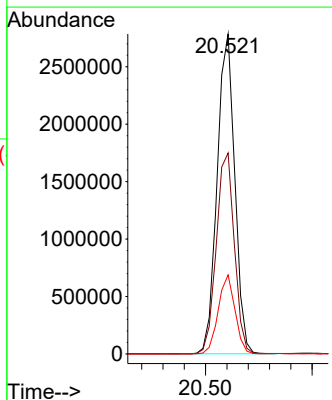
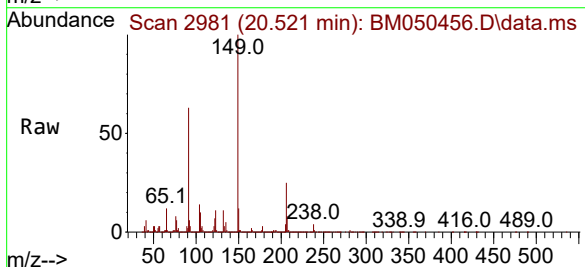
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

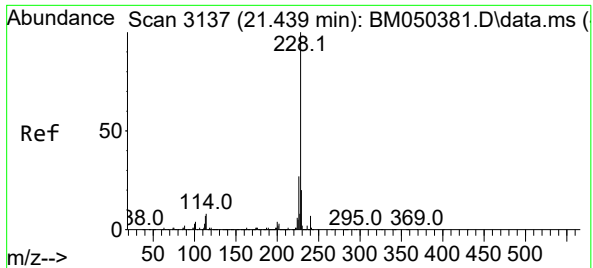
Tgt Ion:244 Resp:12523957
Ion Ratio Lower Upper
244 100
212 9.0 5.7 8.5#
122 10.2 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 50.043 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:149 Resp: 3193473
Ion Ratio Lower Upper
149 100
91 62.8 51.6 77.4
206 24.7 17.8 26.8

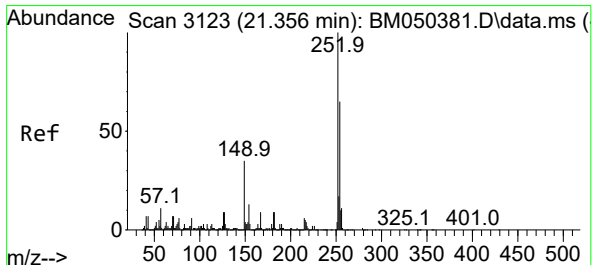
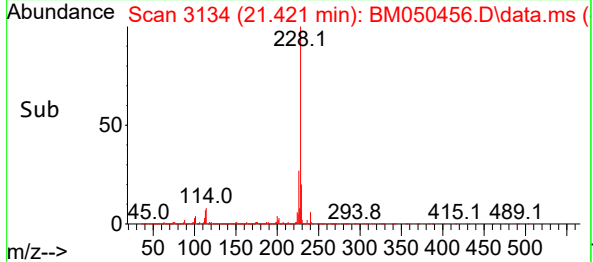
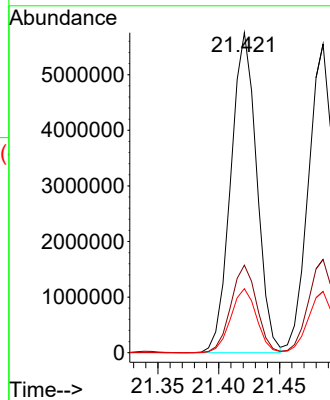
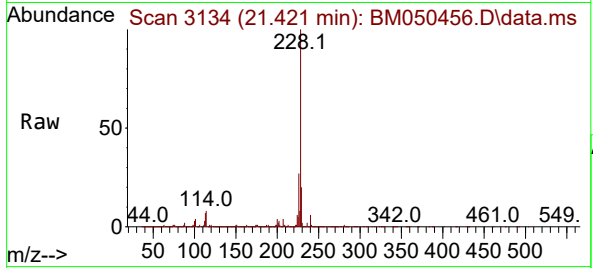




#81
Benzo(a)anthracene
Concen: 43.209 ng
RT: 21.421 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

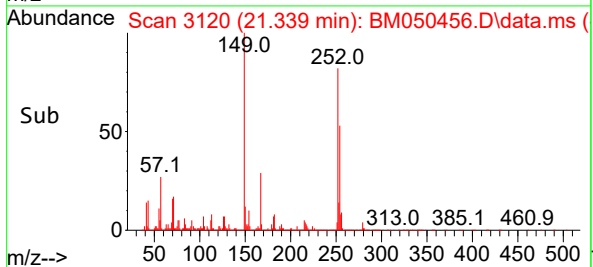
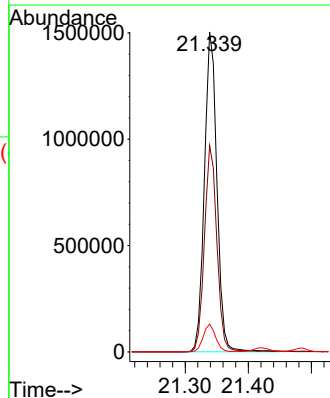
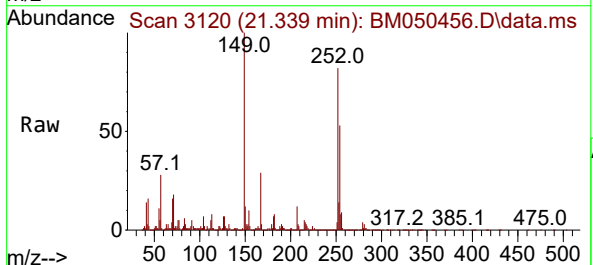
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

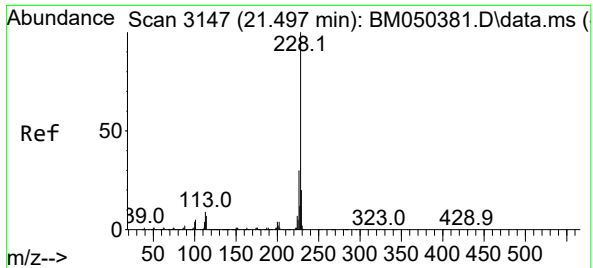
Tgt Ion:228 Resp: 8507761
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.170 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:252 Resp: 2069707
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 8.7 7.3 10.9

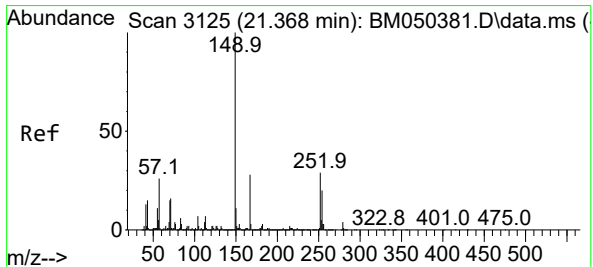
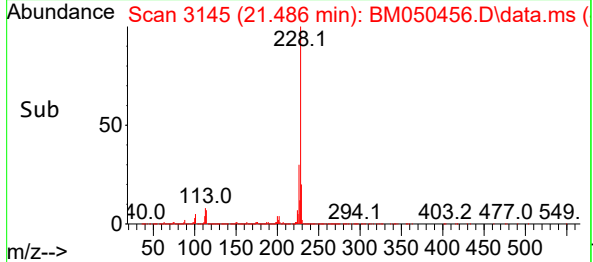
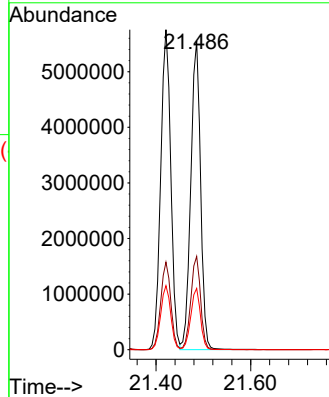
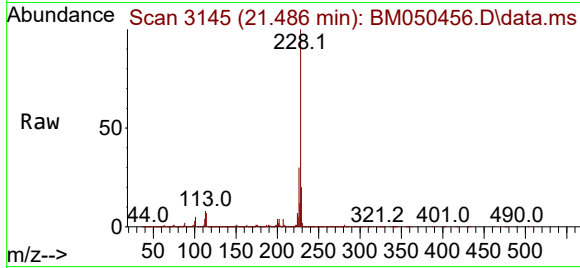




#83
Chrysene
Concen: 42.852 ng
RT: 21.486 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

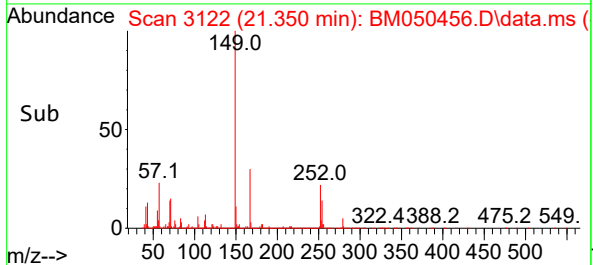
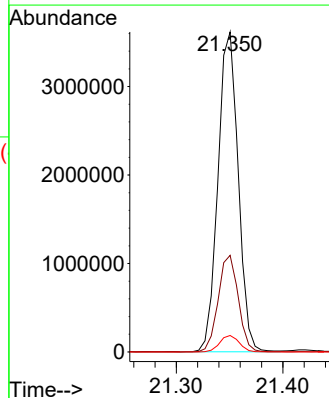
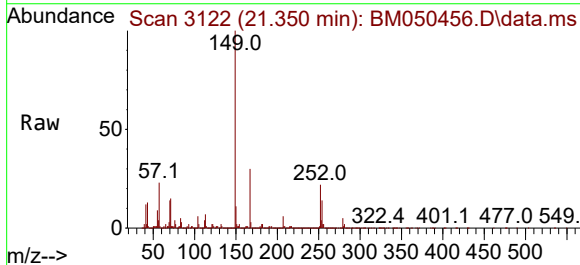
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

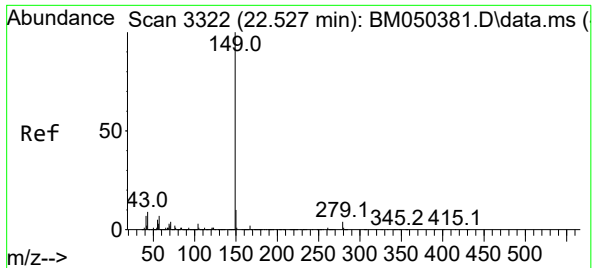
Tgt Ion:228 Resp: 7958393
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.905 ng
RT: 21.350 min Scan# 3122
Delta R.T. -0.018 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:149 Resp: 4751750
Ion Ratio Lower Upper
149 100
167 30.2 22.7 34.1
279 5.2 3.5 5.3

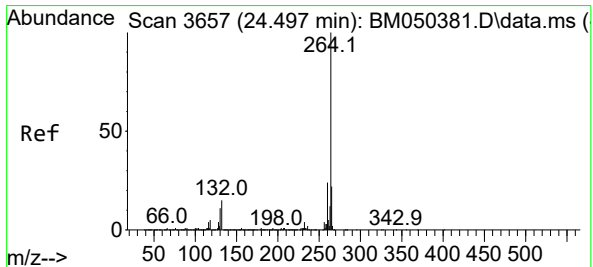
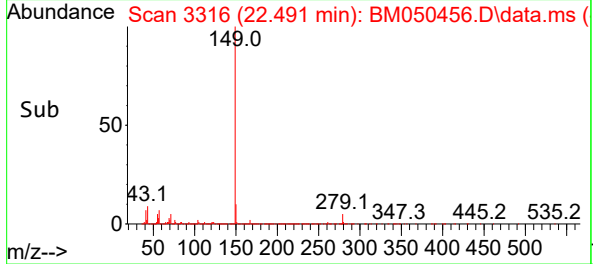
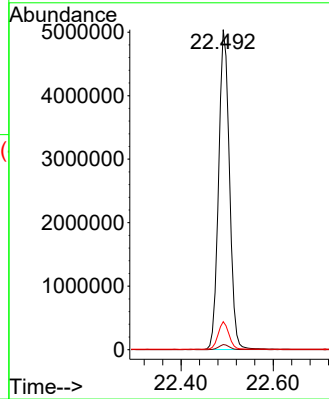
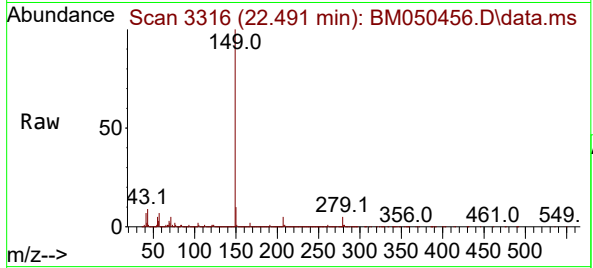




#85
Di-n-octyl phthalate
Concen: 51.529 ng
RT: 22.491 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

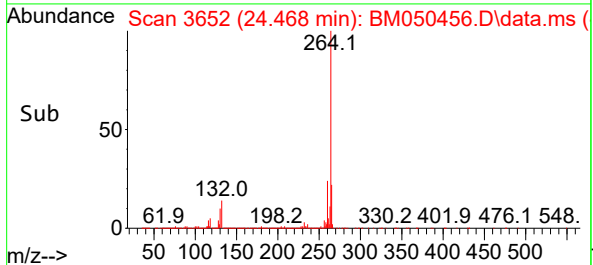
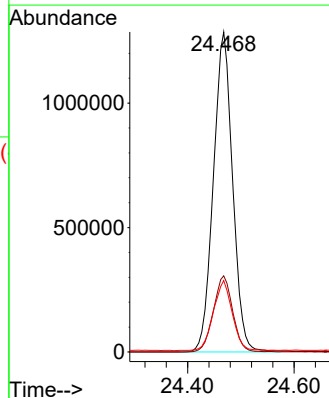
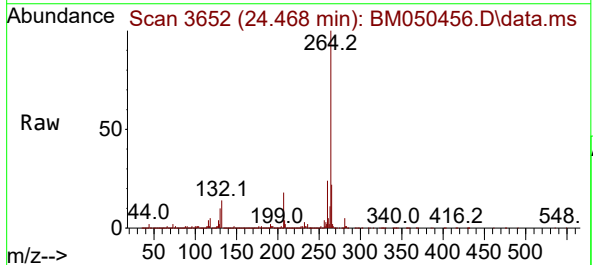
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

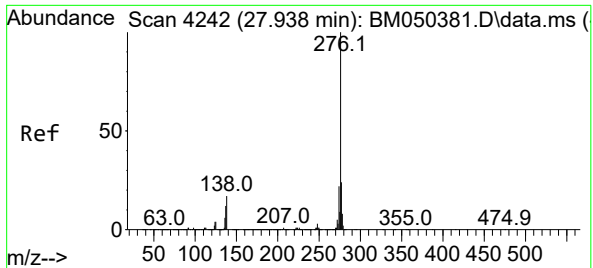
Tgt Ion:149 Resp: 8175865
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:264 Resp: 3215714
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.3 17.8 26.6

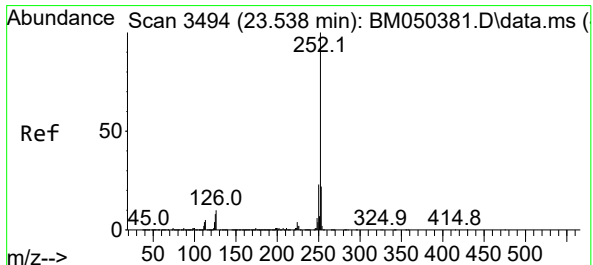
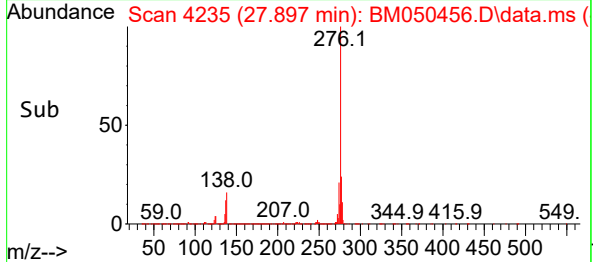
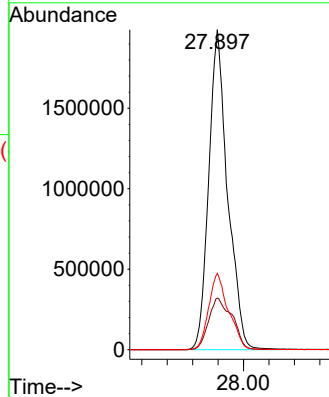
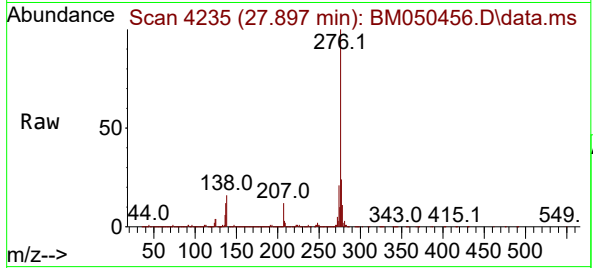




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.739 ng
RT: 27.897 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

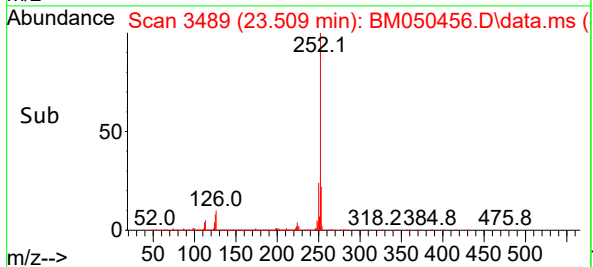
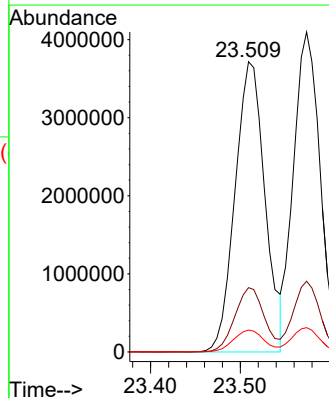
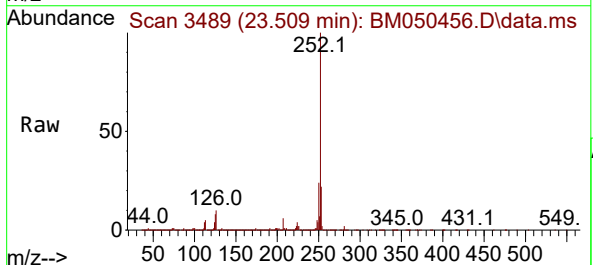
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

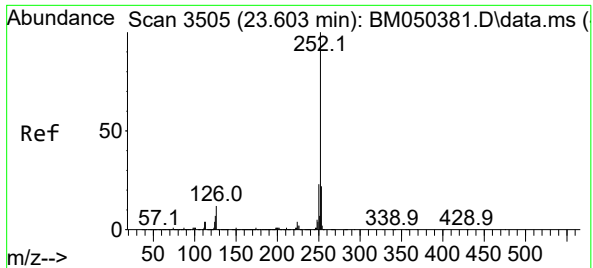
Tgt Ion:276 Resp:10228808
Ion Ratio Lower Upper
276 100
138 20.2 17.0 25.6
277 25.1 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 43.524 ng
RT: 23.509 min Scan# 3489
Delta R.T. -0.029 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:252 Resp: 8609026
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 41.256 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

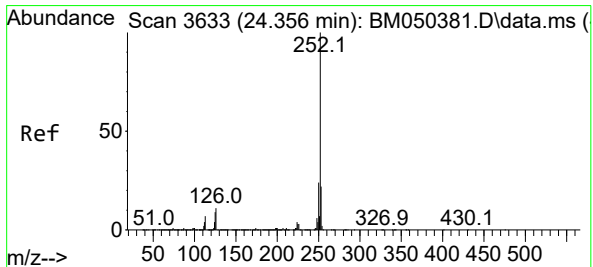
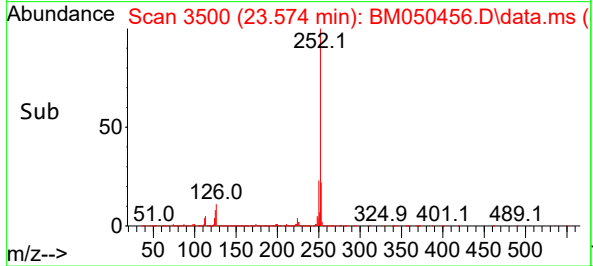
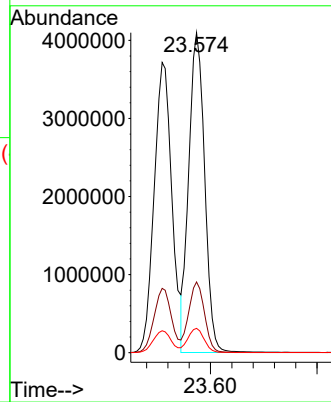
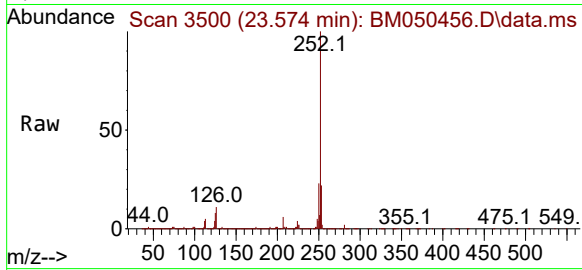
Tgt Ion:252 Resp: 8467463

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 7.6 6.2 9.2



#90

Benzo(a)pyrene

Concen: 43.684 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.029 min

Lab File: BM050456.D

Acq: 15 Jul 2025 15:31

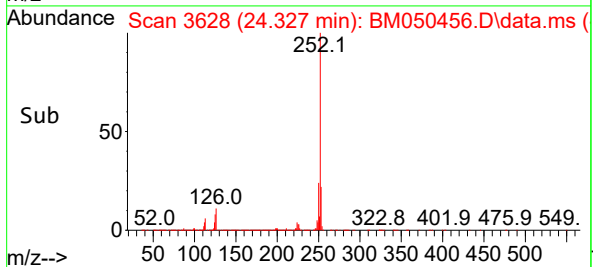
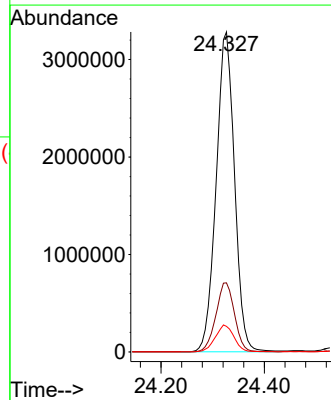
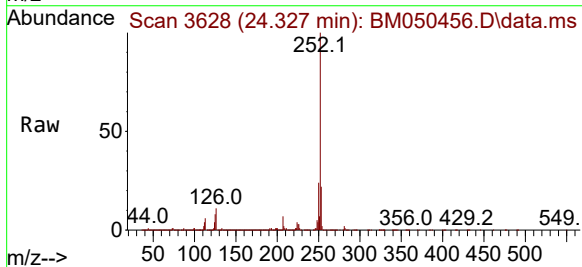
Tgt Ion:252 Resp: 8088464

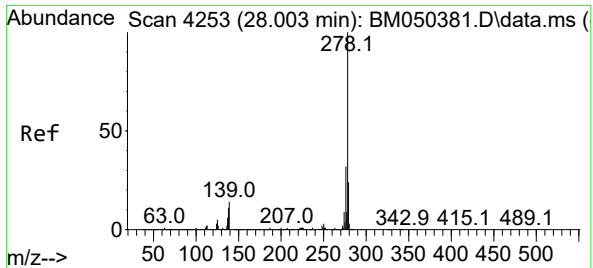
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 8.0 7.0 10.4

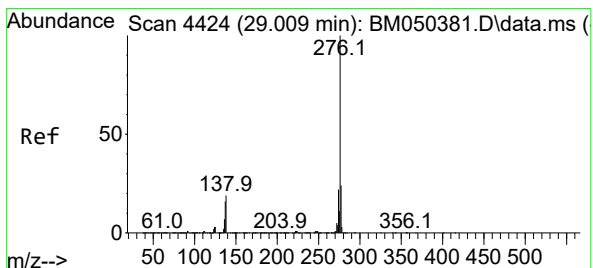
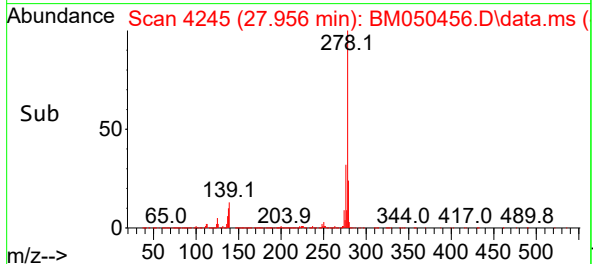
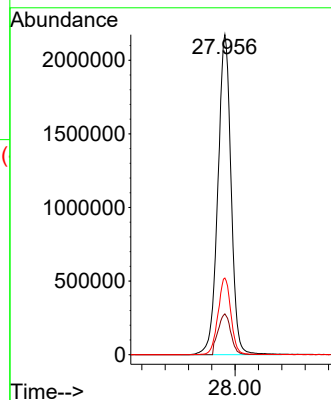
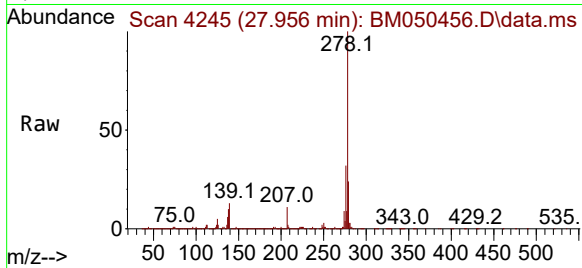




#91
Dibenzo(a,h)anthracene
Concen: 44.237 ng
RT: 27.956 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

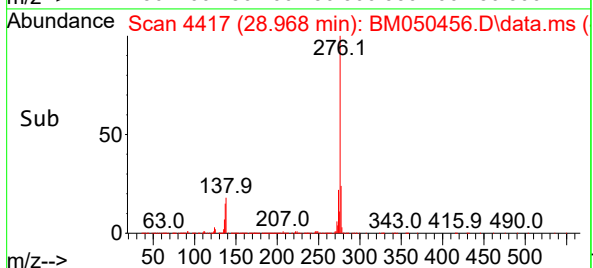
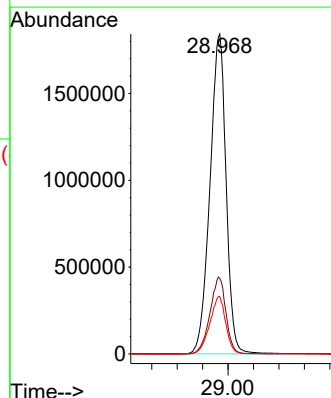
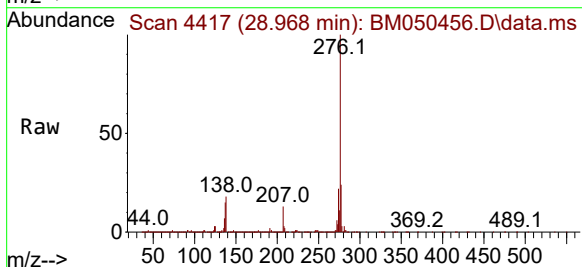
Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion:278 Resp: 8517741
Ion Ratio Lower Upper
278 100
139 12.8 10.8 16.2
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 44.553 ng
RT: 28.968 min Scan# 4417
Delta R.T. -0.041 min
Lab File: BM050456.D
Acq: 15 Jul 2025 15:31

Tgt Ion:276 Resp: 8107902
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 18.0 14.9 22.3



Manual Integration Report

Sequence:

BM070925

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM050379.D	Benzaldehyde	Rahul	7/9/2025 9:47:39 AM	Jagrut	7/9/2025 2:15:18 PM	Peak Integrated by Software
SSTDICC020	BM050380.D	Benzaldehyde	Rahul	7/9/2025 9:47:42 AM	Jagrut	7/9/2025 2:15:21 PM	Peak Integrated by Software
SSTDICCC040	BM050381.D	Benzaldehyde	Rahul	7/9/2025 9:47:45 AM	Jagrut	7/9/2025 2:15:23 PM	Peak Integrated by Software
SSTDICC050	BM050382.D	Benzaldehyde	Rahul	7/9/2025 9:47:47 AM	Jagrut	7/9/2025 2:15:25 PM	Peak Integrated by Software
SSTDICV040	BM050385.D	Benzaldehyde	Rahul	7/9/2025 9:47:50 AM	Jagrut	7/9/2025 2:15:28 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BM071525

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168845BS	BM050449.D	Acenaphthene	Rahul	7/16/2025 11:45:26 AM	Jagrut	7/16/2025 1:40:16 PM	Peak Integrated by Software
Q2571-04MSD	BM050456.D	Acenaphthene	Rahul	7/16/2025 11:45:34 AM	Jagrut	7/16/2025 1:40:23 PM	Peak Integrated by Software

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S12673,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050376.D	08 Jul 2025 11:59	RC/JU	Ok
2	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39	RC/JU	Ok
3	SSTDICC005	BM050378.D	08 Jul 2025 13:19	RC/JU	Ok
4	SSTDICC010	BM050379.D	08 Jul 2025 14:00	RC/JU	Ok,M
5	SSTDICC020	BM050380.D	08 Jul 2025 14:40	RC/JU	Ok,M
6	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	RC/JU	Ok,M
7	SSTDICC050	BM050382.D	08 Jul 2025 16:01	RC/JU	Ok,M
8	SSTDICC060	BM050383.D	08 Jul 2025 16:41	RC/JU	Ok
9	SSTDICC080	BM050384.D	08 Jul 2025 17:22	RC/JU	Ok
10	SSTDICV040	BM050385.D	08 Jul 2025 18:05	RC/JU	Ok,M
11	PB168722BL	BM050386.D	08 Jul 2025 19:26	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM071525

Review By	Rahul	Review On	7/16/2025 11:46:57 AM
Supervise By	Jagrut	Supervise On	7/16/2025 1:40:37 PM
SubDirectory	BM071525	HP Acquire Method	BNA_M
		HP Processing Method	bm070925
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12674,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050446.D	15 Jul 2025 08:11	RC/JU	Ok
2	SSTDCCC040	BM050447.D	15 Jul 2025 09:30	RC/JU	Ok
3	PB168845BL	BM050448.D	15 Jul 2025 10:10	RC/JU	Ok
4	PB168845BS	BM050449.D	15 Jul 2025 10:50	RC/JU	Ok,M
5	PB168803TB	BM050450.D	15 Jul 2025 11:30	RC/JU	Ok
6	Q2489-06	BM050451.D	15 Jul 2025 12:10	RC/JU	Ok,M
7	Q2489-05	BM050452.D	15 Jul 2025 12:50	RC/JU	Ok
8	Q2489-04	BM050453.D	15 Jul 2025 13:31	RC/JU	Dilution
9	Q2571-04	BM050454.D	15 Jul 2025 14:11	RC/JU	Ok
10	Q2571-04MS	BM050455.D	15 Jul 2025 14:51	RC/JU	Ok
11	Q2571-04MSD	BM050456.D	15 Jul 2025 15:31	RC/JU	Ok,M
12	Q2489-04DL	BM050457.D	15 Jul 2025 16:11	RC/JU	Ok
13	Q2571-08	BM050458.D	15 Jul 2025 16:51	RC/JU	Ok
14	Q2578-15	BM050459.D	15 Jul 2025 17:31	RC/JU	Ok
15	Q2578-19	BM050460.D	15 Jul 2025 18:11	RC/JU	Ok
16	Q2579-03	BM050461.D	15 Jul 2025 18:51	RC/JU	Ok
17	Q2579-07	BM050462.D	15 Jul 2025 19:31	RC/JU	Ok
18	Q2586-04	BM050463.D	15 Jul 2025 20:11	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM
SubDirectory	BM070925	HP Acquire Method	BNA_M
		HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/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	BM050376.D	08 Jul 2025 11:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050378.D	08 Jul 2025 13:19		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM050379.D	08 Jul 2025 14:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050380.D	08 Jul 2025 14:40		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	Compound#32,54,57,62,65 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050382.D	08 Jul 2025 16:01		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM050383.D	08 Jul 2025 16:41		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050384.D	08 Jul 2025 17:22	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBM070925	BM050385.D	08 Jul 2025 18:05	Comp#77 Failed from High side	RC/JU	Ok,M
11	PB168722BL	PB168722BL	BM050386.D	08 Jul 2025 19:26		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM071525

Review By	Rahul	Review On	7/16/2025 11:46:57 AM
Supervise By	Jagrut	Supervise On	7/16/2025 1:40:37 PM
SubDirectory	BM071525	HP Acquire Method	BNA_M
		HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BM050446.D	15 Jul 2025 08:11		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050447.D	15 Jul 2025 09:30		RC/JU	Ok
3	PB168845BL	PB168845BL	BM050448.D	15 Jul 2025 10:10		RC/JU	Ok
4	PB168845BS	PB168845BS	BM050449.D	15 Jul 2025 10:50		RC/JU	Ok,M
5	PB168803TB	PB168803TB	BM050450.D	15 Jul 2025 11:30		RC/JU	Ok
6	Q2489-06	G2(6-12)	BM050451.D	15 Jul 2025 12:10		RC/JU	Ok,M
7	Q2489-05	G2(0-6)	BM050452.D	15 Jul 2025 12:50		RC/JU	Ok
8	Q2489-04	G3(6-12)	BM050453.D	15 Jul 2025 13:31	Need 10X dilution	RC/JU	Dilution
9	Q2571-04	TP-18	BM050454.D	15 Jul 2025 14:11		RC/JU	Ok
10	Q2571-04MS	TP-18MS	BM050455.D	15 Jul 2025 14:51		RC/JU	Ok
11	Q2571-04MSD	TP-18MSD	BM050456.D	15 Jul 2025 15:31		RC/JU	Ok,M
12	Q2489-04DL	G3(6-12)DL	BM050457.D	15 Jul 2025 16:11		RC/JU	Ok
13	Q2571-08	TP-17	BM050458.D	15 Jul 2025 16:51		RC/JU	Ok
14	Q2578-15	WC-A2-11-C	BM050459.D	15 Jul 2025 17:31		RC/JU	Ok
15	Q2578-19	WC-A2-12-C	BM050460.D	15 Jul 2025 18:11		RC/JU	Ok
16	Q2579-03	WC-A2-13-C	BM050461.D	15 Jul 2025 18:51		RC/JU	Ok
17	Q2579-07	WC-A2-14-C	BM050462.D	15 Jul 2025 19:31		RC/JU	Ok
18	Q2586-04	TP-16	BM050463.D	15 Jul 2025 20:11		RC/JU	Ok

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM071525

Review By	Rahul	Review On	7/16/2025 11:46:57 AM		
Supervise By	Jagrut	Supervise On	7/16/2025 1:40:37 PM		
SubDirectory	BM071525	HP Acquire Method	BNA_M	HP Processing Method	bm070925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S12674,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 07/11/2025 Time : 16:30
Weigh By :	JP	End Prep Date : 07/12/2025 Time : 10:35
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A <i>JP</i>
Extraction By :	JP	Initial Room Temperature: 24 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <i>JP</i>
Tumbler ID :	T-1 / T-2	Supervisor By : <i>JP</i>
TCLP Filter ID :	115525	

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Particle size reduction is not required. q2586-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/11/25 10:00	<i>JP</i> <i>ICD Room</i>	<i>JP</i> <i>EL</i> <i>1 Ex</i>
	Preparation Group	Analysis Group <i>104 day</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168803TB	LEB803	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2561-07	AUD-25-0117	01	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2565-06	MOO-25-0194-0195	02	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2565-07	MOO-25-0191	03	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2565-08	MOO-25-0196	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2565-09	MOO-25-0180	05	100.04	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2571-04	TP-18	06	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2571-08	TP-17	07	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2578-03	WC-A5-01-C	08	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-07	WC-A2-09-C	09	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-1
Q2578-11	WC-A2-10-C	10	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-15	WC-A2-11-C	11	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
Q2578-19	WC-A2-12-C	12	100.04	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2579-03	WC-A2-13-C	13	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2579-07	WC-A2-14-C	14	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2586-04	TP-16	15	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168803TB	LEB803	N/A	N/A	N/A	N/A	N/A	N/A
Q2561-07	AUD-25-0117	N/A	N/A	N/A	N/A	100	N/A
Q2565-06	MOO-25-0194-0195	N/A	N/A	N/A	N/A	100	N/A
Q2565-07	MOO-25-0191	N/A	N/A	N/A	N/A	100	N/A
Q2565-08	MOO-25-0196	N/A	N/A	N/A	N/A	100	N/A
Q2565-09	MOO-25-0180	N/A	N/A	N/A	N/A	100	N/A
Q2571-04	TP-18	N/A	N/A	N/A	N/A	100	N/A
Q2571-08	TP-17	N/A	N/A	N/A	N/A	100	N/A
Q2578-03	WC-A5-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-07	WC-A2-09-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-11	WC-A2-10-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-15	WC-A2-11-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-19	WC-A2-12-C	N/A	N/A	N/A	N/A	100	N/A
Q2579-03	WC-A2-13-C	N/A	N/A	N/A	N/A	100	N/A
Q2579-07	WC-A2-14-C	N/A	N/A	N/A	N/A	100	N/A
Q2586-04	TP-16	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168803TB	LEB803	N/A	N/A	N/A	N/A	#1	4.94
Q2561-07	AUD-25-0117	5.02	96.5	9.3	4.0	#1	4.94
Q2565-06	MOO-25-0194-0195	5.03	96.5	5.5	1.5	#1	4.94
Q2565-07	MOO-25-0191	5.02	96.5	6.0	2.0	#1	4.94
Q2565-08	MOO-25-0196	5.03	96.5	6.4	2.0	#1	4.94
Q2565-09	MOO-25-0180	5.02	96.5	6.6	2.5	#1	4.94
Q2571-04	TP-18	5.01	96.5	9.2	4.0	#1	4.94
Q2571-08	TP-17	5.02	96.5	9.0	4.0	#1	4.94
Q2578-03	WC-A5-01-C	5.02	96.5	11.5	4.5	#1	4.94
Q2578-07	WC-A2-09-C	5.03	96.5	11.0	4.0	#1	4.94
Q2578-11	WC-A2-10-C	5.02	96.5	11.5	4.5	#1	4.94
Q2578-15	WC-A2-11-C	5.01	96.5	11.5	4.5	#1	4.94
Q2578-19	WC-A2-12-C	5.02	96.5	12.0	4.5	#1	4.94
Q2579-03	WC-A2-13-C	5.03	96.5	11.5	4.0	#1	4.94
Q2579-07	WC-A2-14-C	5.04	96.5	12.0	4.5	#1	4.94
Q2586-04	TP-16	5.03	96.5	9.1	4.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q2586

WorkList ID : 190676

Department : TCLP Extraction

Date : 07-11-2025 13:41:31

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2561-07	AUD-25-0117	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	O21	07/10/2025	1311
Q2565-06	MOO-25-0194-0195	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2565-07	MOO-25-0191	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2565-08	MOO-25-0196	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2565-09	MOO-25-0180	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2571-04	TP-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2571-08	TP-17	Solid	TCLP Extraction	Cool 4 deg C	PSEG03		07/10/2025	1311
Q2578-03	WC-A5-01-C	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	O22	07/10/2025	1311
Q2578-07	WC-A2-09-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2578-11	WC-A2-10-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2578-15	WC-A2-11-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2578-19	WC-A2-12-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2579-03	WC-A2-13-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2579-07	WC-A2-14-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	D41	07/10/2025	1311
Q2586-04	TP-16	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	07/11/2025	1311

Date/Time 07/11/25 13:50

Raw Sample Received by: SLC

Raw Sample Relinquished by: RMCC

Date/Time 07/11/25

Raw Sample Received by: RMCC

Raw Sample Relinquished by: SLC

18:00

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	07/14/2025
Matrix :	Water	Extraction Start Time :	10:40
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	Extraction End Date :	07/14/2025
pH Strip Lot#:	E3880	Extraction End Time :	15:45
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
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	E3954
Baked Na2SO4	N/A	EP2624
H2SO4 1:1	N/A	EP2610
10N NaOH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

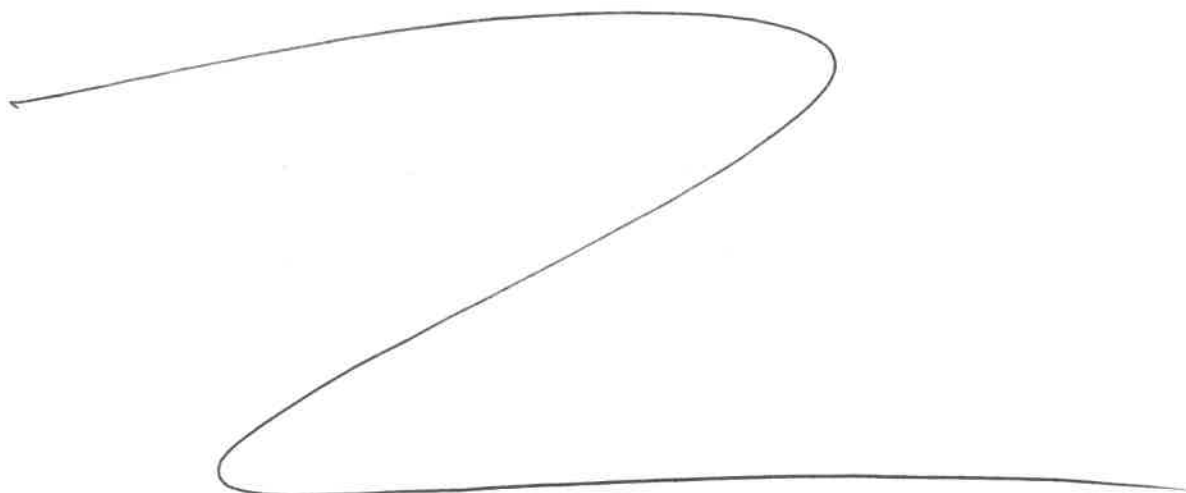
KD Bath ID:	WATER BATH-1,2	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/14/25 / 16:30	RS (Ext Lab)	JH SVOC
15:40	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 07/14/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168803TB	PB168803TB	TCLP BNA	100	6	RUPESEH	Evelyn	1			SEP-1
PB168845BL	PB168845BL	TCLP BNA	1000	6	RUPESEH	Evelyn	1			2
PB168845BS	PB168845BS	TCLP BNA	1000	6	RUPESEH	Evelyn	1			3
Q2571-04	TP-18	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		4
Q2571-04MS	TP-18MS	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		5
Q2571-04MS D	TP-18MSD	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		6
Q2571-08	TP-17	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		7
Q2578-03	WC-A5-01-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		8
Q2578-07	WC-A2-09-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		9
Q2578-11	WC-A2-10-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		10
Q2578-15	WC-A2-11-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		11
Q2578-19	WC-A2-12-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		12
Q2579-03	WC-A2-13-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		13
Q2579-07	WC-A2-14-C	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		14
Q2586-04	TP-16	TCLP BNA	100	6	RUPESEH	Evelyn	1	A		15



RS
7/14

* Extracts relinquished on the same date as received.

TCLP EXTRACTION LOGPAGE

PB168803

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168803TB	LEB803	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2561-07	AUD-25-0117	01	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2565-06	MOO-25-0194-0195	02	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2565-07	MOO-25-0191	03	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2565-08	MOO-25-0196	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2565-09	MOO-25-0180	05	100.04	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2571-04	TP-18	06	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2571-08	TP-17	07	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2578-03	WC-A5-01-C	08	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-07	WC-A2-09-C	09	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-1
Q2578-11	WC-A2-10-C	10	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-15	WC-A2-11-C	11	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
Q2578-19	WC-A2-12-C	12	100.04	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2579-03	WC-A2-13-C	13	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2579-07	WC-A2-14-C	14	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2586-04	TP-16	15	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-2

07/14/2025
10:00



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 2579

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH *	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

* For TCLP pH -
include preparatory
information for TCLP
leachate

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*

HARD COPY: 3 DAYS*

EDD 3 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A2-13-G	Soil		X	7/10	12:00	1	X									
2.	WC-A2-13-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-14-G	Soil		X	7/10	12:00	1	X									
4.	WC-A2-14-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 7/10/25 1350	RECEIVED BY 	1350 7-10-25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp. 41.4° ☐ Ice in Cooler?:
RELINQUISHED BY	DATE/TIME	RECEIVED BY		Comments:
2.				
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY		
3.	7-10-25 1520			

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2579

COC Number: 2042113

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CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION																			
COMPANY: ENTACT, LLC		PROJECT NAME: 540 Degraw St Brooklyn, NY		BILL TO: ENTACT, LLC					PO# E9309														
ADDRESS: 150 Bay Street, Suite 806		PROJECT #: E9309 LOCATION: Brooklyn, NY		ADDRESS: 999 Oakmont Plaza Drive, Suite 300																			
CITY Jersey City STATE: NJ ZIP: 07302		PROJECT MANAGER: Austin Farmerie		CITY: Westmont					STATE: IL ZIP: 60559														
ATTENTION: Austin Farmerie		E-MAIL: afarmerie@entact.com		ATTENTION: Wendy Murray					PHONE: 800-936-8228														
PHONE: 412-716-1366 FAX:		PHONE: 412-716-1366 FAX:		ANALYSIS																			
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		PRESERVATIVES																			
FAX: 3 DAYS* HARD COPY: 3 DAYS* EDD 3 DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		☐ RESEULTS ONLY ☐ RESULTS + QC ☐ New Jersey REDUCED ☐ New Jersey CLP ☐ EDD Format		☐ USEPA CLP ☐ New York State ASP "B" ☐ New York State ASP "A" ☐ Other		ASTM COD ASTM Ammonia Nitrogen ASTM O&G ASTM TS TS, TVS pH (9045D) Paint Filter																	
				COMMENTS																			
CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		E E E E E E E											
						COMP GRAB		DATE TIME				1 2 3 4 5 6 7 8 9											
1.		WC-A2-13-G		Soil				X		7/10 12:00		1											
2.		WC-A2-13-C		Soil		X				7/10 12:00		11		X X X X X X X									
3.		WC-A2-14-G		Soil				X		7/10 12:00		1											
4.		WC-A2-14-C		Soil		X				7/10 12:00		11		X X X X X X X									
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY.																							
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		1350		Conditions of bottles or coolers at receipt:		☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4°C		☐ Ice in Cooler?											
1. Austin Farmerie		7/10/25		1350		7-10-25		Comments:															
RELINQUISHED BY		DATE/TIME		RECEIVED BY																			
2.																							
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY				SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight		ALLIANCE: ☐ Picked Up ☐ Overnight		Shipment Complete											
3.		7-10-25		3.				Page _____ of _____				☐ YES ☐ NO											
WHITE - ALLIANCE COPY FOR RETURN TO CLIENT														YELLOW - ALLIANCE COPY									
PINK - SAMPLER COPY																							

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488