

Cover Page

Order ID : Q1945

Project ID : Amsterdam

Client : G Environmental

Lab Sample Number

Q1945-01
Q1945-02

Client Sample Number

GB1W
GB3W

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

Signature : _____

Date: 5/10/2025

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 #: Q1945

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/10/2025

LAB CHRONICLE

OrderID:	Q1945	OrderDate:	5/2/2025 11:14:00 AM
Client:	G Environmental	Project:	Amsterdam
Contact:	Gary Landis	Location:	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	GB1W	Water			05/02/25			05/02/25
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-01DL	GB1WDL	Water			05/02/25			05/02/25
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-02	GB3W	Water			05/02/25			05/02/25
			SVOCMS Group1	8270E		05/07/25	05/07/25	
Q1945-02DL	GB3WDL	Water			05/02/25			05/02/25
			SVOCMS Group1	8270E		05/07/25	05/07/25	

Hit Summary Sheet SW-846

SDG No.: Q1945
Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : GB1W									
Q1945-01	GB1W	WATER	Caprolactam		140.000	E	1.2	10.4	ug/L
			Total Svoc :		140.00				
Q1945-01	GB1W	WATER	Ethanol, 1-(2-butoxyethoxy)-	*	14.300	J	0	0	ug/L
Q1945-01	GB1W	WATER	n-Hexadecanoic acid	*	14.600	J	0	0	ug/L
Q1945-01	GB1W	WATER	Octadecanoic acid	*	5.400	J	0	0	ug/L
Q1945-01	GB1W	WATER	unknown16.598	*	4.100	J	0	0	ug/L
Q1945-01	GB1W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	4.300	AB	0	0	ug/L
Q1945-01	GB1W	WATER	Benzophenone	*	3.900	J	0	0	ug/L
			Total Tics :		46.60				
			Total Concentration:		186.60				
Client ID : GB1WDL									
Q1945-01DL	GB1WDL	WATER	Caprolactam		120.000	D	5.9	52.1	ug/L
			Total Svoc :		120.00				
			Total Concentration:		120.00				
Client ID : GB3W									
Q1945-02	GB3W	WATER	Caprolactam		190.000	E	1.3	11.9	ug/L
			Total Svoc :		190.00				
Q1945-02	GB3W	WATER	Benzene, (2-methyl-1-butenyl)-	*	4.700	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, 1-ethyl-2,4-dimethyl-	*	5.900	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, 1-methyl-2-(2-propenyl)-	*	8.700	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzene, pentamethyl-	*	4.800	J	0	0	ug/L
Q1945-02	GB3W	WATER	Benzophenone	*	6.800	J	0	0	ug/L
Q1945-02	GB3W	WATER	1H-Inden-1-one, 2,3-dihydro-	*	6.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	1H-Indene, 2,3-dihydro-4,7-dimet	*	4.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	1-Hydroxy-4-methyl-2-oxo-1,2-di	*	6.100	J	0	0	ug/L
Q1945-02	GB3W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.000	AB	0	0	ug/L
Q1945-02	GB3W	WATER	Carbonic acid, eicosyl vinyl ester	*	5.100	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 1,6,7-trimethyl-	*	5.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 2,3,6-trimethyl-	*	5.300	J	0	0	ug/L
Q1945-02	GB3W	WATER	Naphthalene, 2,7-dimethyl-	*	6.600	J	0	0	ug/L
Q1945-02	GB3W	WATER	n-Hexadecanoic acid	*	15.500	J	0	0	ug/L
Q1945-02	GB3W	WATER	Octadecanoic acid	*	5.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane	*	5.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane, 2-methyl-	*	7.400	J	0	0	ug/L
Q1945-02	GB3W	WATER	Tridecane, 3-methyl-	*	17.600	J	0	0	ug/L
Q1945-02	GB3W	WATER	unknown12.398	*	8.000	J	0	0	ug/L
Q1945-02	GB3W	WATER	unknown12.933	*	6.400	J	0	0	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: Q1945
Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :			144.70				
Total Concentration:			334.70				
Client ID :	GB3WDL						
Q1945-02DL	GB3WDL	WATER	Caprolactam	170.000	D 6.7	59.5	ug/L
Total Svoc :			170.00				
Total Concentration:			170.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q1945**

Client: **G Environmental**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167889BL	PB167889BL	2-Fluorophenol	150	134	90		15 (10)	110 (139)
		Phenol-d6	150	128	85		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.9	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.6	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
		Terphenyl-d14	100	92.2	92		30 (48)	130 (125)
PB167889BS	PB167889BS	2-Fluorophenol	150	127	85		15 (10)	110 (139)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	74.0	74		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.1	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	79.2	79		30 (48)	130 (125)
PB167889BSD	PB167889BSD	2-Fluorophenol	150	134	89		15 (10)	110 (139)
		Phenol-d6	150	129	86		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.3	78		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.2	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	131	87		15 (44)	110 (137)
		Terphenyl-d14	100	85.8	86		30 (48)	130 (125)
Q1945-01	GB1W	2-Fluorophenol	150	72.9	49		15 (10)	110 (139)
		Phenol-d6	150	45.5	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	84.8	85		30 (49)	130 (133)
		2-Fluorobiphenyl	100	80.9	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	107		15 (44)	110 (137)
		Terphenyl-d14	100	92.5	92		30 (48)	130 (125)
Q1945-01DL	GB1WDL	2-Fluorophenol	150	71.2	47		15 (10)	110 (139)
		Phenol-d6	150	39.7	26		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.4	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	134	89		15 (44)	110 (137)
		Terphenyl-d14	100	80.2	80		30 (48)	130 (125)
Q1945-02	GB3W	2-Fluorophenol	150	81.7	54		15 (10)	110 (139)
		Phenol-d6	150	54.3	36		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.4	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	105		15 (44)	110 (137)
		Terphenyl-d14	100	82.9	83		30 (48)	130 (125)
Q1945-02DL	GB3WDL	2-Fluorophenol	150	80.4	54		15 (10)	110 (139)
		Phenol-d6	150	50.8	34		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.2	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	75.4	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	134	89		15 (44)	110 (137)
		Terphenyl-d14	100	75.2	75		30 (48)	130 (125)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E

DataFile: BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167889BS	Benzaldehyde	50	23.0	ug/L	46				20 (10)	160 (162)	
	Aniline	50	28.0	ug/L	56				20 (10)	160 (130)	
	Phenol	50	42.9	ug/L	86				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	40.5	ug/L	81				70 (62)	130 (103)	
	2-Chlorophenol	50	42.6	ug/L	85				70 (70)	130 (117)	
	2-Methylphenol	50	41.7	ug/L	83				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	40.9	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	41.5	ug/L	83				70 (60)	130 (104)	
	3+4-Methylphenols	50	41.5	ug/L	83				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	39.6	ug/L	79				70 (57)	130 (107)	
	Hexachloroethane	50	40.2	ug/L	80				20 (76)	160 (118)	
	Nitrobenzene	50	42.3	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	39.9	ug/L	80				70 (61)	130 (102)	
	2-Nitrophenol	50	43.8	ug/L	88				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	42.9	ug/L	86				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	41.3	ug/L	83				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	43.0	ug/L	86				70 (66)	130 (115)	
	Naphthalene	50	40.9	ug/L	82				70 (64)	130 (107)	
	4-Chloroaniline	50	17.7	ug/L	35		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	41.9	ug/L	84				70 (69)	130 (101)	
	Caprolactam	50	37.4	ug/L	75				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	40.8	ug/L	82				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.9	ug/L	80				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	95.8	ug/L	96				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	44.8	ug/L	90				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.3	ug/L	89				70 (70)	130 (106)	
	1,1-Biphenyl	50	43.2	ug/L	86				70 (72)	130 (98)	
	2-Chloronaphthalene	50	42.9	ug/L	86				70 (59)	130 (106)	
	2-Nitroaniline	50	44.7	ug/L	89				70 (73)	130 (114)	
	Dimethylphthalate	50	41.2	ug/L	82				70 (64)	130 (103)	
	Acenaphthylene	50	42.3	ug/L	85				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	43.1	ug/L	86				70 (64)	130 (110)	
	3-Nitroaniline	50	24.8	ug/L	50		*		70 (28)	130 (100)	
	Acenaphthene	50	42.1	ug/L	84				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	79.6	ug/L	80				20 (36)	160 (166)	
	4-Nitrophenol	100	75.7	ug/L	76				20 (45)	160 (147)	
	Dibenzofuran	50	41.8	ug/L	84				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	42.9	ug/L	86				70 (60)	130 (115)	
	Diethylphthalate	50	40.0	ug/L	80				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				70 (61)	130 (104)	
	Fluorene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Nitroaniline	50	38.0	ug/L	76				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	44.5	ug/L	89				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.5	ug/L	91				70 (61)	130 (109)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E

DataFile: BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167889BS	4-Bromophenyl-phenylether	50	44.3	ug/L	89				70 (73)	130 (103)	
	Hexachlorobenzene	50	44.5	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	43.7	ug/L	87				70 (76)	130 (120)	
	Pentachlorophenol	100	95.9	ug/L	96				20 (47)	160 (114)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.9	ug/L	88				70 (65)	130 (110)	
	Carbazole	50	43.3	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	42.6	ug/L	85				70 (64)	130 (106)	
	Fluoranthene	50	42.4	ug/L	85				70 (64)	130 (110)	
	Pyrene	50	44.0	ug/L	88				70 (71)	130 (103)	
	Butylbenzylphthalate	50	43.8	ug/L	88				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	24.9	ug/L	50		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.8	ug/L	88				70 (62)	130 (107)	
	Chrysene	50	43.2	ug/L	86				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	42.8	ug/L	86				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	43.7	ug/L	87				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	43.5	ug/L	87				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	42.0	ug/L	84				70 (77)	130 (105)	
	Benzo(a)pyrene	50	43.9	ug/L	88				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	49.0	ug/L	98				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.2	ug/L	88				70 (72)	130 (101)	
	1,4-Dioxane	50	33.9	ug/L	68				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	41.9	ug/L	84				70 (63)	130 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E

DataFile: BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB167889BSD	Benzaldehyde	50	23.2	ug/L	46	1			20 (10)	160 (162)	20 (20)
	Aniline	50	27.0	ug/L	54	4			20 (10)	160 (130)	20 (20)
	Phenol	50	43.7	ug/L	87	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	3			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	43.7	ug/L	87	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	42.7	ug/L	85	2			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.6	ug/L	83	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.8	ug/L	86	3			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	42.0	ug/L	84	1			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	40.2	ug/L	80	2			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	41.7	ug/L	83	4			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	43.5	ug/L	87	3			70 (58)	130 (106)	20 (20)
	Isophorone	50	40.9	ug/L	82	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	45.0	ug/L	90	3			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	44.0	ug/L	88	3			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.0	ug/L	84	2			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	44.5	ug/L	89	3			70 (66)	130 (115)	20 (20)
	Naphthalene	50	42.4	ug/L	85	4			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.2	ug/L	32	9	*		70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.7	ug/L	87	4			70 (69)	130 (101)	20 (20)
	Caprolactam	50	37.8	ug/L	76	1			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	41.1	ug/L	82	1			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	41.1	ug/L	82	3			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	98.8	ug/L	99	3			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	45.6	ug/L	91	2			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	45.8	ug/L	92	3			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	44.4	ug/L	89	3			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	44.6	ug/L	89	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	45.7	ug/L	91	2			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	42.1	ug/L	84	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	43.5	ug/L	87	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	43.9	ug/L	88	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	23.6	ug/L	47	5	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	43.4	ug/L	87	3			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	81.0	ug/L	81	2			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	75.5	ug/L	76	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	42.6	ug/L	85	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	43.4	ug/L	87	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	40.7	ug/L	81	2			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85	2			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.4	ug/L	85	2			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	37.3	ug/L	75	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	45.5	ug/L	91	2			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	46.2	ug/L	92	2			70 (61)	130 (109)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: 8270E

DataFile: BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB167889BSD	4-Bromophenyl-phenylether	50	45.6	ug/L	91	3			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	45.6	ug/L	91	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	44.0	ug/L	88	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	97.1	ug/L	97	1			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	44.3	ug/L	89	3			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.6	ug/L	89	2			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.0	ug/L	88	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	43.1	ug/L	86	1			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	42.5	ug/L	85	0			70 (64)	130 (110)	20 (20)
	Pyrene	50	46.5	ug/L	93	6			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	45.3	ug/L	91	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	25.0	ug/L	50	0	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	45.0	ug/L	90	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	44.3	ug/L	89	3			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	44.4	ug/L	89	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	44.1	ug/L	88	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	43.1	ug/L	86	3			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	44.6	ug/L	89	2			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100	3			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	50.4	ug/L	101	3			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	50.4	ug/L	101	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	4			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	35.6	ug/L	71	5			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	42.9	ug/L	86	2			70 (63)	130 (116)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167889BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1945

SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: BM050141.D

Lab Sample ID: PB167889BL

Instrument ID: BNA_M

Date Extracted: 05/07/2025

Matrix: (soil/water) Water

Date Analyzed: 05/08/2025

Level: (low/med) LOW

Time Analyzed: 11:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167889BS	PB167889BS	BM050142.D	05/08/2025
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025
GB1W	Q1945-01	BM050134.D	05/07/2025
GB3W	Q1945-02	BM050135.D	05/07/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1945 SDG NO.: Q1945Lab File ID: BM050023.DDFTPP Injection Date: 04/28/2025Instrument ID: BNA_MDFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1945 SDG NO.: Q1945Lab File ID: BM050128.DDFTPP Injection Date: 05/07/2025Instrument ID: BNA_MDFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	74.9
443	15.0 - 24.0% of mass 442	14.6 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050129.D	05/07/2025	09:56
GB1W	Q1945-01	BM050134.D	05/07/2025	14:26
GB3W	Q1945-02	BM050135.D	05/07/2025	15:05
GB1WDL	Q1945-01DL	BM050137.D	05/07/2025	16:24
GB3WDL	Q1945-02DL	BM050138.D	05/07/2025	17:03



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1945 SDG NO.: Q1945Lab File ID: BM050139.DDFTPP Injection Date: 05/08/2025Instrument ID: BNA_MDFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.9
443	15.0 - 24.0% of mass 442	16.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050140.D	05/08/2025	10:41
PB167889BL	PB167889BL	BM050141.D	05/08/2025	11:21
PB167889BS	PB167889BS	BM050142.D	05/08/2025	12:00
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025	12:39

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

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	266306	7.746	985466	10.53	648787	14.39
UPPER LIMIT	532612	8.246	1970930	11.034	1297570	14.892
LOWER LIMIT	133153	7.246	492733	10.034	324394	13.892
EPA SAMPLE NO.						
01 GB1W	277291	7.75	994970	10.54	676090	14.39
02 GB1WDL	237908	7.75	833708	10.54	563306	14.39
03 GB3W	242816	7.75	891368	10.54	635661	14.39
04 GB3WDL	252681	7.75	948637	10.54	680621	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

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	1276060	17.139	1188730	21.386	1179190	24.38
UPPER LIMIT	2552120	17.639	2377460	21.886	2358380	24.88
LOWER LIMIT	638030	16.639	594365	20.886	589595	23.88
EPA SAMPLE NO.						
01 GB1W	1357980	17.15	1252370	21.39	1282160	24.39
02 GB1WDL	1154970	17.15	1121660	21.39	1136200	24.39
03 GB3W	1255360	17.15	1187380	21.39	1257760	24.39
04 GB3WDL	1371680	17.15	1252990	21.39	1255100	24.39

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

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	370324	7.74	1368860	10.53	879874	14.39
UPPER LIMIT	740648	8.24	2737720	11.034	1759750	14.892
LOWER LIMIT	185162	7.24	684430	10.034	439937	13.892
EPA SAMPLE NO.						
01 PB167889BL	284899	7.74	988666	10.54	615934	14.39
02 PB167889BS	270040	7.74	938494	10.53	568093	14.39
03 PB167889BSD	264346	7.74	911076	10.53	548910	14.39

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

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	1654930	17.139	1237710	21.386	1026250	24.38
UPPER LIMIT	3309860	17.639	2475420	21.886	2052500	24.88
LOWER LIMIT	827465	16.639	618855	20.886	513125	23.88
EPA SAMPLE NO.						
01 PB167889BL	1138370	17.15	926404	21.39	1008660	24.39
02 PB167889BS	1021170	17.14	945959	21.38	977986	24.38
03 PB167889BSD	982803	17.14	868474	21.39	893841	24.38

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.4	ug/L
62-53-3	Aniline	1.50	U	1.50	5.20	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
98-86-2	Acetophenone	0.77	U	0.77	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	0.88	UQ	0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
105-60-2	Caprolactam	140	E	1.20	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	0.58	U	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.20	ug/L
92-52-4	1,1-Biphenyl	0.55	U	0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.20	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L
208-96-8	Acenaphthylene	0.78	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.96	U	0.96	5.20	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.20	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.4	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.72	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	0.71	5.20	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.20	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.20	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.20	ug/L
86-74-8	Carbazole	0.75	U	0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.97	UQ	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.47	U	0.47	5.20	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.4	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3510C	Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	0.54	5.20	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	0.75	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	72.9		15 (10) - 110 (139)	49%	SPK: 150
13127-88-3	Phenol-d6	45.5		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.8		30 (49) - 130 (133)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		15 (44) - 110 (137)	107%	SPK: 150
1718-51-0	Terphenyl-d14	92.5		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	277000	7.746			
1146-65-2	Naphthalene-d8	995000	10.54			
15067-26-2	Acenaphthene-d10	676000	14.392			
1517-22-2	Phenanthrene-d10	1360000	17.145			
1719-03-5	Chrysene-d12	1250000	21.392			
1520-96-3	Perylene-d12	1280000	24.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.30	AB		4.86	ug/L
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	14.3	J		10.3	ug/L
000119-61-9	Benzophenone	3.90	J		15.8	ug/L
	unknown16.598	4.10	J		16.6	ug/L
000057-10-3	n-Hexadecanoic acid	14.6	J		18.0	ug/L
000057-11-4	Octadecanoic acid	5.40	J		19.3	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3510C	Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050134.D	1	05/07/25 08:53	05/07/25 14:26	PB167889

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\BM050725\
 Data File : BM050134.D
 Acq On : 07 May 2025 14:26
 Operator : RC/JU
 Sample : Q1945-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB1W

Quant Time: May 07 15:01:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

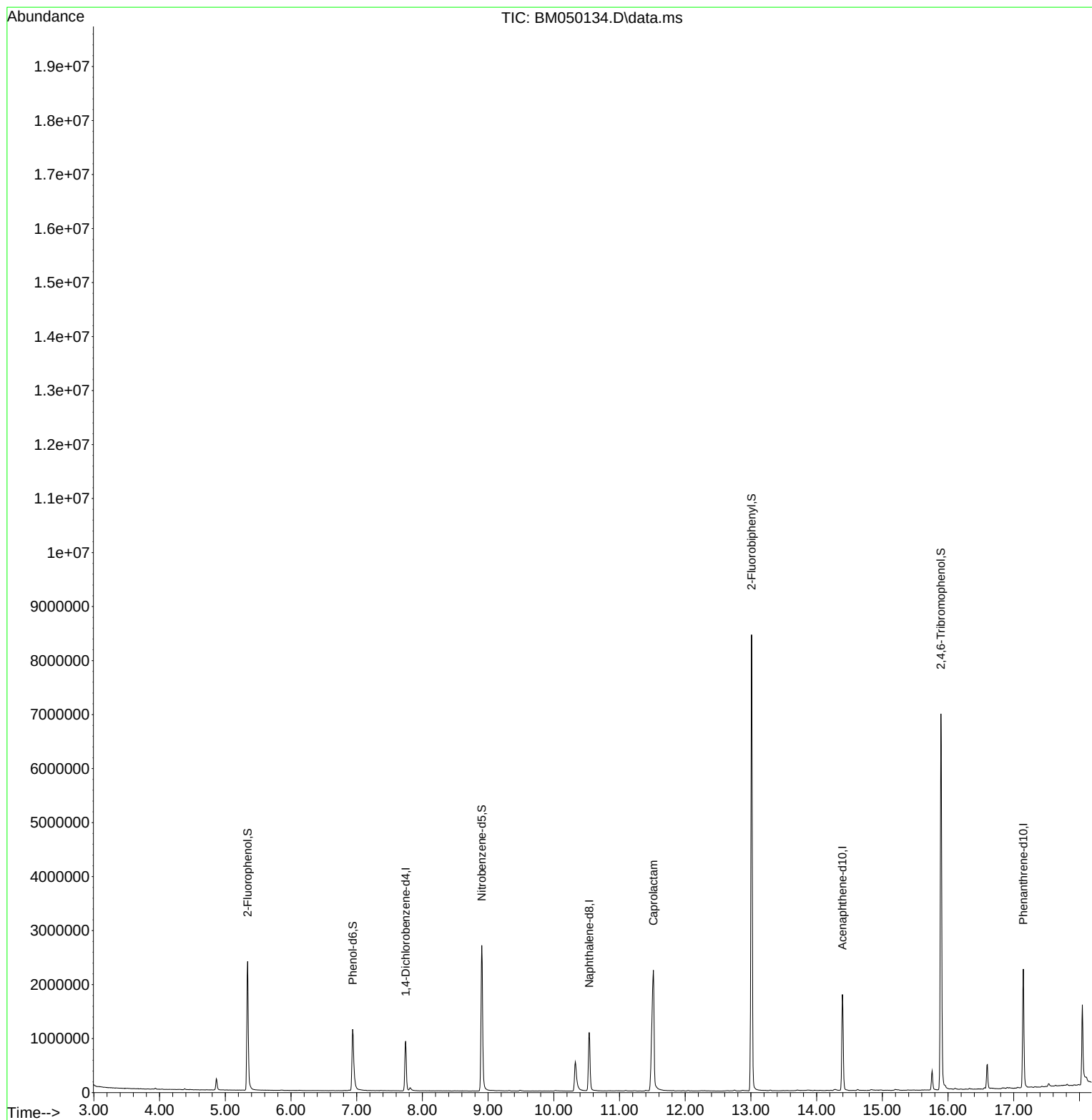
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	277291	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	994970	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	676090	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1357979	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1252372	20.000	ng	0.00
86) Perylene-d12	24.386	264	1282159	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1154676	72.917	ng	-0.02
7) Phenol-d6	6.940	99	906174	45.529	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1712536	84.814	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1605708	160.621	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4624825	80.923	ng	-0.02
79) Terphenyl-d14	19.774	244	7828359	92.496	ng	0.00
Target Compounds						
35) Caprolactam	11.516	113	646736	133.856	ng	Qvalue 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

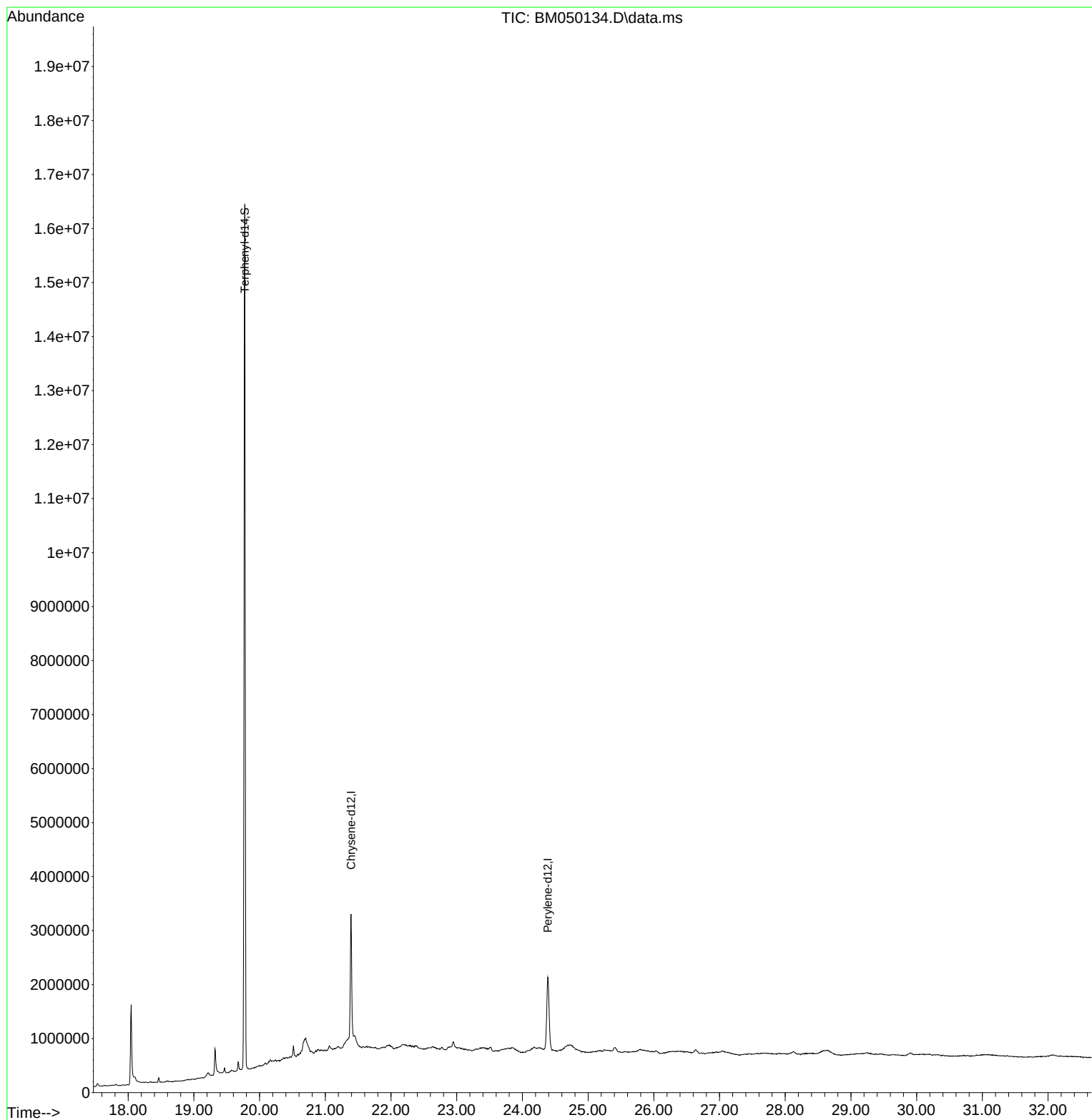
Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

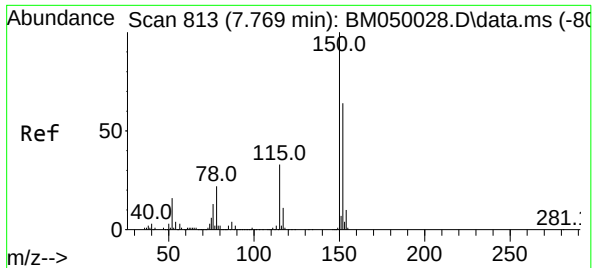


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Time: May 07 15:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

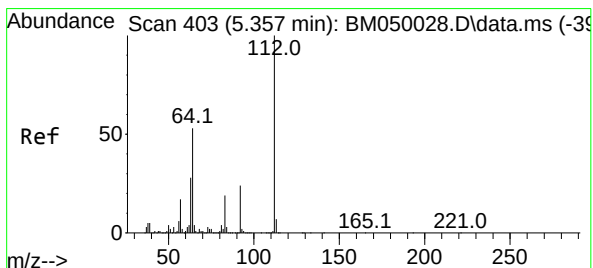
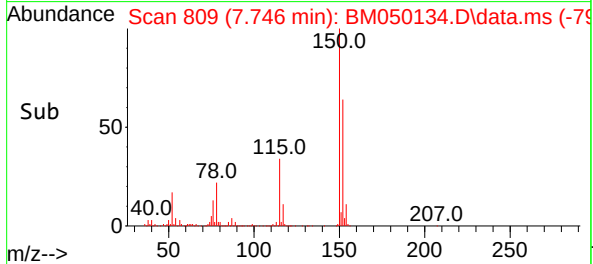
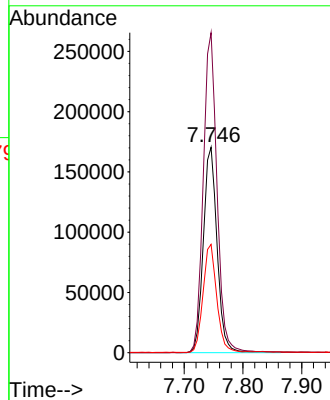
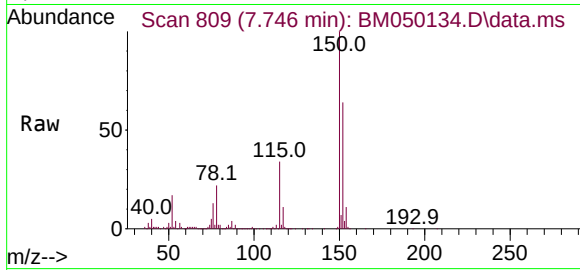




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

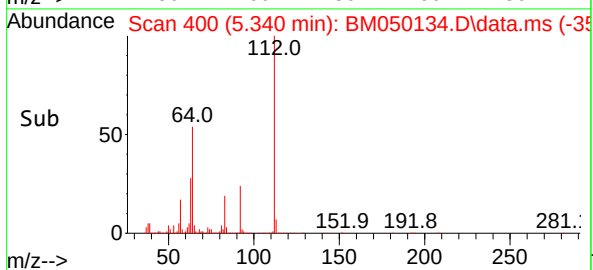
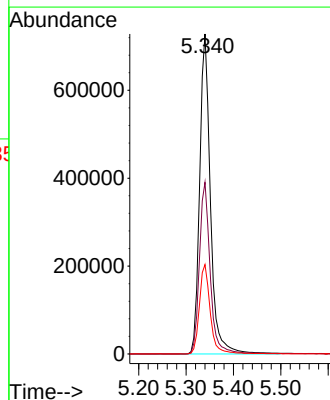
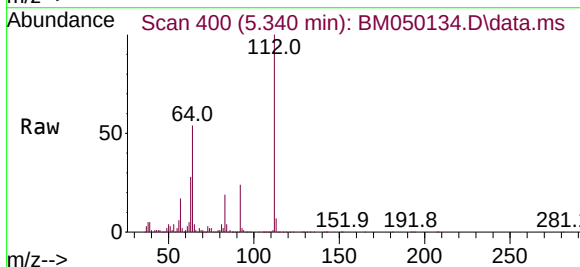
Instrument :
BNA_M
ClientSampleId :
GB1W

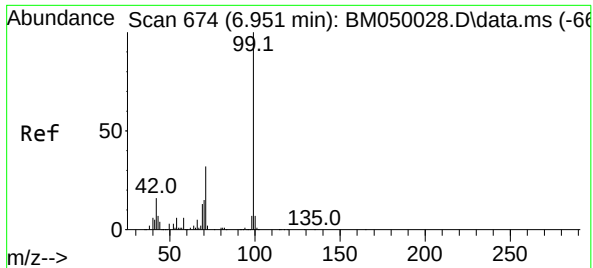
Tgt Ion:152 Resp: 277291
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 52.7 41.2 61.8



#5
2-Fluorophenol
Concen: 72.917 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.017 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:112 Resp: 1154676
Ion Ratio Lower Upper
112 100
64 53.7 42.6 64.0
63 28.0 22.2 33.4

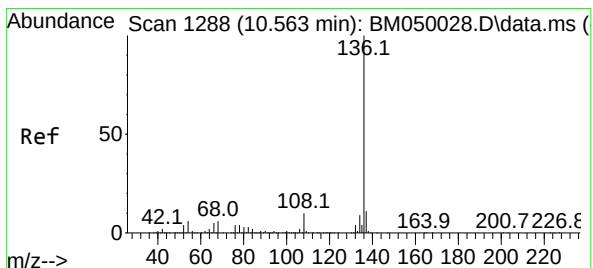
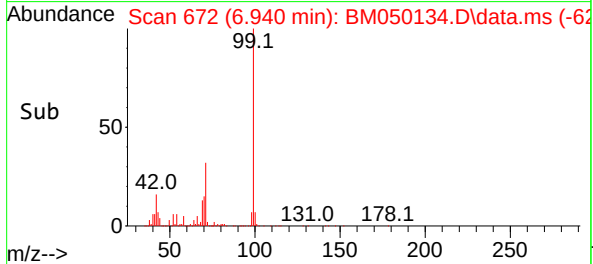
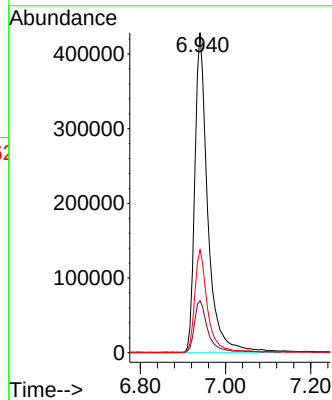
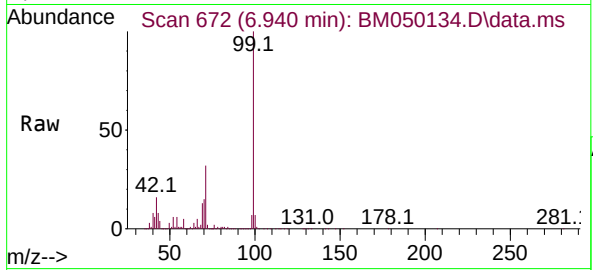




#7
Phenol-d6
Concen: 45.529 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

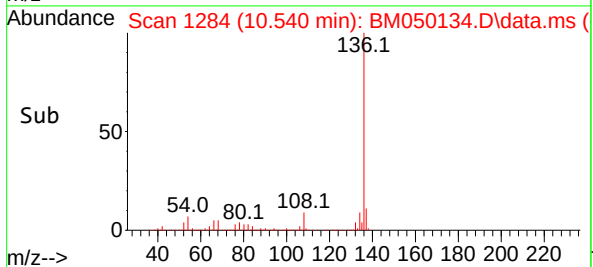
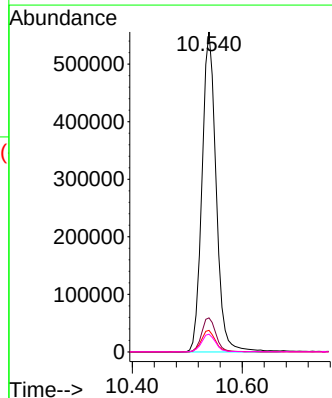
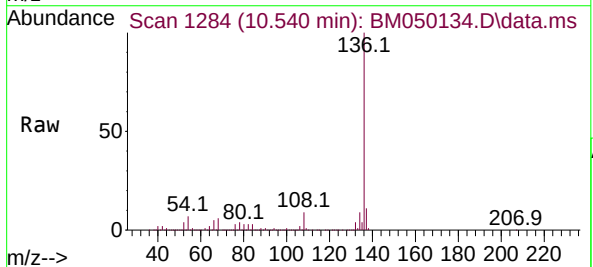
Instrument :
BNA_M
ClientSampleId :
GB1W

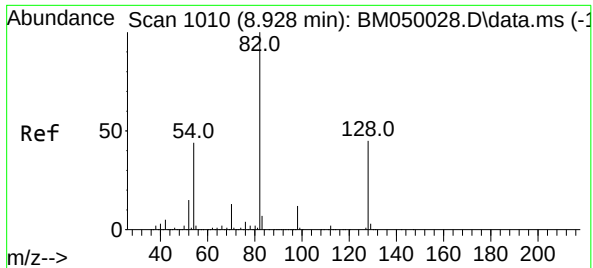
Tgt Ion: 99 Resp: 906174
Ion Ratio Lower Upper
99 100
42 16.3 13.0 19.4
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion: 136 Resp: 994970
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 6.8 5.1 7.7
68 5.5 4.4 6.6

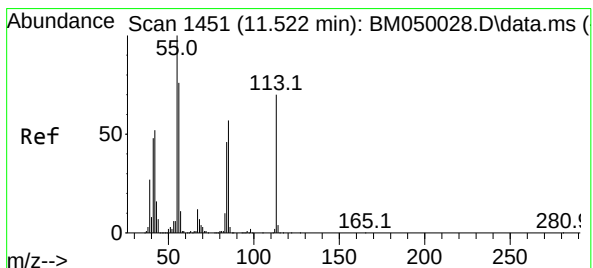
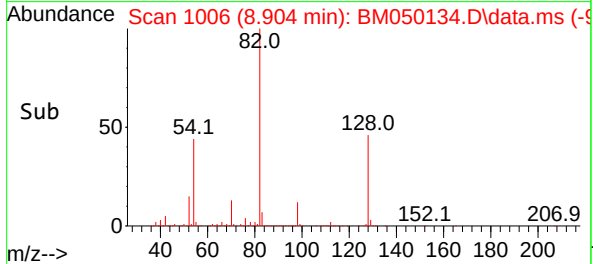
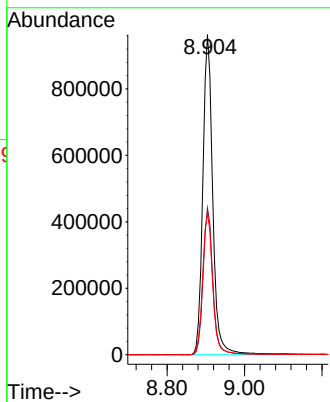
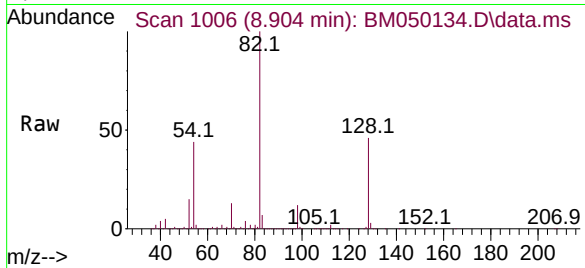




#23
Nitrobenzene-d5
Concen: 84.814 ng
RT: 8.904 min Scan# 1010
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

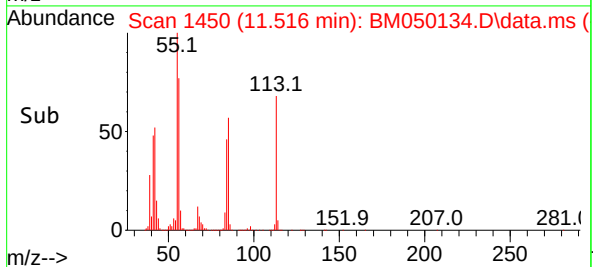
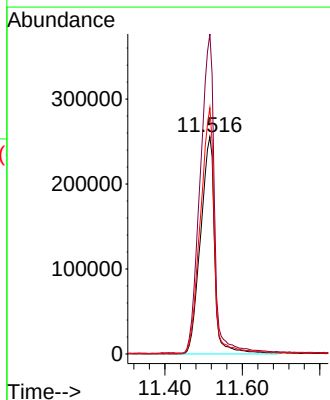
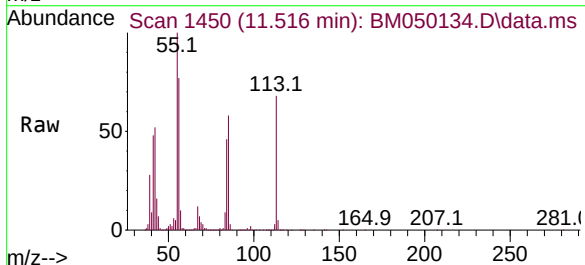
Instrument :
BNA_M
ClientSampleId :
GB1W

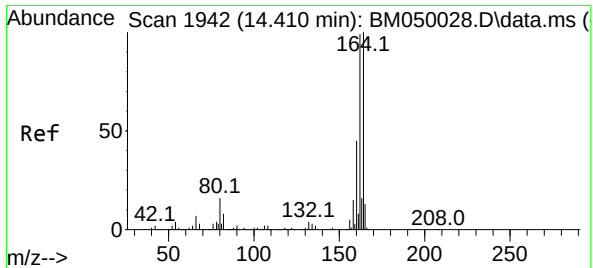
Tgt Ion: 82 Resp: 1712536
Ion Ratio Lower Upper
82 100
128 45.9 35.7 53.5
54 44.1 35.4 53.2



#35
Caprolactam
Concen: 133.856 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion: 113 Resp: 646736
Ion Ratio Lower Upper
113 100
55 147.2 122.9 162.9
56 113.3 88.1 128.1

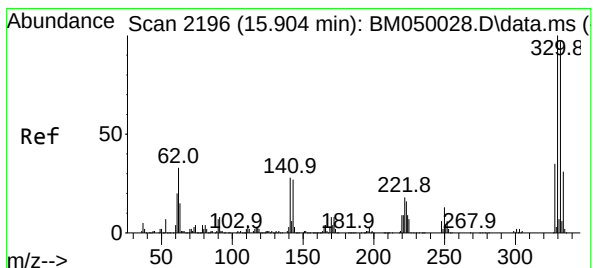
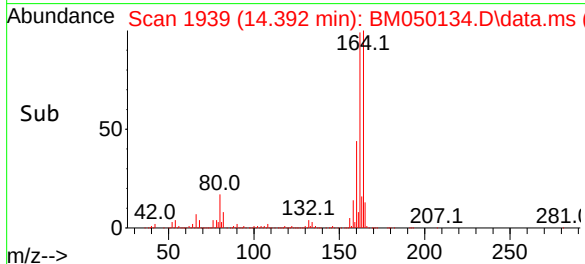
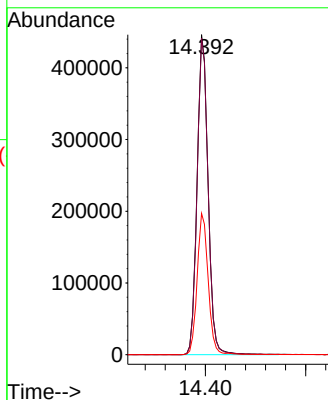
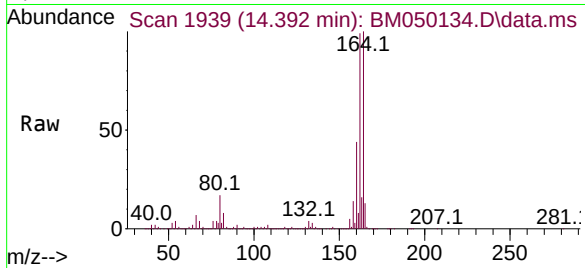




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

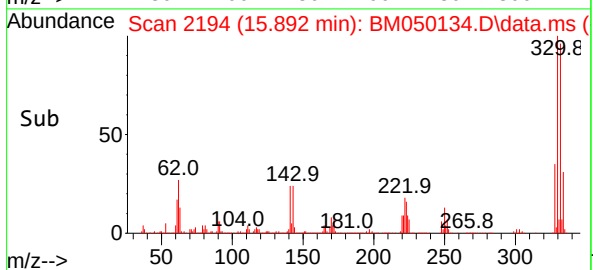
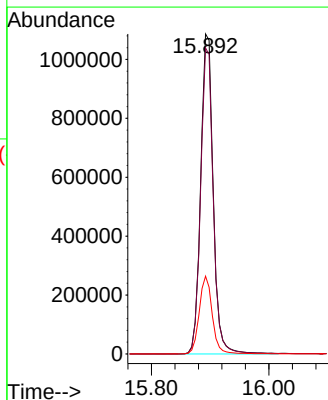
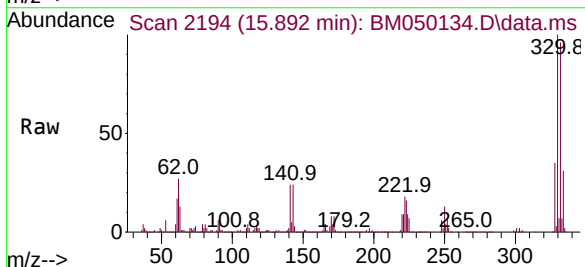
Instrument :
BNA_M
ClientSampleId :
GB1W

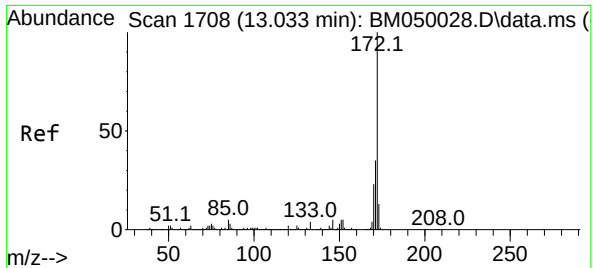
Tgt Ion:164 Resp: 676090
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 44.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 160.621 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:330 Resp: 1605708
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 25.2 22.5 33.7

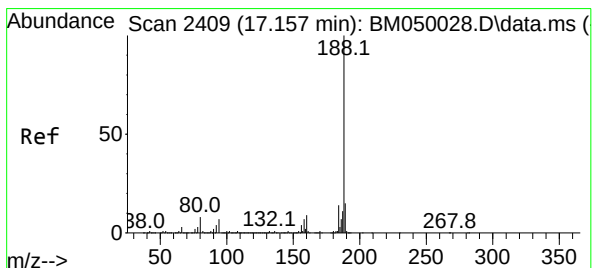
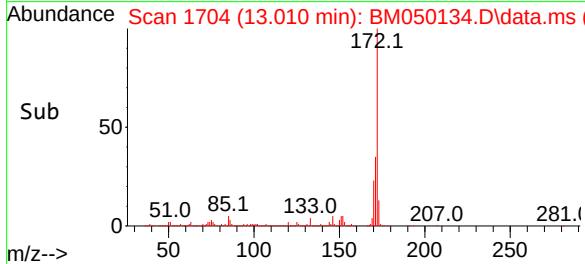
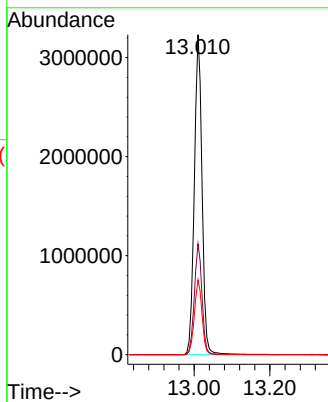
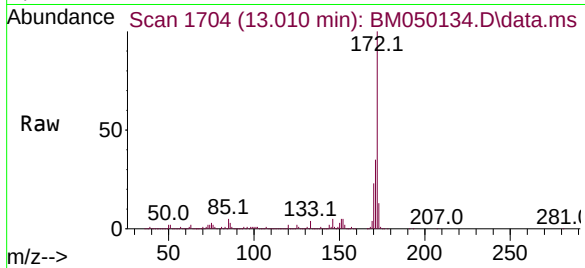




#45
2-Fluorobiphenyl
Concen: 80.923 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.023 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

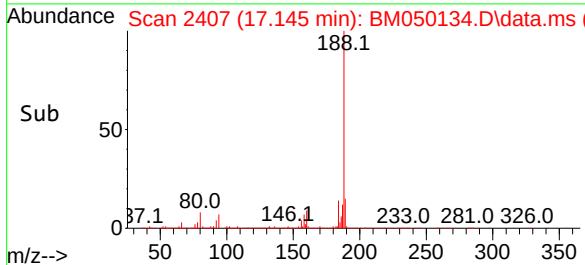
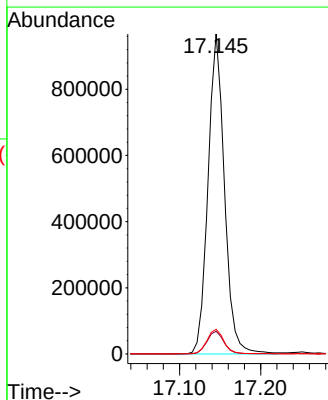
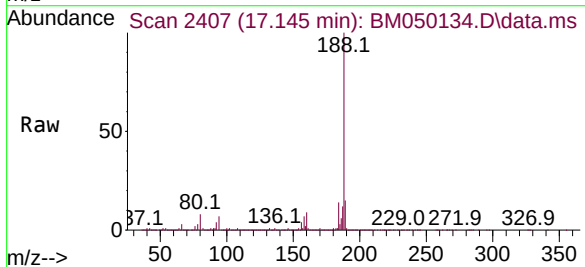
Instrument :
BNA_M
ClientSampleId :
GB1W

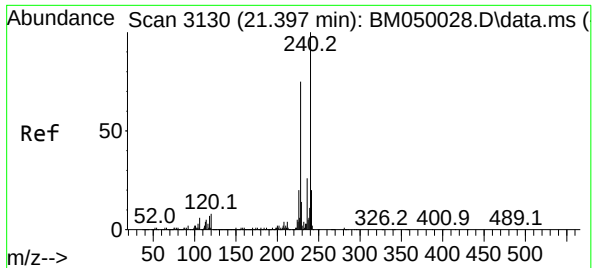
Tgt Ion:172 Resp: 4624825
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:188 Resp: 1357979
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.7 6.2 9.4

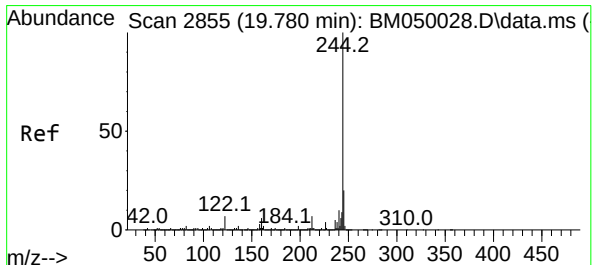
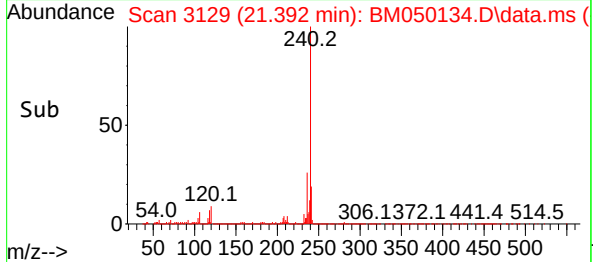
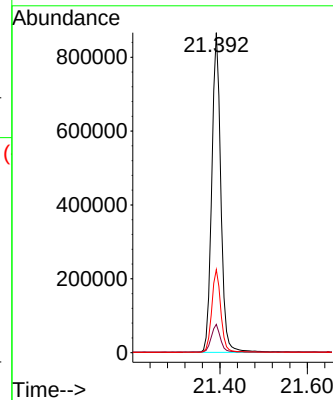
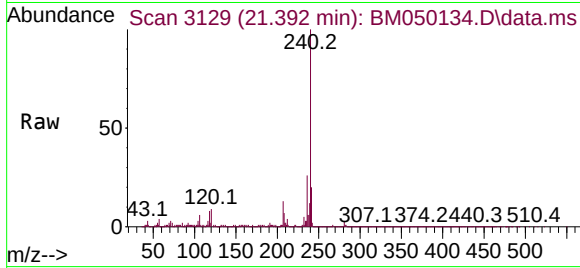




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

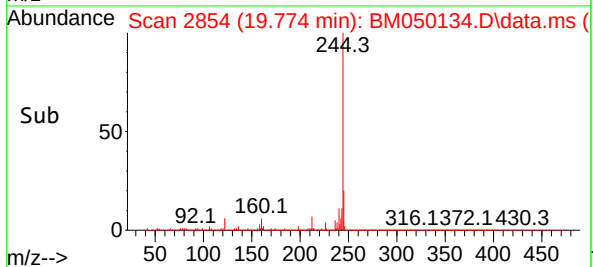
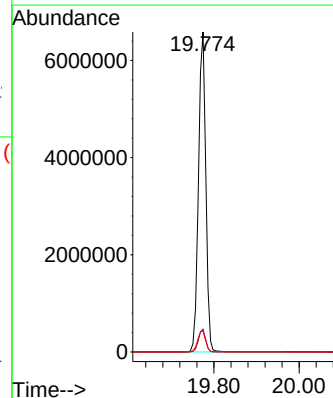
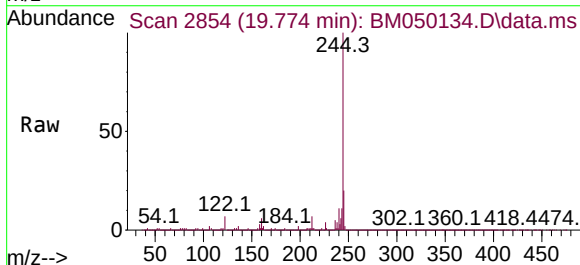
Instrument :
BNA_M
ClientSampleId :
GB1W

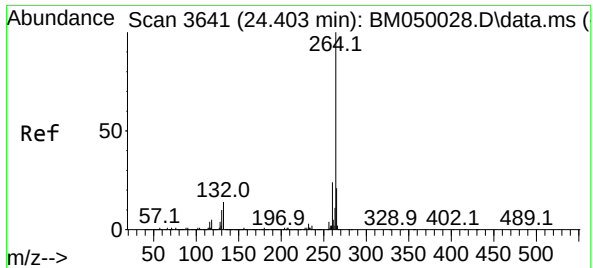
Tgt Ion:240 Resp: 1252372
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 92.496 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM050134.D
Acq: 07 May 2025 14:26

Tgt Ion:244 Resp: 7828359
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.5 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 30

Delta R.T. -0.017 min

Lab File: BM050134.D

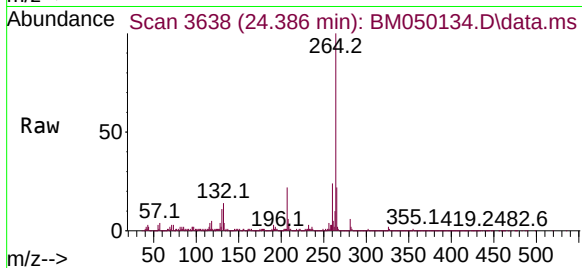
Acq: 07 May 2025 14:26

Instrument :

BNA_M

ClientSampleId :

GB1W



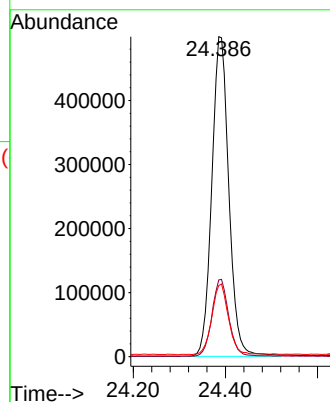
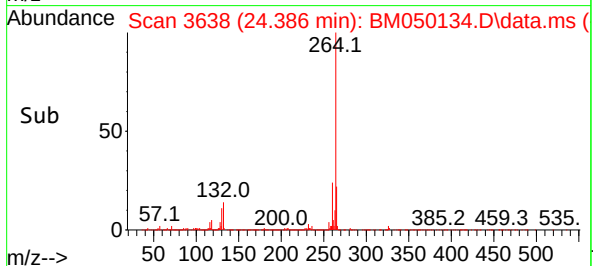
Tgt Ion:264 Resp: 1282159

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050134.D
 Acq On : 07 May 2025 14:26
 Operator : RC/JU
 Sample : Q1945-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB1W

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	314	319	331	rVB	208240	310157	1.61%	0.384%
2	5.340	393	400	415	rBV	2385945	3770258	19.55%	4.663%
3	6.940	665	672	699	rBV	1132890	2400630	12.45%	2.969%
4	7.746	799	809	816	rBV	922189	1502810	7.79%	1.859%
5	8.904	998	1006	1023	rBV	2695910	4799196	24.88%	5.935%
6	10.328	1241	1248	1269	rBV	537750	1312818	6.81%	1.624%
7	10.540	1277	1284	1297	rBV	1075868	1918339	9.95%	2.372%
8	11.516	1438	1450	1477	rBV	2231038	5625961	29.17%	6.958%
9	13.010	1697	1704	1722	rBV	8445469	12165948	63.08%	15.046%
10	14.392	1933	1939	1956	rVB	1779670	2743703	14.23%	3.393%
11	15.757	2165	2171	2182	rBV	352981	520261	2.70%	0.643%
12	15.892	2187	2194	2216	rBV	6964284	10602956	54.98%	13.113%
13	16.598	2309	2314	2321	rVB	441338	616059	3.19%	0.762%
14	17.145	2401	2407	2420	rBV	2197050	3170702	16.44%	3.921%
15	18.045	2554	2560	2568	rBV	1487258	2215520	11.49%	2.740%
16	19.321	2773	2777	2789	rBV	484335	839837	4.35%	1.039%
17	19.674	2834	2837	2844	rBV	151479	193997	1.01%	0.240%
18	19.774	2848	2854	2862	rVB	16012713	19286006	100.00%	23.851%
19	20.515	2978	2980	2987	rVB	206589	207304	1.07%	0.256%
20	21.392	3124	3129	3135	rBV	2282621	3267112	16.94%	4.041%
21	24.386	3632	3638	3649	rVB	1351096	3389325	17.57%	4.192%

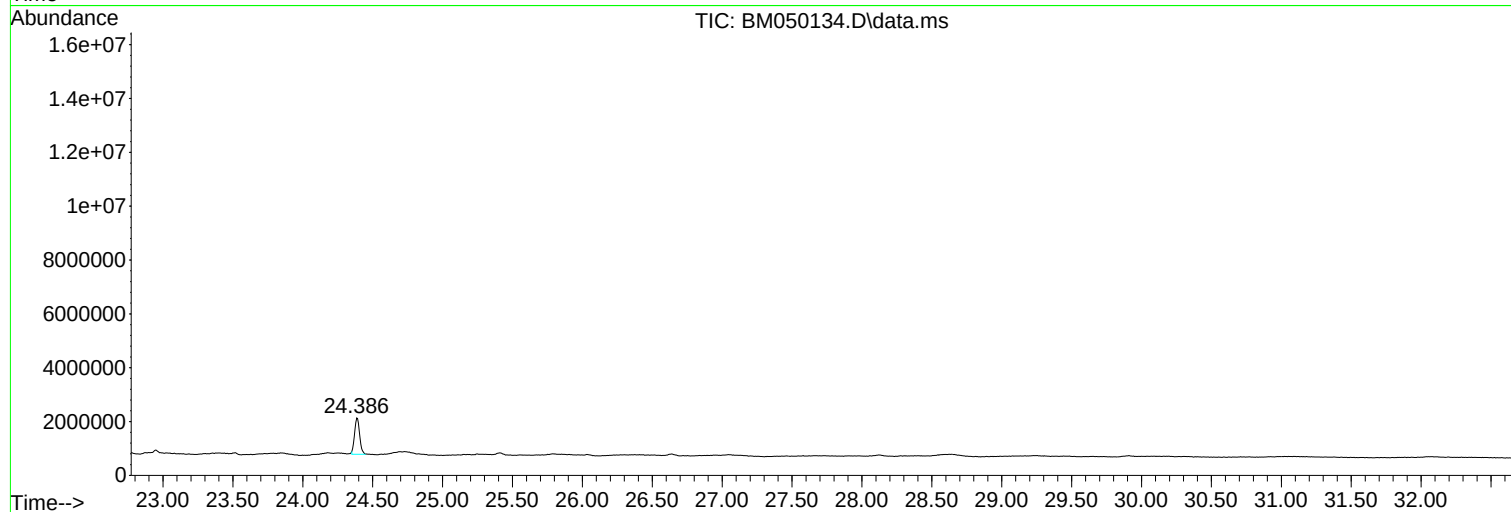
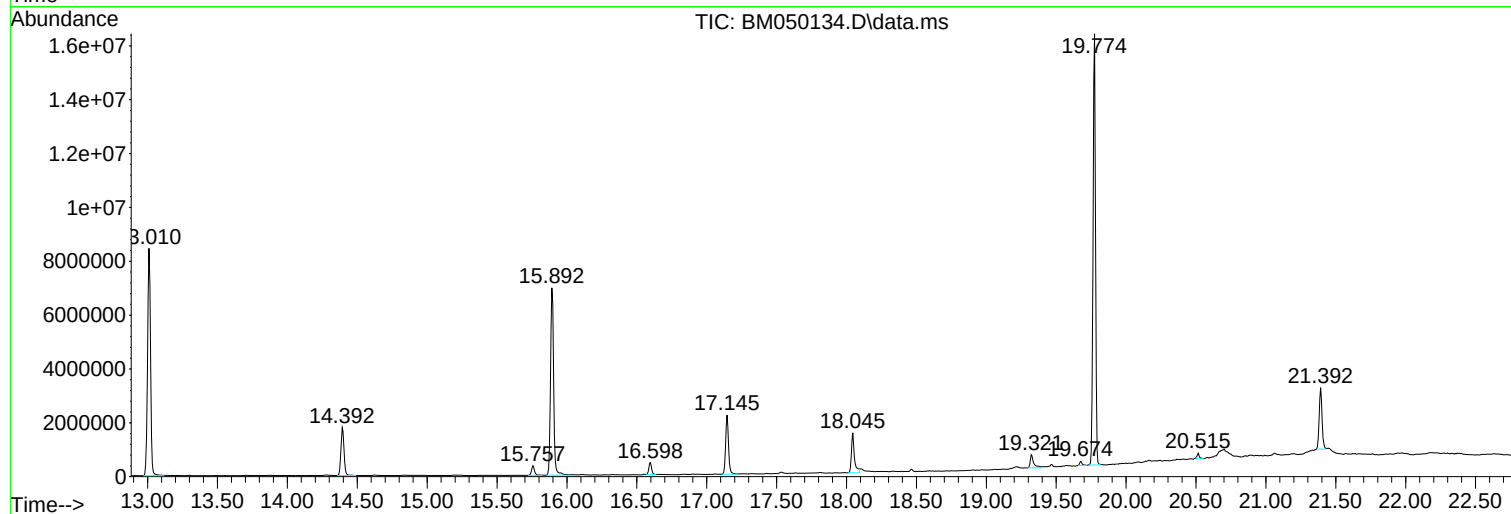
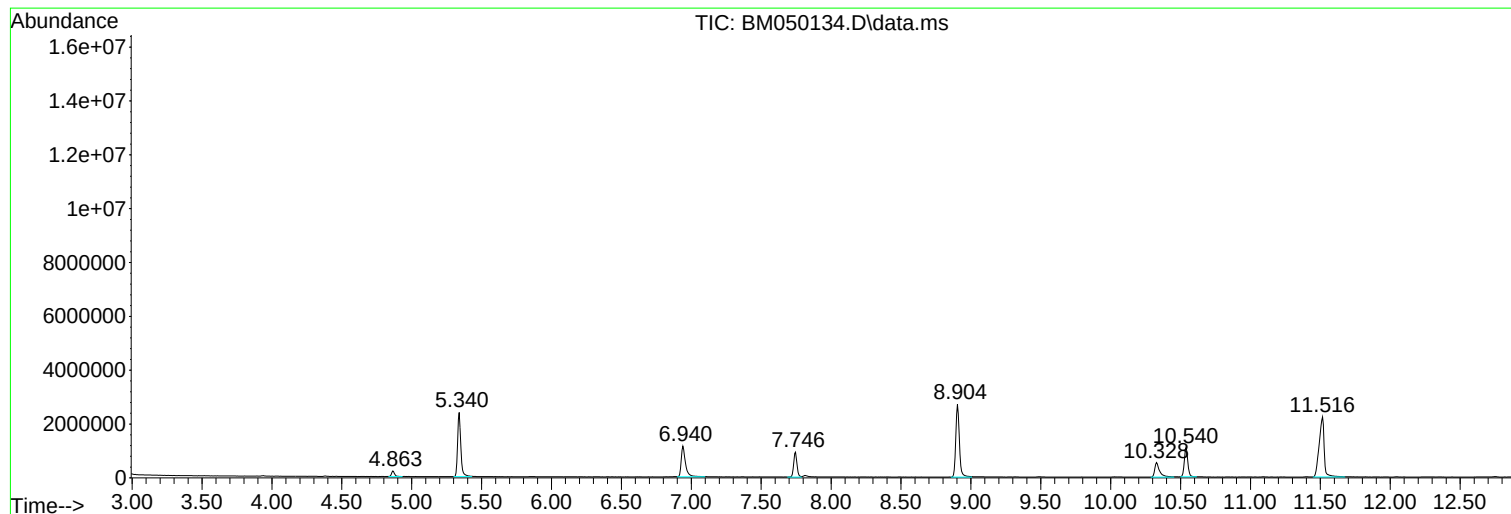
Sum of corrected areas: 80858899

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

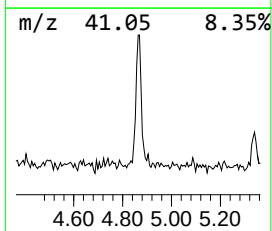
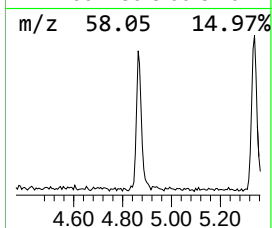
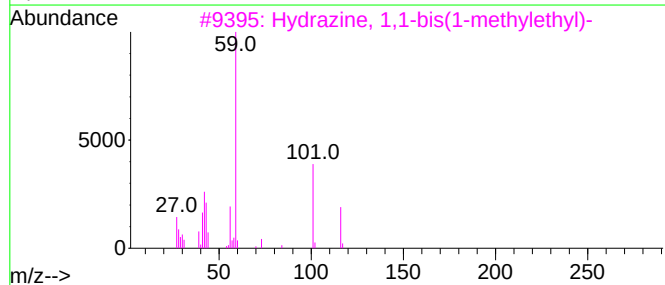
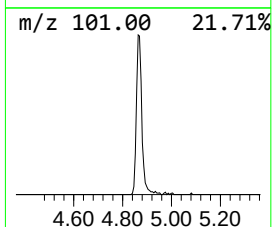
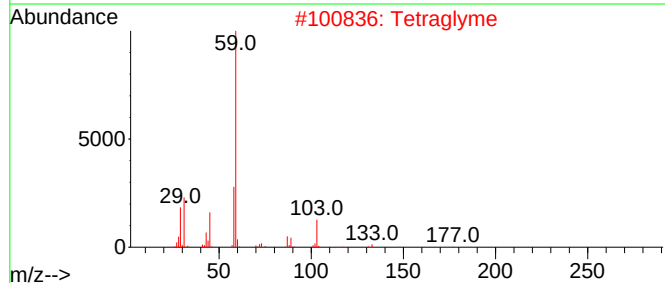
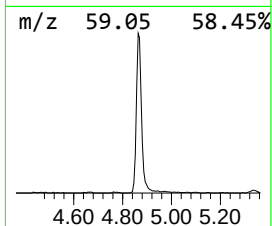
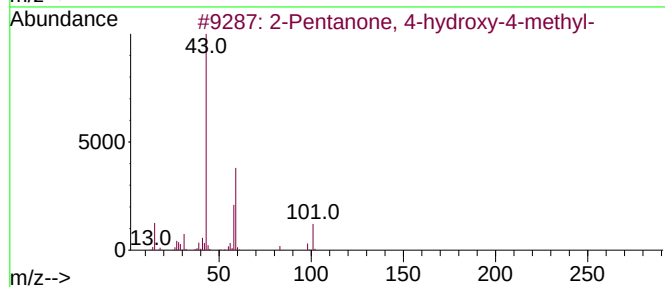
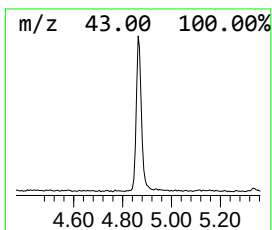
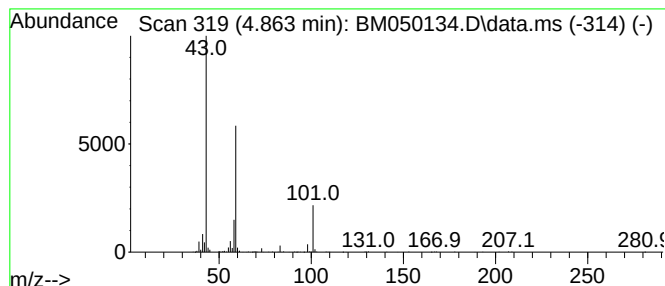
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	4.13 ng	310157	1,4-Dichlorobenzene-d4	7.746

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Tetraglyme	222	C10H22O5	000143-24-8	37	
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28	
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

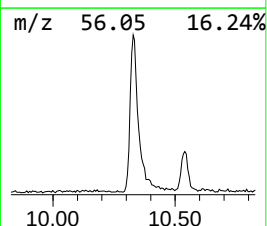
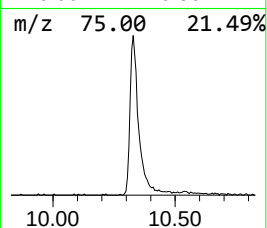
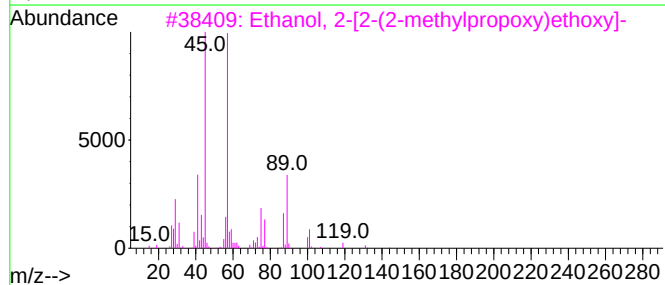
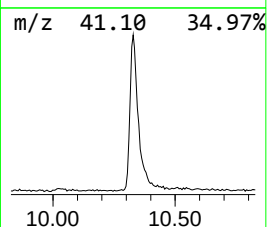
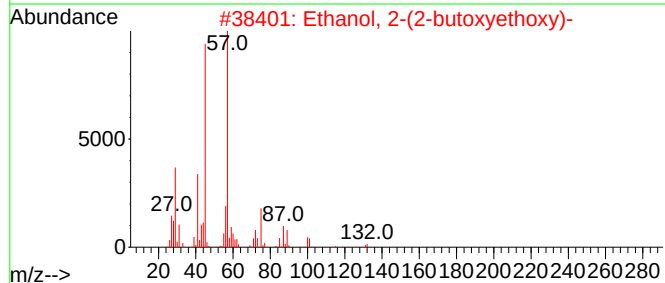
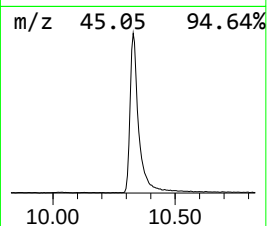
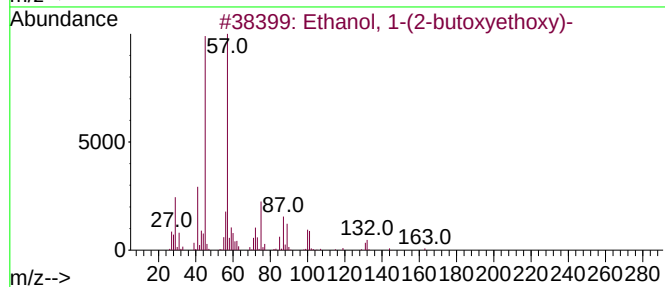
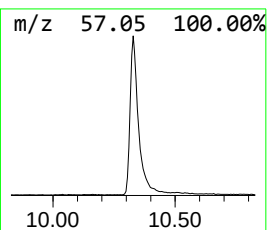
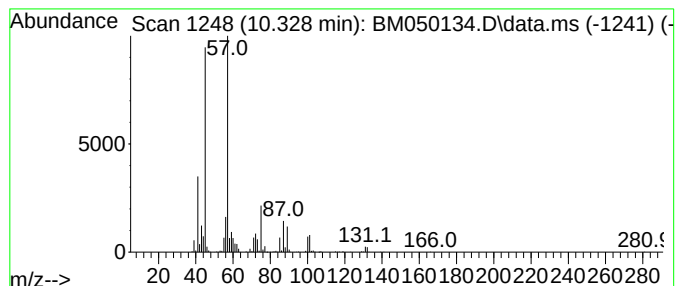
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	13.69 ng	1312820	Naphthalene-d8	10.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	72
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5			Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

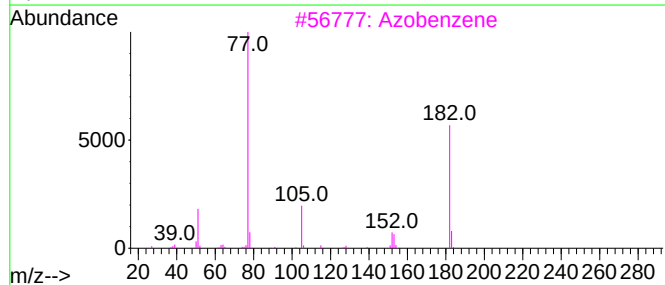
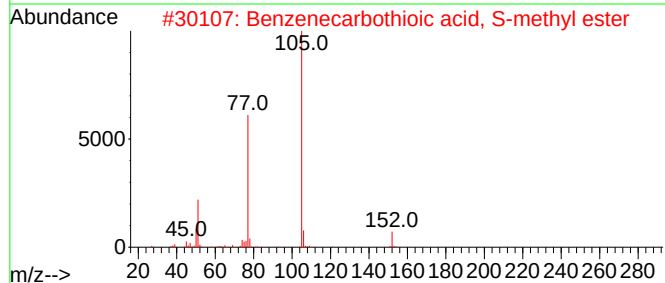
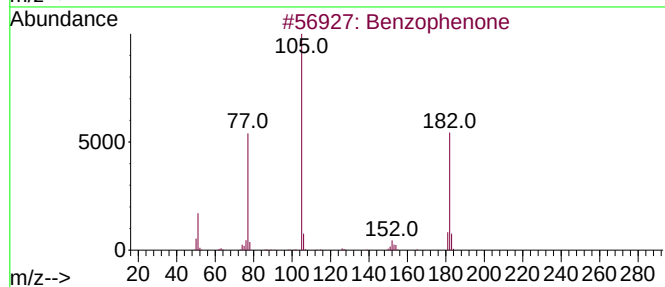
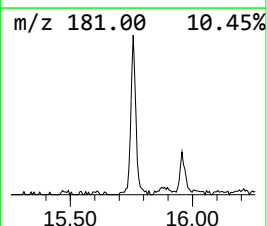
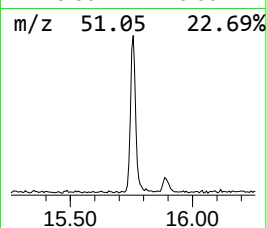
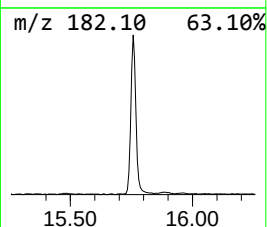
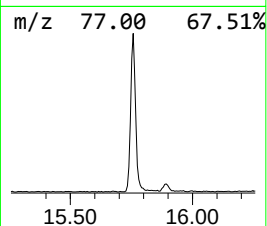
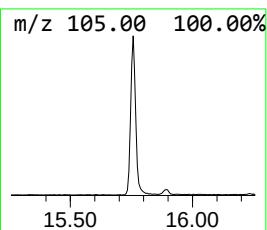
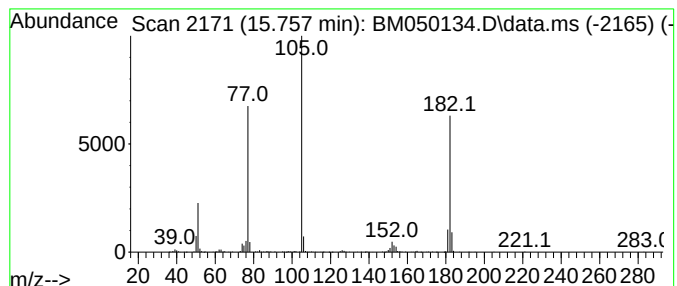
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.79 ng	520261	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3			Azobenzene	182	C12H10N2	000103-33-3	47
4			N-[2,2-Dichloro-1-(toluene-4-sul...	371	C16H15Cl2NO3S	136800-77-6	43
5			Vinyl benzoate	148	C9H8O2	000769-78-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

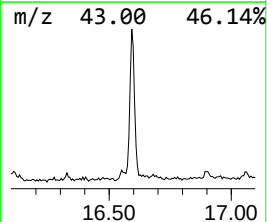
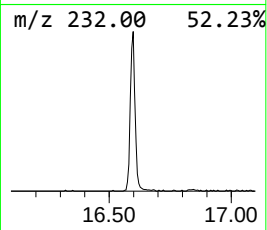
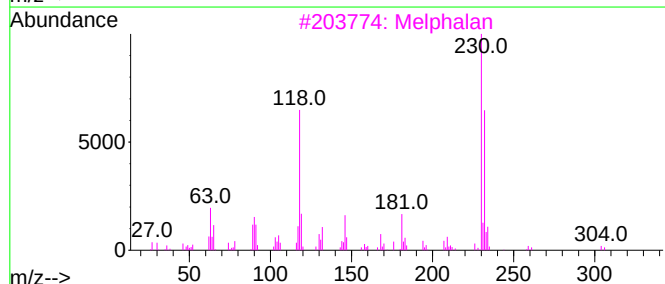
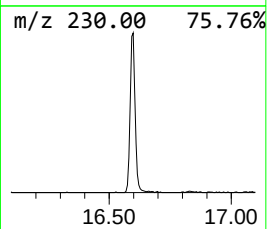
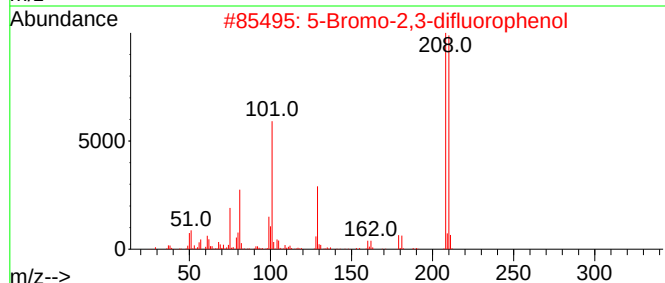
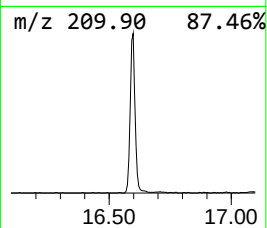
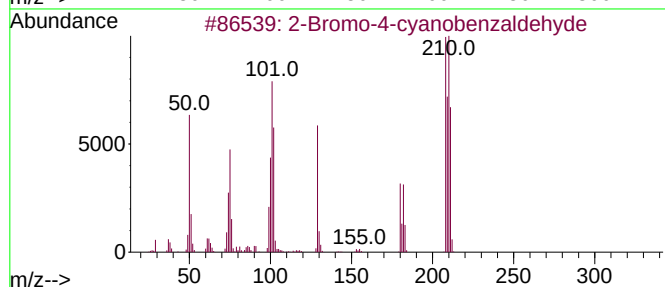
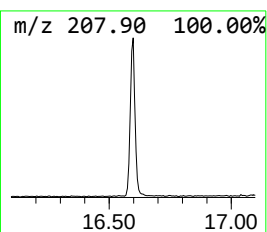
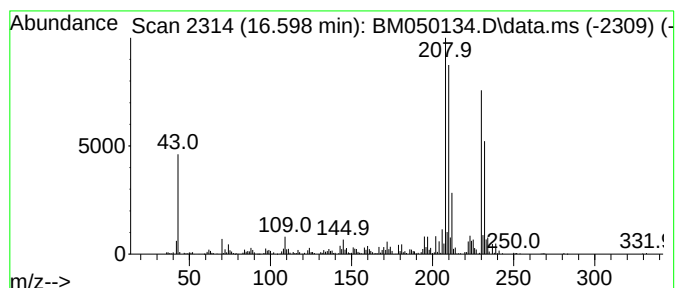
Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown16.598 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.598	3.89 ng	616059	Phenanthrene-d10	17.145	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-4-cyanobenzaldehyde	209	C8H4BrNO	089891-69-0	38
2	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	35
3	Melphalan	304	C13H18Cl2N2O2	000148-82-3	27
4	Methyl 2-amino-3-(4-(N,N-bis(2-c...	318	C14H20Cl2N2O2	1000468-61-4	22
5	2-(1-Piperazinyl)nicotinamide, N...	278	C13H22N4OSi	1000476-27-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

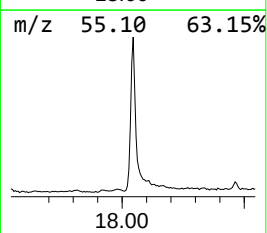
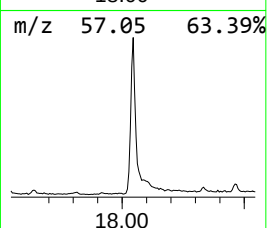
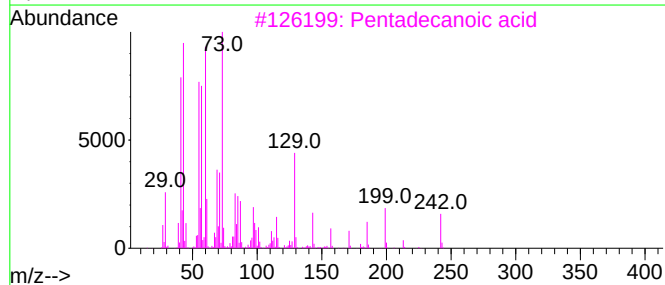
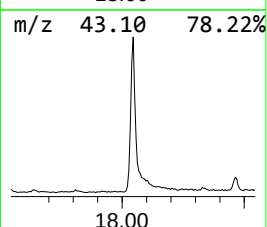
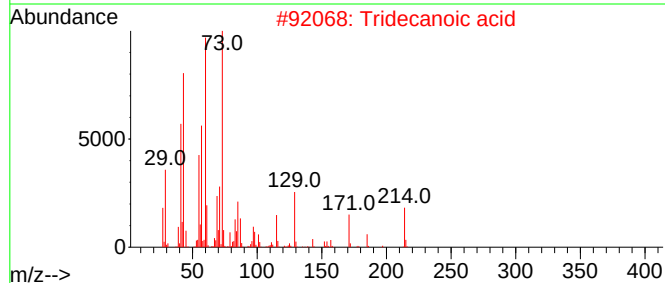
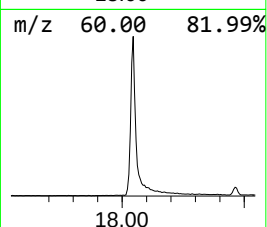
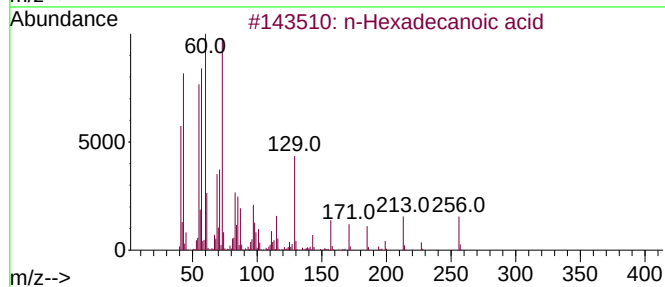
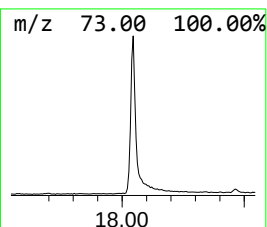
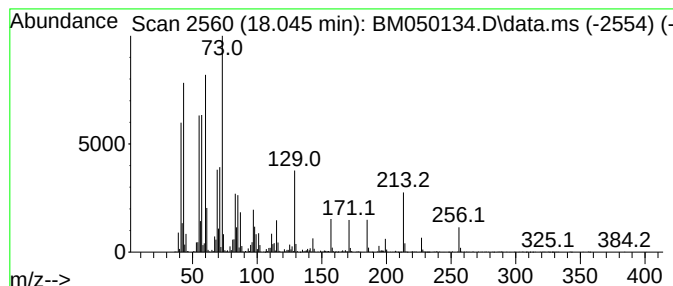
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	13.97 ng	2215520	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

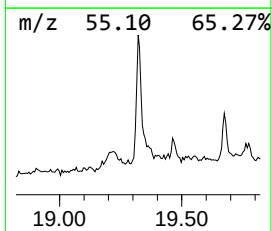
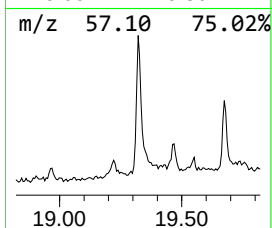
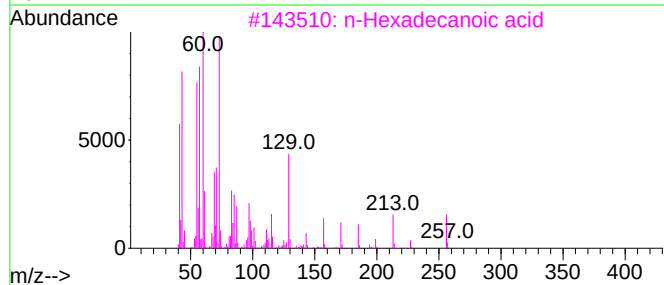
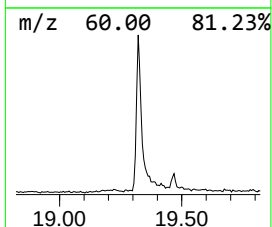
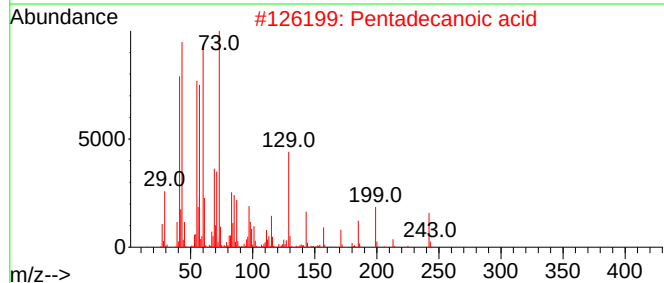
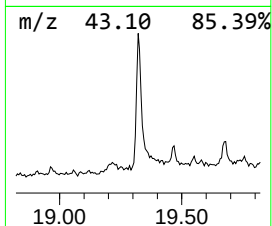
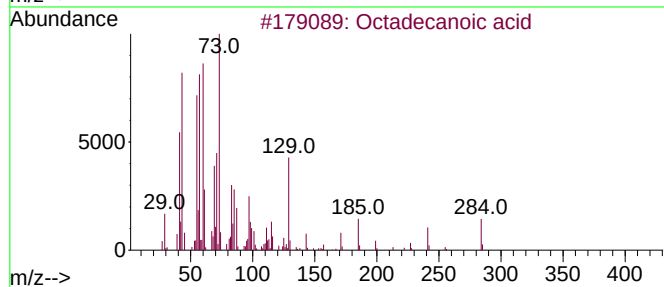
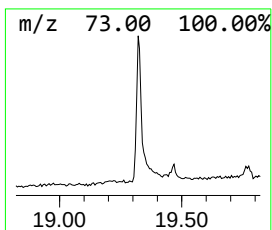
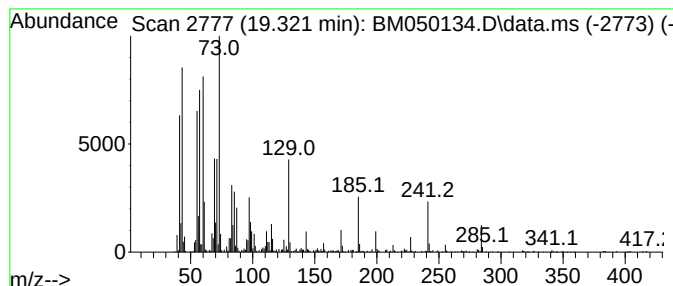
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.14 ng	839837	Chrysene-d12	21.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050134.D
Acq On : 07 May 2025 14:26
Operator : RC/JU
Sample : Q1945-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	4.1	ng	310157	1	7.746	1502810	20.0
Ethanol, 1-(2-b...	10.328	13.7	ng	1312820	2	10.540	1918340	20.0
Benzophenone	15.757	3.8	ng	520261	3	14.392	2743700	20.0
unknown16.598	16.598	3.9	ng	616059	4	17.145	3170700	20.0
n-Hexadecanoic ...	18.045	14.0	ng	2215520	4	17.145	3170700	20.0
Octadecanoic acid	19.321	5.1	ng	839837	5	21.392	3267110	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.4	UD	20.4	52.1	ug/L
62-53-3	Aniline	7.70	UD	7.70	26.0	ug/L
108-95-2	Phenol	4.70	UD	4.70	26.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.20	UD	4.20	26.0	ug/L
95-57-8	2-Chlorophenol	3.00	UD	3.00	26.0	ug/L
95-48-7	2-Methylphenol	5.80	UD	5.80	26.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.70	UD	6.70	26.0	ug/L
98-86-2	Acetophenone	3.90	UD	3.90	26.0	ug/L
65794-96-9	3+4-Methylphenols	5.70	UD	5.70	52.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	7.30	UD	7.30	13.0	ug/L
67-72-1	Hexachloroethane	3.40	UD	3.40	26.0	ug/L
98-95-3	Nitrobenzene	4.00	UD	4.00	26.0	ug/L
78-59-1	Isophorone	3.90	UD	3.90	26.0	ug/L
88-75-5	2-Nitrophenol	9.20	UD	9.20	26.0	ug/L
105-67-9	2,4-Dimethylphenol	9.60	UD	9.60	26.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.50	UD	3.50	26.0	ug/L
120-83-2	2,4-Dichlorophenol	2.70	UD	2.70	26.0	ug/L
91-20-3	Naphthalene	2.60	UD	2.60	26.0	ug/L
106-47-8	4-Chloroaniline	4.40	UDQ	4.40	26.0	ug/L
87-68-3	Hexachlorobutadiene	2.80	UD	2.80	26.0	ug/L
105-60-2	Caprolactam	120	D	5.90	52.1	ug/L
59-50-7	4-Chloro-3-methylphenol	3.10	UD	3.10	26.0	ug/L
91-57-6	2-Methylnaphthalene	2.90	UD	2.90	26.0	ug/L
77-47-4	Hexachlorocyclopentadiene	18.9	UD	18.9	52.1	ug/L
88-06-2	2,4,6-Trichlorophenol	2.70	UD	2.70	26.0	ug/L
95-95-4	2,4,5-Trichlorophenol	3.20	UD	3.20	26.0	ug/L
92-52-4	1,1-Biphenyl	2.80	UD	2.80	26.0	ug/L
91-58-7	2-Chloronaphthalene	3.20	UD	3.20	26.0	ug/L
88-74-4	2-Nitroaniline	6.60	UD	6.60	26.0	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-01DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	3.20	UD	3.20	26.0	ug/L
208-96-8	Acenaphthylene	3.90	UD	3.90	26.0	ug/L
606-20-2	2,6-Dinitrotoluene	4.80	UD	4.80	26.0	ug/L
99-09-2	3-Nitroaniline	5.50	UDQ	5.50	26.0	ug/L
83-32-9	Acenaphthene	2.90	UD	2.90	26.0	ug/L
51-28-5	2,4-Dinitrophenol	31.1	UD	31.1	52.1	ug/L
100-02-7	4-Nitrophenol	12.4	UD	12.4	52.1	ug/L
132-64-9	Dibenzofuran	3.20	UD	3.20	26.0	ug/L
121-14-2	2,4-Dinitrotoluene	6.40	UD	6.40	26.0	ug/L
84-66-2	Diethylphthalate	3.60	UD	3.60	26.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.50	UD	3.50	26.0	ug/L
86-73-7	Fluorene	3.30	UD	3.30	26.0	ug/L
100-01-6	4-Nitroaniline	7.80	UD	7.80	26.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	15.0	UD	15.0	52.1	ug/L
86-30-6	n-Nitrosodiphenylamine	3.00	UD	3.00	26.0	ug/L
101-55-3	4-Bromophenyl-phenylether	2.10	UD	2.10	26.0	ug/L
118-74-1	Hexachlorobenzene	2.70	UD	2.70	26.0	ug/L
1912-24-9	Atrazine	5.30	UD	5.30	26.0	ug/L
87-86-5	Pentachlorophenol	8.20	UD	8.20	52.1	ug/L
85-01-8	Phenanthrene	2.60	UD	2.60	26.0	ug/L
120-12-7	Anthracene	3.20	UD	3.20	26.0	ug/L
86-74-8	Carbazole	3.80	UD	3.80	26.0	ug/L
84-74-2	Di-n-butylphthalate	6.40	UD	6.40	26.0	ug/L
206-44-0	Fluoranthene	4.30	UD	4.30	26.0	ug/L
129-00-0	Pyrene	2.60	UD	2.60	26.0	ug/L
85-68-7	Butylbenzylphthalate	10.1	UD	10.1	26.0	ug/L
91-94-1	3,3-Dichlorobenzidine	4.80	UDQ	4.80	52.1	ug/L
56-55-3	Benzo(a)anthracene	2.30	UD	2.30	26.0	ug/L
218-01-9	Chrysene	2.30	UD	2.30	26.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.30	UD	8.30	26.0	ug/L
117-84-0	Di-n-octyl phthalate	12.2	UD	12.2	52.1	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	05/02/25	
Project:	Amsterdam		Date Received:	05/02/25	
Client Sample ID:	GB1WDL		SDG No.:	Q1945	
Lab Sample ID:	Q1945-01DL		Matrix:	Water	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	960	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050137.D	5	05/07/25 08:53	05/07/25 16:24	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	2.60	UD	2.60	26.0	ug/L
207-08-9	Benzo(k)fluoranthene	2.50	UD	2.50	26.0	ug/L
50-32-8	Benzo(a)pyrene	2.90	UD	2.90	26.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.10	UD	3.10	26.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.50	UD	3.50	26.0	ug/L
191-24-2	Benzo(g,h,i)perylene	3.60	UD	3.60	26.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.70	UD	2.70	26.0	ug/L
123-91-1	1,4-Dioxane	5.20	UD	5.20	26.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.80	UD	3.80	26.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	71.2		15 (10) - 110 (139)	47%	SPK: 150
13127-88-3	Phenol-d6	39.7		15 (10) - 110 (134)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.5		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	80.2		30 (48) - 130 (125)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	238000	7.746			
1146-65-2	Naphthalene-d8	834000	10.54			
15067-26-2	Acenaphthene-d10	563000	14.392			
1517-22-2	Phenanthrene-d10	1150000	17.145			
1719-03-5	Chrysene-d12	1120000	21.392			
1520-96-3	Perylene-d12	1140000	24.386			

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\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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

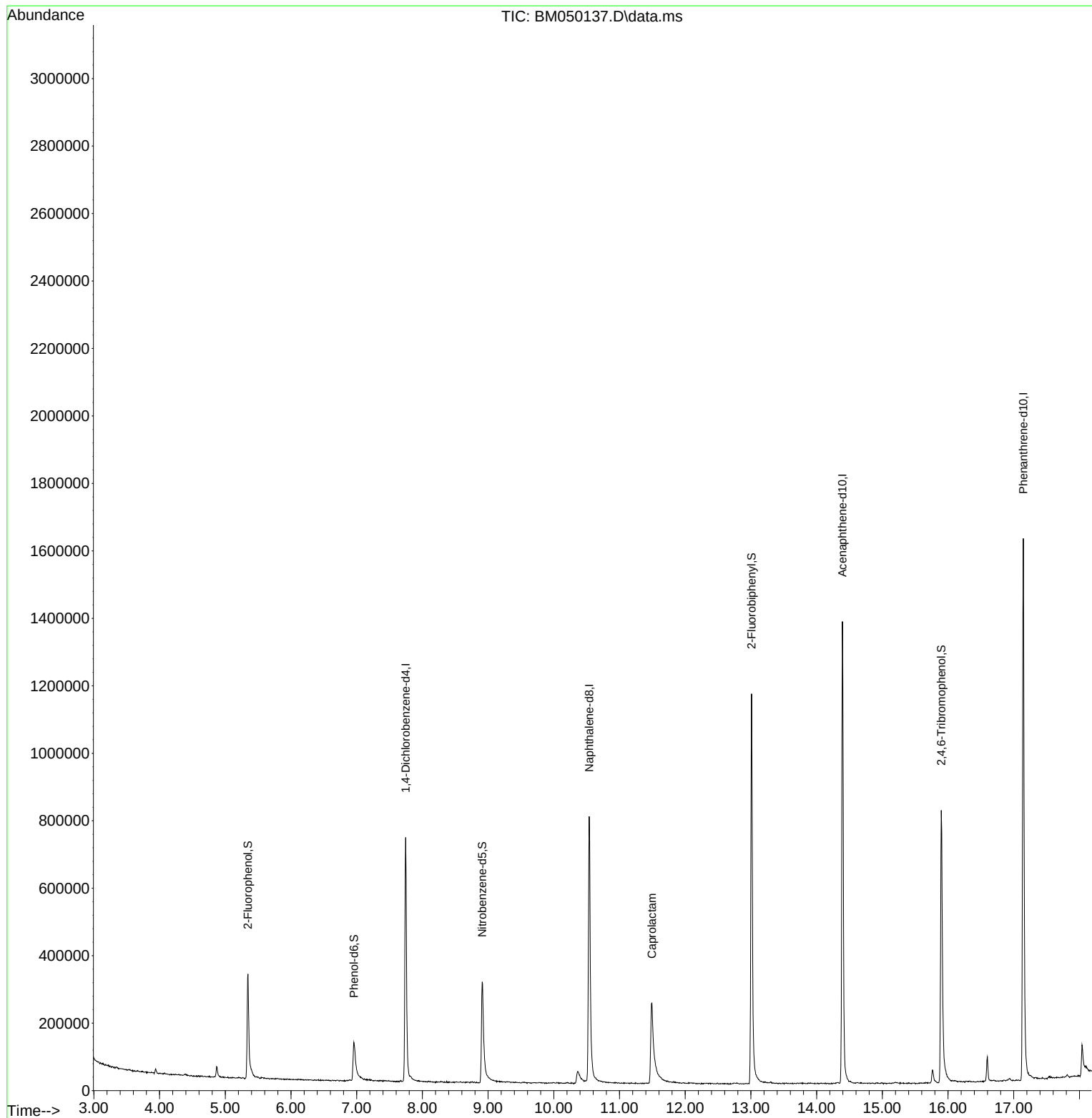
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	237908	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	833708	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	563306	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1154973	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1121664	20.000	ng	0.00
86) Perylene-d12	24.386	264	1136201	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	193342	14.231	ng	-0.01
7) Phenol-d6	6.957	99	135739	7.949	ng	0.00
23) Nitrobenzene-d5	8.910	82	275583	16.288	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	223621	26.848	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	748052	15.710	ng	-0.02
79) Terphenyl-d14	19.768	244	1216066	16.043	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.492	113	95555m	23.603	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

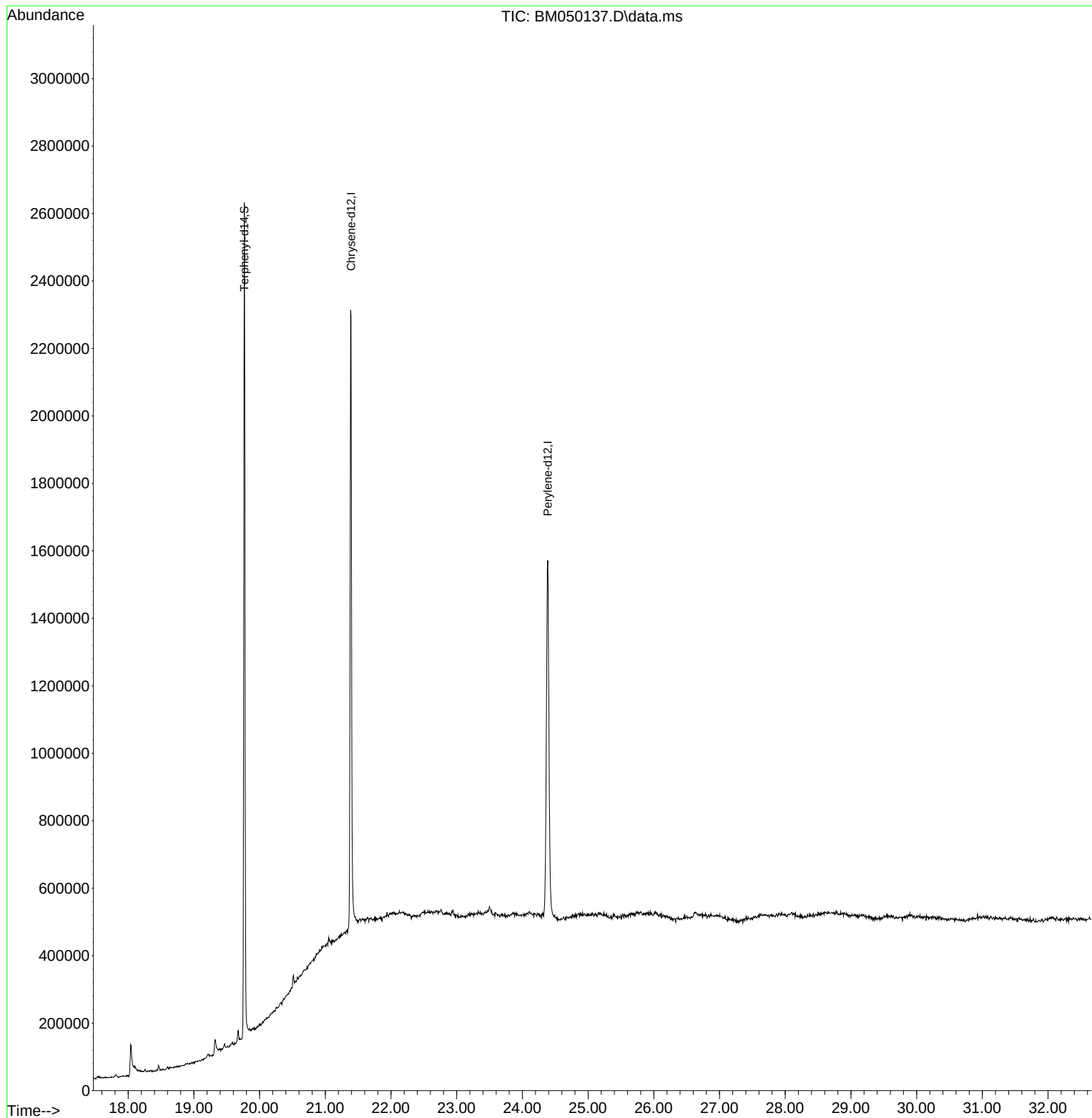
Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

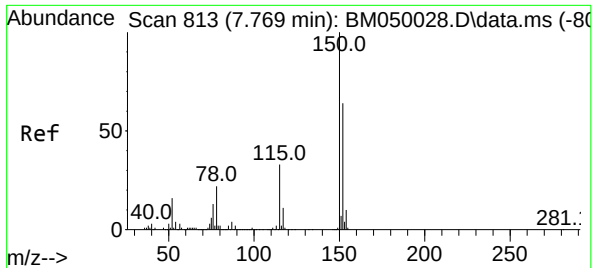


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050137.D
Acq On : 07 May 2025 16:24
Operator : RC/JU
Sample : Q1945-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB1WDL

Quant Time: May 07 17:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

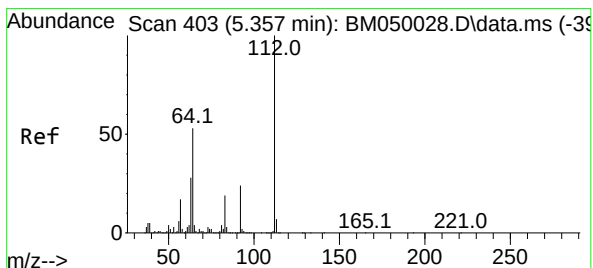
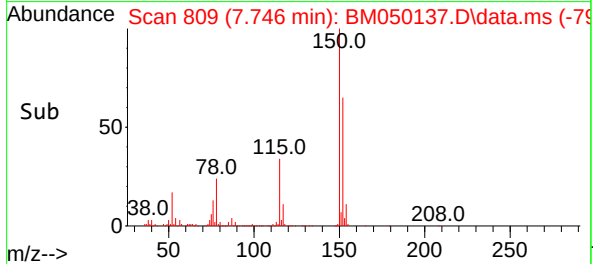
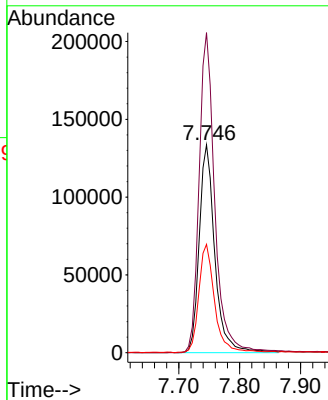
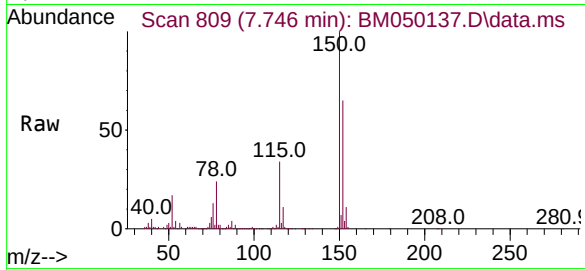




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

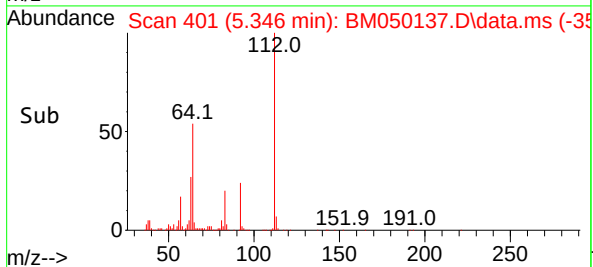
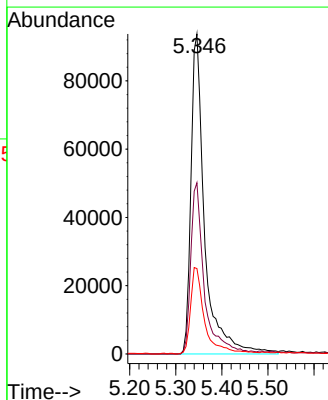
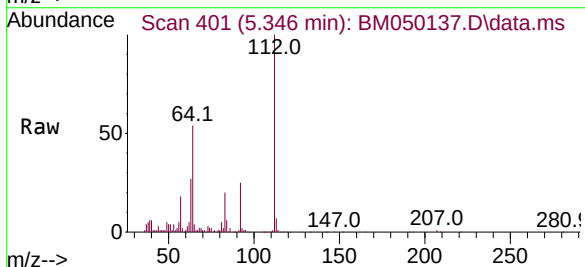
Instrument :
BNA_M
ClientSampleId :
GB1WDL

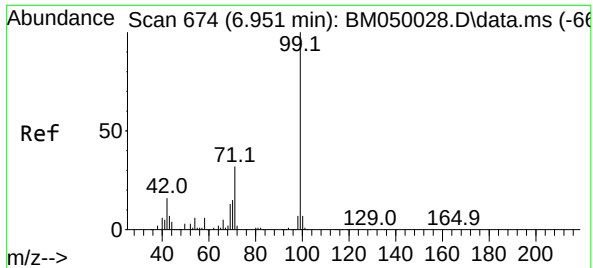
Tgt Ion:152 Resp: 237908
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 52.1 41.2 61.8



#5
2-Fluorophenol
Concen: 14.231 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:112 Resp: 193342
Ion Ratio Lower Upper
112 100
64 53.5 42.6 64.0
63 26.7 22.2 33.4

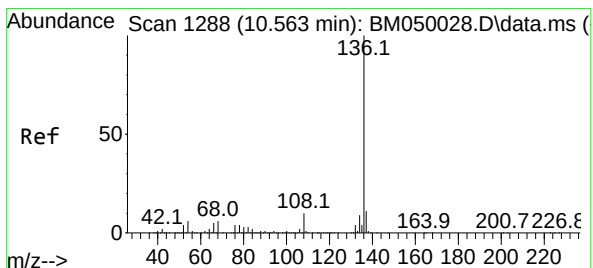
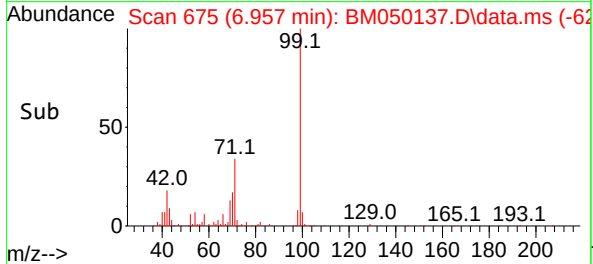
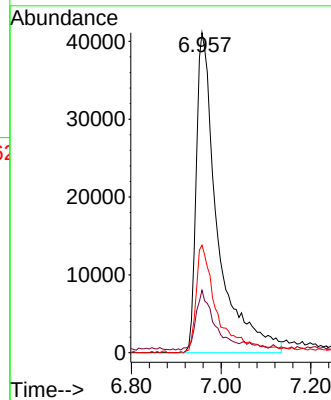
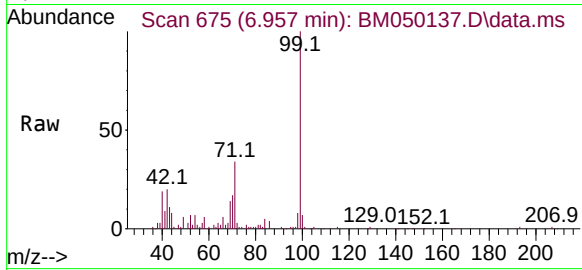




#7
Phenol-d6
Concen: 7.949 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

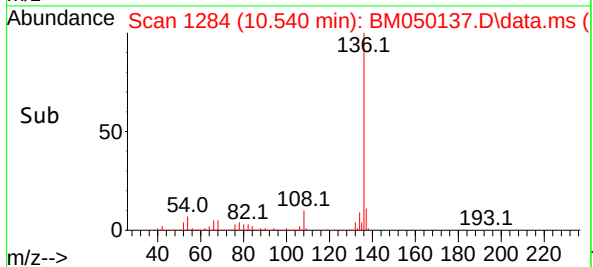
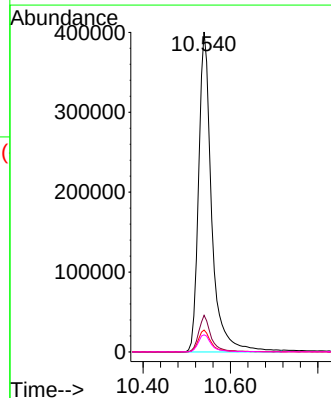
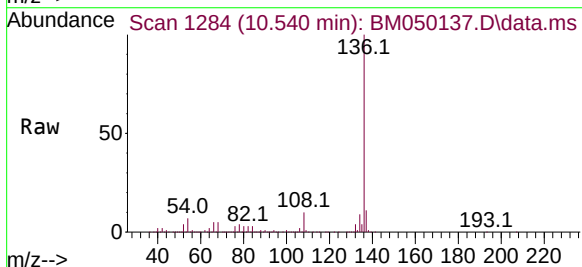
Instrument :
BNA_M
ClientSampleId :
GB1WDL

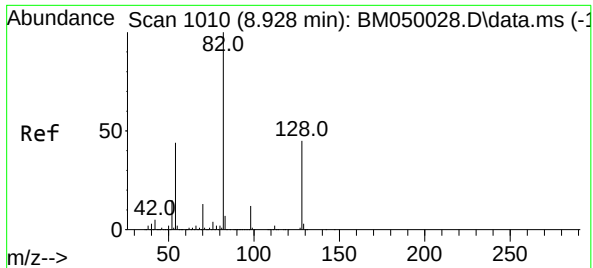
Tgt Ion: 99 Resp: 135739
Ion Ratio Lower Upper
99 100
42 19.5 13.0 19.4#
71 33.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion: 136 Resp: 833708
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.8 5.1 7.7
68 5.4 4.4 6.6

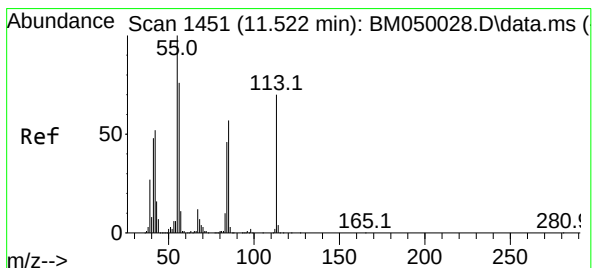
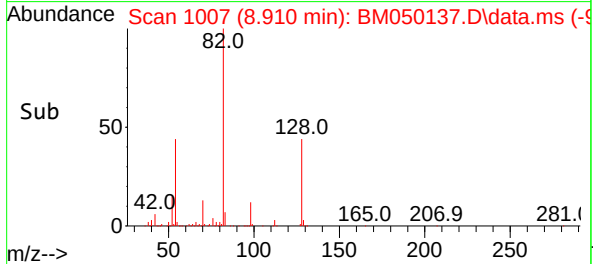
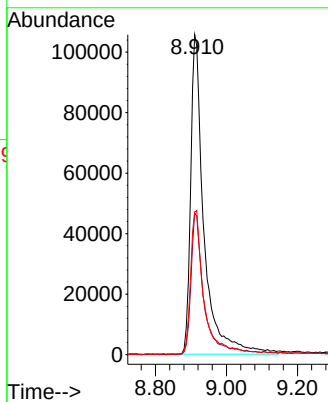
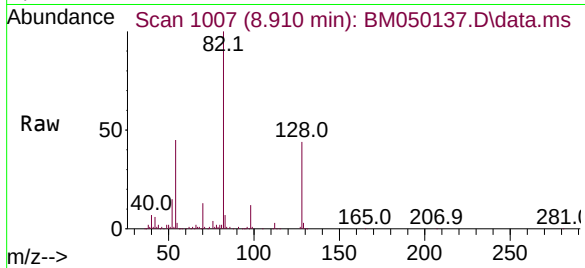




#23
Nitrobenzene-d5
Concen: 16.288 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

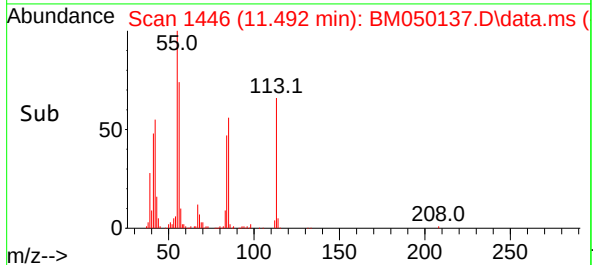
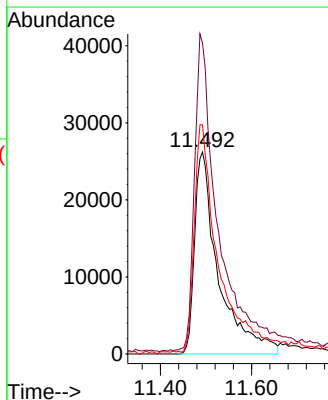
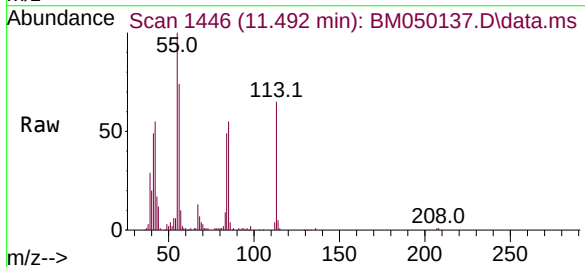
Instrument :
BNA_M
ClientSampleId :
GB1WDL

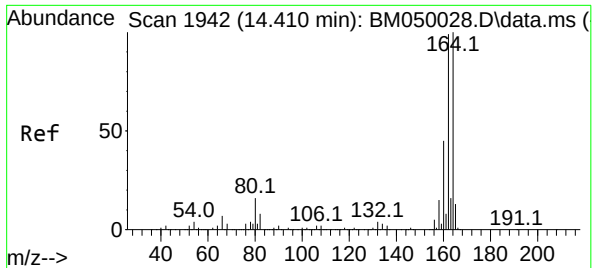
Tgt Ion: 82 Resp: 275583
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 44.6 35.4 53.2



#35
Caprolactam
Concen: 23.603 ng m
RT: 11.492 min Scan# 1446
Delta R.T. -0.029 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion: 113 Resp: 95555
Ion Ratio Lower Upper
113 100
55 153.9 122.9 162.9
56 113.5 88.1 128.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.018 min

Lab File: BM050137.D

Acq: 07 May 2025 16:24

Instrument :

BNA_M

ClientSampleId :

GB1WDL

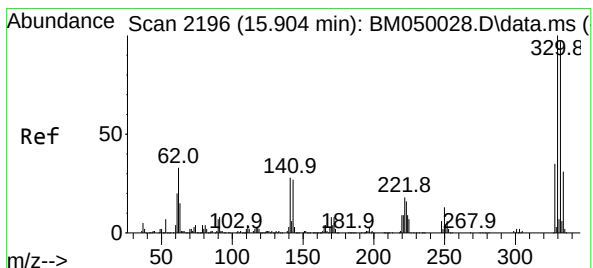
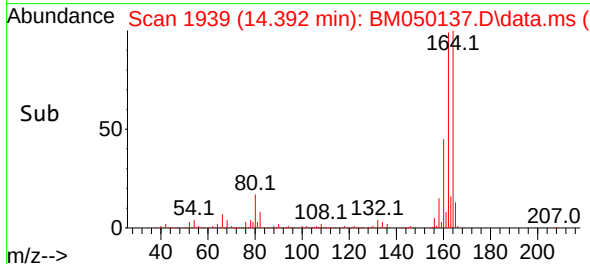
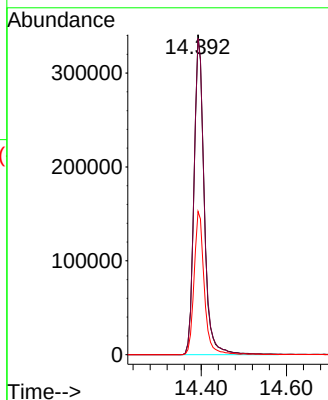
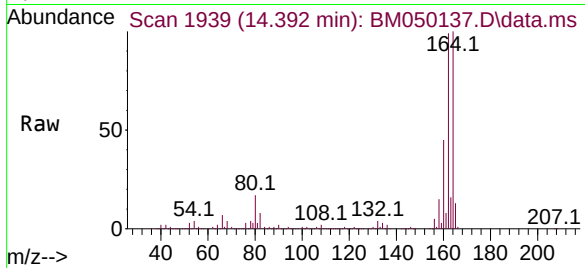
Tgt Ion:164 Resp: 563306

Ion Ratio Lower Upper

164 100

162 98.9 79.4 119.0

160 44.8 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 26.848 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM050137.D

Acq: 07 May 2025 16:24

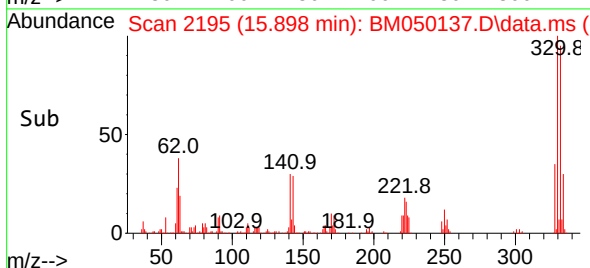
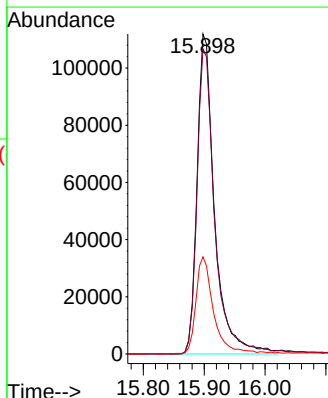
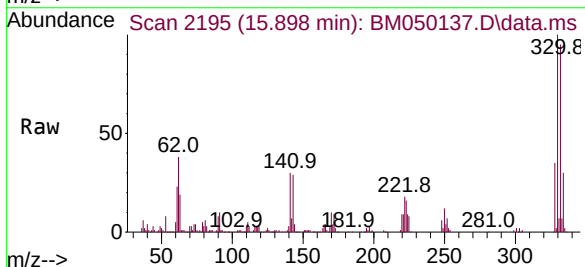
Tgt Ion:330 Resp: 223621

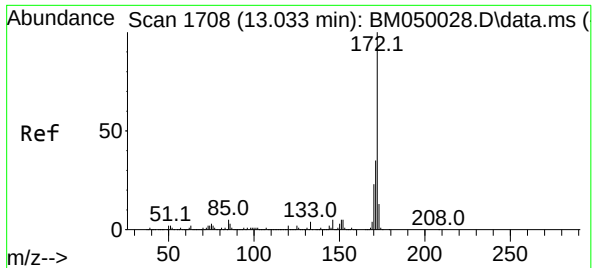
Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 31.1 22.5 33.7

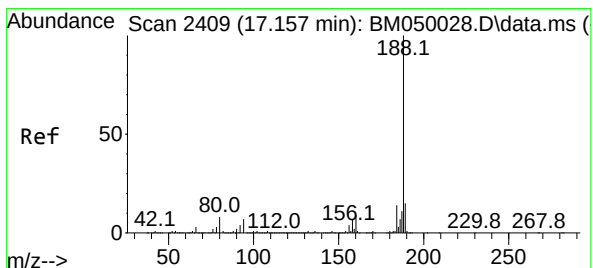
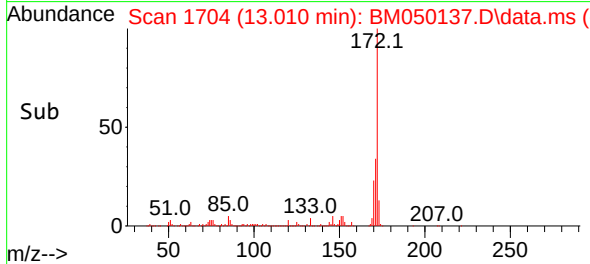
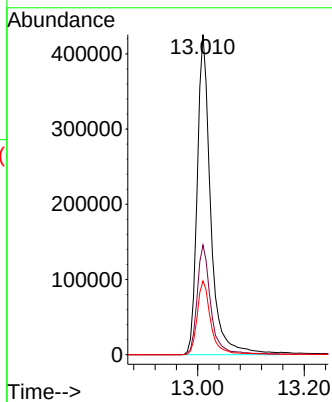
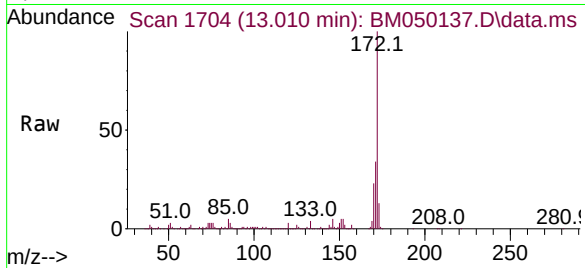




#45
2-Fluorobiphenyl
Concen: 15.710 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

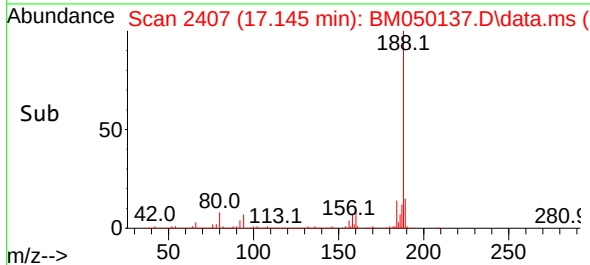
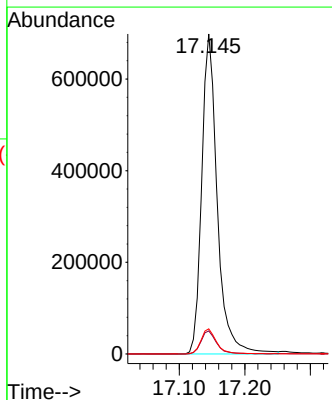
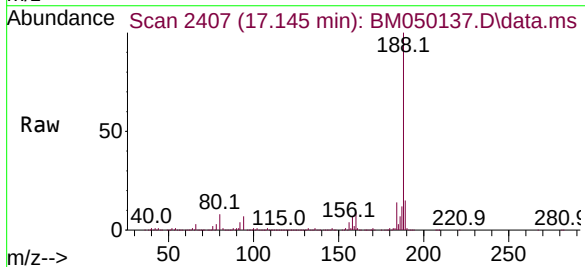
Instrument :
BNA_M
ClientSampleId :
GB1WDL

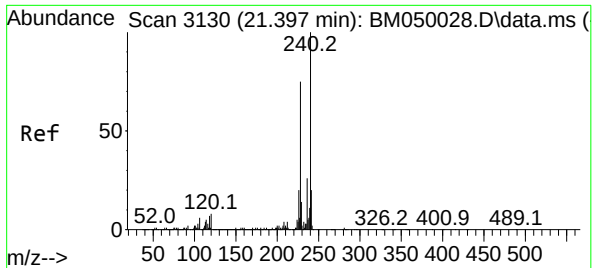
Tgt Ion:172 Resp: 748052
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.0 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Tgt Ion:188 Resp: 1154973
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.9 6.2 9.4

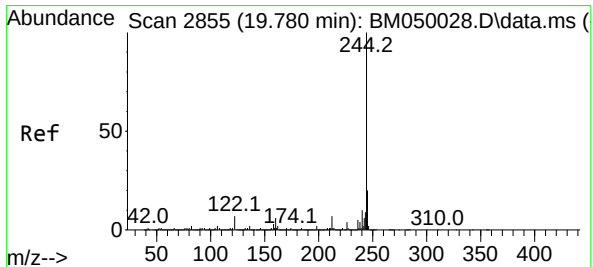
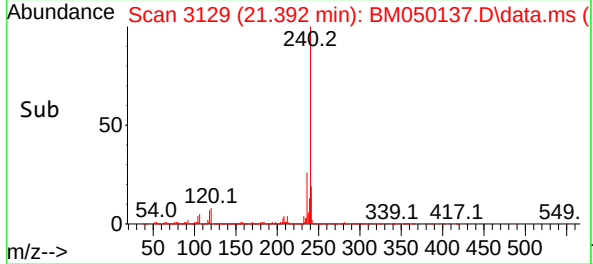
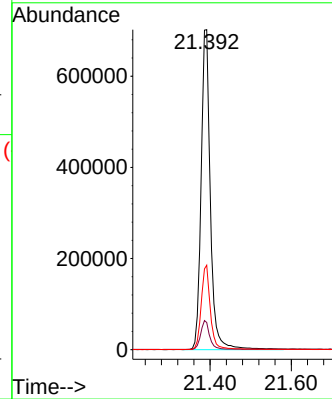
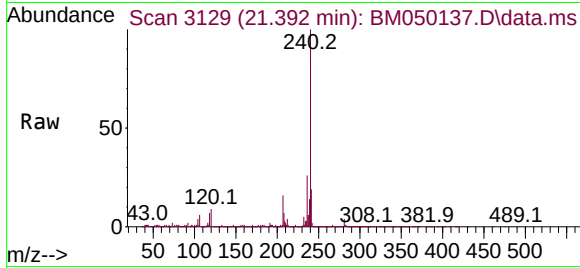




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

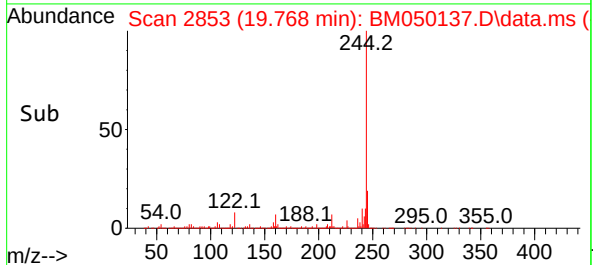
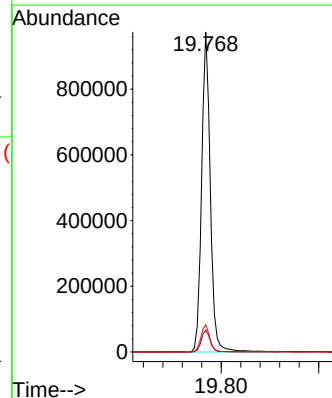
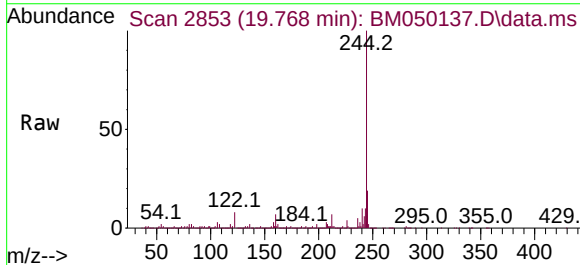
Instrument :
BNA_M
ClientSampleId :
GB1WDL

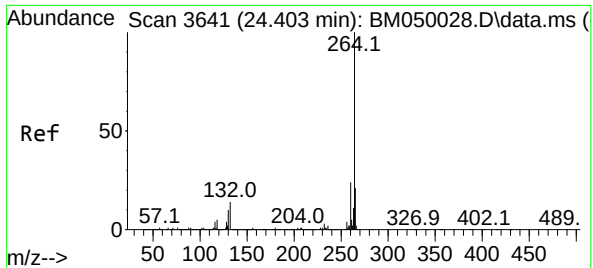
Tgt Ion:240 Resp: 1121664
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 16.043 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

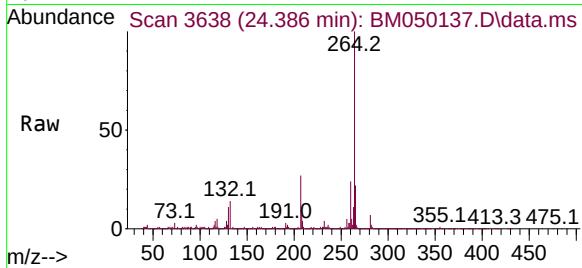
Tgt Ion:244 Resp: 1216066
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 8.5 5.6 8.4#



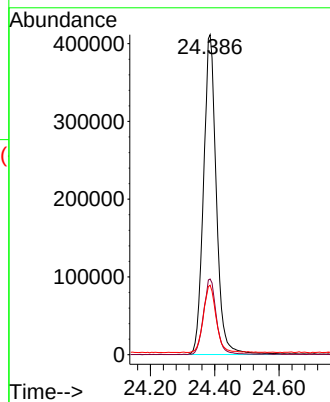
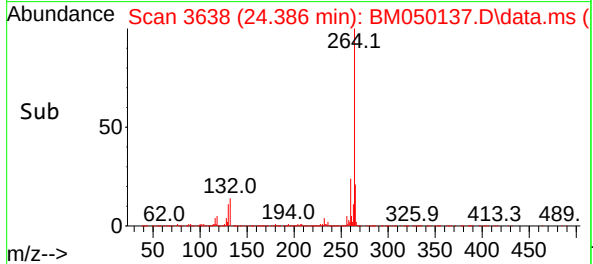


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM050137.D
Acq: 07 May 2025 16:24

Instrument :
BNA_M
ClientSampleId :
GB1WDL



Tgt Ion:264 Resp: 1136201
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.7 17.0 25.4



Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3510C	Level :	LOW
		Test:	SVOCMS Group1
		Final Vol:	1000
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.70	U	4.70	11.9	ug/L
62-53-3	Aniline	1.80	U	1.80	6.00	ug/L
108-95-2	Phenol	1.10	U	1.10	6.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.96	U	0.96	6.00	ug/L
95-57-8	2-Chlorophenol	0.69	U	0.69	6.00	ug/L
95-48-7	2-Methylphenol	1.30	U	1.30	6.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	6.00	ug/L
98-86-2	Acetophenone	0.88	U	0.88	6.00	ug/L
65794-96-9	3+4-Methylphenols	1.30	U	1.30	11.9	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	3.00	ug/L
67-72-1	Hexachloroethane	0.77	U	0.77	6.00	ug/L
98-95-3	Nitrobenzene	0.90	U	0.90	6.00	ug/L
78-59-1	Isophorone	0.89	U	0.89	6.00	ug/L
88-75-5	2-Nitrophenol	2.10	U	2.10	6.00	ug/L
105-67-9	2,4-Dimethylphenol	2.20	U	2.20	6.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.81	U	0.81	6.00	ug/L
120-83-2	2,4-Dichlorophenol	0.62	U	0.62	6.00	ug/L
91-20-3	Naphthalene	0.60	U	0.60	6.00	ug/L
106-47-8	4-Chloroaniline	1.00	UQ	1.00	6.00	ug/L
87-68-3	Hexachlorobutadiene	0.64	U	0.64	6.00	ug/L
105-60-2	Caprolactam	190	E	1.30	11.9	ug/L
59-50-7	4-Chloro-3-methylphenol	0.70	U	0.70	6.00	ug/L
91-57-6	2-Methylnaphthalene	0.67	U	0.67	6.00	ug/L
77-47-4	Hexachlorocyclopentadiene	4.30	U	4.30	11.9	ug/L
88-06-2	2,4,6-Trichlorophenol	0.61	U	0.61	6.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.74	U	0.74	6.00	ug/L
92-52-4	1,1-Biphenyl	0.63	U	0.63	6.00	ug/L
91-58-7	2-Chloronaphthalene	0.73	U	0.73	6.00	ug/L
88-74-4	2-Nitroaniline	1.50	U	1.50	6.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.73	U	0.73	6.00	ug/L
208-96-8	Acenaphthylene	0.89	U	0.89	6.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.10	U	1.10	6.00	ug/L
99-09-2	3-Nitroaniline	1.30	UQ	1.30	6.00	ug/L
83-32-9	Acenaphthene	0.65	U	0.65	6.00	ug/L
51-28-5	2,4-Dinitrophenol	7.10	U	7.10	11.9	ug/L
100-02-7	4-Nitrophenol	2.80	U	2.80	11.9	ug/L
132-64-9	Dibenzofuran	0.73	U	0.73	6.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	6.00	ug/L
84-66-2	Diethylphthalate	0.82	U	0.82	6.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.81	U	0.81	6.00	ug/L
86-73-7	Fluorene	0.75	U	0.75	6.00	ug/L
100-01-6	4-Nitroaniline	1.80	U	1.80	6.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.40	U	3.40	11.9	ug/L
86-30-6	n-Nitrosodiphenylamine	0.69	U	0.69	6.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.48	U	0.48	6.00	ug/L
118-74-1	Hexachlorobenzene	0.62	U	0.62	6.00	ug/L
1912-24-9	Atrazine	1.20	U	1.20	6.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	11.9	ug/L
85-01-8	Phenanthrene	0.60	U	0.60	6.00	ug/L
120-12-7	Anthracene	0.73	U	0.73	6.00	ug/L
86-74-8	Carbazole	0.86	U	0.86	6.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	6.00	ug/L
206-44-0	Fluoranthene	0.98	U	0.98	6.00	ug/L
129-00-0	Pyrene	0.60	U	0.60	6.00	ug/L
85-68-7	Butylbenzylphthalate	2.30	U	2.30	6.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.10	UQ	1.10	11.9	ug/L
56-55-3	Benzo(a)anthracene	0.54	U	0.54	6.00	ug/L
218-01-9	Chrysene	0.52	U	0.52	6.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	6.00	ug/L
117-84-0	Di-n-octyl phthalate	2.80	U	2.80	11.9	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	6.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.57	U	0.57	6.00	ug/L
50-32-8	Benzo(a)pyrene	0.65	U	0.65	6.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.70	U	0.70	6.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.80	U	0.80	6.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	6.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.62	U	0.62	6.00	ug/L
123-91-1	1,4-Dioxane	1.20	U	1.20	6.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.86	U	0.86	6.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	81.7		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	54.3		15 (10) - 110 (134)	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.4		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		30 (48) - 130 (125)	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	243000	7.745
1146-65-2	Naphthalene-d8	891000	10.539
15067-26-2	Acenaphthene-d10	636000	14.392
1517-22-2	Phenanthrene-d10	1260000	17.145
1719-03-5	Chrysene-d12	1190000	21.386
1520-96-3	Perylene-d12	1260000	24.385

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.00	AB	4.86	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.90	J	8.85	ug/L
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	8.70	J	9.94	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	4.70	J	10.7	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	4.30	J	11.6	ug/L
000700-12-9	Benzene, pentamethyl-	4.80	J	11.9	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050135.D	1	05/07/25 08:53	05/07/25 15:05	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	6.40	J		11.9	ug/L
	unknown12.398	8.00	J		12.4	ug/L
	unknown12.933	6.40	J		12.9	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	6.60	J		13.6	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	5.10	J		13.9	ug/L
002245-38-7	Naphthalene, 1,6,7-trimethyl-	5.30	J		14.8	ug/L
000829-26-5	Naphthalene, 2,3,6-trimethyl-	5.30	J		15.0	ug/L
001560-96-9	Tridecane, 2-methyl-	7.40	J		15.7	ug/L
000119-61-9	Benzophenone	6.80	J		15.8	ug/L
006418-41-3	Tridecane, 3-methyl-	17.6	J		16.1	ug/L
000629-50-5	Tridecane	5.40	J		17.0	ug/L
000057-10-3	n-Hexadecanoic acid	15.5	J		18.0	ug/L
021771-74-4	1-Hydroxy-4-methyl-2-oxo-1,2-dihyd	6.10	J		18.1	ug/L
000057-11-4	Octadecanoic acid	5.40	J		19.3	ug/L

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\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Time: May 07 15:45:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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

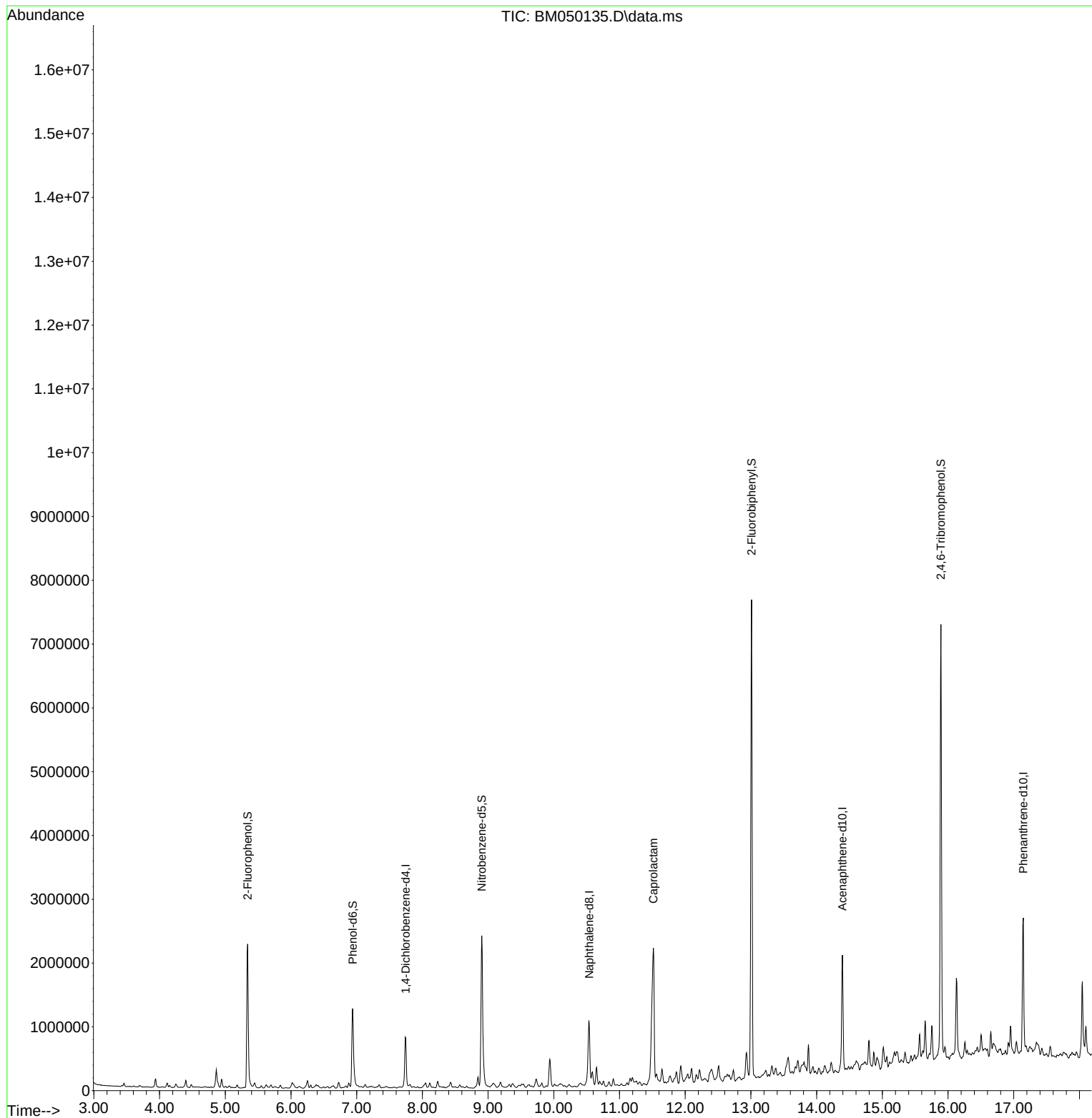
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	242816	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	891368	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	635661	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1255364	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1187377	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1257762	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1133119	81.715	ng	-0.02
7) Phenol-d6	6.940	99	946530	54.309	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1472624	81.409	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1486604	158.165	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4125107	76.770	ng	-0.02
79) Terphenyl-d14	19.768	244	6648397	82.854	ng	-0.01
Target Compounds						
35) Caprolactam	11.516	113	673454	155.586	ng	Qvalue 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

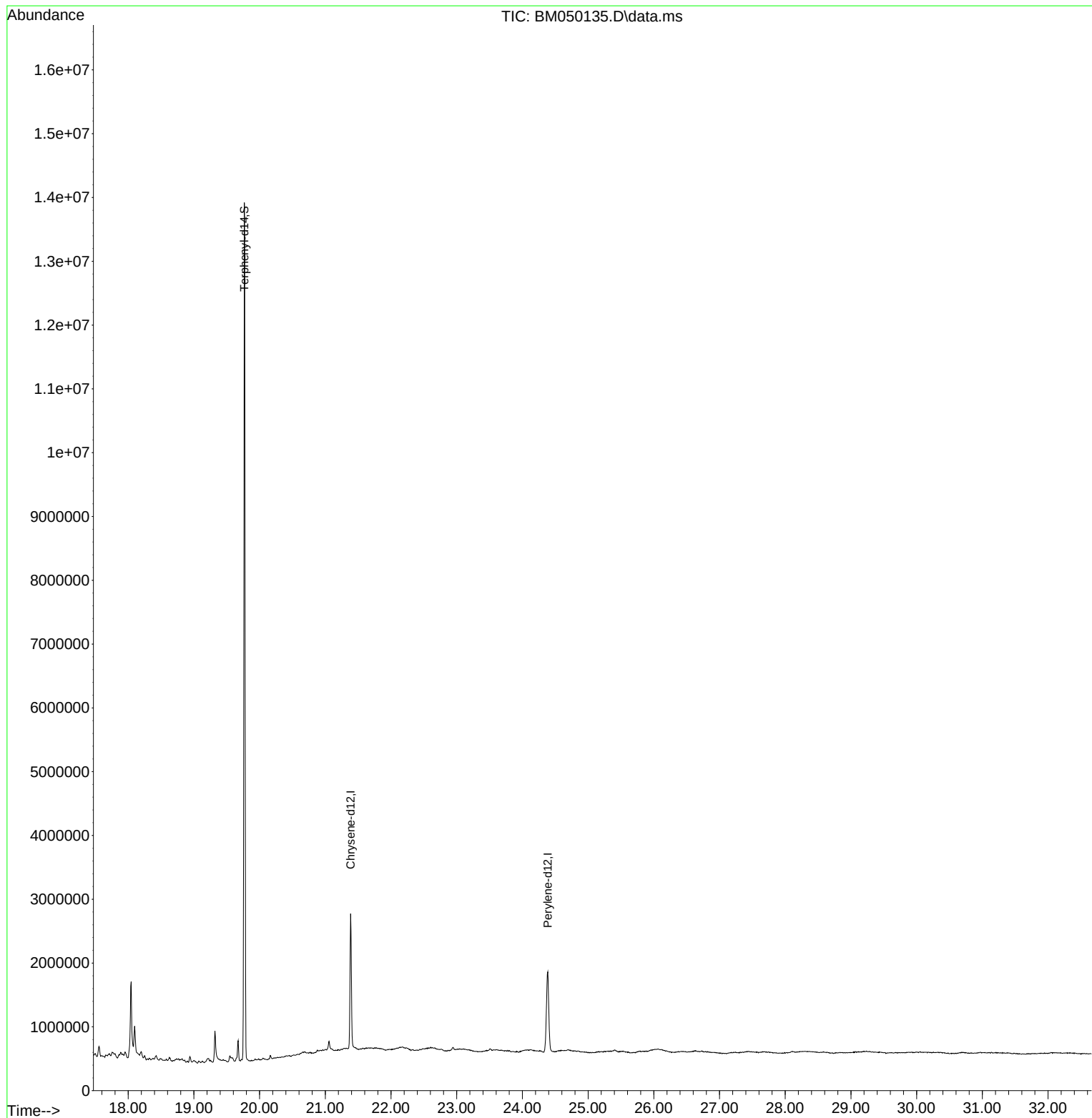
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

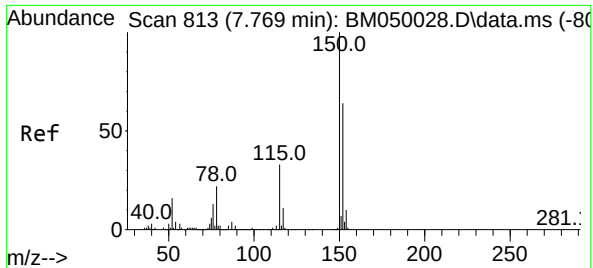


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Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Time: May 07 15:45:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

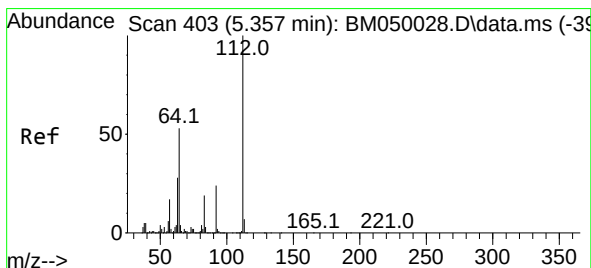
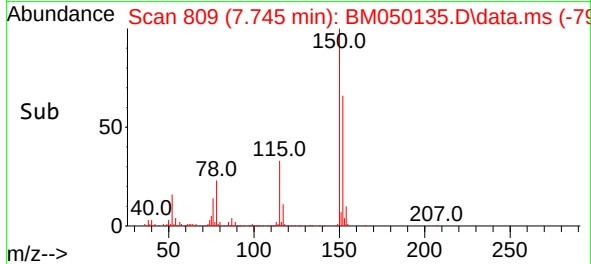
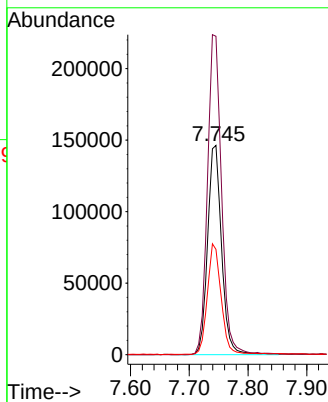
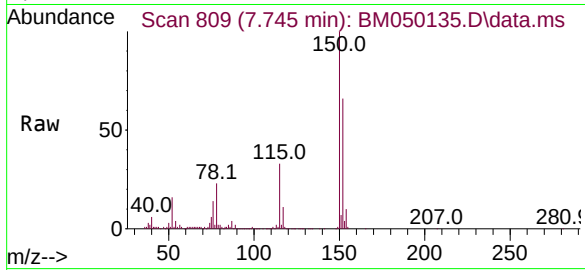




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

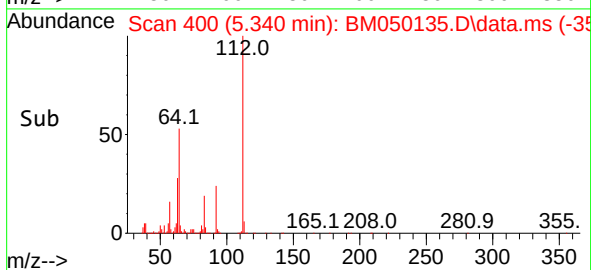
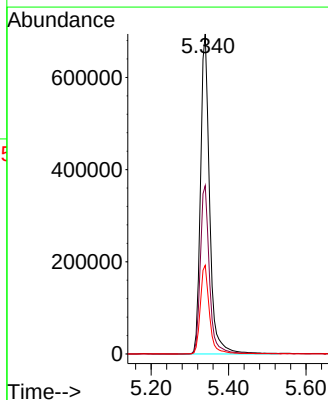
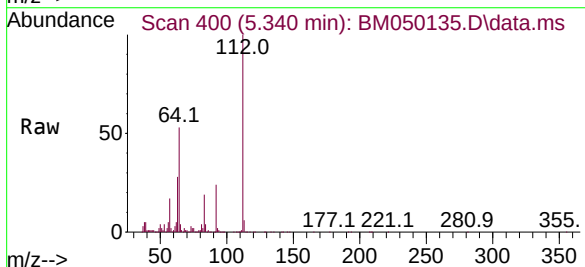
Instrument :
BNA_M
ClientSampleId :
GB3W

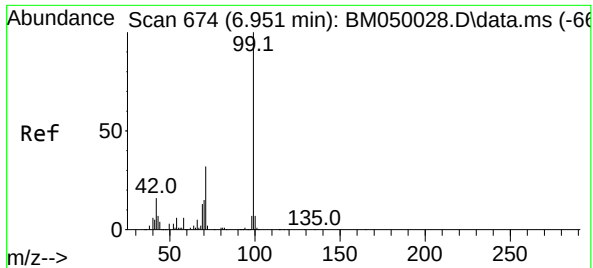
Tgt Ion:152 Resp: 242816
Ion Ratio Lower Upper
152 100
150 152.1 124.1 186.1
115 50.3 41.2 61.8



#5
2-Fluorophenol
Concen: 81.715 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:112 Resp: 1133119
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 27.7 22.2 33.4

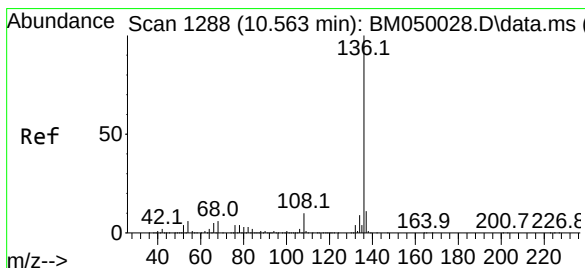
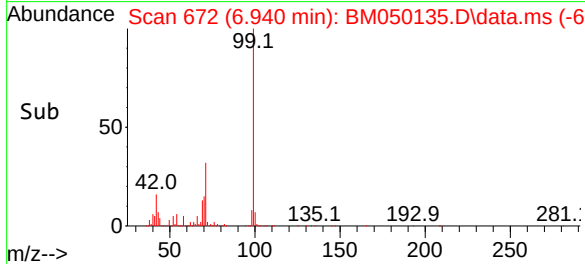
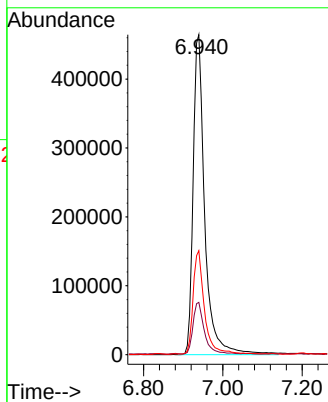
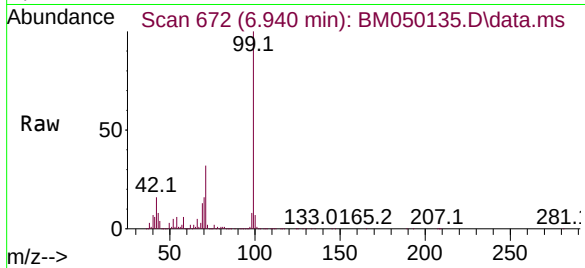




#7
Phenol-d6
Concen: 54.309 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

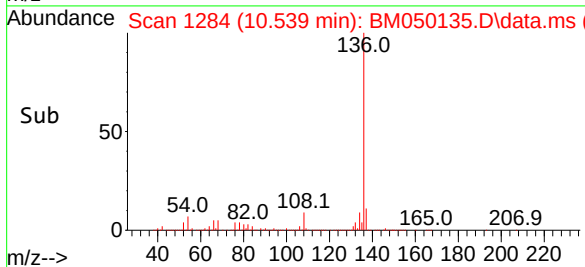
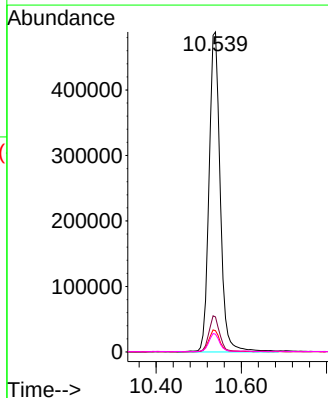
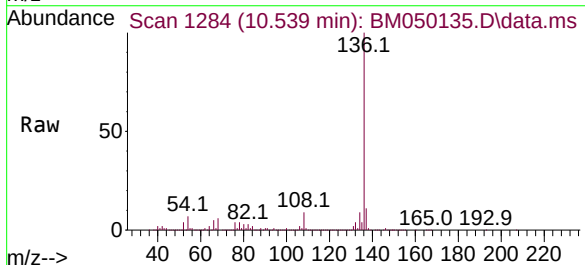
Instrument :
BNA_M
ClientSampleId :
GB3W

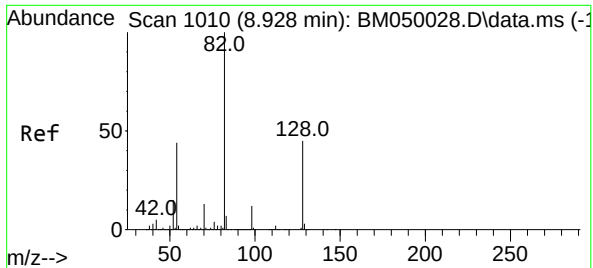
Tgt Ion: 99 Resp: 946530
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.4
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion: 136 Resp: 891368
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.7 5.1 7.7
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 81.409 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050135.D

Acq: 07 May 2025 15:05

Instrument :

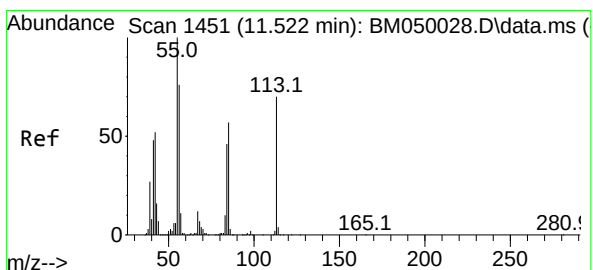
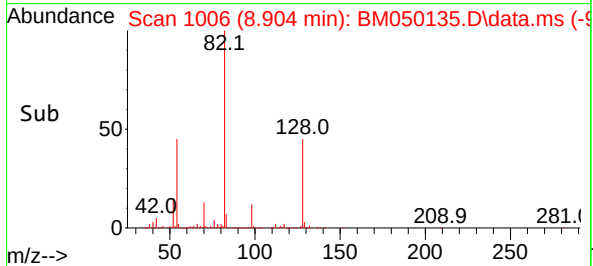
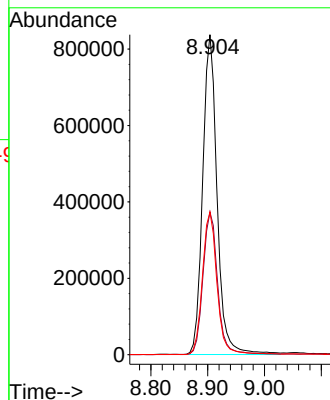
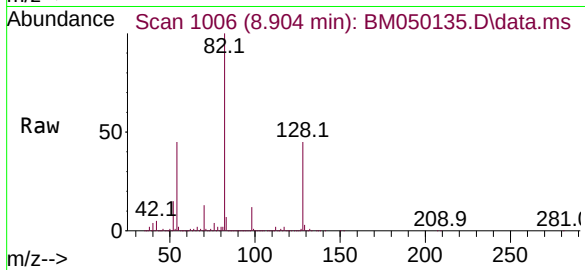
BNA_M

ClientSampleId :

GB3W

Tgt Ion: 82 Resp: 1472624

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.6	35.4	53.2



#35

Caprolactam

Concen: 155.586 ng

RT: 11.516 min Scan# 1450

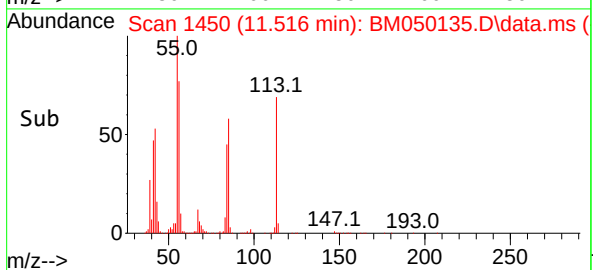
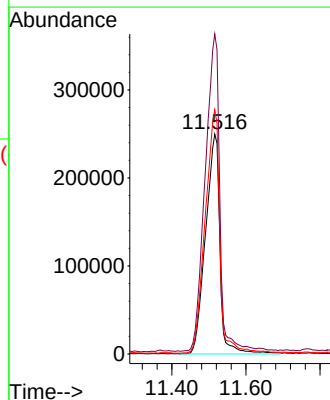
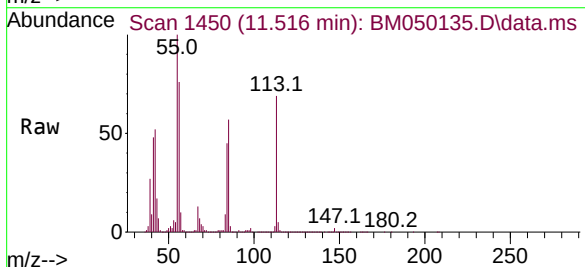
Delta R.T. -0.006 min

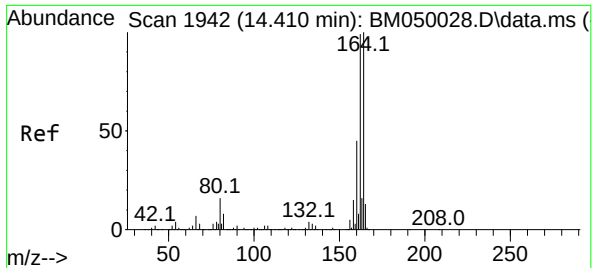
Lab File: BM050135.D

Acq: 07 May 2025 15:05

Tgt Ion: 113 Resp: 673454

Ion	Ratio	Lower	Upper
113	100		
55	145.5	122.9	162.9
56	111.1	88.1	128.1

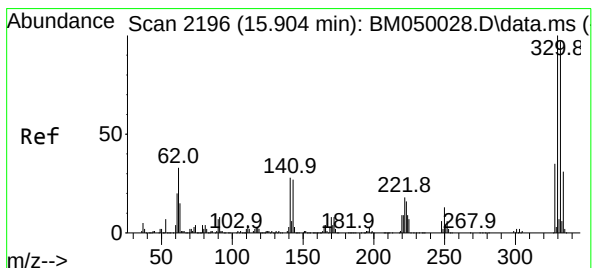
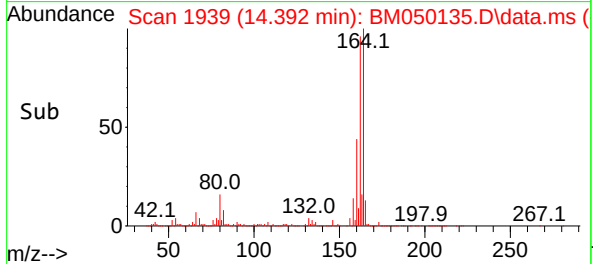
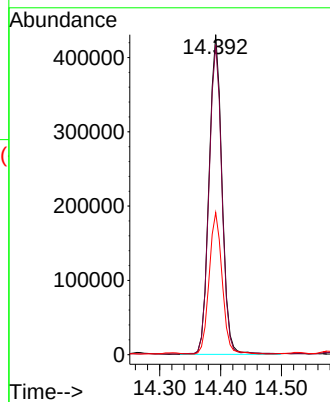
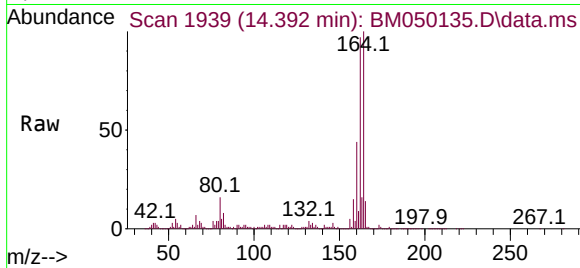




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

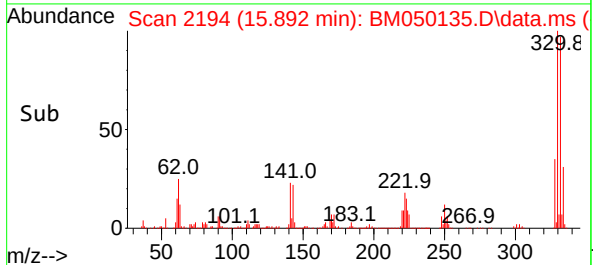
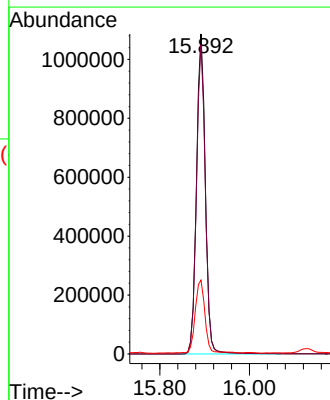
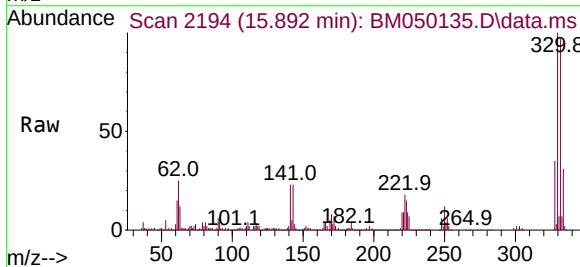
Instrument :
BNA_M
ClientSampleId :
GB3W

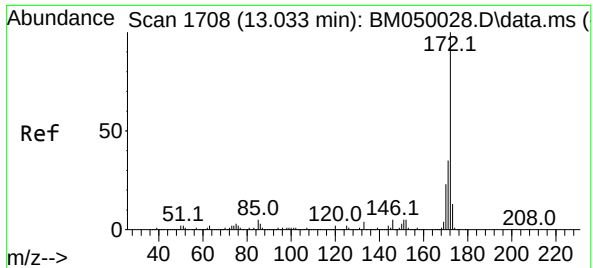
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	79.4	119.0
160	44.4	36.2	54.4



#42
2,4,6-Tribromophenol
Concen: 158.165 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	25.3	22.5	33.7

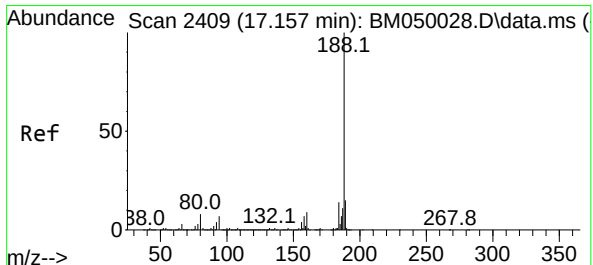
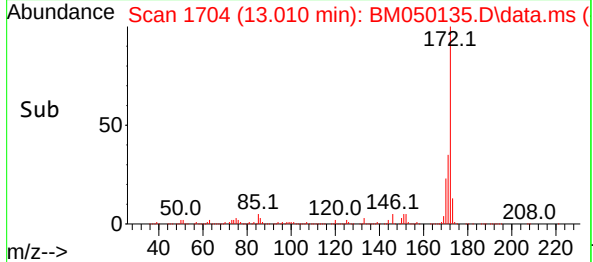
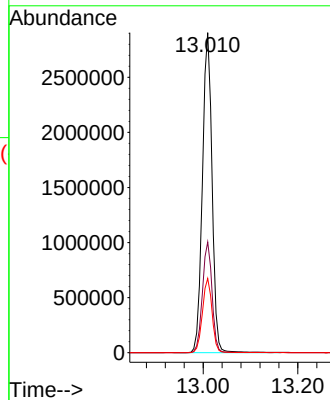
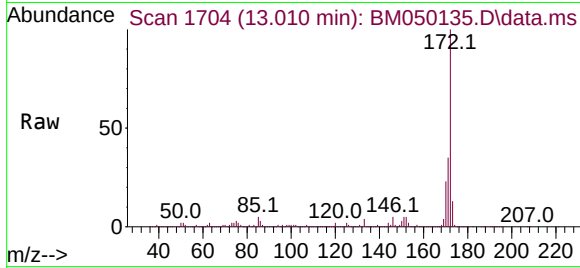




#45
2-Fluorobiphenyl
Concen: 76.770 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

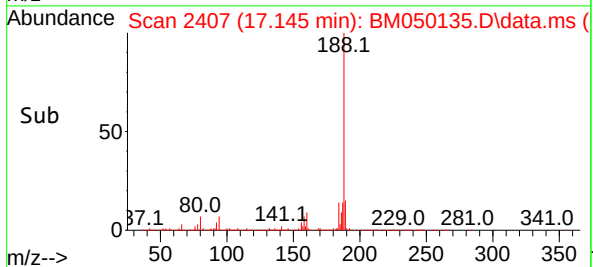
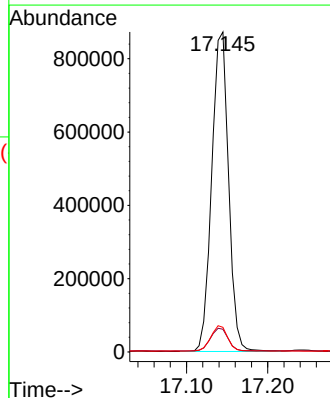
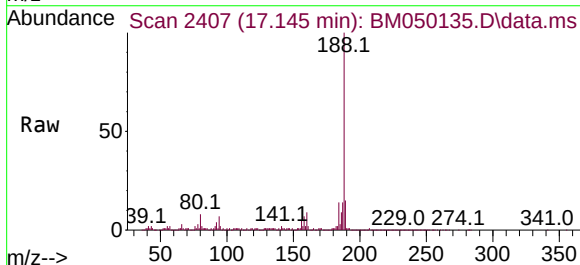
Instrument :
BNA_M
ClientSampleId :
GB3W

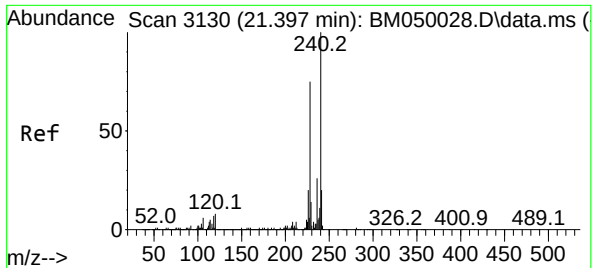
Tgt Ion:172 Resp: 4125107
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:188 Resp: 1255364
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.7 6.2 9.4

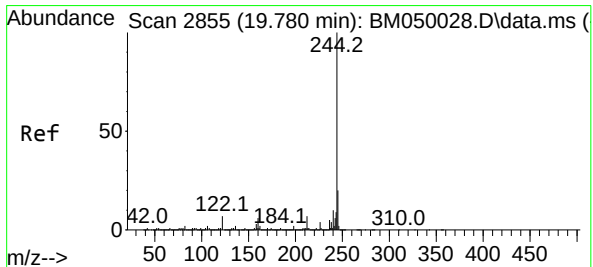
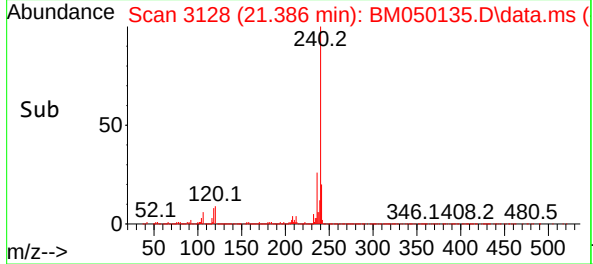
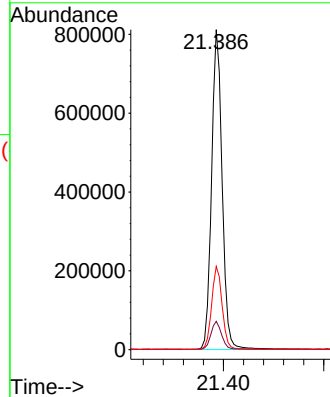
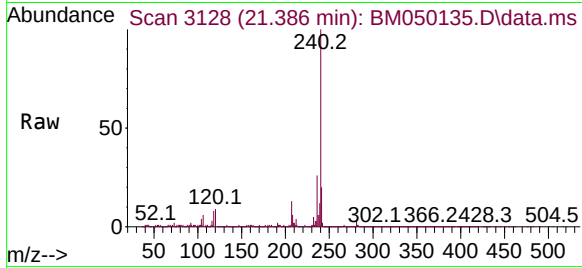




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

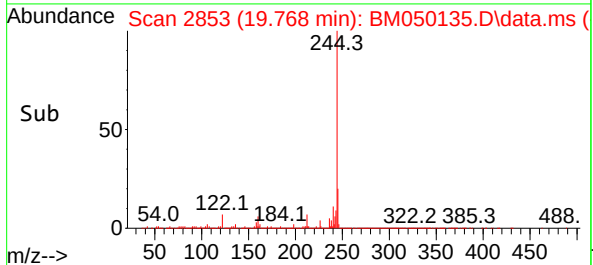
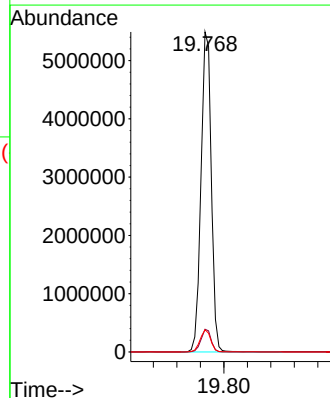
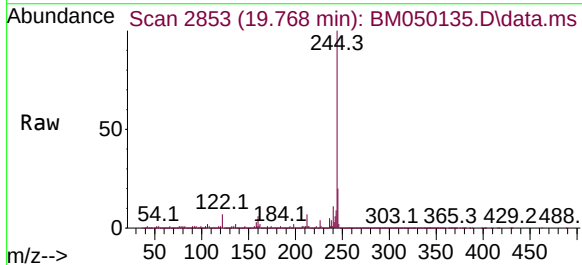
Instrument :
BNA_M
ClientSampleId :
GB3W

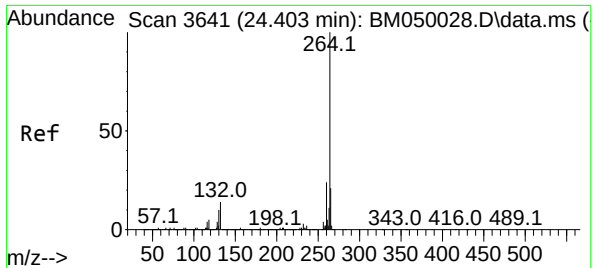
Tgt Ion:240 Resp: 1187377
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 82.854 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Tgt Ion:244 Resp: 6648397
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.9 5.6 8.4

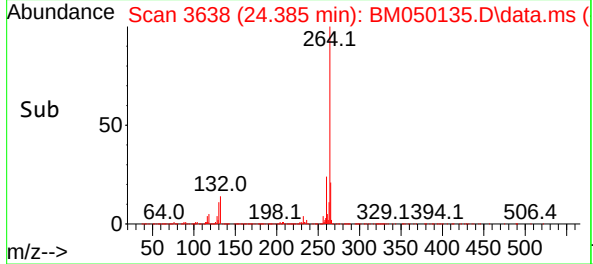
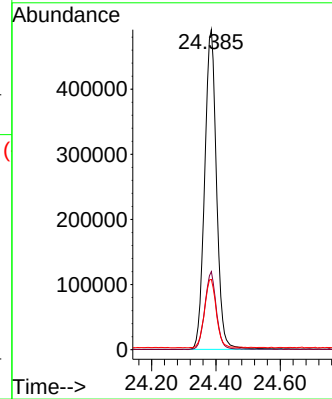
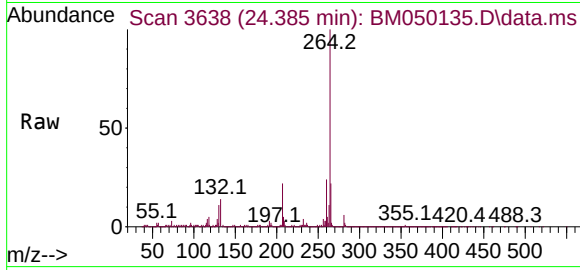




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM050135.D
Acq: 07 May 2025 15:05

Instrument :
BNA_M
ClientSampleId :
GB3W

Tgt Ion:264 Resp: 1257762
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.0 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050135.D
 Acq On : 07 May 2025 15:05
 Operator : RC/JU
 Sample : Q1945-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB3W

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050135.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.940	156	162	169	rVB	126985	185131	1.13%	0.197%
2	4.399	231	240	249	rVB2	116058	203207	1.24%	0.216%
3	4.863	310	319	328	rBV2	279159	512582	3.13%	0.546%
4	4.946	328	333	339	rVV	123020	177135	1.08%	0.189%
5	5.340	394	400	412	rBV	2249464	3618871	22.12%	3.852%
6	6.022	507	516	528	rBV4	83342	238845	1.46%	0.254%
7	6.251	543	555	560	rBV3	118742	238193	1.46%	0.254%
8	6.940	666	672	690	rVB	1227926	2382329	14.56%	2.536%
9	7.739	799	808	815	rBV	785516	1349752	8.25%	1.437%
10	8.045	848	860	865	rBV2	75028	184565	1.13%	0.196%
11	8.234	886	892	897	rBV	99943	171922	1.05%	0.183%
12	8.428	912	925	930	rBV4	86671	202395	1.24%	0.215%
13	8.845	983	996	1000	rBV	172913	335518	2.05%	0.357%
14	8.904	1000	1006	1021	rVB	2367040	4545303	27.79%	4.839%
15	9.081	1027	1036	1045	rVB7	66196	214525	1.31%	0.228%
16	9.186	1045	1054	1063	rBV	82379	183165	1.12%	0.195%
17	9.733	1139	1147	1154	rBV2	126513	281742	1.72%	0.300%
18	9.939	1176	1182	1190	rBV3	420537	771473	4.72%	0.821%
19	10.404	1251	1261	1267	rBV7	56475	187029	1.14%	0.199%
20	10.533	1272	1283	1289	rVV2	1018905	2118262	12.95%	2.255%
21	10.586	1289	1292	1298	rVV3	202209	335936	2.05%	0.358%
22	10.651	1298	1303	1308	rVV	268472	415252	2.54%	0.442%
23	10.904	1341	1346	1352	rBV	112280	181582	1.11%	0.193%
24	11.163	1385	1390	1393	rBV	101425	180061	1.10%	0.192%
25	11.516	1432	1450	1455	rBV	2149246	5744369	35.12%	6.115%
26	11.563	1455	1458	1463	rVV4	151255	299078	1.83%	0.318%
27	11.645	1467	1472	1478	rVB	216964	385537	2.36%	0.410%
28	11.769	1488	1493	1500	rVB6	95218	205058	1.25%	0.218%
29	11.863	1500	1509	1515	rVB3	179416	429065	2.62%	0.457%
30	11.933	1515	1521	1528	rBV3	272040	569652	3.48%	0.606%
31	12.039	1532	1539	1542	rVV2	111163	241622	1.48%	0.257%
32	12.098	1545	1549	1554	rVB2	217383	357668	2.19%	0.381%
33	12.169	1556	1561	1565	rBV3	114498	207173	1.27%	0.221%
34	12.216	1565	1569	1576	rVB	163044	295325	1.81%	0.314%
35	12.398	1591	1600	1608	rBV4	197117	711479	4.35%	0.757%
36	12.510	1614	1619	1629	rVB3	240460	500797	3.06%	0.533%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.733	1651	1657	1662	rVB	175606	319508	1.95%	0.340%
38	12.933	1685	1691	1697	rBV3	390116	762769	4.66%	0.812%
39	13.010	1697	1704	1710	rVV	7459677	10572857	64.63%	11.255%
40	13.321	1752	1757	1761	rBV	143596	239302	1.46%	0.255%
41	13.374	1763	1766	1771	rVB5	108431	174325	1.07%	0.186%
42	13.569	1789	1799	1805	rBV8	273687	784728	4.80%	0.835%
43	13.716	1820	1824	1829	rVB3	179089	299307	1.83%	0.319%
44	13.874	1847	1851	1856	rVB3	453806	602290	3.68%	0.641%
45	14.033	1875	1878	1884	rVB8	96224	173722	1.06%	0.185%
46	14.121	1890	1893	1901	rVB8	117521	237707	1.45%	0.253%
47	14.221	1906	1910	1916	rVB3	162839	296631	1.81%	0.316%
48	14.392	1931	1939	1946	rBV	1809614	2817828	17.23%	3.000%
49	14.798	2003	2008	2016	rVB2	402794	632030	3.86%	0.673%
50	14.868	2017	2020	2025	rBV	209049	263837	1.61%	0.281%
51	14.921	2025	2029	2037	rVB5	186841	449334	2.75%	0.478%
52	15.015	2040	2045	2051	rBV	308575	623234	3.81%	0.663%
53	15.345	2098	2101	2107	rVB2	163528	249924	1.53%	0.266%
54	15.568	2135	2139	2143	rVB2	342974	444177	2.72%	0.473%
55	15.651	2149	2153	2160	rVB2	596321	876819	5.36%	0.933%
56	15.751	2166	2170	2175	rVB2	524103	803686	4.91%	0.856%
57	15.892	2188	2194	2201	rVB	6709733	9334284	57.06%	9.937%
58	16.127	2229	2234	2247	rVB2	1260394	2228623	13.62%	2.372%
59	16.257	2253	2256	2260	rVB	175410	205301	1.26%	0.219%
60	16.504	2295	2298	2303	rVB3	244987	322082	1.97%	0.343%
61	16.651	2319	2323	2326	rBV	385565	539498	3.30%	0.574%
62	16.915	2365	2368	2371	rBV	178680	265310	1.62%	0.282%
63	16.951	2371	2374	2383	rVB2	433796	683418	4.18%	0.728%
64	17.145	2402	2407	2413	rBV	2086129	3022775	18.48%	3.218%
65	18.045	2553	2560	2566	rBV3	1177478	1969099	12.04%	2.096%
66	18.098	2566	2569	2582	rVB	463230	777127	4.75%	0.827%
67	19.321	2773	2777	2786	rBV	474846	730337	4.46%	0.777%
68	19.674	2834	2837	2841	rVB	313670	340063	2.08%	0.362%
69	19.768	2848	2853	2866	rVB	13451000	16358025	100.00%	17.413%
70	21.386	3123	3128	3145	rVB	2126941	3249054	19.86%	3.459%
71	24.385	3630	3638	3653	rVB	1248353	3128363	19.12%	3.330%

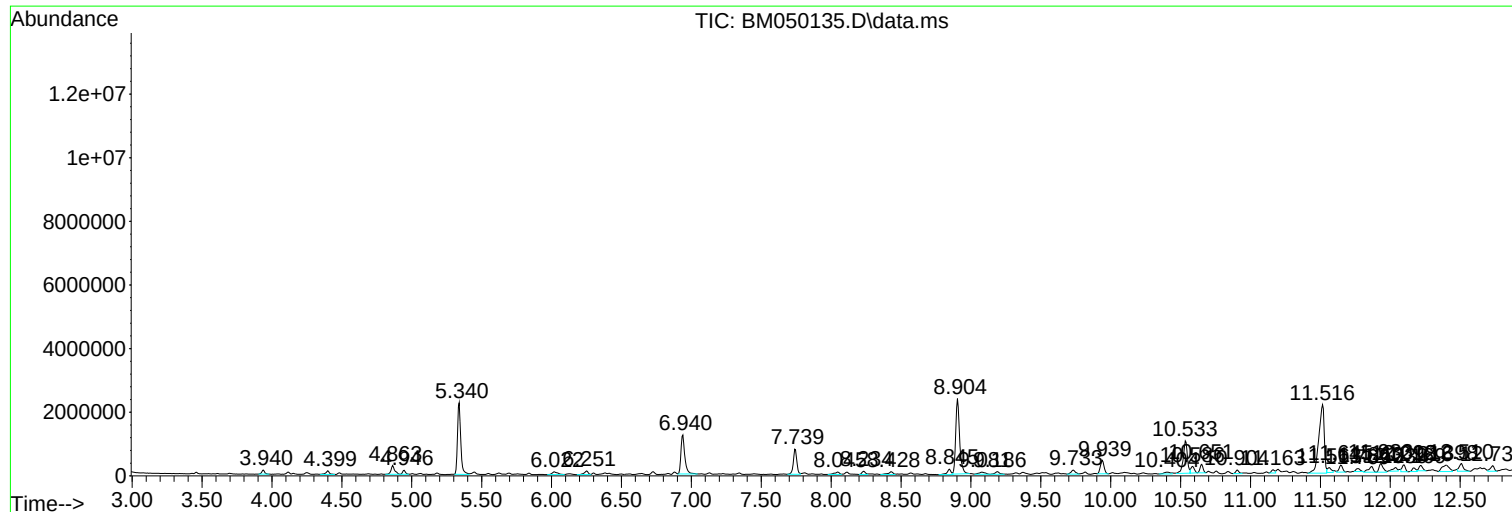
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

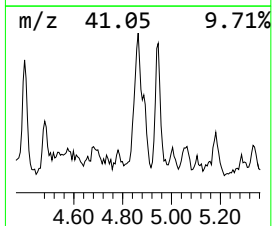
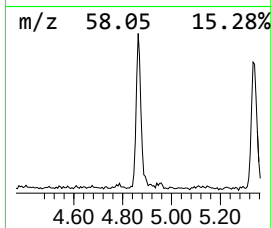
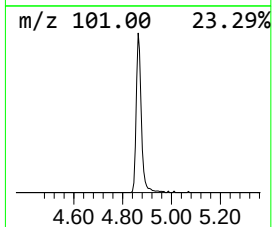
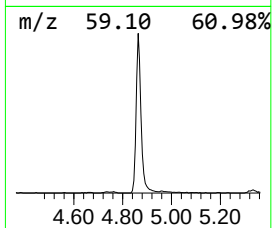
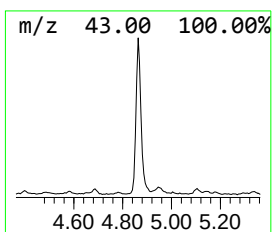
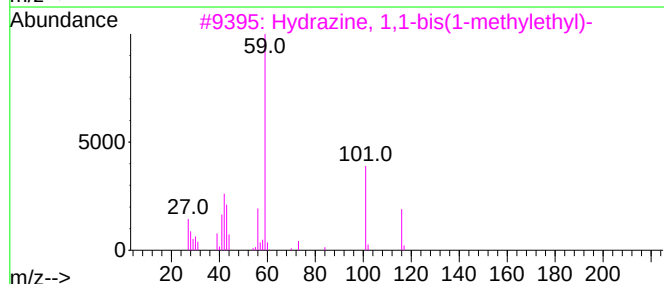
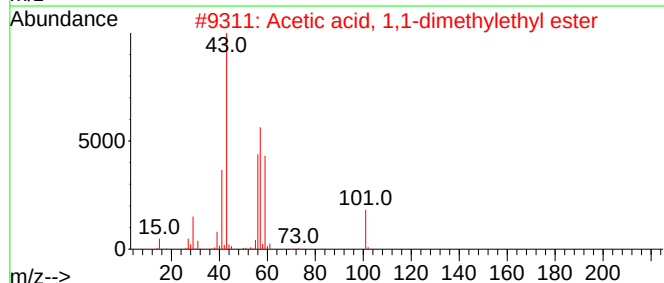
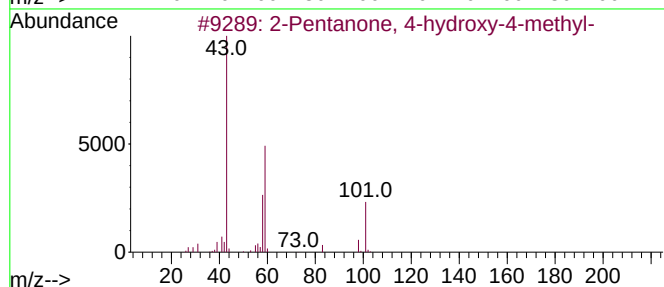
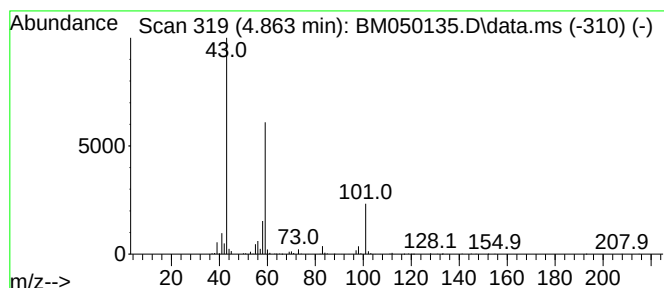
Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.863	7.60 ng	512582	1,4-Dichlorobenzene-d4	7.745	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

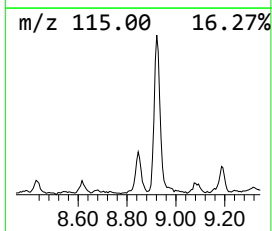
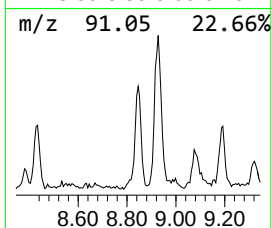
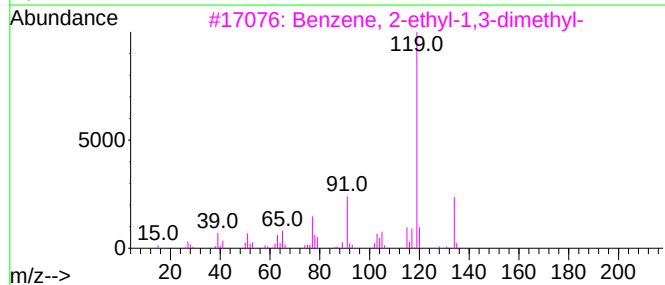
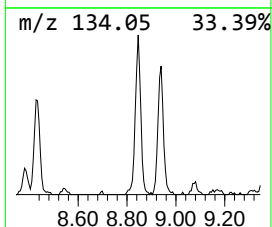
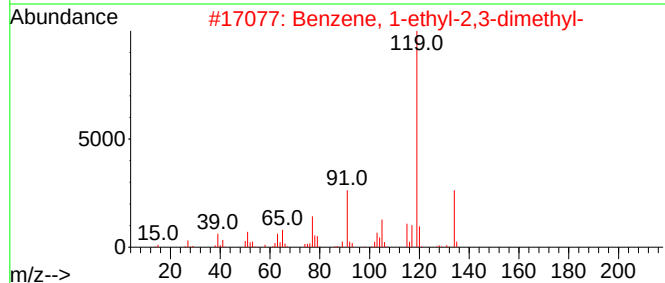
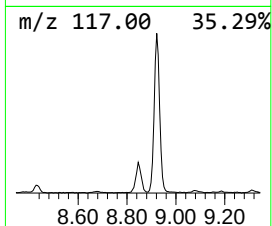
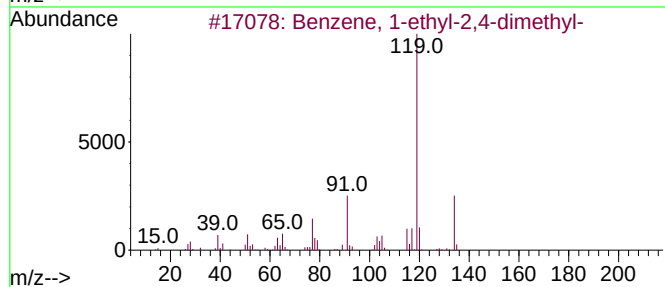
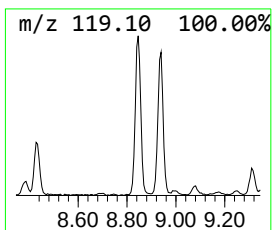
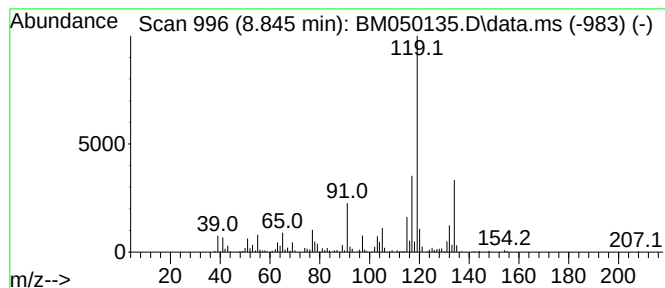
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.845	4.97 ng	335518	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

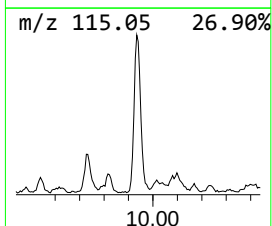
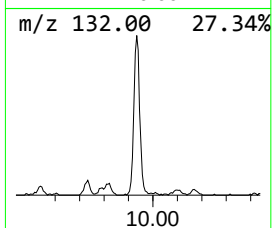
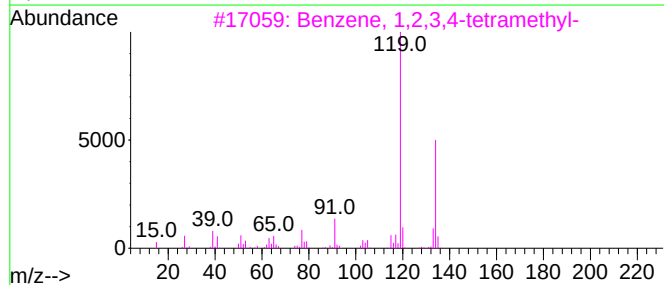
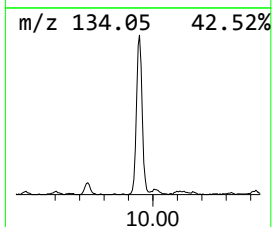
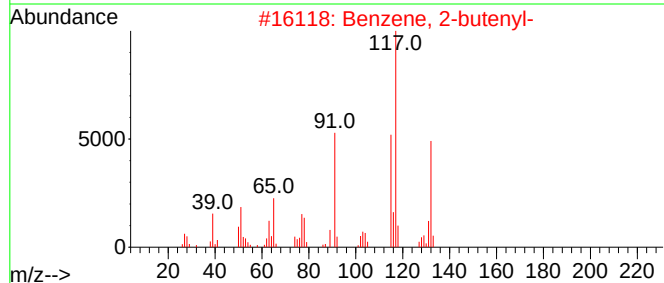
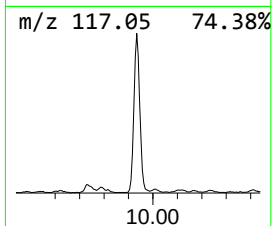
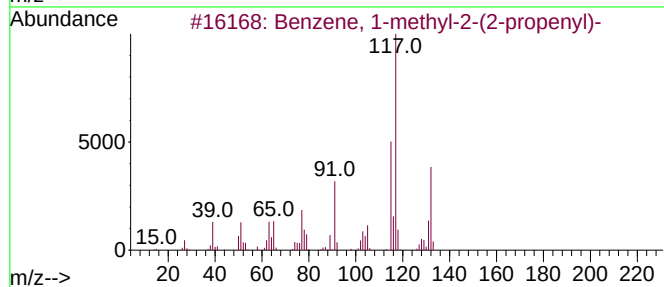
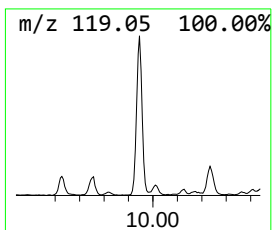
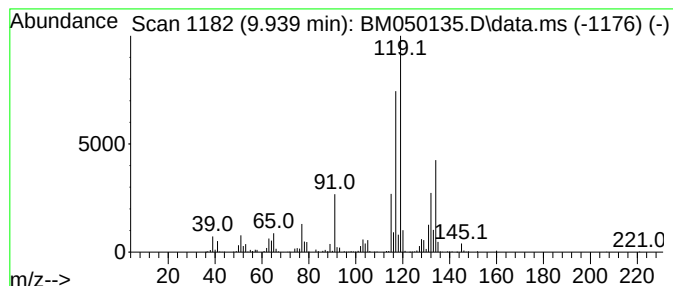
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	7.28 ng	771473	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4			p-Cymene	134	C10H14	000099-87-6	50
5			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

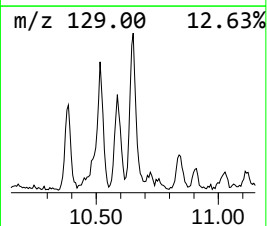
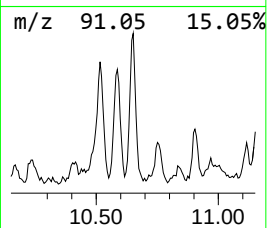
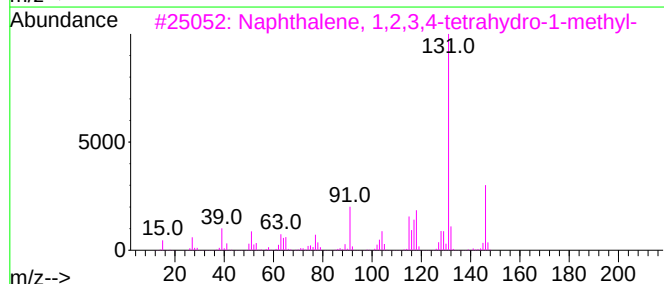
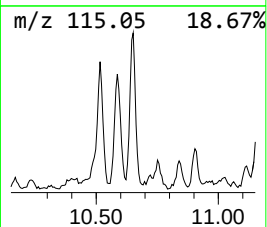
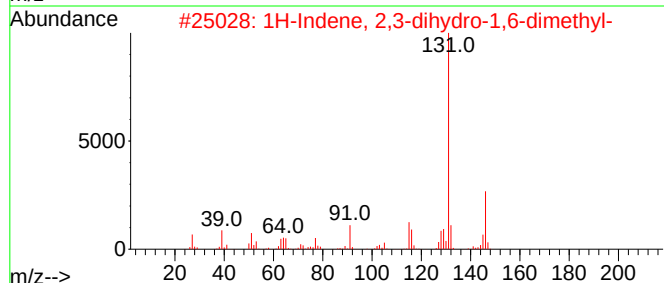
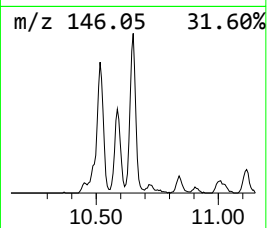
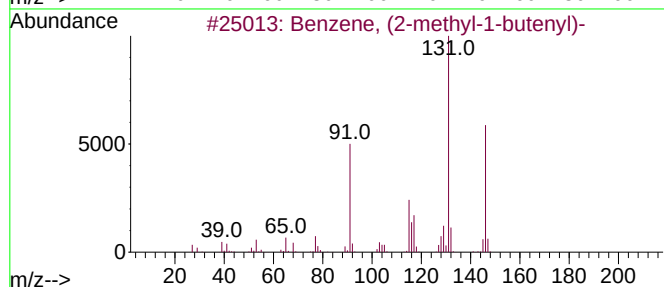
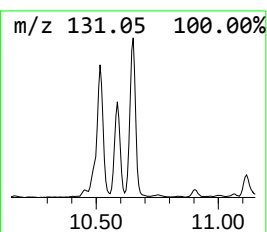
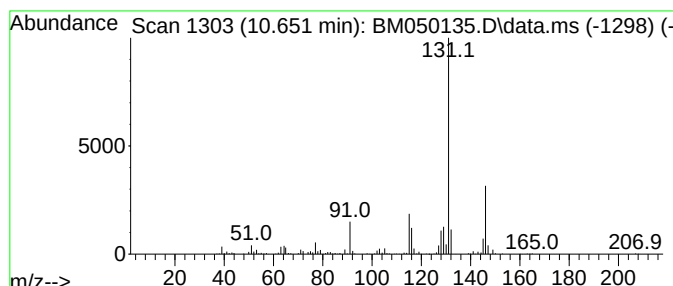
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	3.92 ng	415252	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

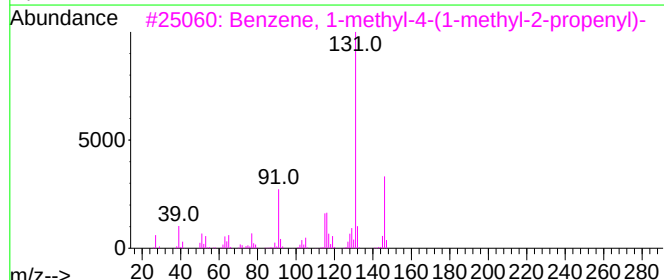
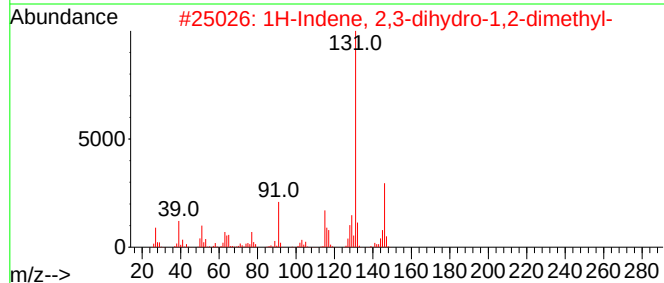
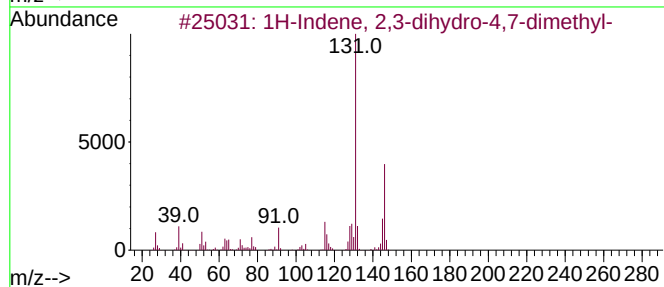
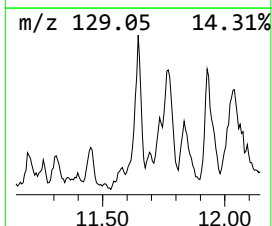
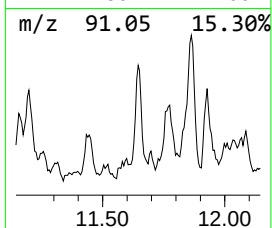
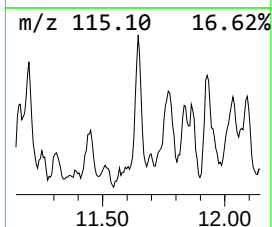
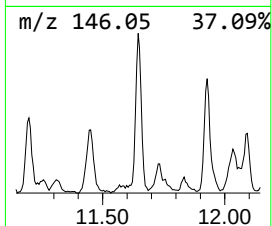
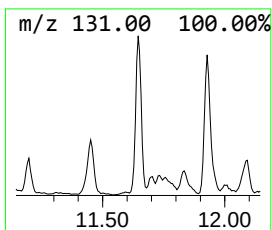
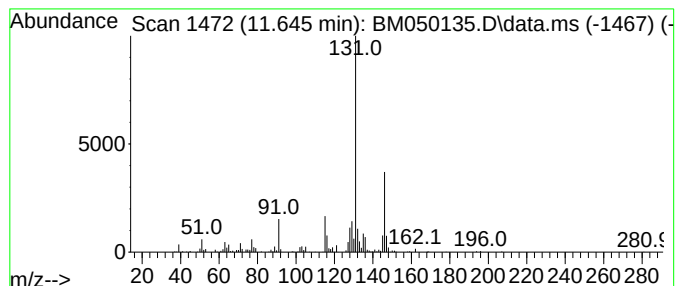
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	3.64 ng	385537	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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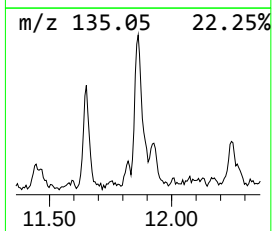
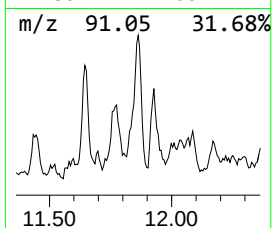
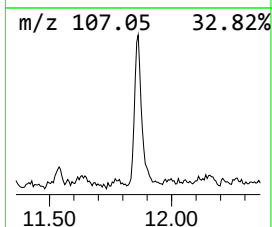
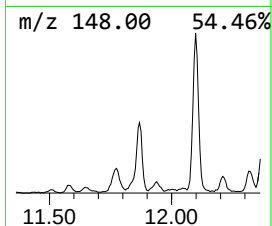
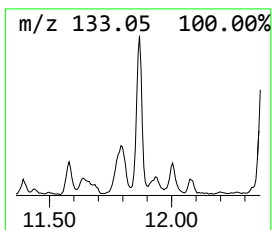
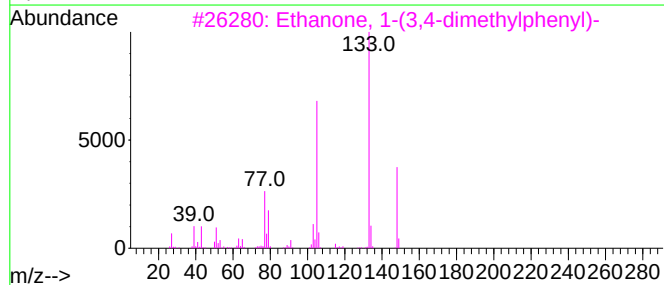
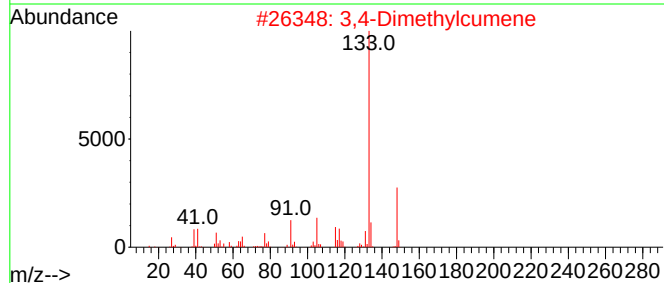
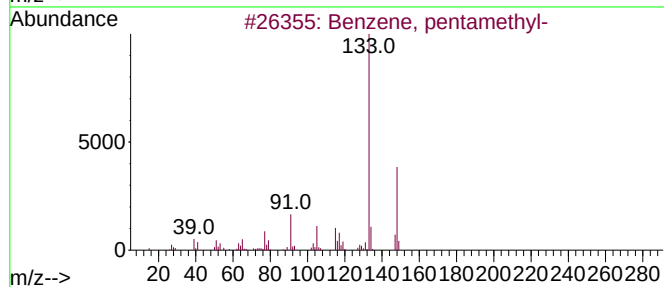
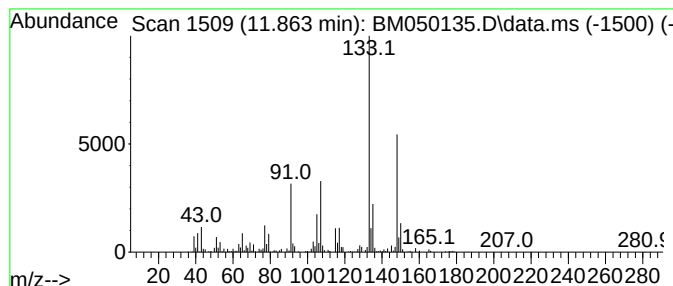
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.05 ng	429065	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
3			Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64
4			Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	64
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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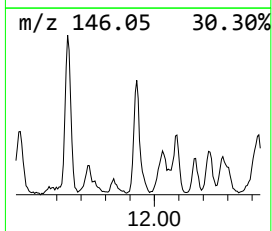
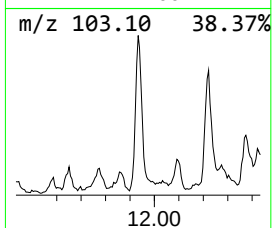
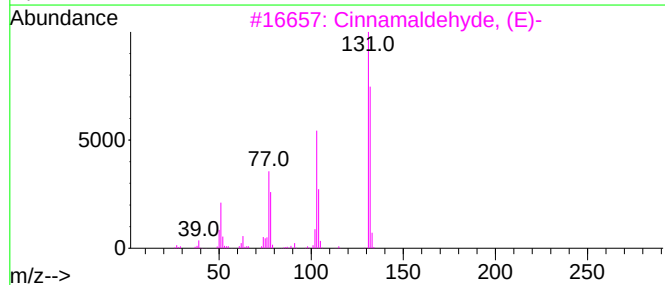
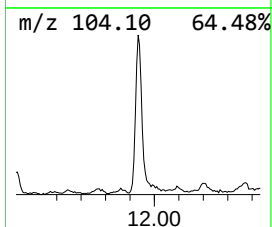
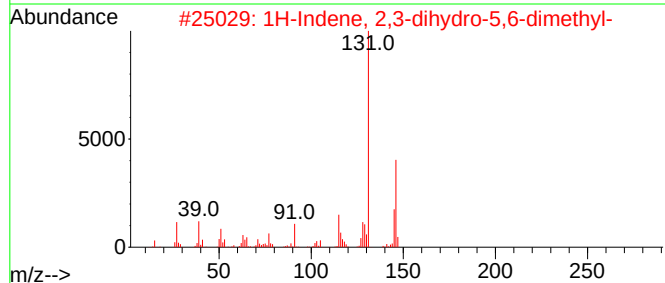
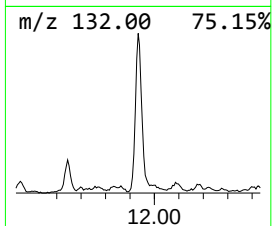
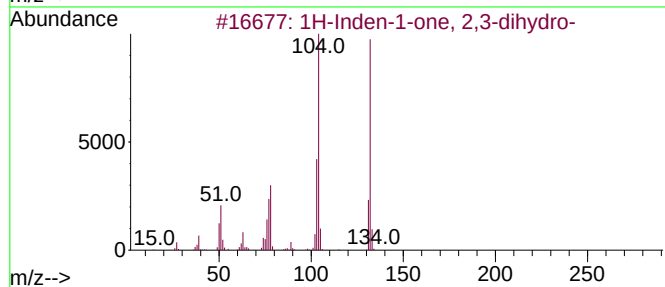
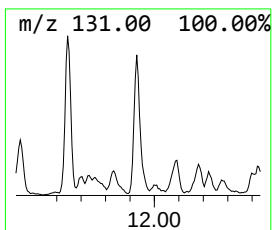
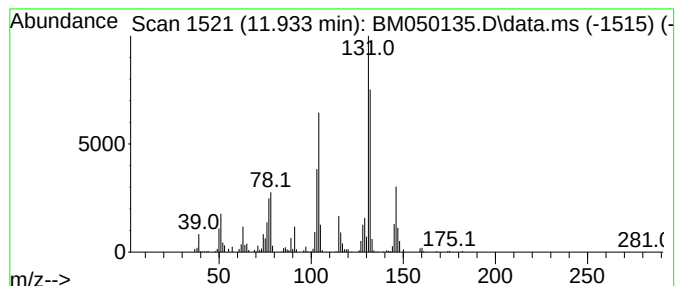
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.38 ng	569652	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	89
3			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	70
4			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	70
5			4-Methyl-1H-benzimidazole	132	C8H8N2	1000486-24-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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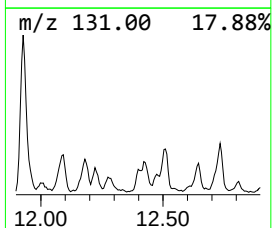
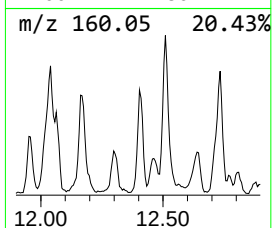
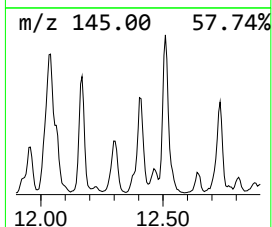
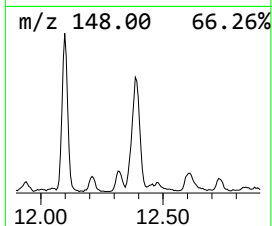
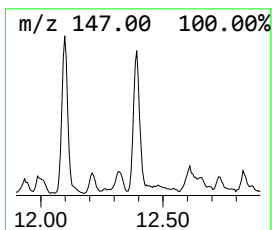
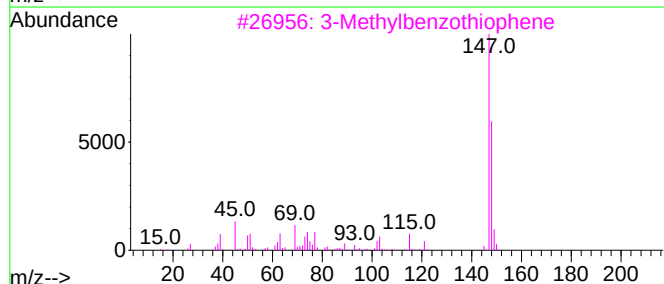
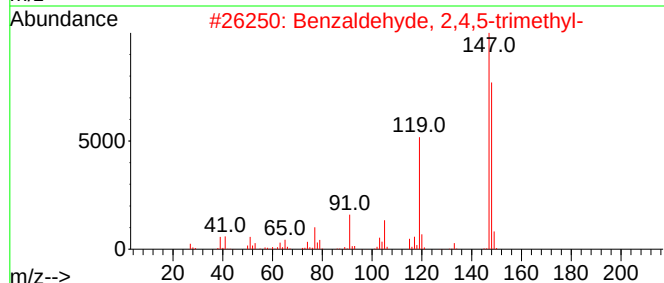
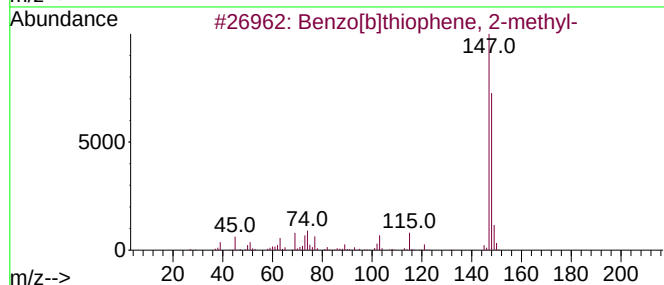
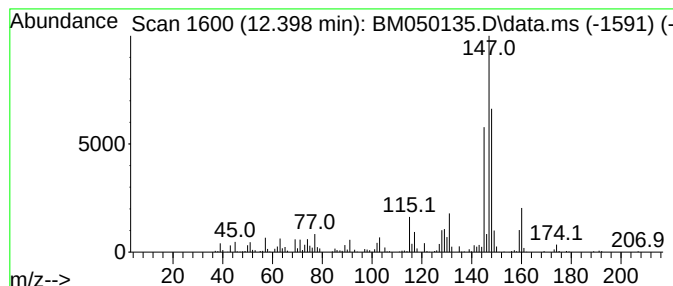
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.398 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	6.72 ng	711479	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	49
2			Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	46
3			3-Methylbenzothiophene	148	C9H8S	001455-18-1	46
4			5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	46
5			1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

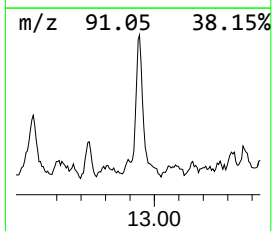
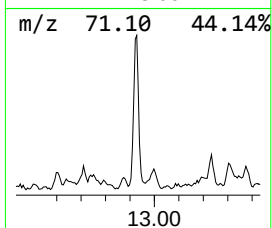
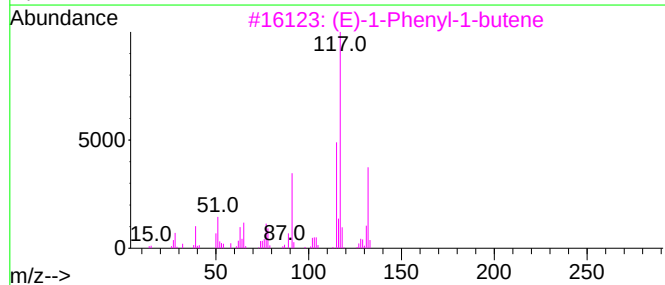
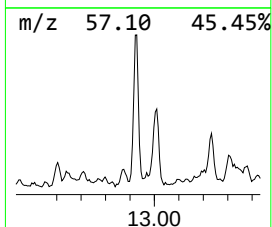
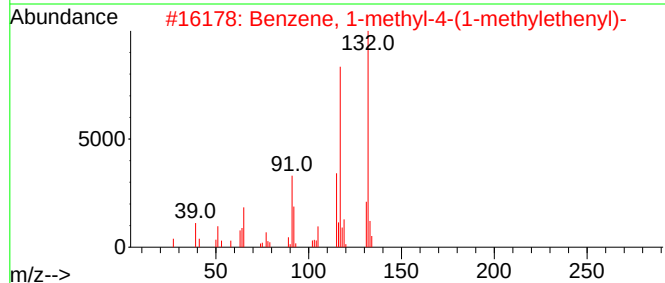
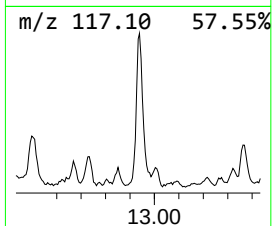
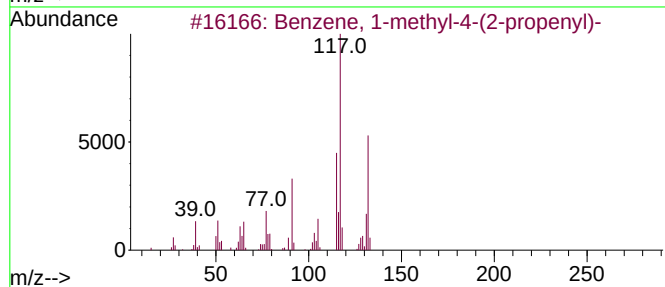
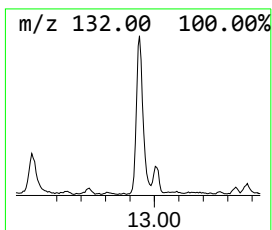
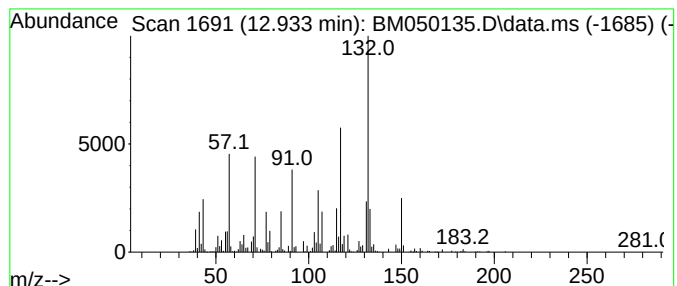
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown12.933 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	5.41 ng	762769	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	49
2			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	49
3			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	43
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	43
5			p-(1-Propenyl)-toluene	132	C10H12	1000429-54-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
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ClientSampleId :
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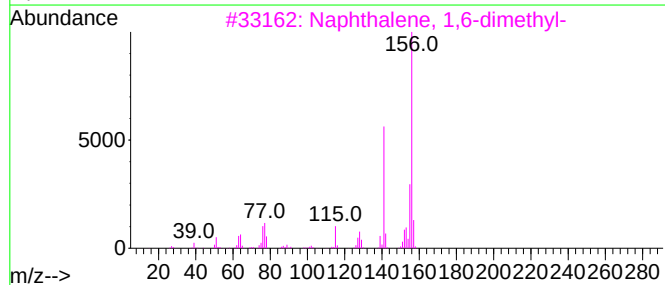
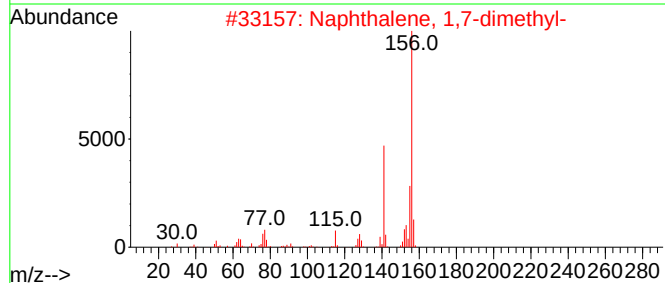
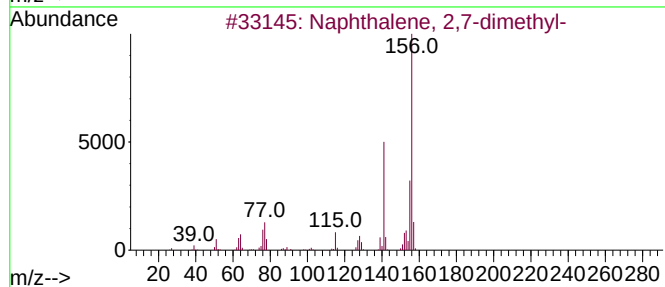
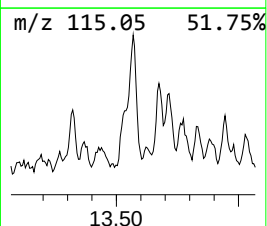
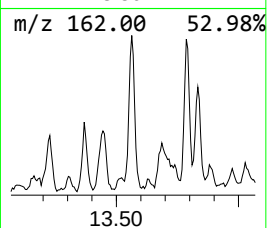
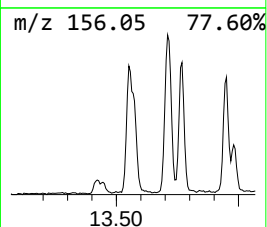
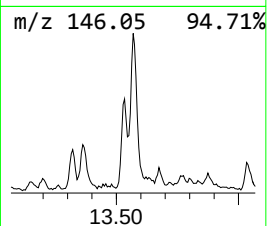
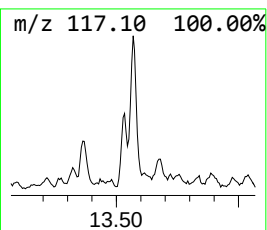
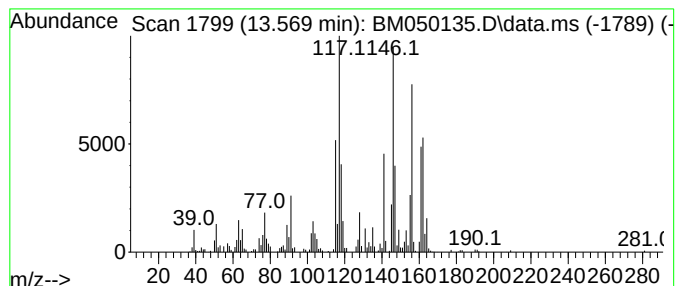
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	5.57 ng	784728	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	50
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	48
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	47
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	47
5			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

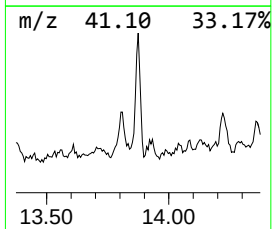
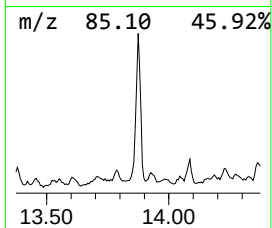
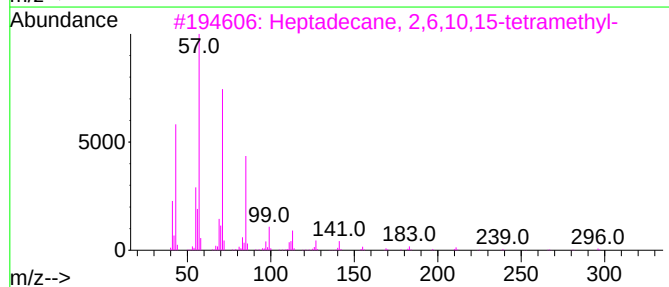
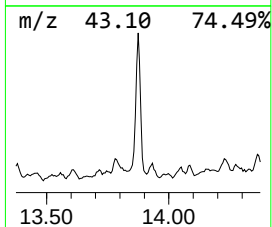
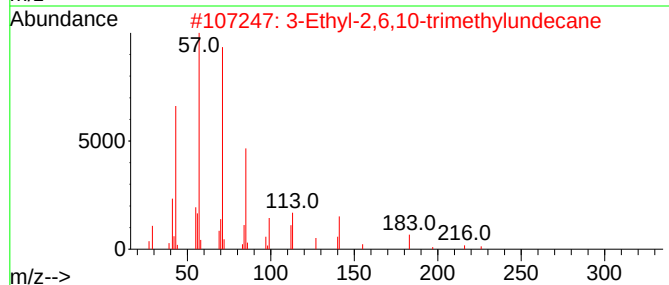
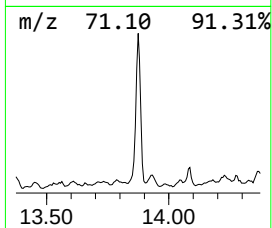
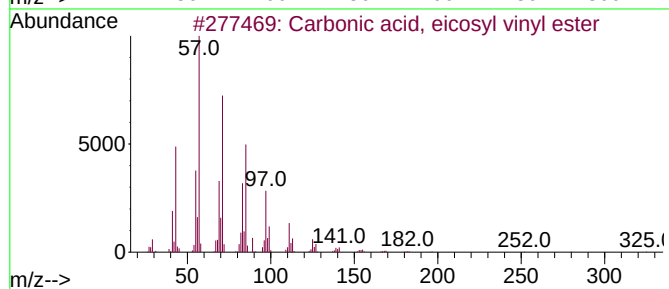
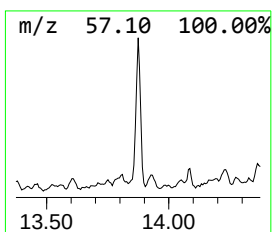
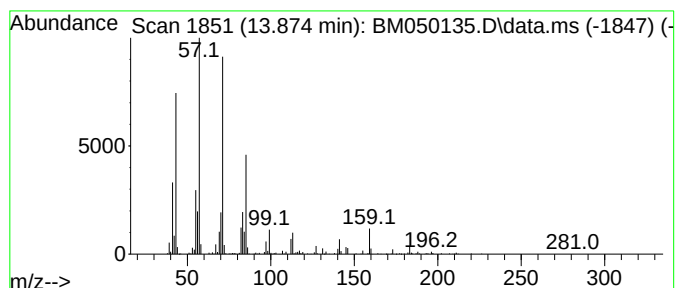
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	4.27 ng	602290	Acenaphthene-d10	14.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	70
5	Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

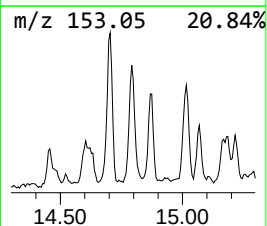
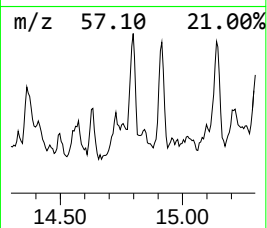
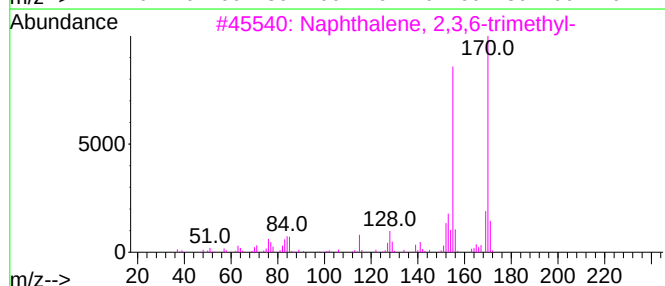
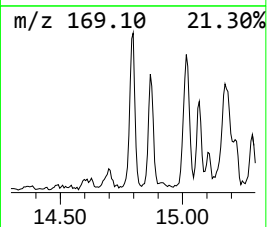
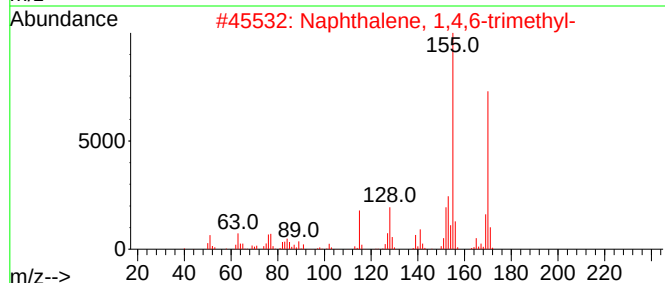
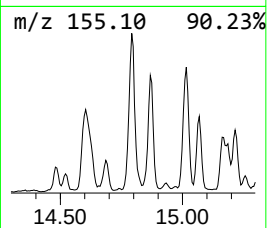
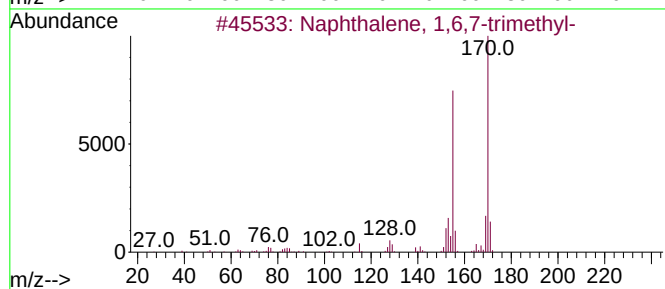
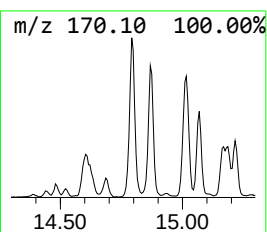
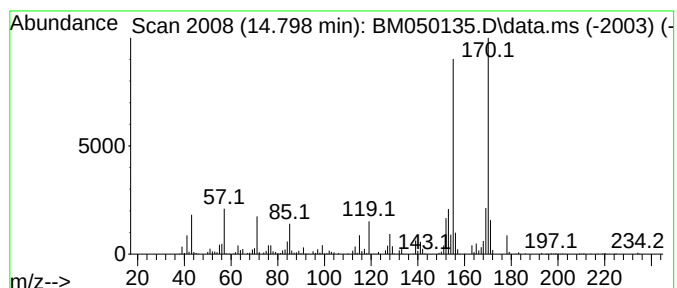
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.798	4.49 ng	632030	Acenaphthene-d10		14.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...		170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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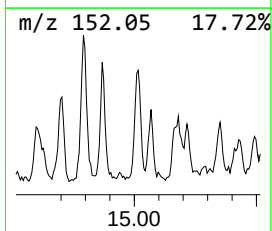
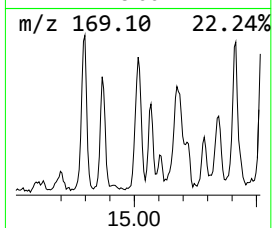
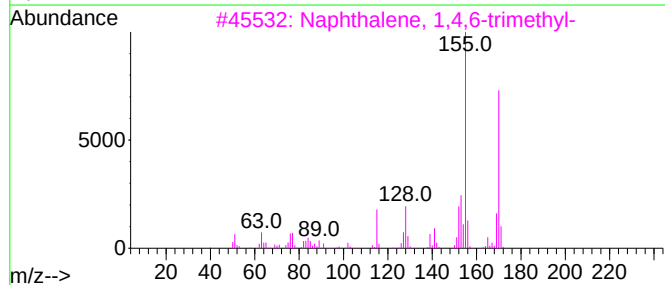
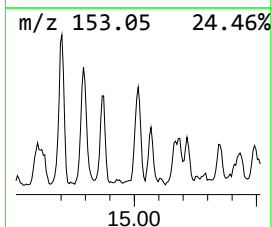
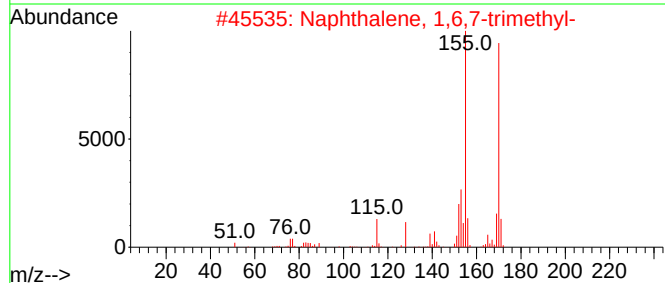
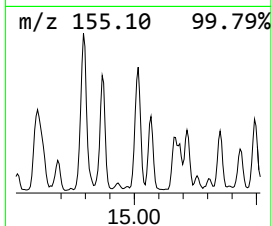
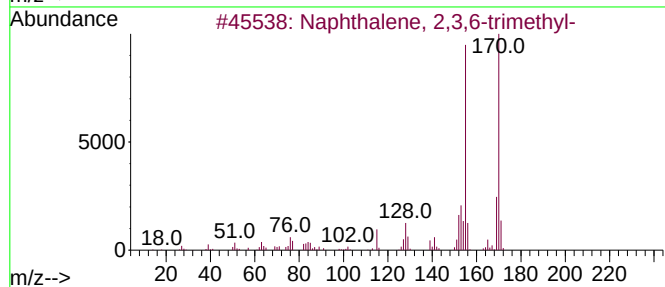
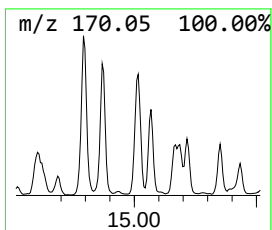
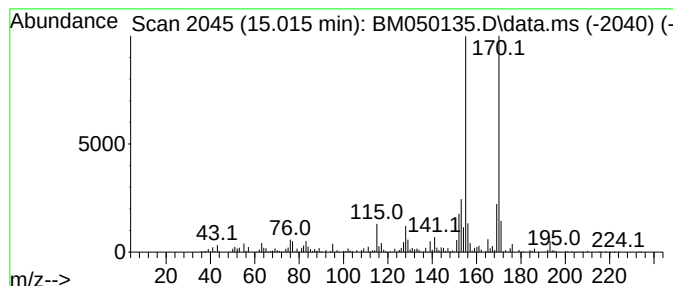
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	4.42 ng	623234	Acenaphthene-d10	14.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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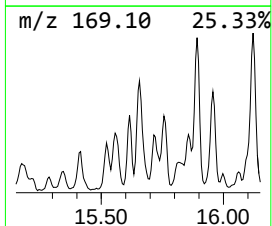
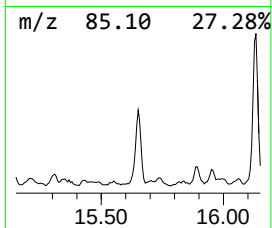
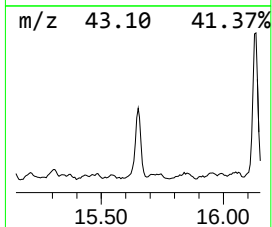
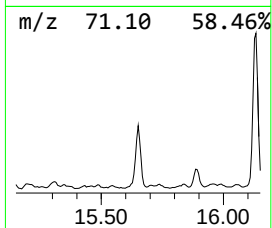
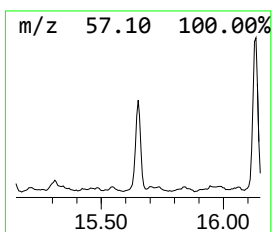
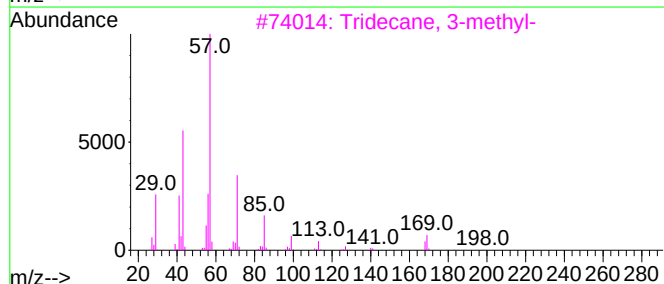
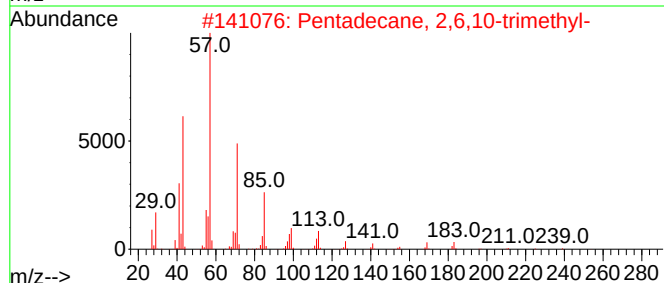
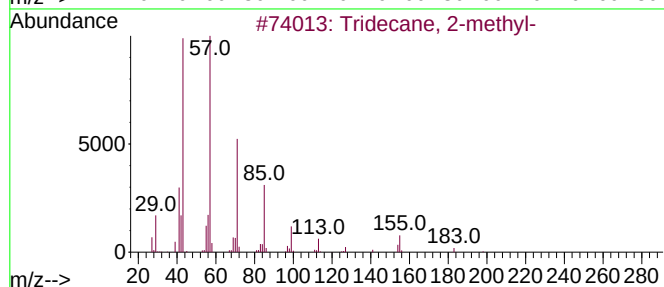
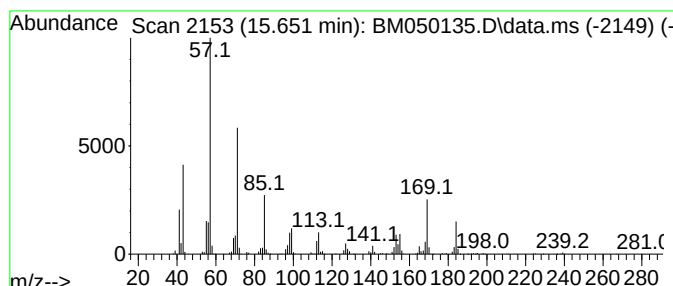
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	6.22 ng	876819	Acenaphthene-d10	14.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
4		Heptacosane	380	C27H56	000593-49-7	58
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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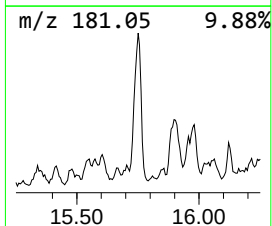
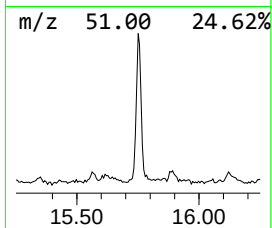
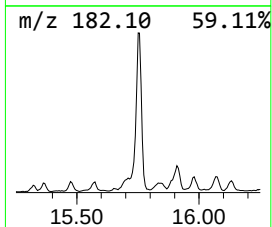
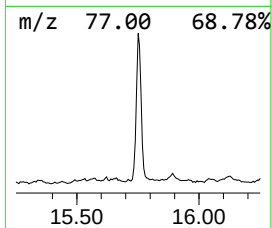
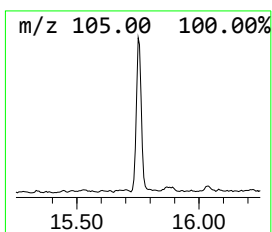
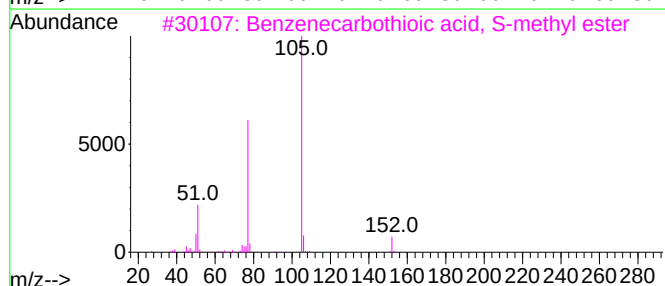
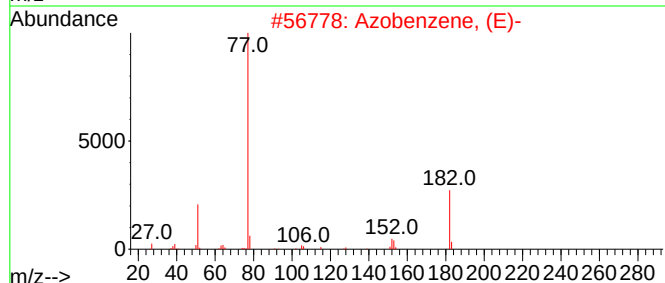
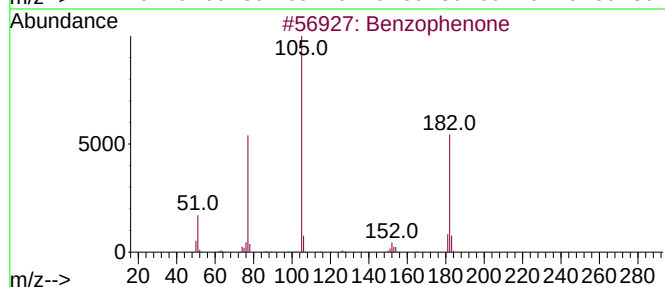
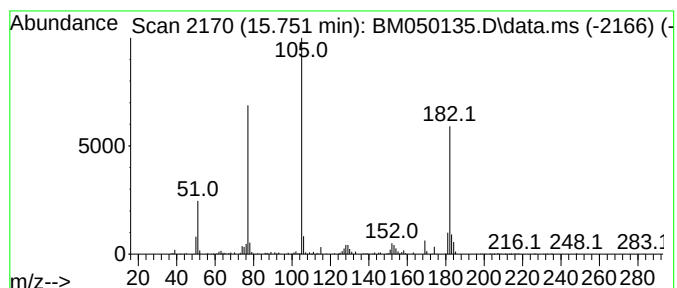
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	5.70 ng	803686	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene, (E)-	182	C12H10N2	017082-12-1	58
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4			N-Benzoylimidazole	172	C10H8N2O	010364-94-0	38
5			Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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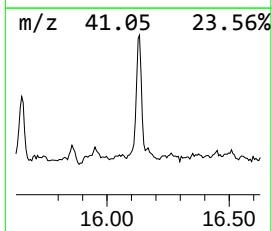
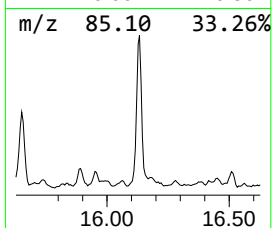
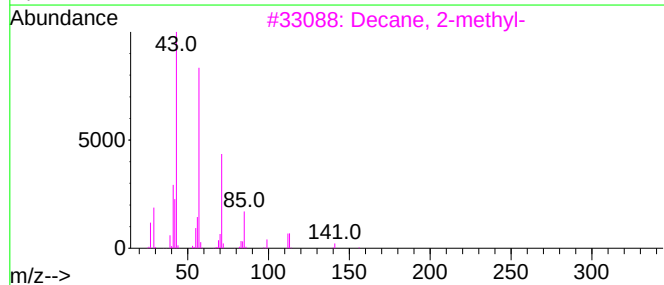
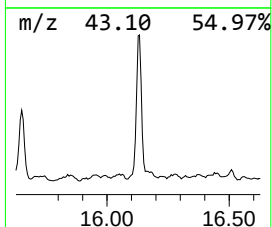
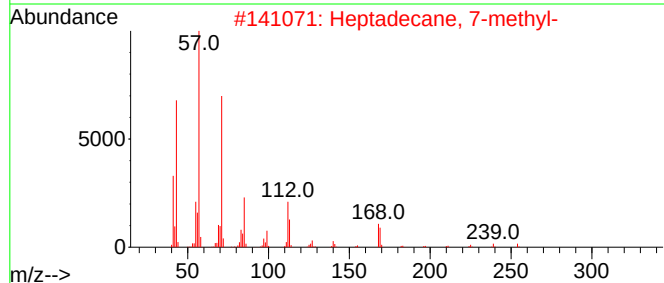
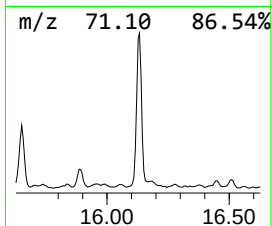
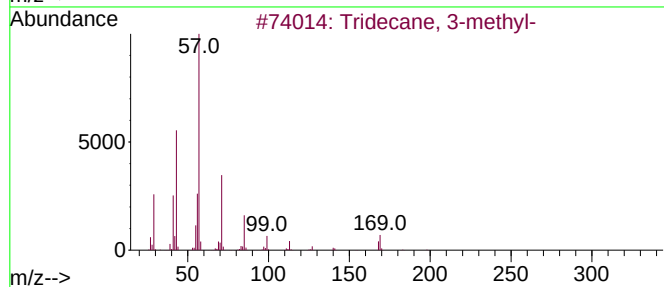
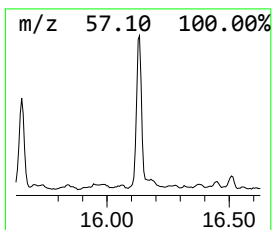
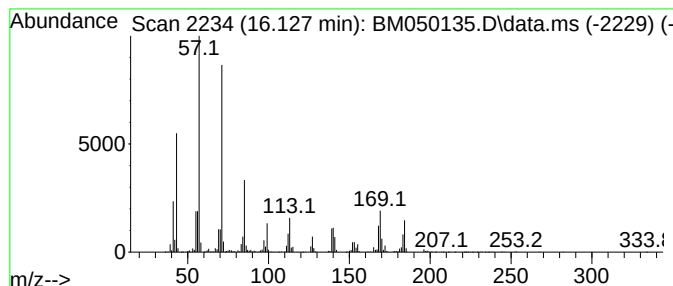
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	14.75 ng	2228620	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
3			Decane, 2-methyl-	156	C11H24	006975-98-0	64
4			Tridecane, 4-methyl-	198	C14H30	026730-12-1	60
5			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
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Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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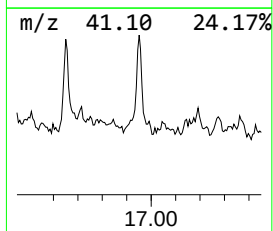
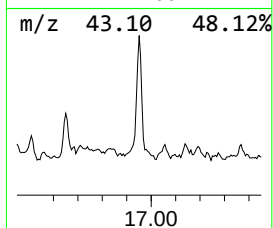
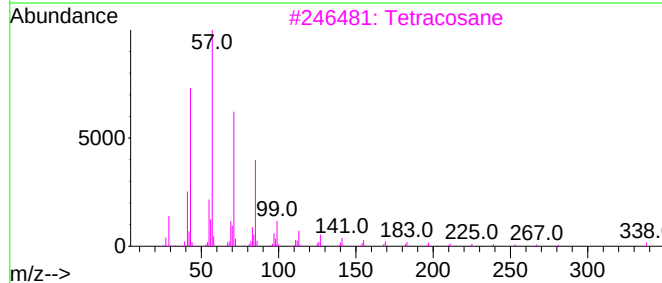
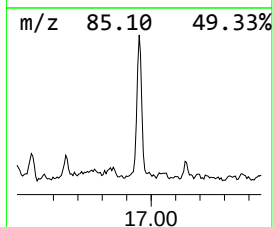
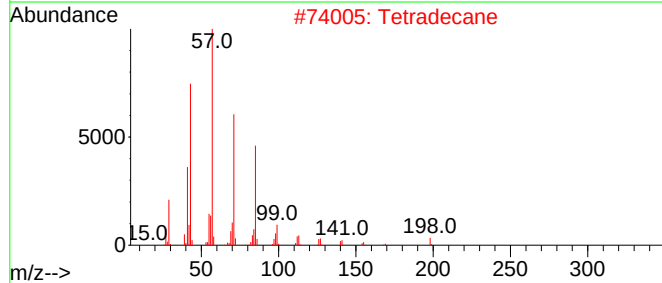
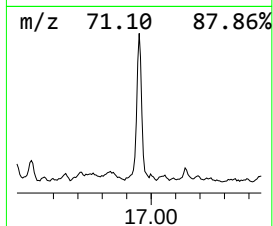
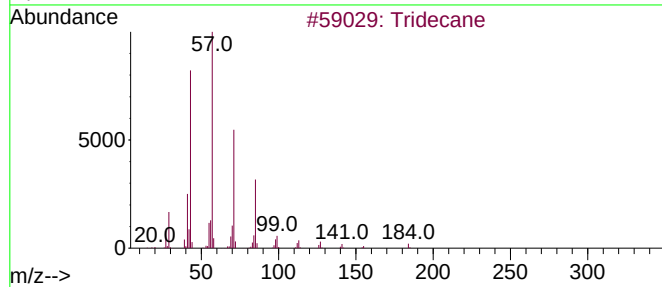
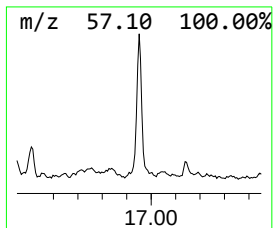
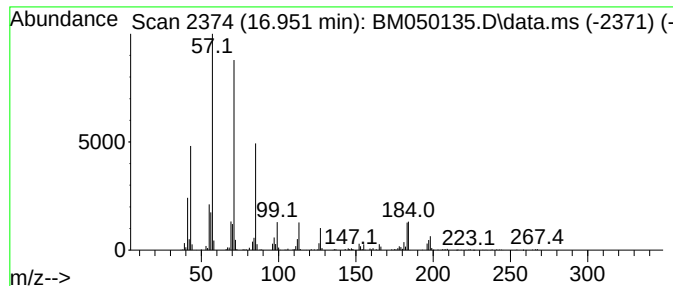
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	4.52 ng	683418	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	86
2		Tetradecane	198	C14H30	000629-59-4	81
3		Tetracosane	338	C24H50	000646-31-1	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

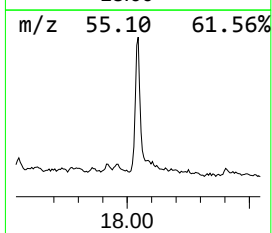
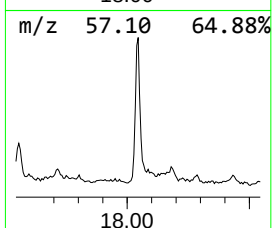
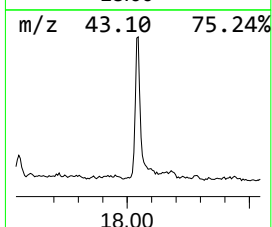
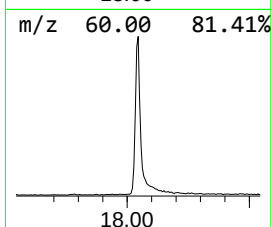
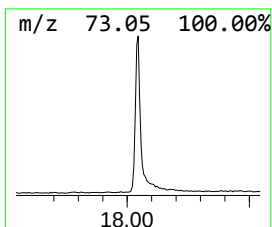
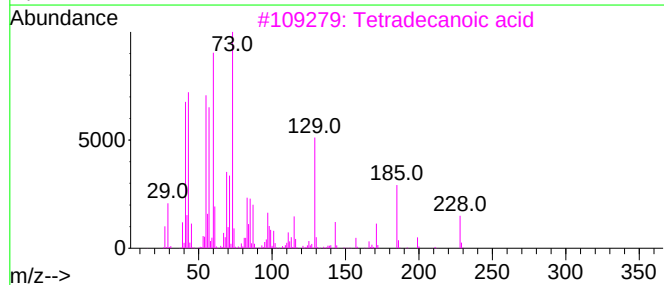
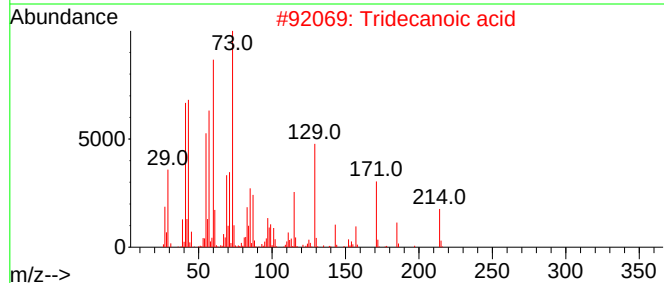
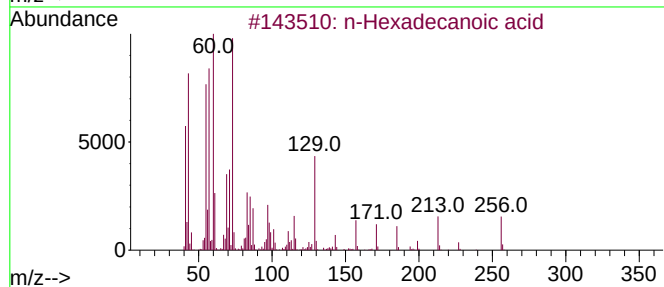
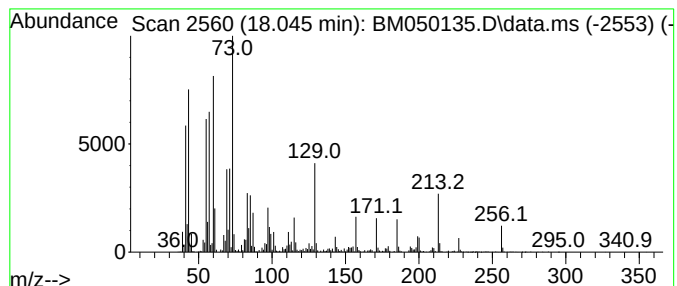
Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.045	13.03 ng	1969100	Phenanthrene-d10		17.145	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Dodecanoic acid		200	C12H24O2	000143-07-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

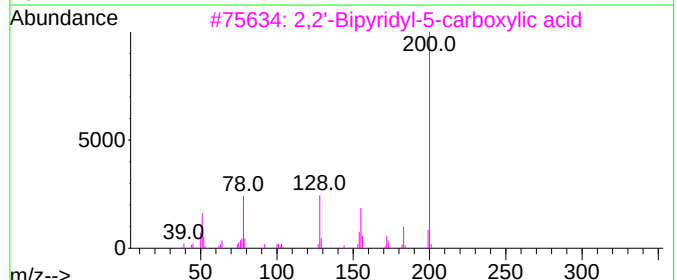
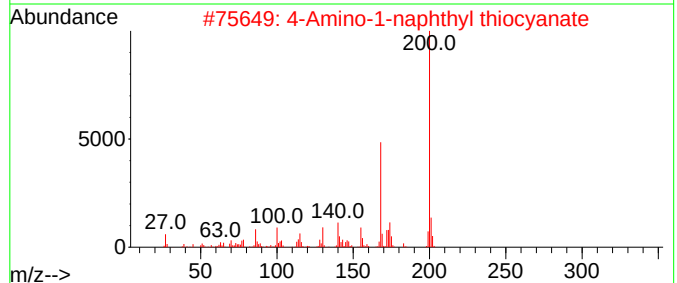
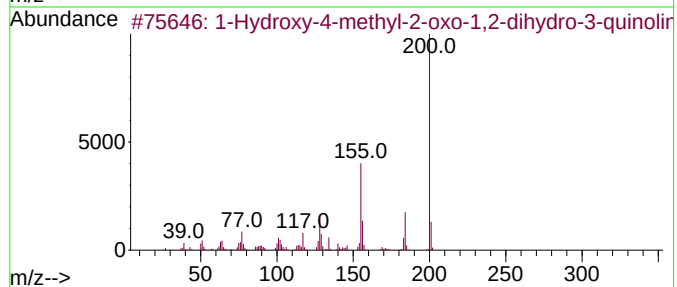
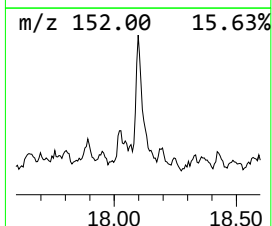
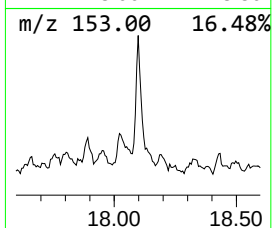
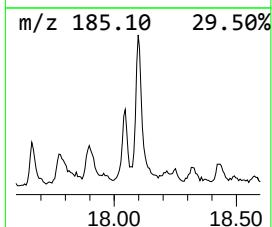
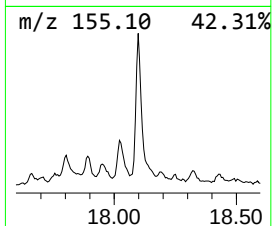
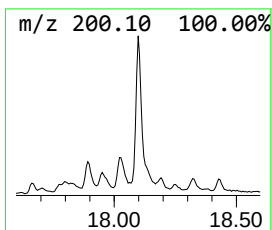
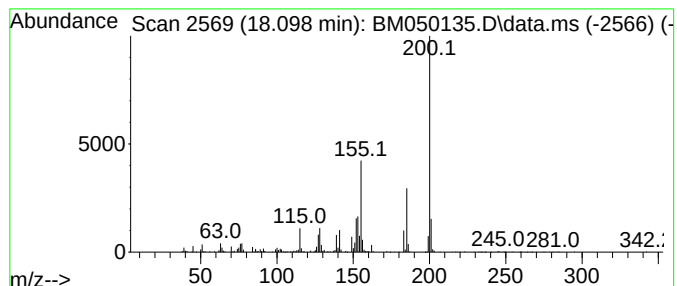
Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Hydroxy-4-methyl-2-oxo-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.098	5.14 ng	777127	Phenanthrene-d10			17.145
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hydroxy-4-methyl-2-oxo-1,2-dih...		200	C11H8N2O2	021771-74-4	58
2	4-Amino-1-naphthyl thiocyanate		200	C11H8N2S	032359-11-8	43
3	2,2'-Bipyridyl-5-carboxylic acid		200	C11H8N2O2	001970-80-5	43
4	Benzene, 1-methoxy-4-phenoxy-		200	C13H12O2	001655-69-2	43
5	Bisphenol F, 2-methylpropionate		270	C17H18O3	1000462-19-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

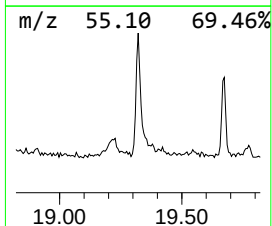
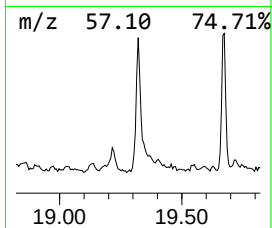
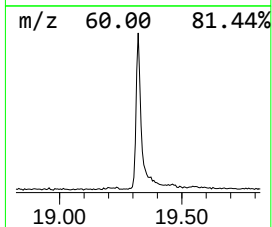
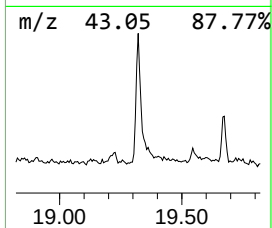
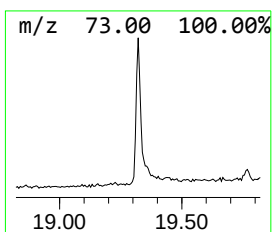
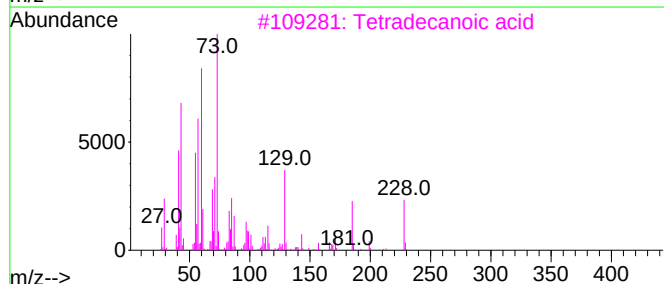
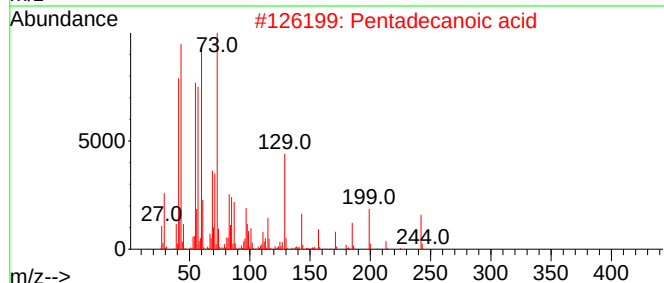
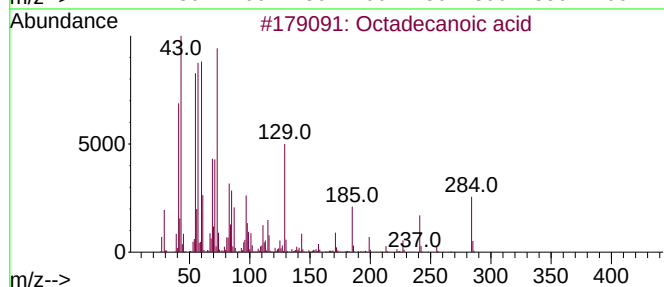
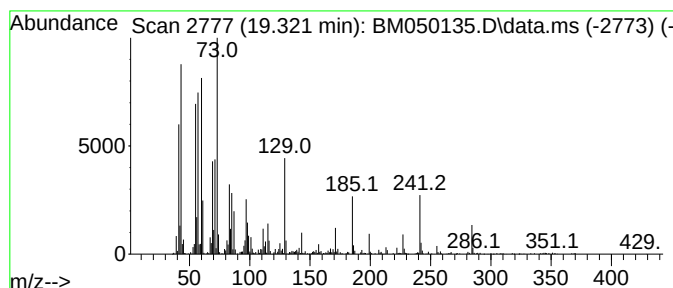
Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.321	4.50 ng	730337	Chrysene-d12	21.386	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050135.D
Acq On : 07 May 2025 15:05
Operator : RC/JU
Sample : Q1945-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	7.6	ng	512582	1	7.745	1349750	20.0
Benzene, 1-ethy...	8.845	5.0	ng	335518	1	7.745	1349750	20.0
Benzene, 1-meth...	9.939	7.3	ng	771473	2	10.539	2118260	20.0
Benzene, (2-met...	10.651	3.9	ng	415252	2	10.539	2118260	20.0
1H-Indene, 2,3-...	11.645	3.6	ng	385537	2	10.539	2118260	20.0
Benzene, pentam...	11.863	4.0	ng	429065	2	10.539	2118260	20.0
1H-Inden-1-one,...	11.933	5.4	ng	569652	2	10.539	2118260	20.0
unknown12.398	12.398	6.7	ng	711479	2	10.539	2118260	20.0
unknown12.933	12.933	5.4	ng	762769	3	14.392	2817830	20.0
Naphthalene, 2,...	13.569	5.6	ng	784728	3	14.392	2817830	20.0
Carbonic acid, ...	13.874	4.3	ng	602290	3	14.392	2817830	20.0
Naphthalene, 1,...	14.798	4.5	ng	632030	3	14.392	2817830	20.0
Naphthalene, 2,...	15.015	4.4	ng	623234	3	14.392	2817830	20.0
Tridecane, 2-me...	15.651	6.2	ng	876819	3	14.392	2817830	20.0
Benzophenone	15.751	5.7	ng	803686	3	14.392	2817830	20.0
Tridecane, 3-me...	16.127	14.8	ng	2228620	4	17.145	3022780	20.0
Tridecane	16.951	4.5	ng	683418	4	17.145	3022780	20.0
n-Hexadecanoic ...	18.045	13.0	ng	1969100	4	17.145	3022780	20.0
1-Hydroxy-4-met...	18.098	5.1	ng	777127	4	17.145	3022780	20.0
Octadecanoic acid	19.321	4.5	ng	730337	5	21.386	3249050	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.3	UD	23.3	59.5	ug/L
62-53-3	Aniline	8.80	UD	8.80	29.8	ug/L
108-95-2	Phenol	5.40	UD	5.40	29.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.80	UD	4.80	29.8	ug/L
95-57-8	2-Chlorophenol	3.50	UD	3.50	29.8	ug/L
95-48-7	2-Methylphenol	6.70	UD	6.70	29.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	7.60	UD	7.60	29.8	ug/L
98-86-2	Acetophenone	4.40	UD	4.40	29.8	ug/L
65794-96-9	3+4-Methylphenols	6.50	UD	6.50	59.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.40	UD	8.40	14.9	ug/L
67-72-1	Hexachloroethane	3.90	UD	3.90	29.8	ug/L
98-95-3	Nitrobenzene	4.50	UD	4.50	29.8	ug/L
78-59-1	Isophorone	4.50	UD	4.50	29.8	ug/L
88-75-5	2-Nitrophenol	10.5	UD	10.5	29.8	ug/L
105-67-9	2,4-Dimethylphenol	11.0	UD	11.0	29.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	UD	4.00	29.8	ug/L
120-83-2	2,4-Dichlorophenol	3.10	UD	3.10	29.8	ug/L
91-20-3	Naphthalene	3.00	UD	3.00	29.8	ug/L
106-47-8	4-Chloroaniline	5.00	UDQ	5.00	29.8	ug/L
87-68-3	Hexachlorobutadiene	3.20	UD	3.20	29.8	ug/L
105-60-2	Caprolactam	170	D	6.70	59.5	ug/L
59-50-7	4-Chloro-3-methylphenol	3.50	UD	3.50	29.8	ug/L
91-57-6	2-Methylnaphthalene	3.30	UD	3.30	29.8	ug/L
77-47-4	Hexachlorocyclopentadiene	21.6	UD	21.6	59.5	ug/L
88-06-2	2,4,6-Trichlorophenol	3.00	UD	3.00	29.8	ug/L
95-95-4	2,4,5-Trichlorophenol	3.70	UD	3.70	29.8	ug/L
92-52-4	1,1-Biphenyl	3.20	UD	3.20	29.8	ug/L
91-58-7	2-Chloronaphthalene	3.60	UD	3.60	29.8	ug/L
88-74-4	2-Nitroaniline	7.50	UD	7.50	29.8	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	3.60	UD	3.60	29.8	ug/L
208-96-8	Acenaphthylene	4.50	UD	4.50	29.8	ug/L
606-20-2	2,6-Dinitrotoluene	5.50	UD	5.50	29.8	ug/L
99-09-2	3-Nitroaniline	6.30	UDQ	6.30	29.8	ug/L
83-32-9	Acenaphthene	3.30	UD	3.30	29.8	ug/L
51-28-5	2,4-Dinitrophenol	35.5	UD	35.5	59.5	ug/L
100-02-7	4-Nitrophenol	14.2	UD	14.2	59.5	ug/L
132-64-9	Dibenzofuran	3.60	UD	3.60	29.8	ug/L
121-14-2	2,4-Dinitrotoluene	7.30	UD	7.30	29.8	ug/L
84-66-2	Diethylphthalate	4.10	UD	4.10	29.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	UD	4.00	29.8	ug/L
86-73-7	Fluorene	3.80	UD	3.80	29.8	ug/L
100-01-6	4-Nitroaniline	8.90	UD	8.90	29.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17.1	UD	17.1	59.5	ug/L
86-30-6	n-Nitrosodiphenylamine	3.50	UD	3.50	29.8	ug/L
101-55-3	4-Bromophenyl-phenylether	2.40	UD	2.40	29.8	ug/L
118-74-1	Hexachlorobenzene	3.10	UD	3.10	29.8	ug/L
1912-24-9	Atrazine	6.00	UD	6.00	29.8	ug/L
87-86-5	Pentachlorophenol	9.40	UD	9.40	59.5	ug/L
85-01-8	Phenanthrene	3.00	UD	3.00	29.8	ug/L
120-12-7	Anthracene	3.60	UD	3.60	29.8	ug/L
86-74-8	Carbazole	4.30	UD	4.30	29.8	ug/L
84-74-2	Di-n-butylphthalate	7.30	UD	7.30	29.8	ug/L
206-44-0	Fluoranthene	4.90	UD	4.90	29.8	ug/L
129-00-0	Pyrene	3.00	UD	3.00	29.8	ug/L
85-68-7	Butylbenzylphthalate	11.5	UD	11.5	29.8	ug/L
91-94-1	3,3-Dichlorobenzidine	5.50	UDQ	5.50	59.5	ug/L
56-55-3	Benzo(a)anthracene	2.70	UD	2.70	29.8	ug/L
218-01-9	Chrysene	2.60	UD	2.60	29.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.50	UD	9.50	29.8	ug/L
117-84-0	Di-n-octyl phthalate	13.9	UD	13.9	59.5	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3WDL	SDG No.:	Q1945
Lab Sample ID:	Q1945-02DL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	840 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050138.D	5	05/07/25 08:53	05/07/25 17:03	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	2.90	UD	2.90	29.8	ug/L
207-08-9	Benzo(k)fluoranthene	2.90	UD	2.90	29.8	ug/L
50-32-8	Benzo(a)pyrene	3.30	UD	3.30	29.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.50	UD	3.50	29.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	UD	4.00	29.8	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	UD	4.10	29.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.10	UD	3.10	29.8	ug/L
123-91-1	1,4-Dioxane	6.00	UD	6.00	29.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.30	UD	4.30	29.8	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	80.4		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	50.8		15 (10) - 110 (134)	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.2		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.4		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	75.2		30 (48) - 130 (125)	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	253000	7.745			
1146-65-2	Naphthalene-d8	949000	10.539			
15067-26-2	Acenaphthene-d10	681000	14.392			
1517-22-2	Phenanthrene-d10	1370000	17.145			
1719-03-5	Chrysene-d12	1250000	21.386			
1520-96-3	Perylene-d12	1260000	24.385			

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\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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

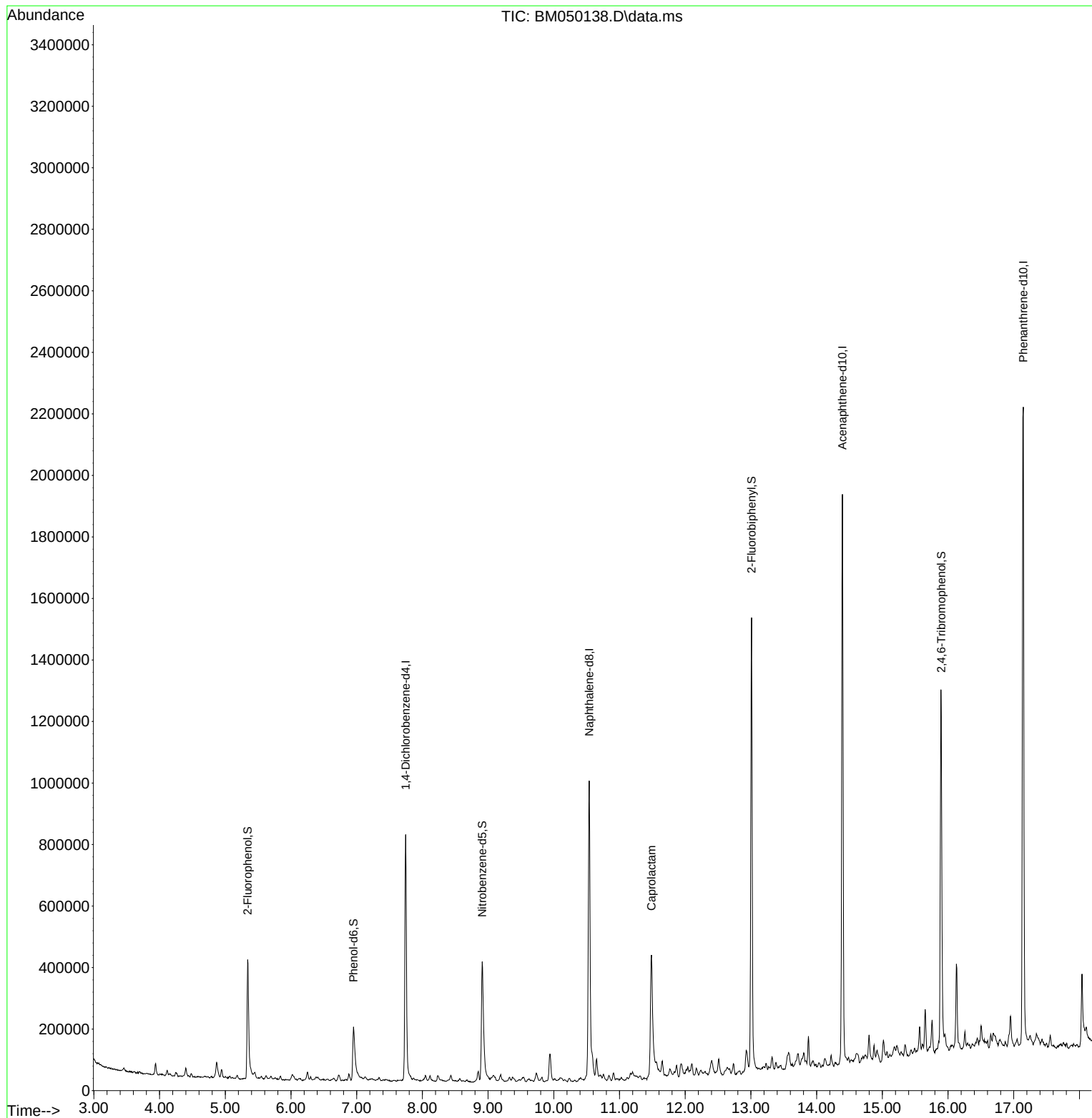
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	252681	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	948637	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	680621	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1371677	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1252991	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1255099	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	231975	16.076	ng	-0.02
7) Phenol-d6	6.951	99	184138	10.153	ng	0.00
23) Nitrobenzene-d5	8.910	82	305105	15.849	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	269859	26.815	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	867165	15.072	ng	-0.02
79) Terphenyl-d14	19.768	244	1273016	15.034	ng	-0.01
Target Compounds						
35) Caprolactam	11.486	113	130629	28.357	ng	Qvalue 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

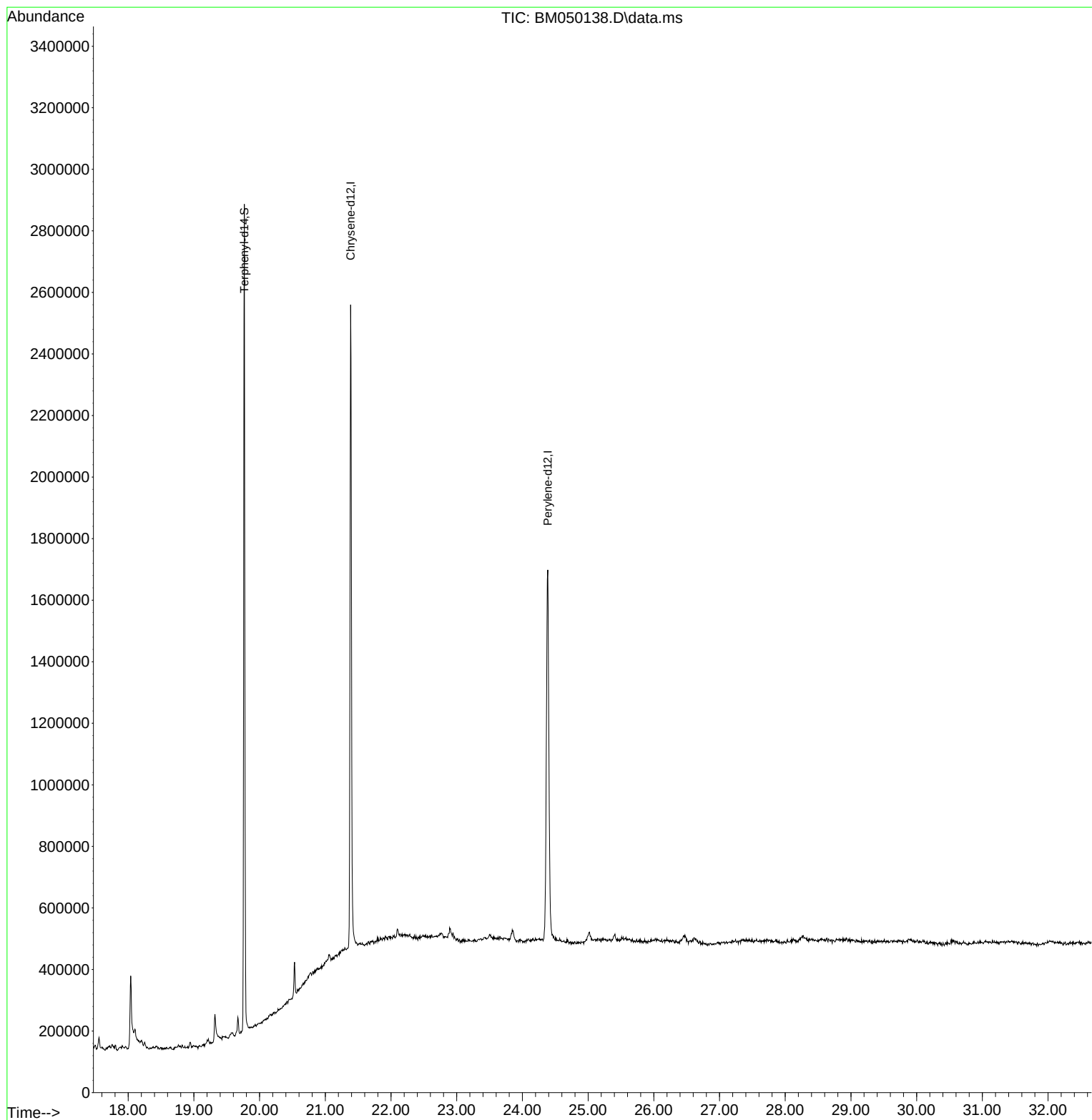
Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

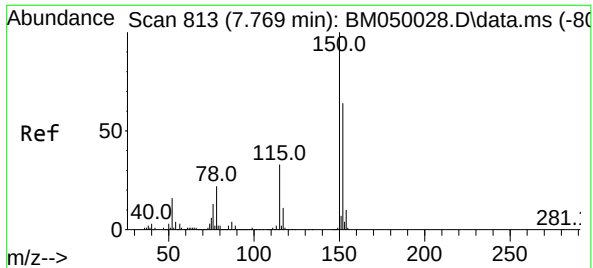


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050138.D
Acq On : 07 May 2025 17:03
Operator : RC/JU
Sample : Q1945-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Quant Time: May 07 18:00:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

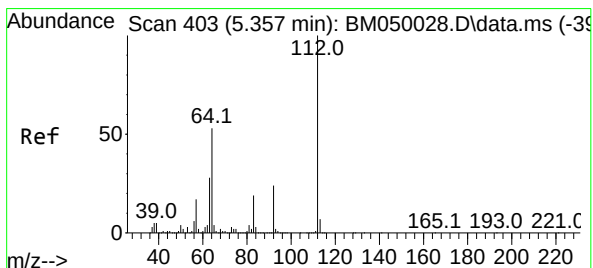
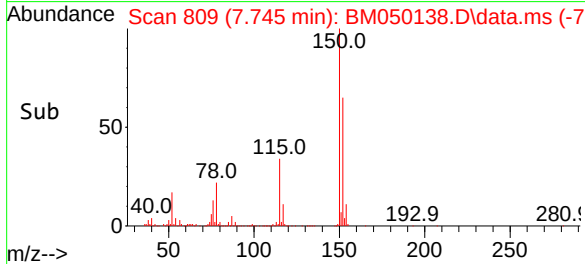
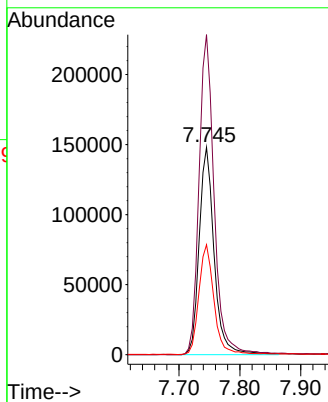
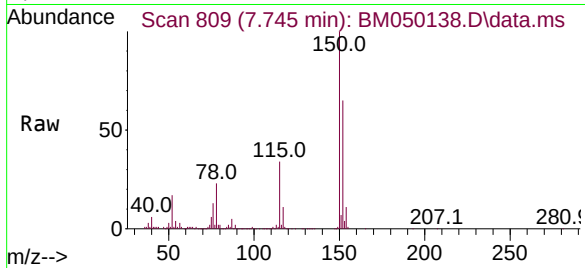




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

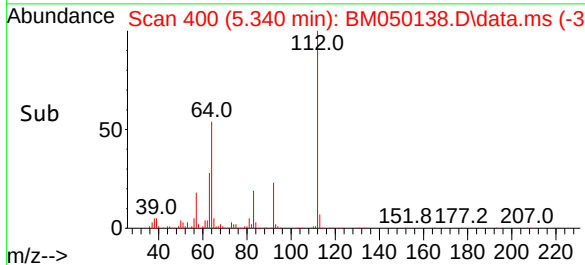
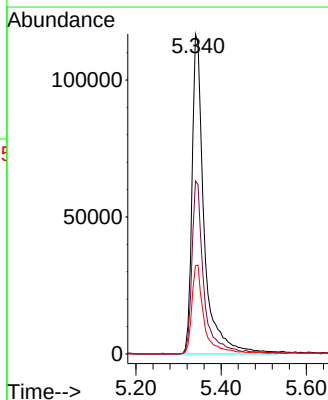
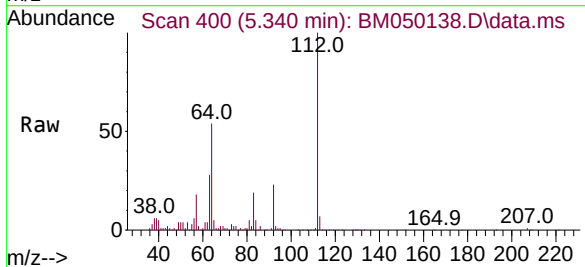
Instrument :
BNA_M
ClientSampleId :
GB3WDL

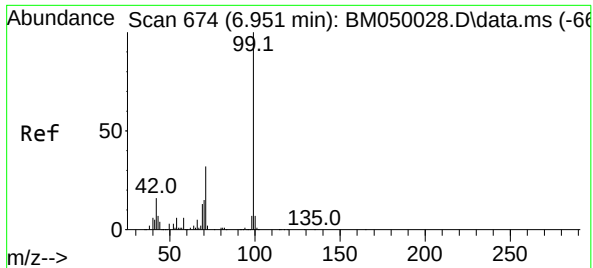
Tgt Ion:152 Resp: 252681
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 53.0 41.2 61.8



#5
2-Fluorophenol
Concen: 16.076 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:112 Resp: 231975
Ion Ratio Lower Upper
112 100
64 54.0 42.6 64.0
63 27.7 22.2 33.4

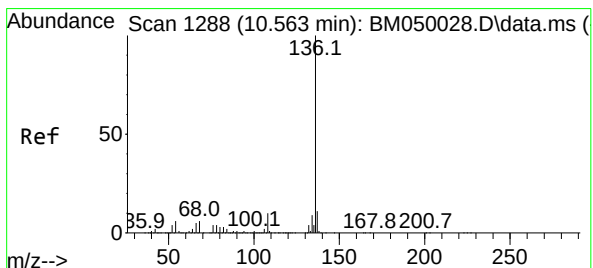
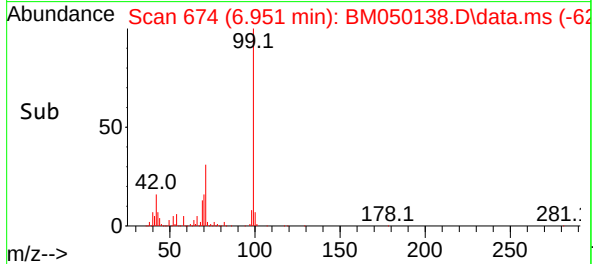
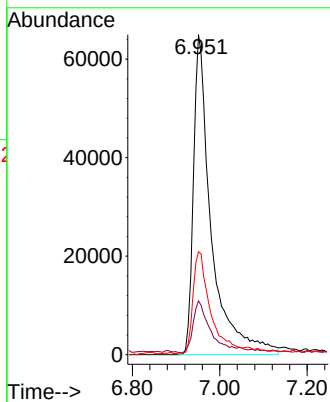
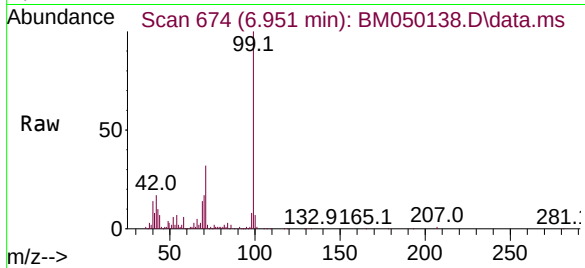




#7
Phenol-d6
Concen: 10.153 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

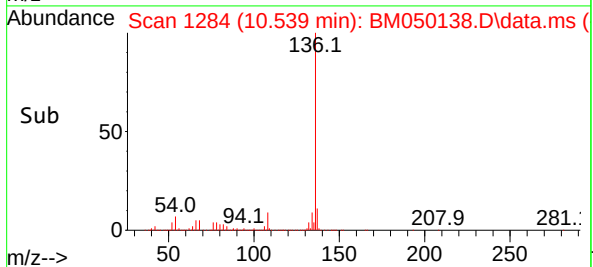
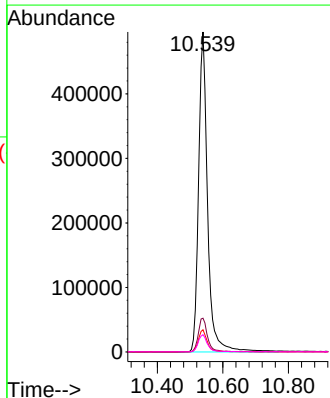
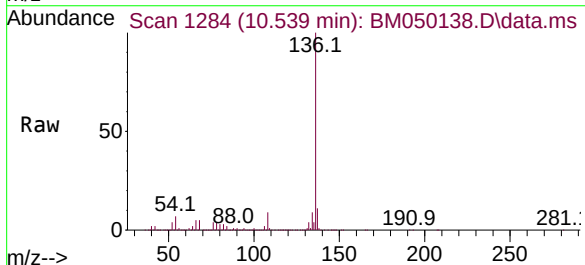
Instrument :
BNA_M
ClientSampleId :
GB3WDL

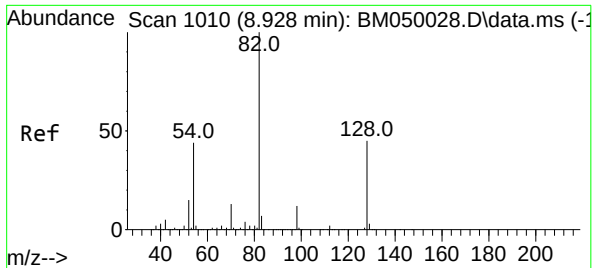
Tgt Ion: 99 Resp: 184138
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.4
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion: 136 Resp: 948637
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.0 5.1 7.7
68 5.4 4.4 6.6

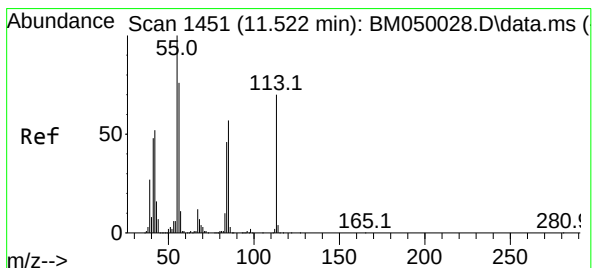
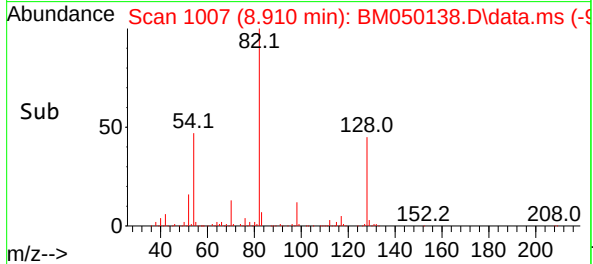
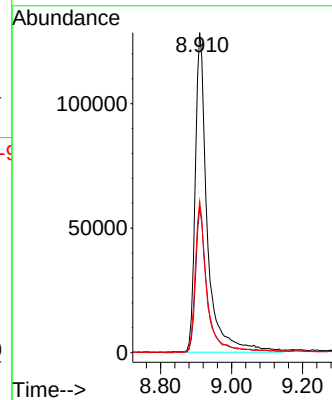
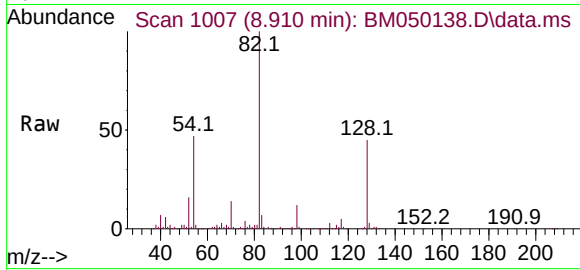




#23
Nitrobenzene-d5
Concen: 15.849 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

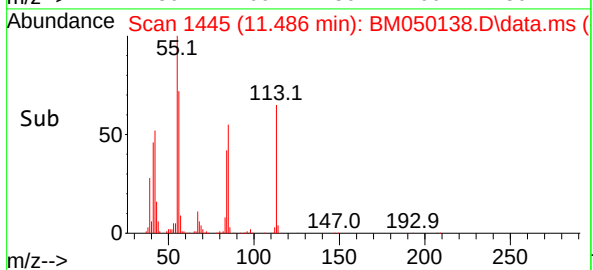
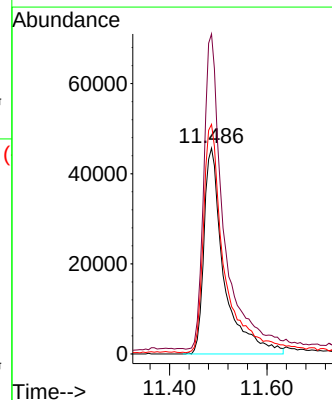
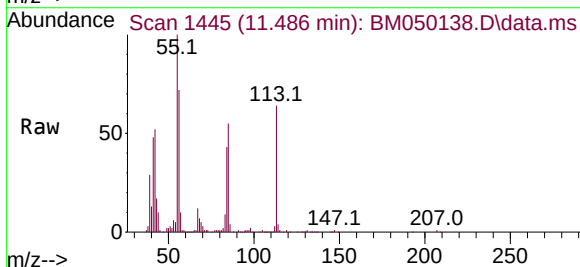
Instrument :
BNA_M
ClientSampleId :
GB3WDL

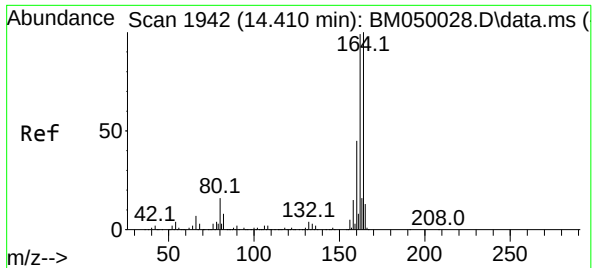
Tgt Ion: 82 Resp: 305105
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 47.3 35.4 53.2



#35
Caprolactam
Concen: 28.357 ng
RT: 11.486 min Scan# 1445
Delta R.T. -0.035 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion: 113 Resp: 130629
Ion Ratio Lower Upper
113 100
55 155.5 122.9 162.9
56 111.6 88.1 128.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.018 min

Lab File: BM050138.D

Acq: 07 May 2025 17:03

Instrument :

BNA_M

ClientSampleId :

GB3WDL

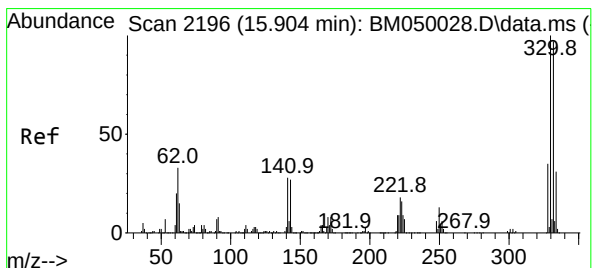
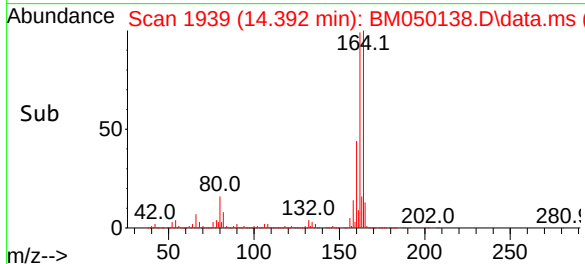
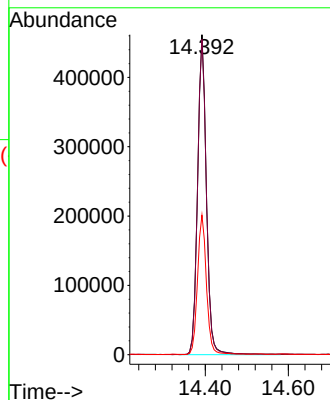
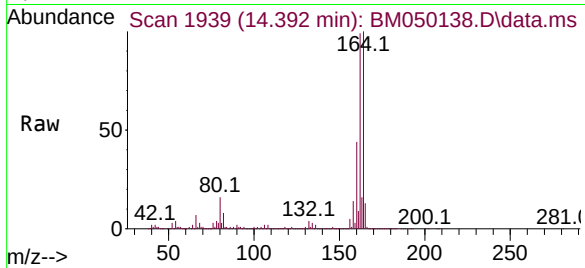
Tgt Ion:164 Resp: 680621

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 43.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 26.815 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM050138.D

Acq: 07 May 2025 17:03

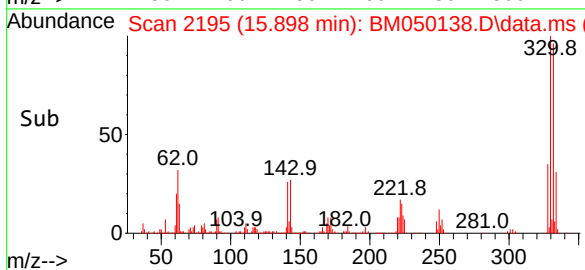
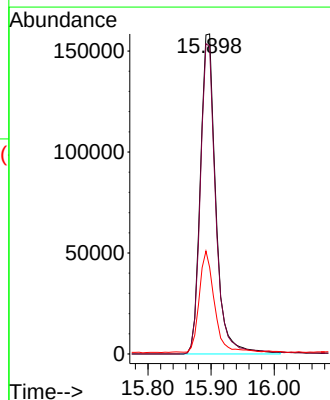
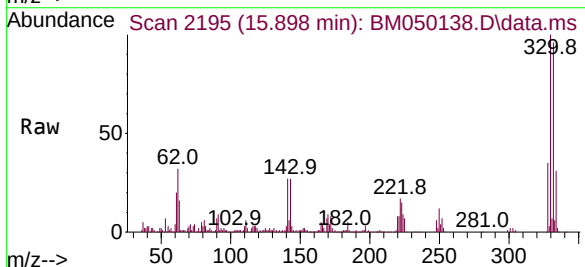
Tgt Ion:330 Resp: 269859

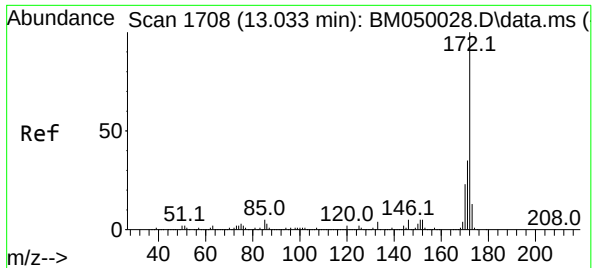
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 30.6 22.5 33.7

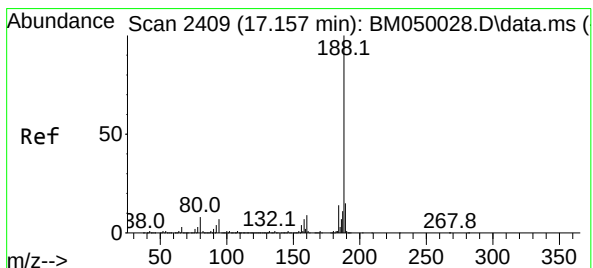
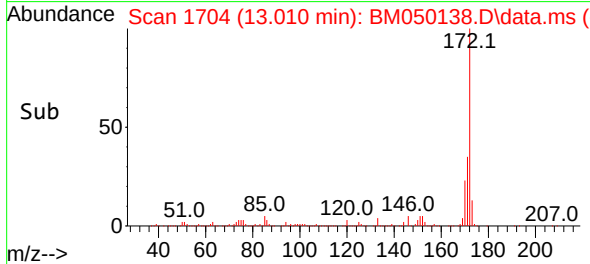
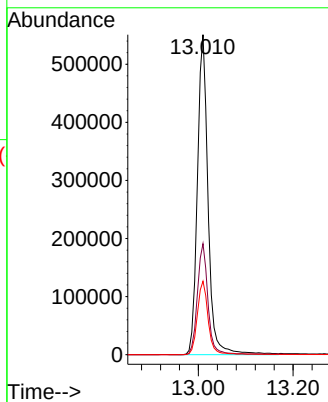
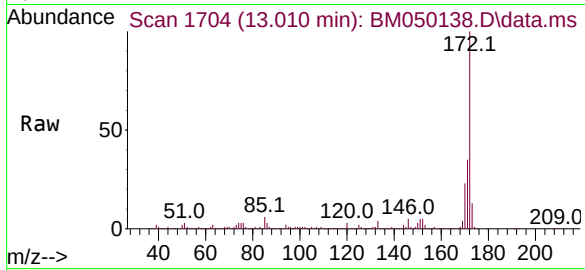




#45
2-Fluorobiphenyl
Concen: 15.072 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

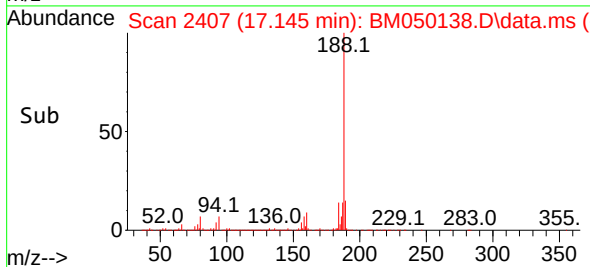
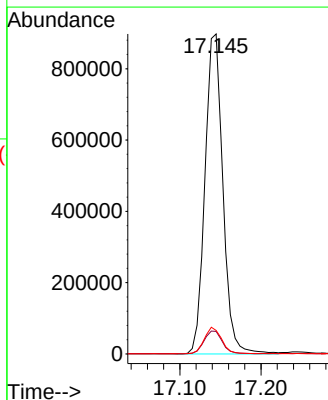
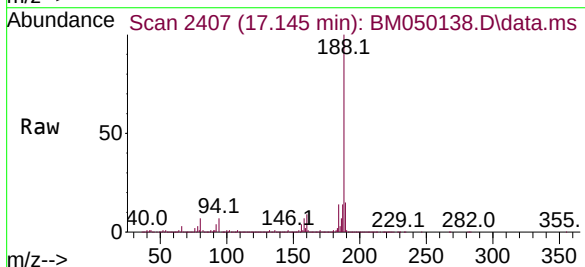
Instrument :
BNA_M
ClientSampleId :
GB3WDL

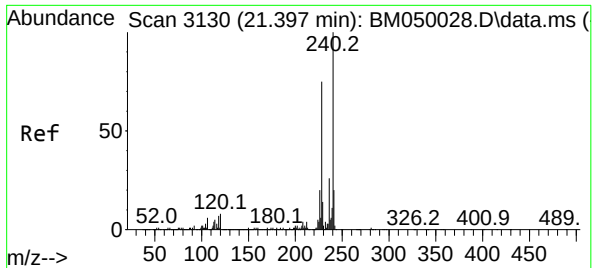
Tgt Ion:172 Resp: 867165
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.9 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:188 Resp: 1371677
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.4 6.2 9.4

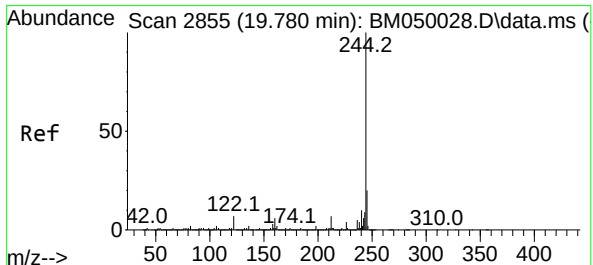
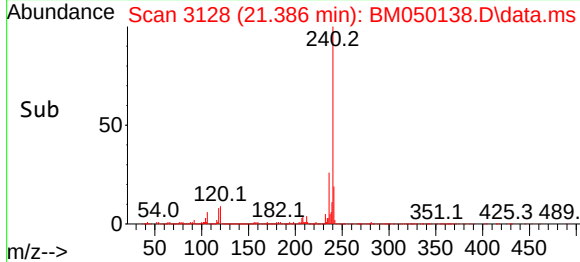
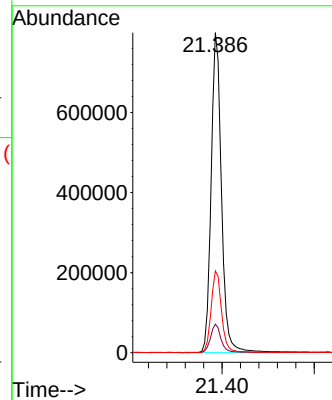
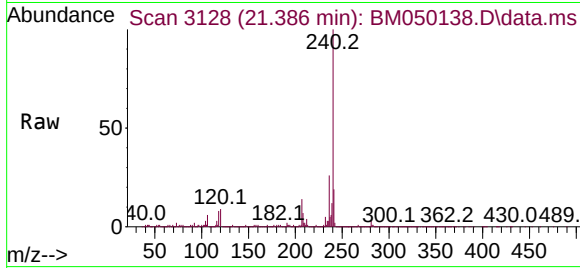




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

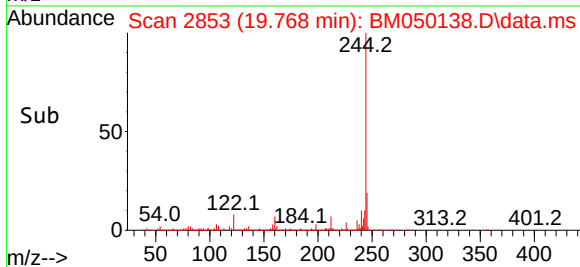
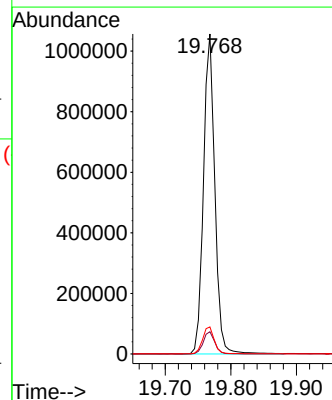
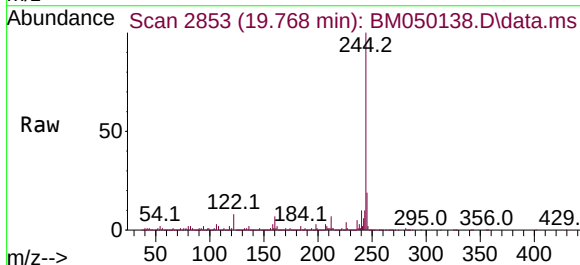
Instrument :
BNA_M
ClientSampleId :
GB3WDL

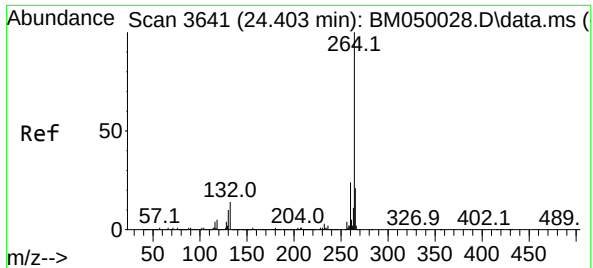
Tgt Ion:240 Resp: 1252991
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 15.034 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Tgt Ion:244 Resp: 1273016
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 8.4 5.6 8.4#

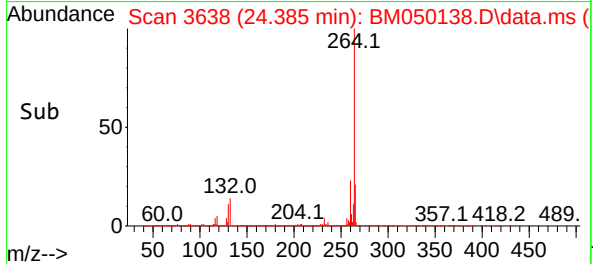
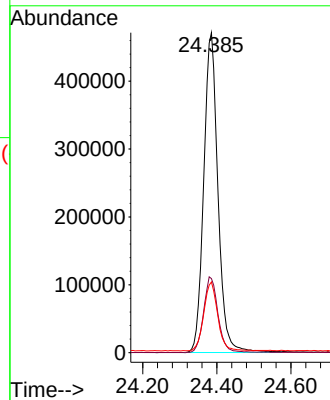
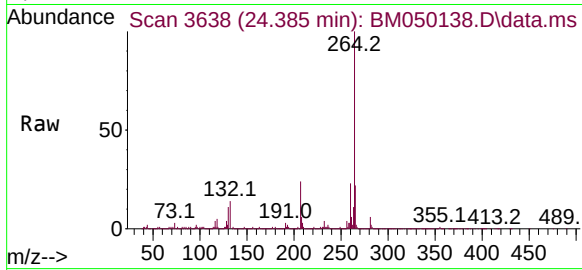




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM050138.D
Acq: 07 May 2025 17:03

Instrument :
BNA_M
ClientSampleId :
GB3WDL

Tgt Ion:264 Resp: 1255099
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 22.1 17.0 25.4





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Benzaldehyde		0.940	0.920	0.971	1.031	1.013	0.961	5.1
Aniline		1.657	1.689	1.768	1.942	1.922	1.813	6.2
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Phenol		1.349	1.344	1.420	1.539	1.537	1.453	5.7
bis(2-Chloroethyl)ether		1.213	1.105	1.176	1.279	1.271	1.214	4.9
2-Chlorophenol		1.169	1.161	1.198	1.312	1.301	1.235	5.0
2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.957	7.0
2,2-oxybis(1-Chloropropane)		1.487	1.422	1.445	1.552	1.513	1.475	3.2
Acetophenone		0.483	0.464	0.485	0.531	0.525	0.497	4.9
3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.293	8.1
n-Nitroso-di-n-propylamine	0.802	0.889	0.885	0.921	1.003	0.988	0.921	7.0
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	3.8
Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.351	5.2
Isophorone		0.666	0.648	0.680	0.729	0.729	0.692	4.4
2-Nitrophenol		0.148	0.157	0.172	0.196	0.198	0.179	11.3
2,4-Dimethylphenol		0.263	0.266	0.289	0.324	0.322	0.297	8.4
bis(2-Chloroethoxy)methane		0.407	0.399	0.422	0.455	0.452	0.428	4.9
2,4-Dichlorophenol		0.294	0.298	0.326	0.362	0.359	0.333	8.5
Naphthalene		1.001	0.959	0.993	1.066	1.057	1.013	3.8
4-Chloroaniline		0.361	0.393	0.404	0.441	0.448	0.415	7.5
Hexachlorobutadiene		0.253	0.240	0.249	0.270	0.270	0.258	4.3
Caprolactam		0.090	0.085	0.095	0.104	0.104	0.097	7.7
4-Chloro-3-methylphenol		0.289	0.283	0.302	0.325	0.329	0.308	5.7
2-Methylnaphthalene		0.656	0.639	0.662	0.713	0.714	0.679	4.2
Hexachlorocyclopentadiene			0.303	0.362	0.455	0.468	0.423	17.3
2,4,6-Trichlorophenol		0.372	0.381	0.423	0.476	0.485	0.439	10.8
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
2,4,5-Trichlorophenol		0.410	0.417	0.453	0.517	0.519	0.474	9.8
1,1-Biphenyl		1.427	1.395	1.452	1.573	1.581	1.487	4.8
2-Chloronaphthalene		1.126	1.112	1.155	1.250	1.248	1.177	4.7
2-Nitroaniline		0.238	0.242	0.269	0.302	0.304	0.276	10.0
Dimethylphthalate		1.444	1.377	1.437	1.532	1.543	1.462	4.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Acenaphthylene		1.794	1.715	1.810	1.972	1.971	1.857	5.1
2,6-Dinitrotoluene		0.266	0.271	0.299	0.327	0.331	0.303	8.5
3-Nitroaniline		0.233	0.247	0.284	0.321	0.325	0.289	12.5
Acenaphthene		1.038	0.998	1.046	1.133	1.145	1.075	4.9
2,4-Dinitrophenol			0.100	0.132	0.178	0.194	0.164	23.6
4-Nitrophenol			0.128	0.180	0.224	0.237	0.205	21.0
Dibenzofuran		1.749	1.681	1.749	1.876	1.888	1.788	4.2
2,4-Dinitrotoluene		0.338	0.366	0.412	0.456	0.468	0.418	11.7
Diethylphthalate		1.372	1.301	1.380	1.433	1.451	1.377	3.9
4-Chlorophenyl-phenylether		0.741	0.716	0.770	0.857	0.871	0.804	7.6
Fluorene		1.387	1.343	1.431	1.558	1.573	1.463	5.8
4-Nitroaniline		0.208	0.234	0.277	0.313	0.321	0.279	15.2
4,6-Dinitro-2-methylphenol			0.088	0.110	0.135	0.142	0.125	17.2
n-Nitrosodiphenylamine		0.580	0.572	0.596	0.655	0.657	0.614	5.6
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
4-Bromophenyl-phenylether		0.223	0.216	0.229	0.258	0.258	0.242	7.6
Hexachlorobenzene		0.265	0.251	0.264	0.294	0.295	0.279	6.5
Atrazine		0.196	0.198	0.214	0.236	0.242	0.222	8.5
Pentachlorophenol			0.117	0.141	0.167	0.172	0.157	14.5
Phenanthrene		1.075	1.035	1.083	1.187	1.212	1.128	5.8
Anthracene		1.062	1.038	1.096	1.214	1.236	1.142	6.8
Carbazole		0.909	0.900	0.960	1.054	1.075	0.991	7.1
Di-n-butylphthalate		1.106	1.082	1.151	1.246	1.277	1.180	6.2
Fluoranthene		1.178	1.142	1.250	1.410	1.455	1.324	9.9
Pyrene		1.290	1.255	1.332	1.518	1.520	1.404	7.8
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6
Butylbenzylphthalate		0.489	0.479	0.515	0.562	0.568	0.526	6.5
3,3-Dichlorobenzidine		0.434	0.432	0.483	0.580	0.597	0.527	14.1
Benzo(a)anthracene		1.280	1.231	1.321	1.478	1.479	1.377	7.2
Chrysene		1.208	1.170	1.214	1.342	1.369	1.275	6.0
Bis(2-ethylhexyl)phthalate		0.726	0.725	0.775	0.843	0.852	0.786	6.6
Di-n-octyl phthalate		1.221	1.197	1.267	1.366	1.404	1.296	5.9
Benzo(b)fluoranthene		1.128	1.149	1.209	1.406	1.415	1.301	10.2
Benzo(k)fluoranthene		1.219	1.150	1.251	1.387	1.449	1.316	8.3
Benzo(a)pyrene		1.094	1.066	1.147	1.295	1.330	1.218	9.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D		RRF005 = BM050025.D		RRF010 = BM050026.D		
		RRF020 = BM050027.D		RRF040 = BM050028.D		RRF050 = BM050029.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Indeno(1,2,3-cd)pyrene		1.301	1.293	1.404	1.602	1.646	1.490	10.3
Dibenzo(a,h)anthracene		1.056	1.044	1.142	1.300	1.347	1.215	10.7
Benzo(g,h,i)perylene		1.066	1.030	1.105	1.236	1.268	1.163	8.1
1,2,4,5-Tetrachlorobenzene		0.624	0.622	0.655	0.742	0.745	0.692	8.2
1,4-Dioxane		0.506	0.464	0.478	0.511	0.504	0.490	3.8
2,3,4,6-Tetrachlorophenol		0.366	0.362	0.398	0.435	0.445	0.410	8.4

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

Calibration Files

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

Compound		2.5	5	10	20	40	50	60	80	Avg	%RSD

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

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

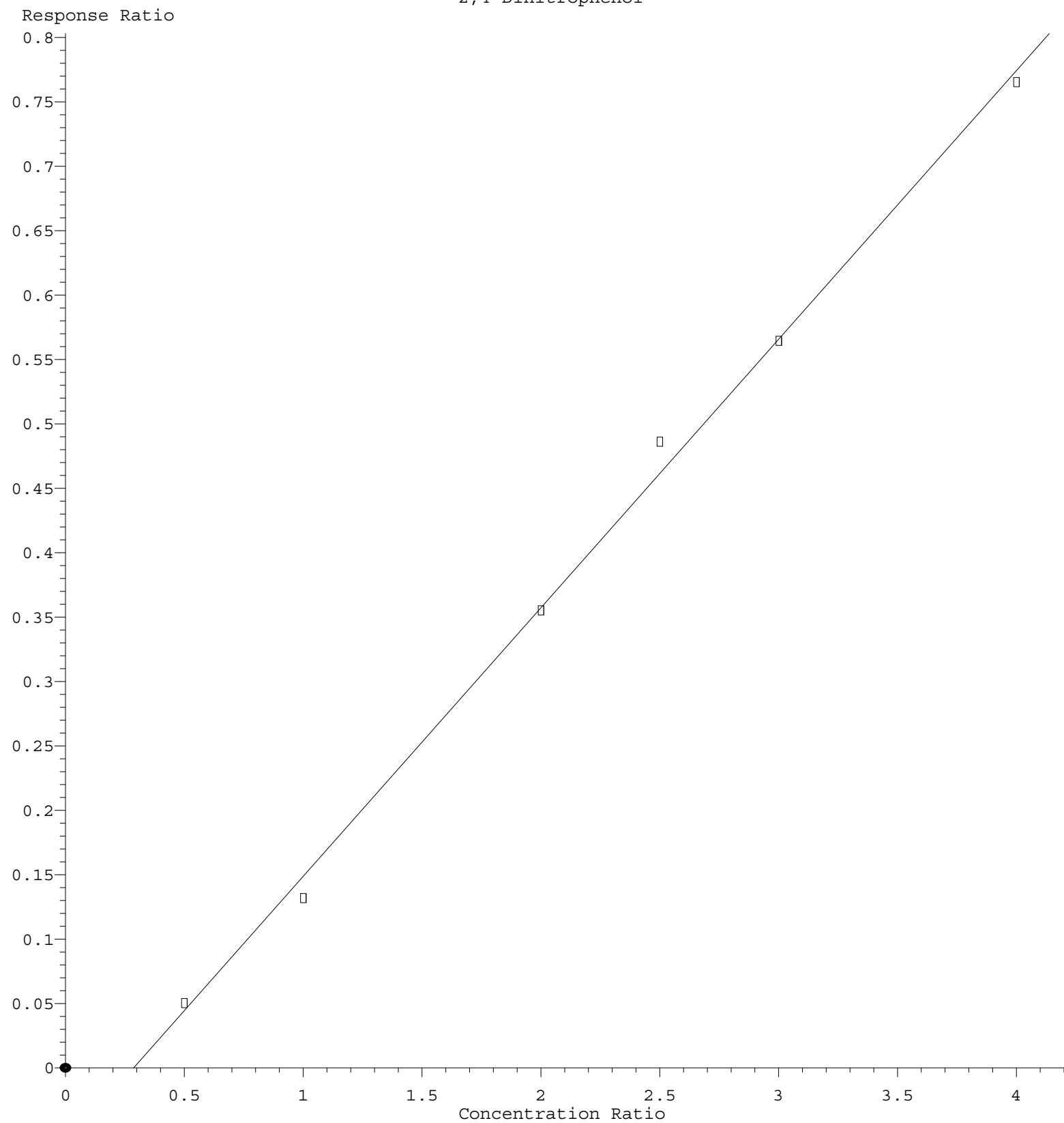
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17	
41) P	Hexachlorocycl...	0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30		
42) S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61	
43) C	2,4,6-Trichlor...	0.372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

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

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

(#) = Out of Range

2,4-Dinitrophenol



$$\text{Response} = 2.086\text{e-}001 * \text{Amt} - 5.991\text{e-}002$$

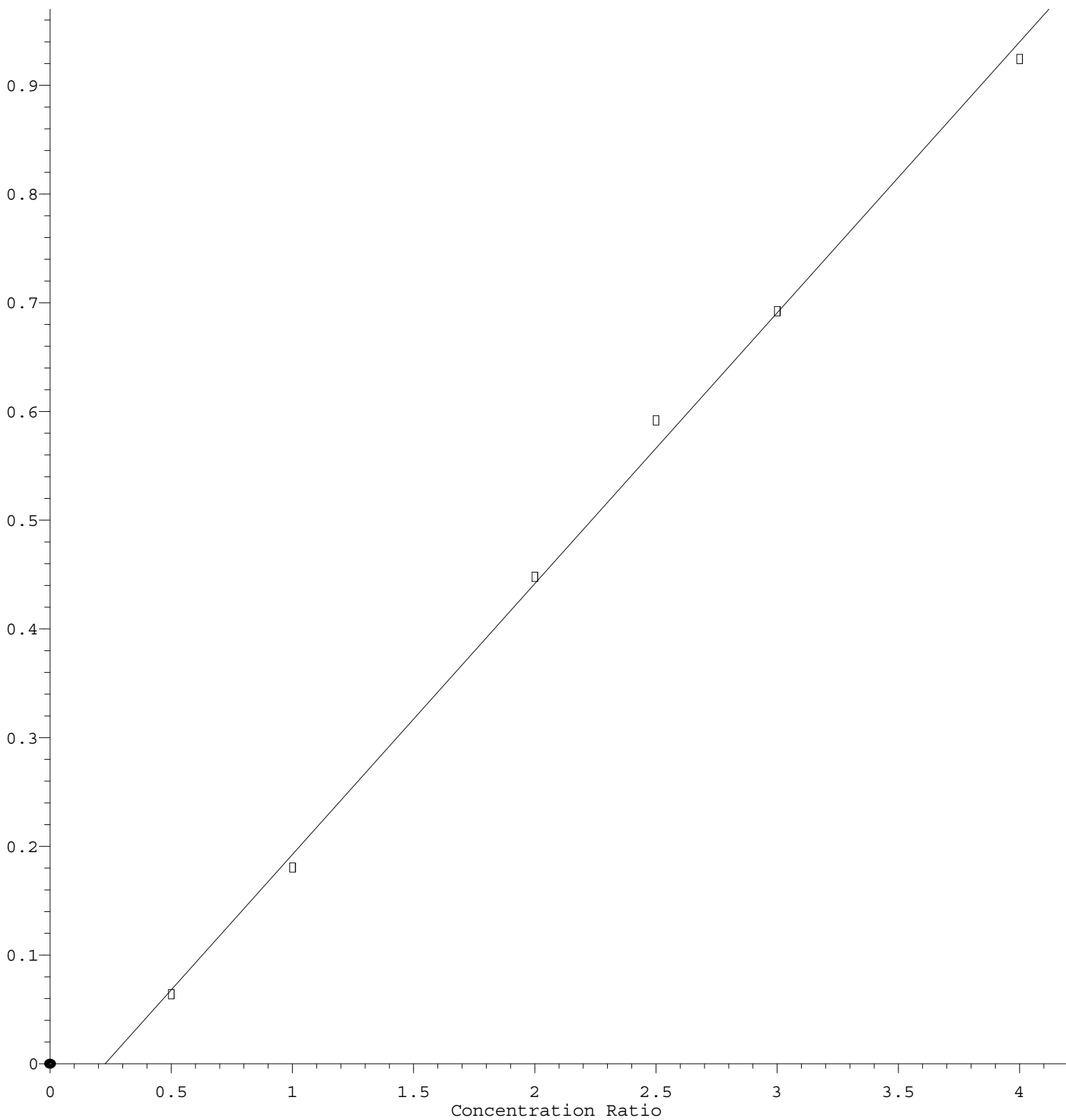
Coef of Det (r^2) = 0.997215 Curve Fit: Linear

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

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

4-Nitrophenol

Response Ratio



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

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

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

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

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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

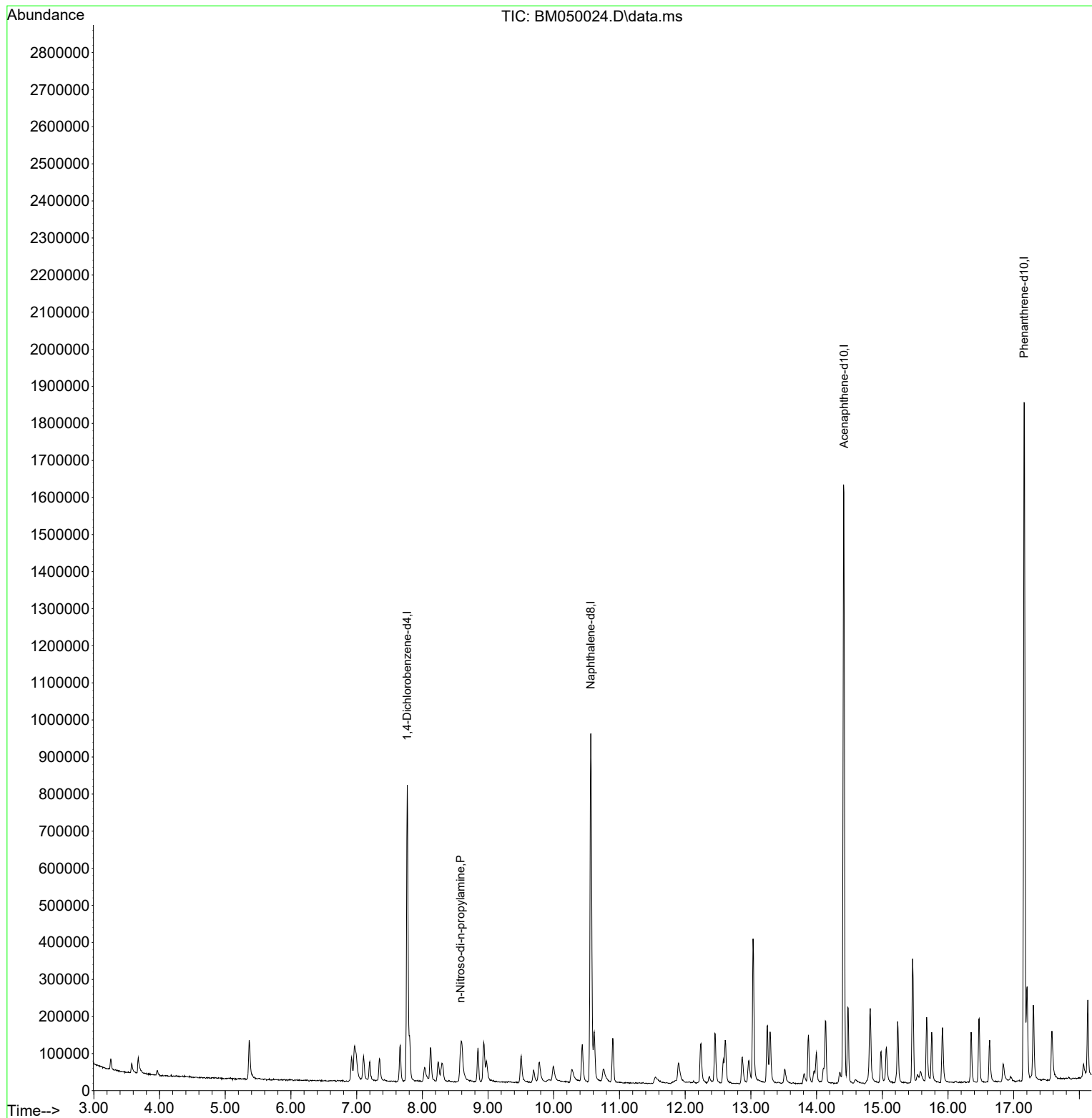
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12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

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

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

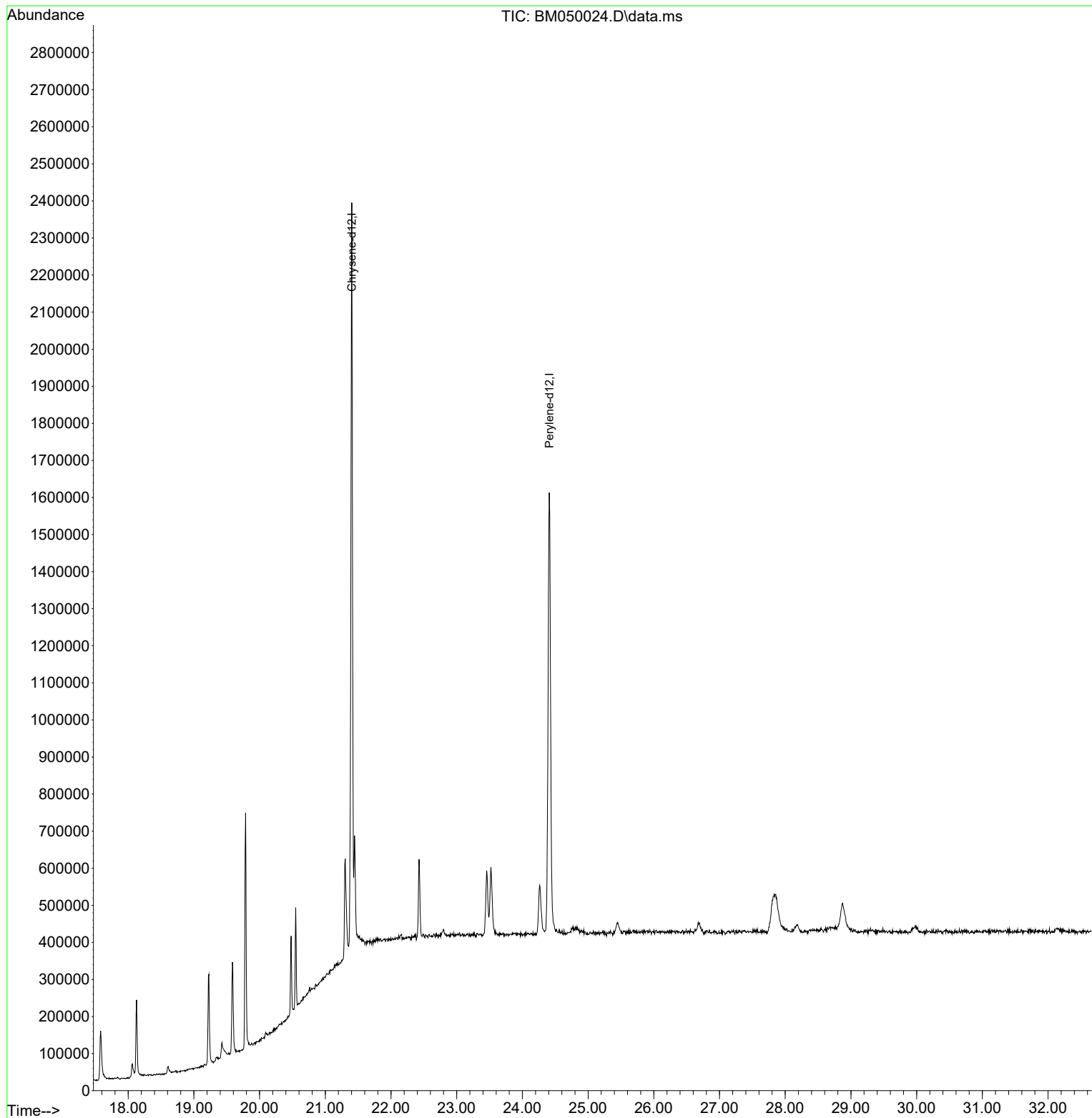
Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

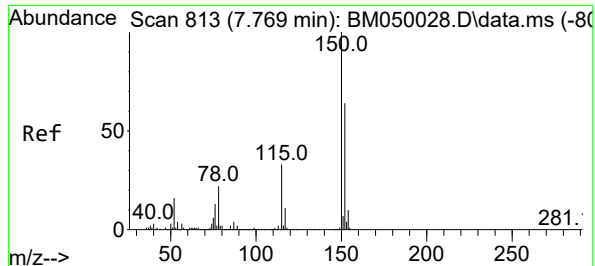


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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

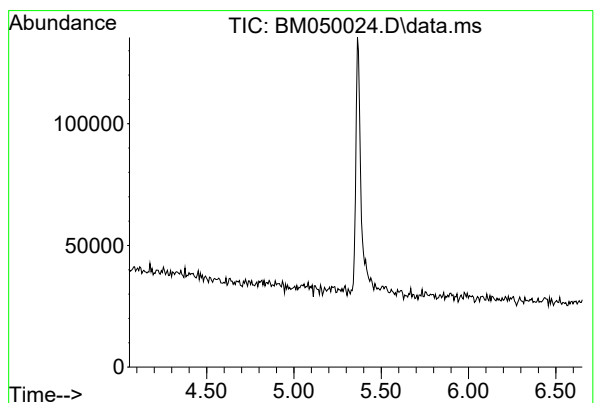
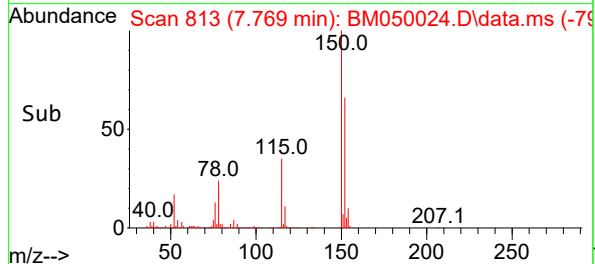
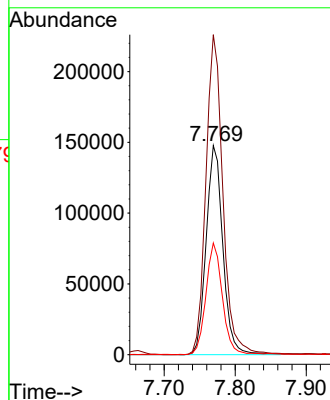
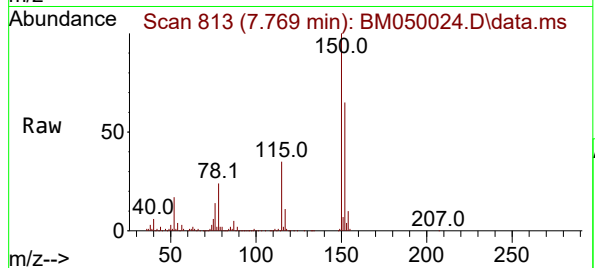




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

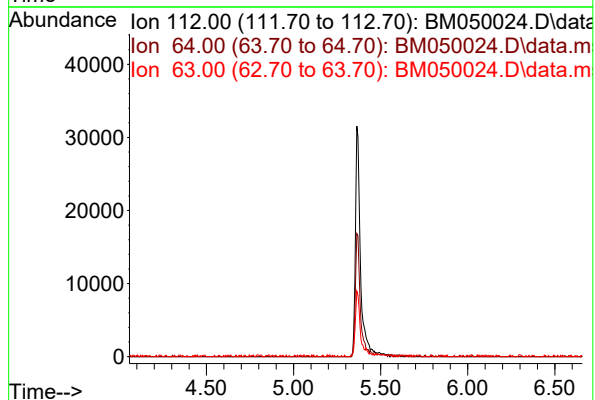
Tgt Ion:152 Resp: 241974
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 53.4 41.2 61.8

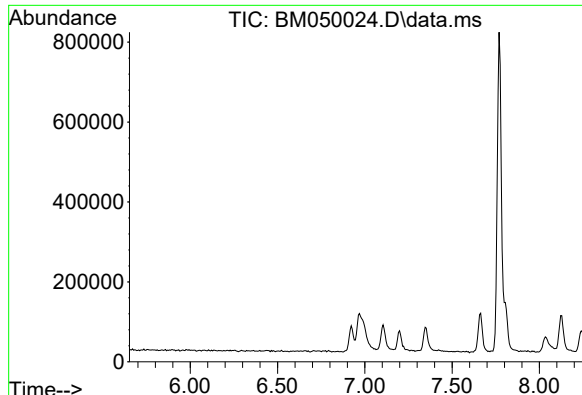


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

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

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





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

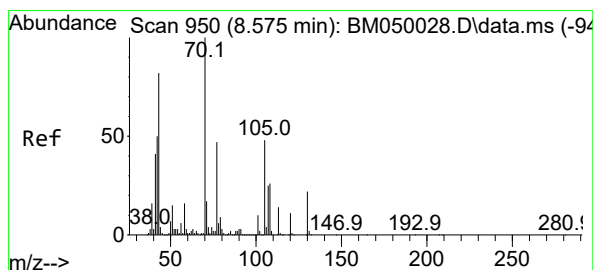
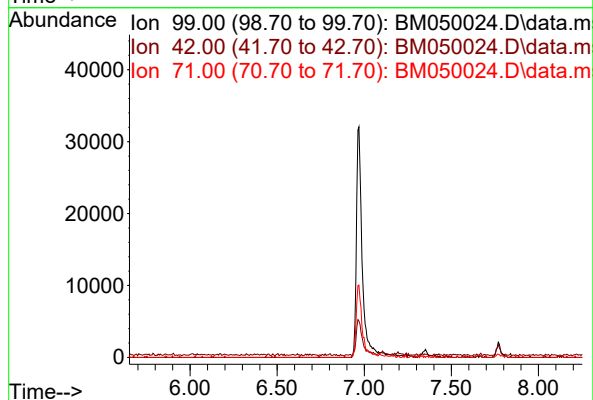
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.2

71 32.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.177 ng

RT: 8.581 min Scan# 951

Delta R.T. 0.006 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

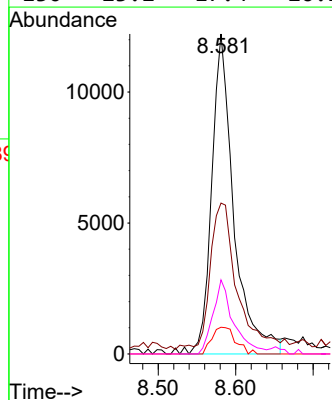
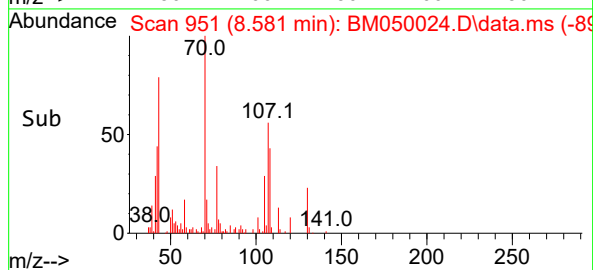
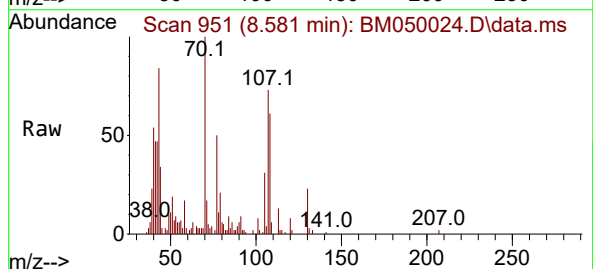
Ion Ratio Lower Upper

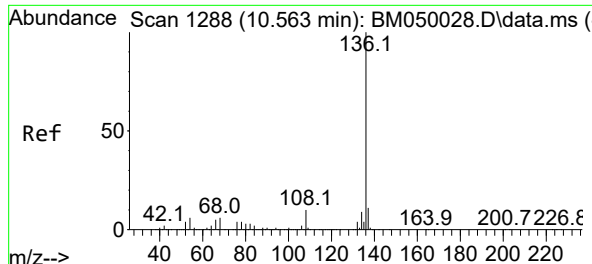
70 100

42 47.1 40.5 60.7

101 8.4 7.8 11.6

130 23.2 17.4 26.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050024.D

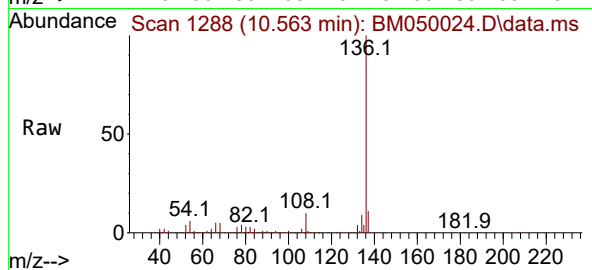
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 868675

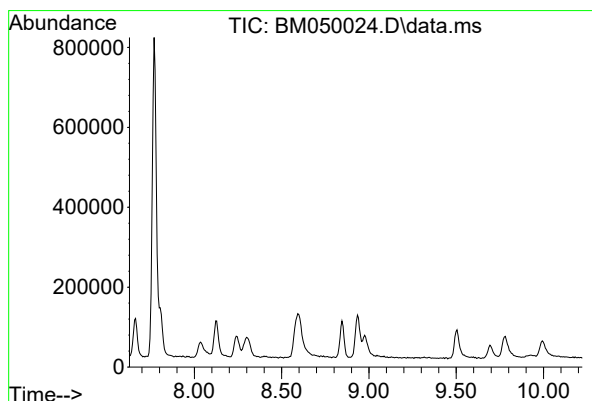
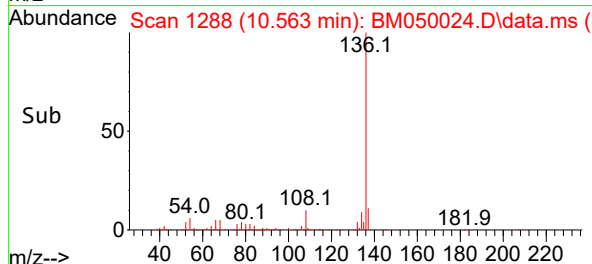
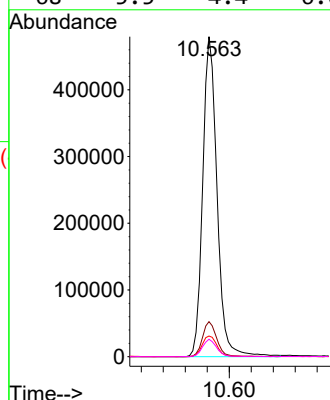
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.93 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

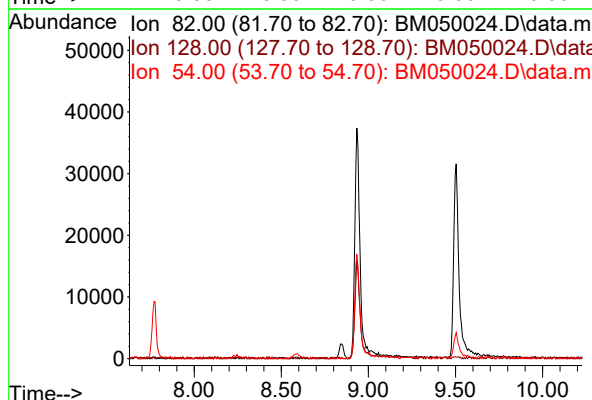
Tgt Ion: 82

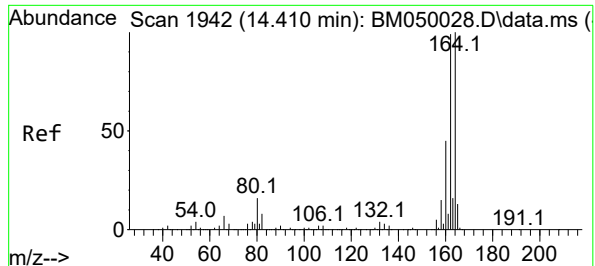
Sig Exp Ratio

82 100

128 44.6

54 44.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM050024.D

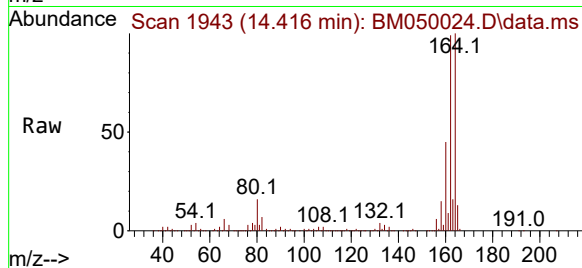
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



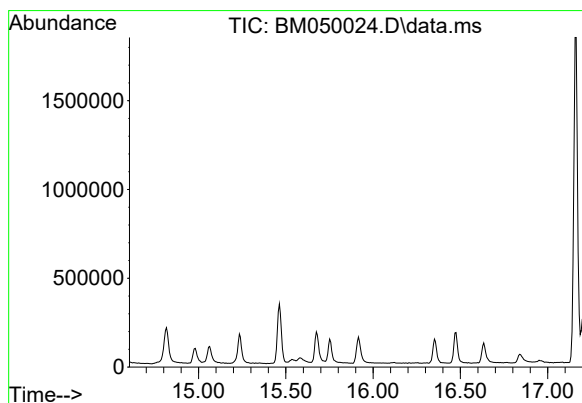
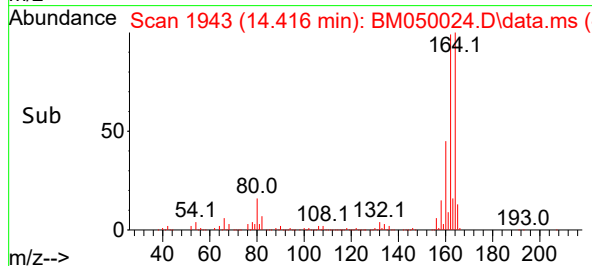
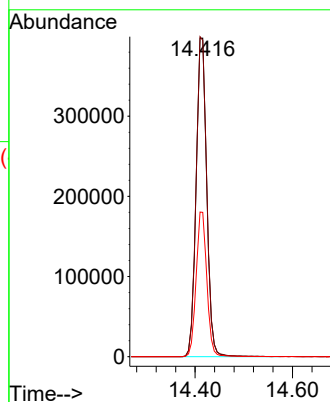
Tgt Ion:164 Resp: 604723

Ion	Ratio	Lower	Upper

164	100		

162	99.3	79.4	119.0

160	45.3	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.90 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

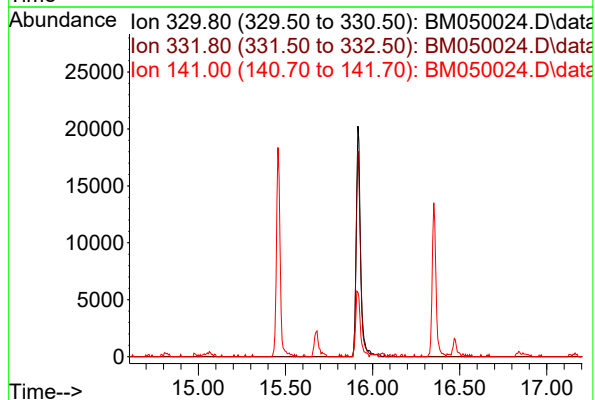
Tgt Ion: 330

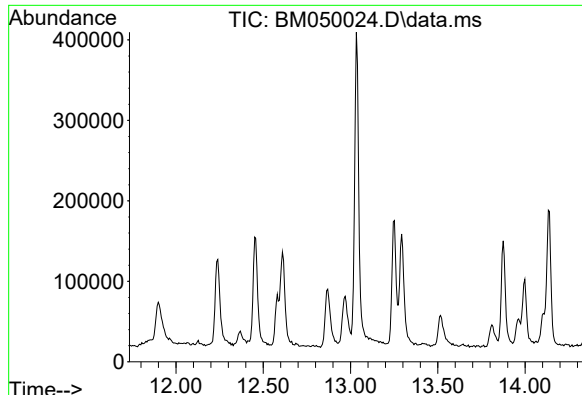
Sig	Exp Ratio

330	100

332	96.6

141	28.1

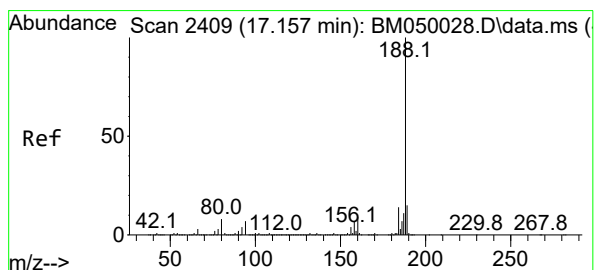
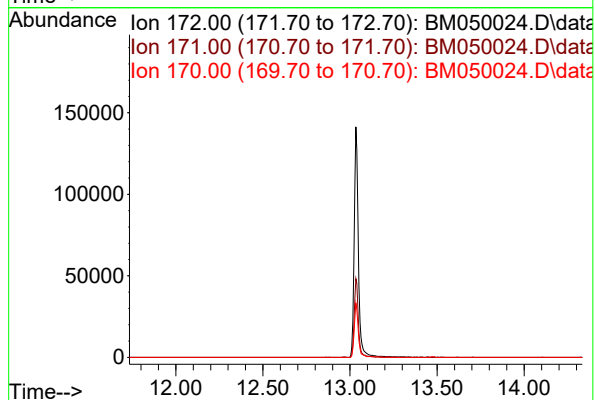




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

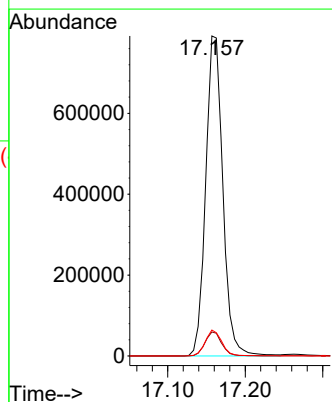
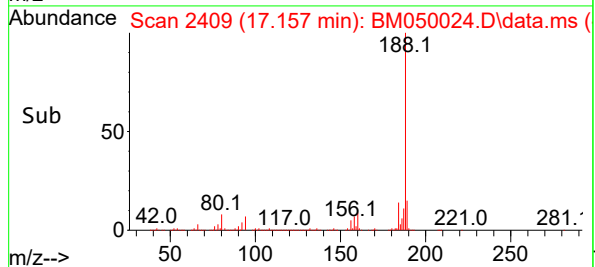
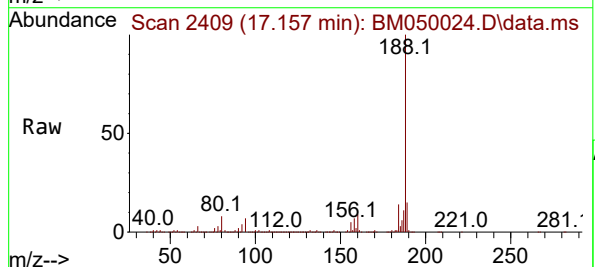
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

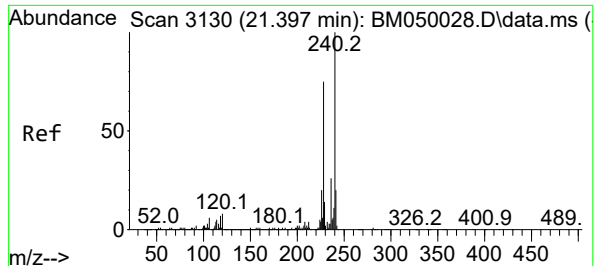
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.3



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

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 31

Delta R.T. 0.007 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

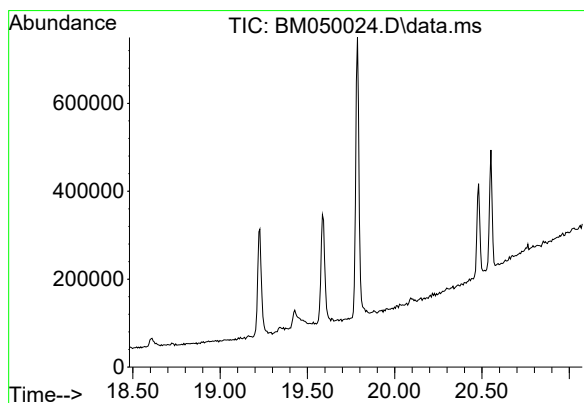
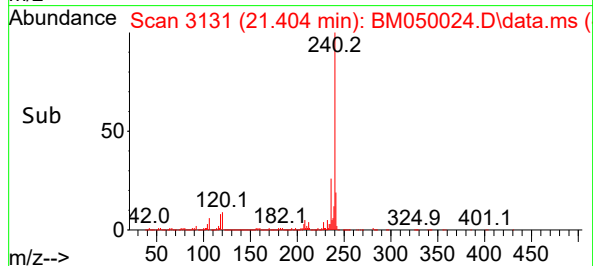
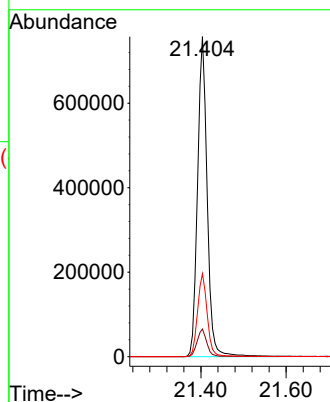
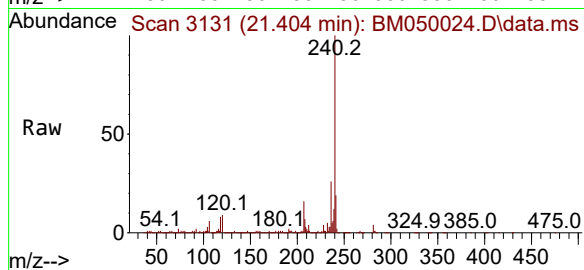
Tgt Ion:240 Resp: 1187007

Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.78 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

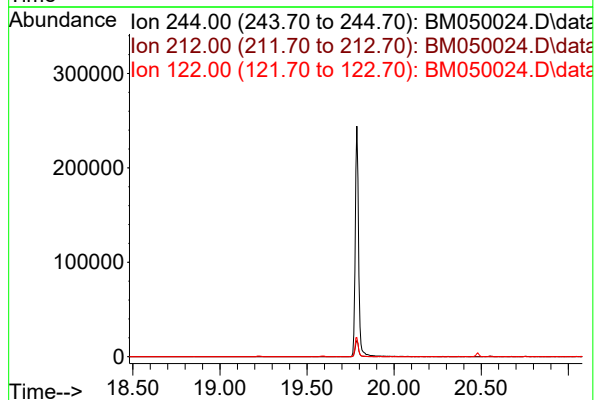
Tgt Ion: 244

Sig Exp Ratio

244 100

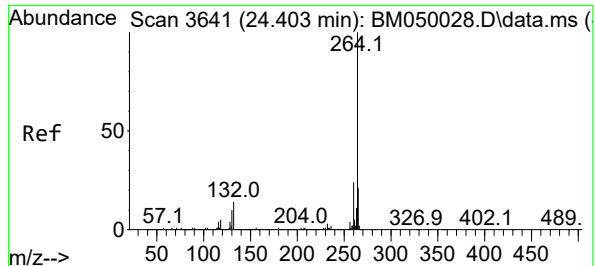
212 7.0

122 7.0



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

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM050024.D

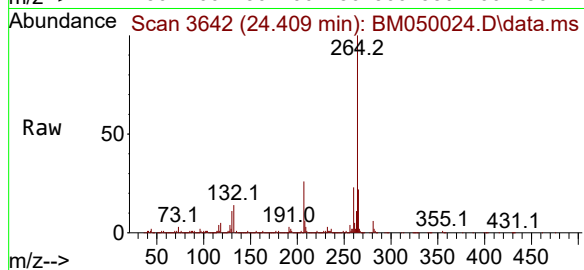
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



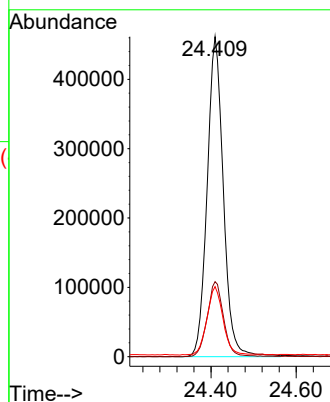
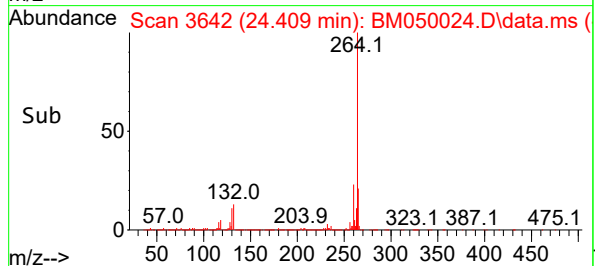
Tgt Ion:264 Resp: 1217038

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.4



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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

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

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

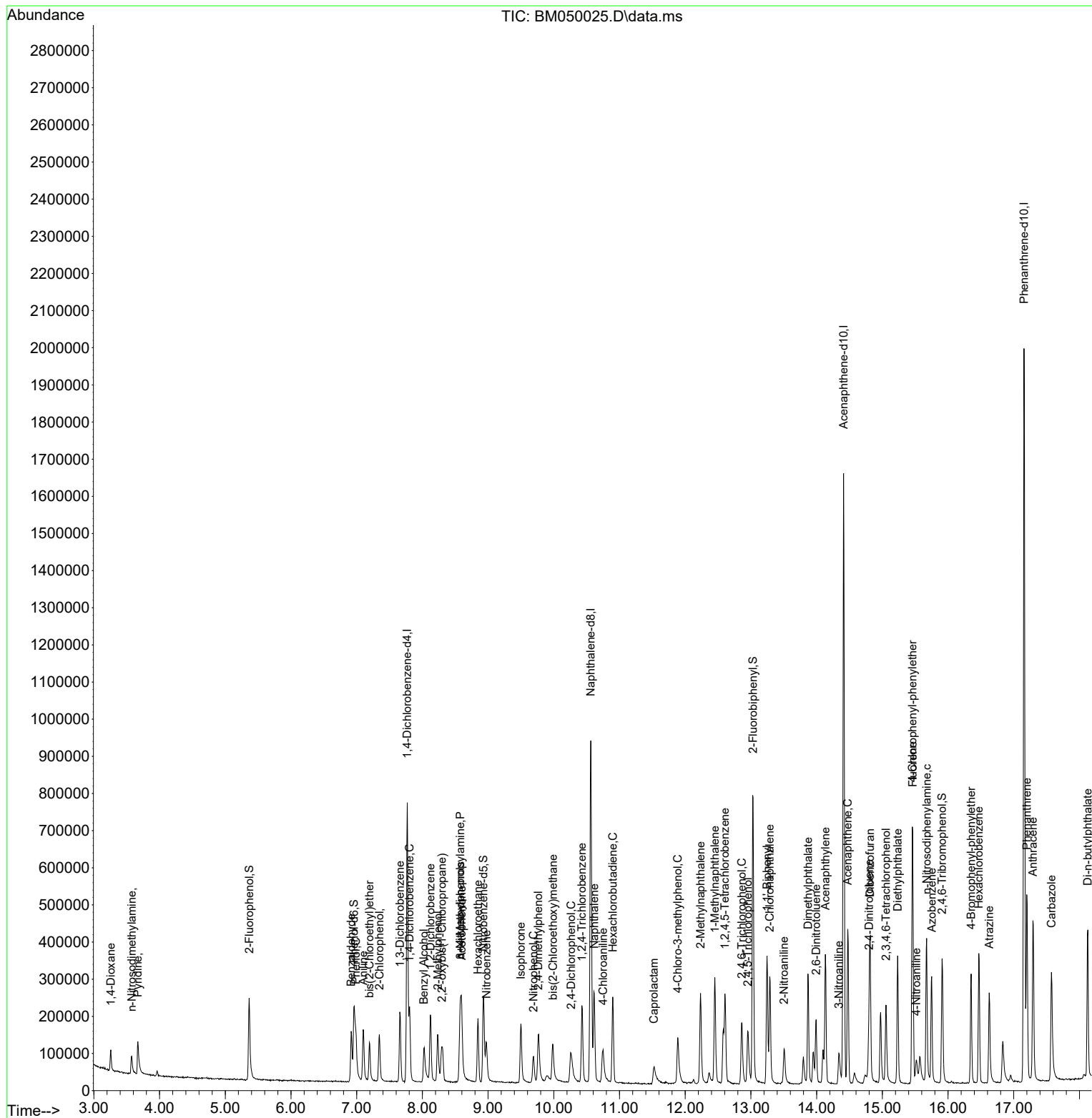
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng	98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng	91
49) Acenaphthylene	14.133	152	259406	4.832	ng	100
50) Dimethylphthalate	13.869	163	208800	4.941	ng	100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng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

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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



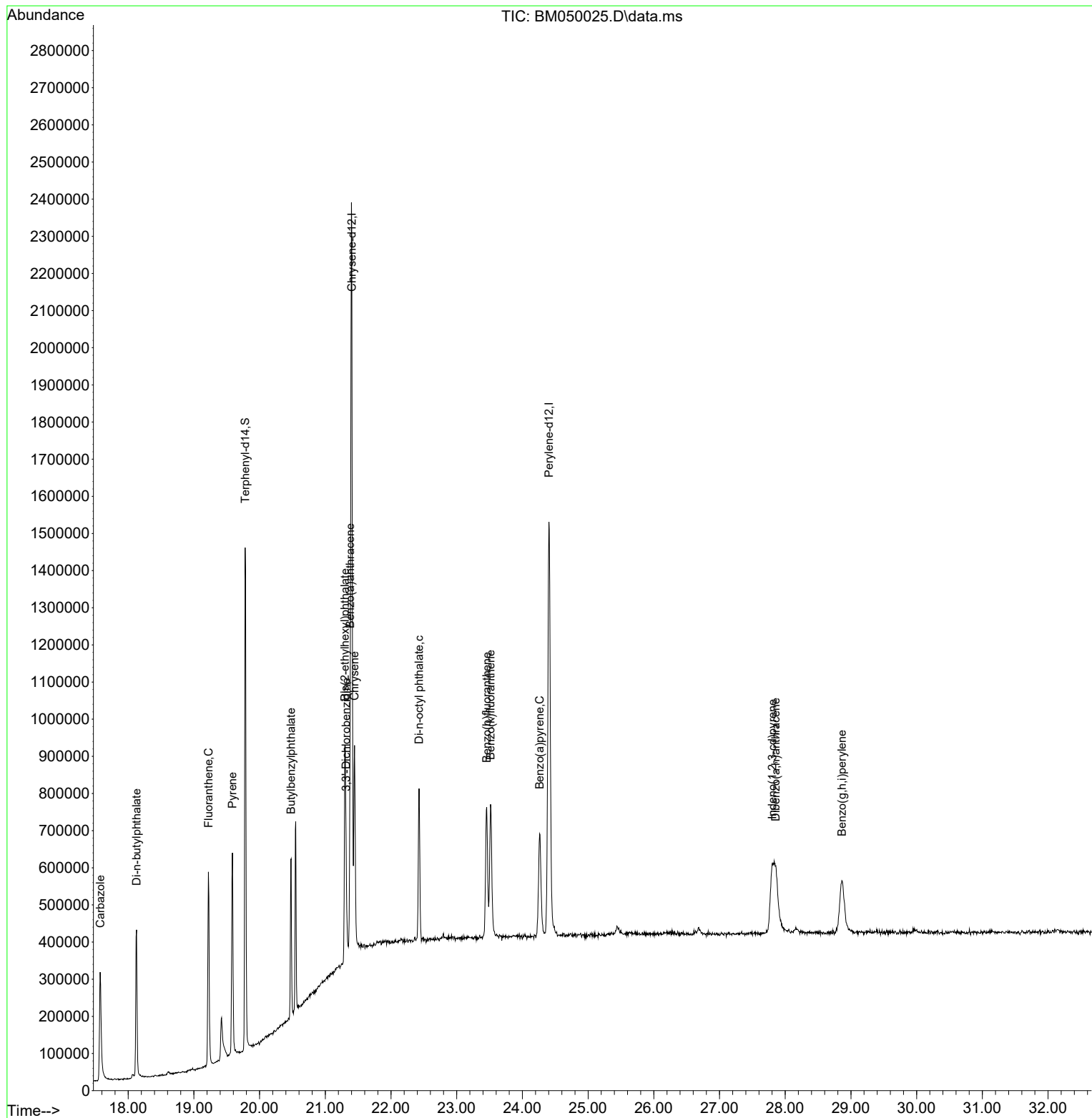
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

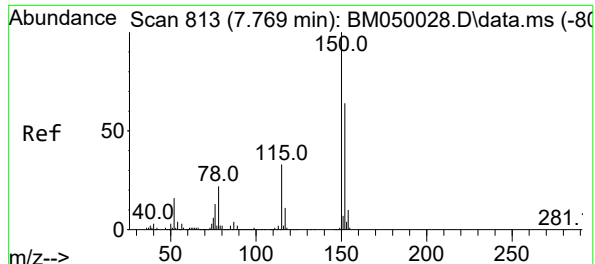
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

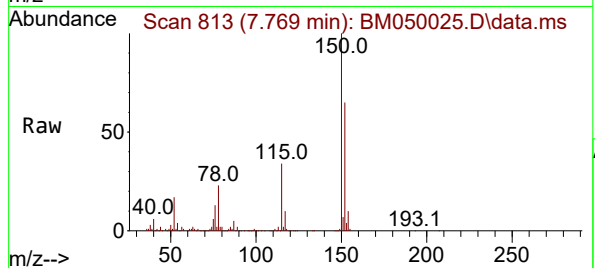
Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





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

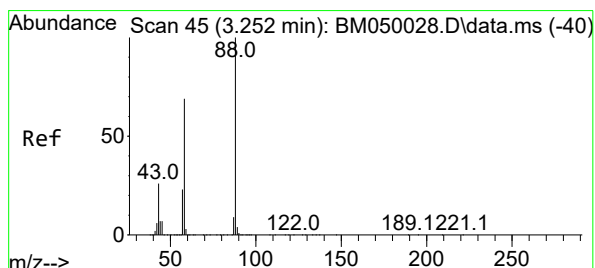
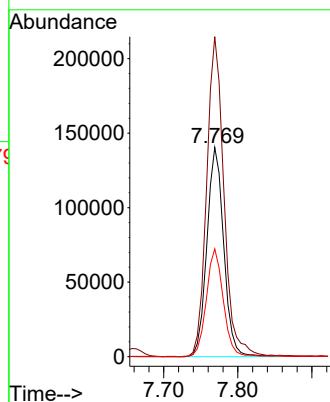
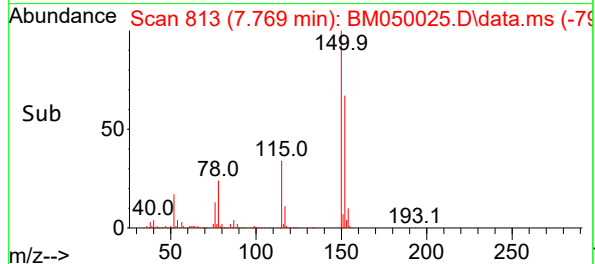
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

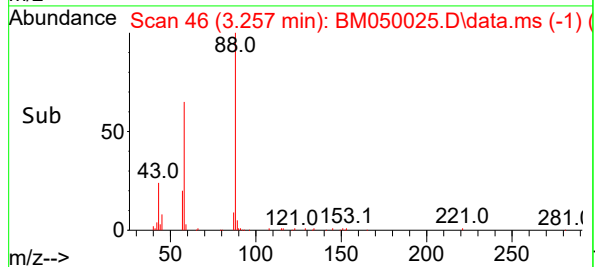
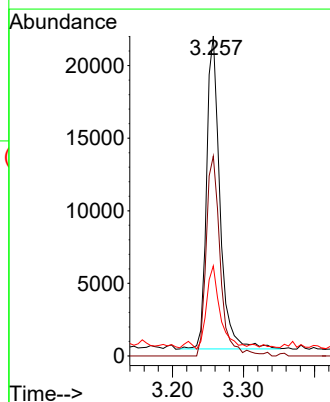
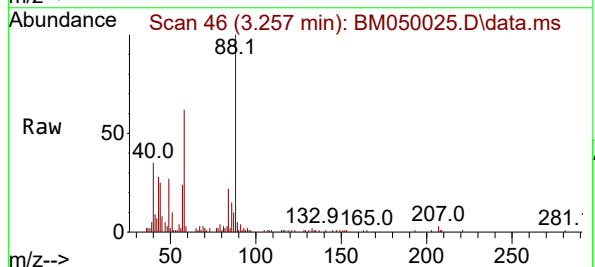
Manual Integrations
APPROVED

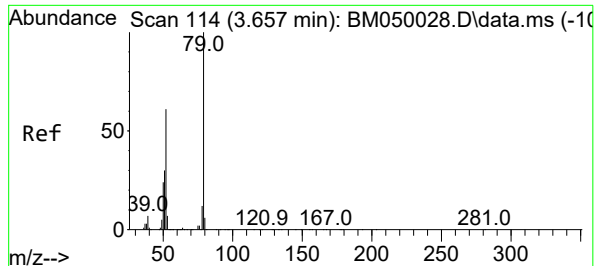
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

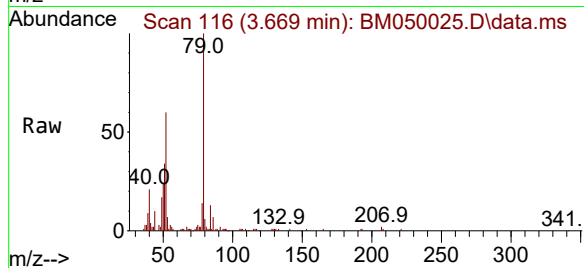
Tgt Ion: 88 Resp: 28163
Ion Ratio Lower Upper
88 100
58 67.8 55.1 82.7
43 27.3 20.9 31.3





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

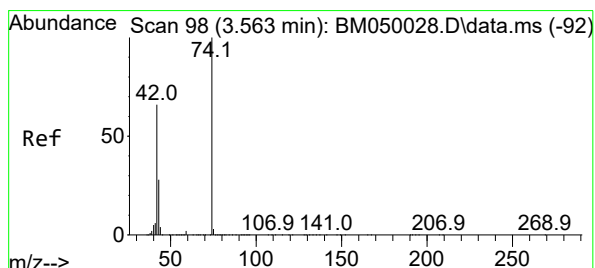
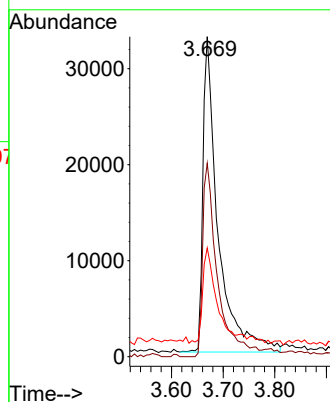
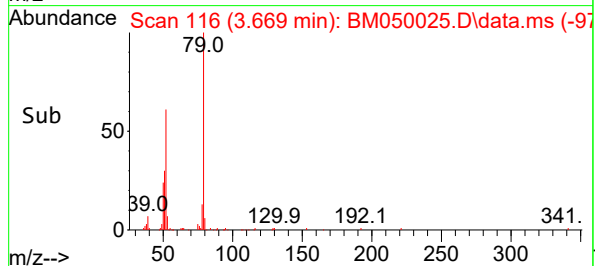
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



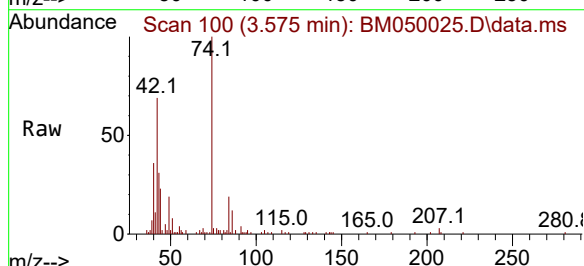
Tgt Ion: 79 Resp: 66760
Ion Ratio Lower Upper
79 100
52 60.5 48.6 72.8
51 34.0 24.6 37.0

Manual Integrations
APPROVED

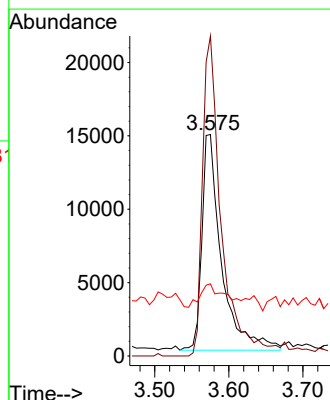
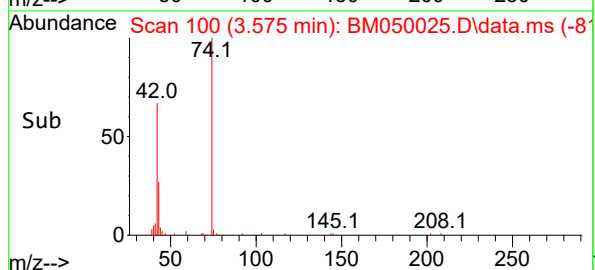
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

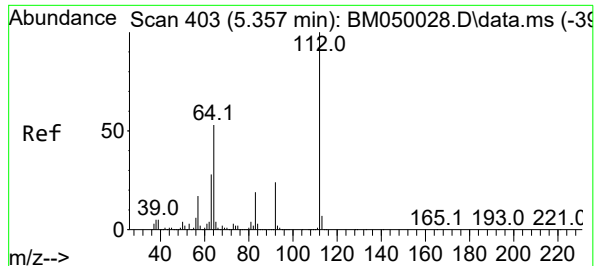


#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



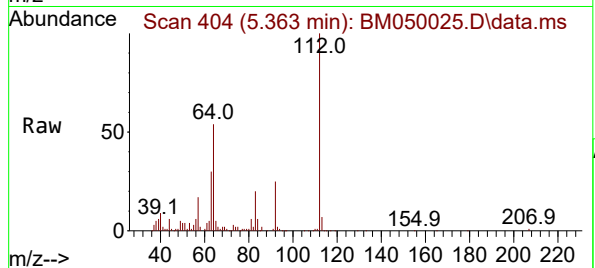
Tgt Ion: 42 Resp: 27060
Ion Ratio Lower Upper
42 100
74 144.5 120.2 180.2
44 32.5 6.2 9.2#





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

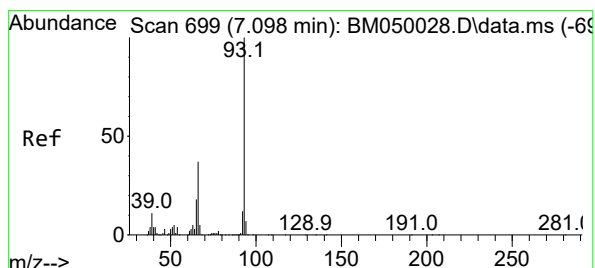
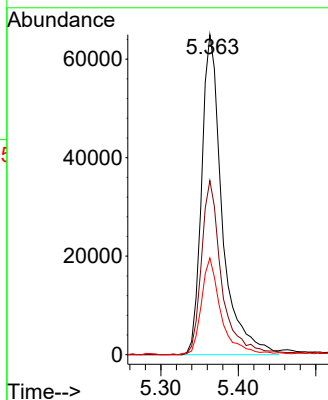
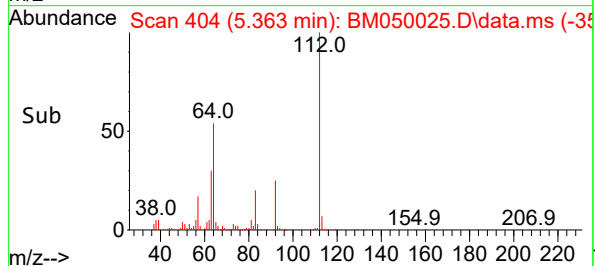
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

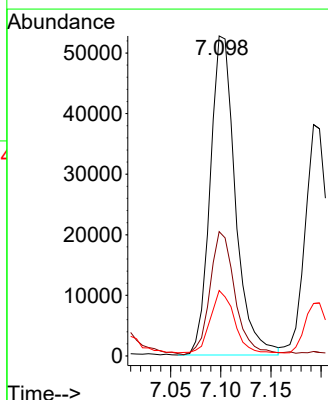
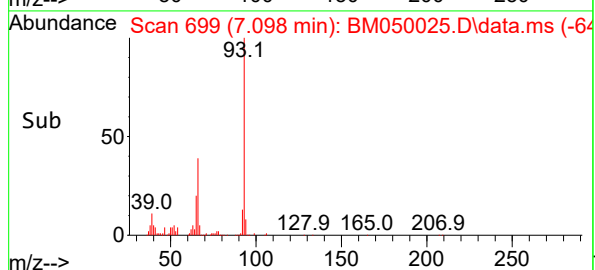
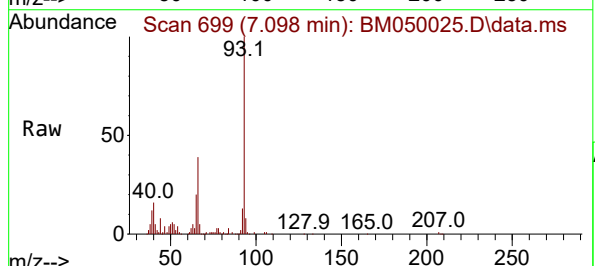
Manual Integrations
APPROVED

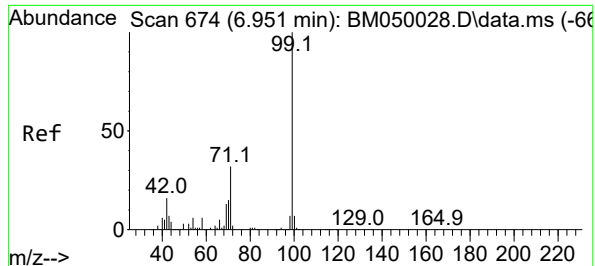
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





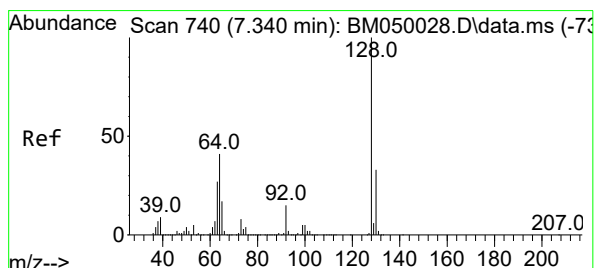
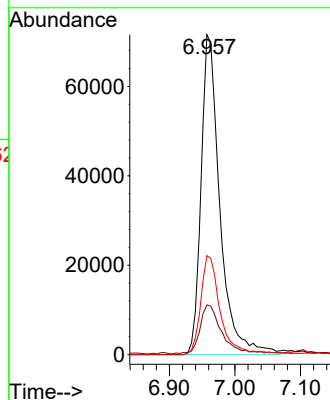
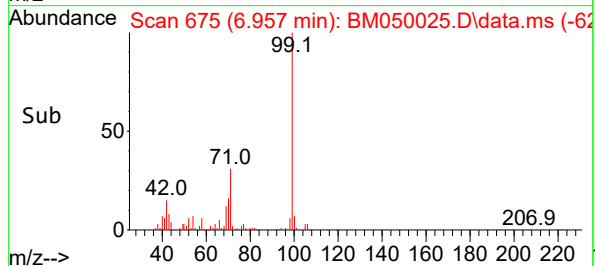
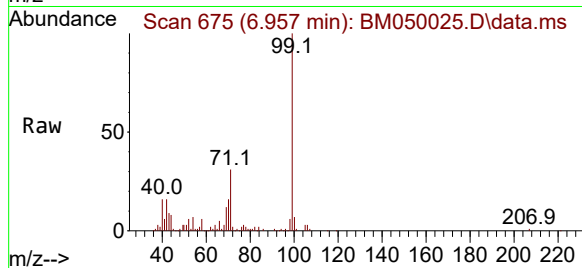
#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

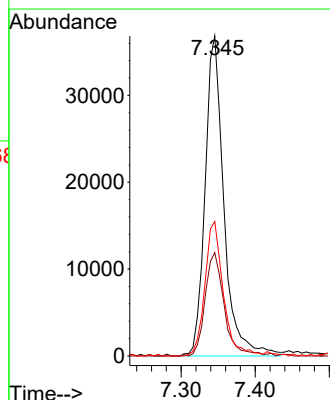
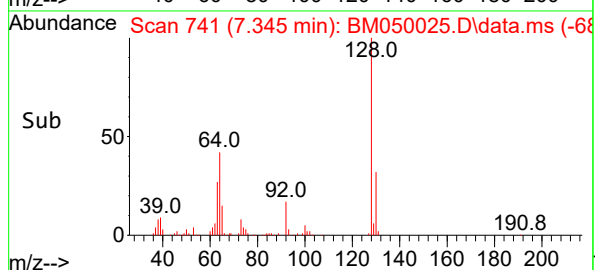
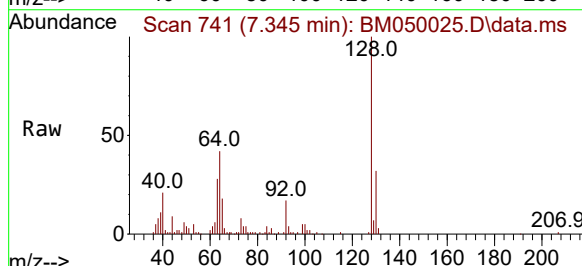
Manual Integrations
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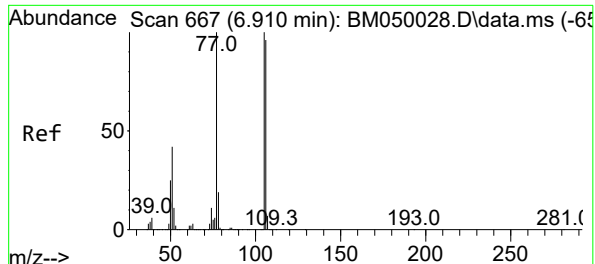
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





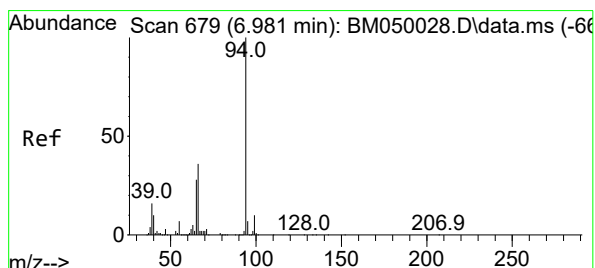
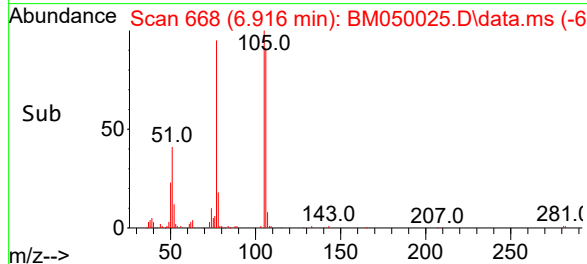
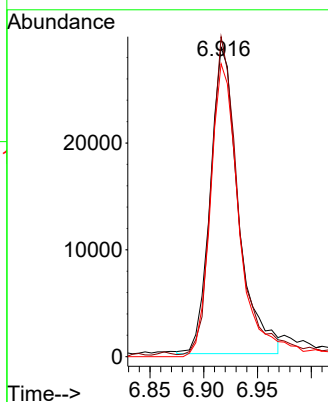
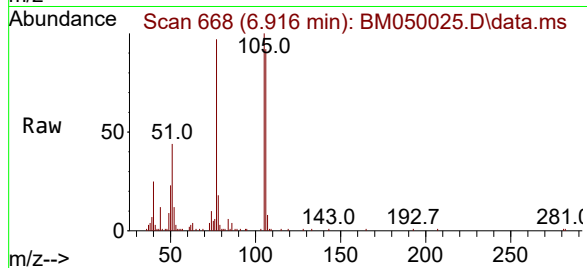
#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 5228
Ion Ratio Lower Upper
77 100
105 103.4 80.5 120.5
106 94.6 76.1 116.1

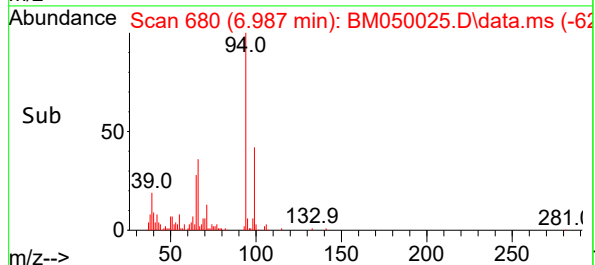
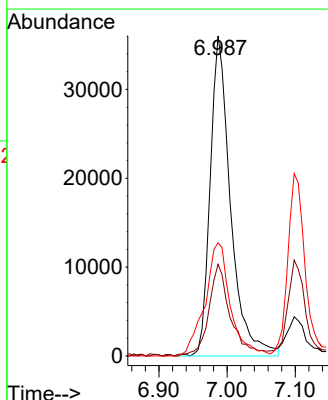
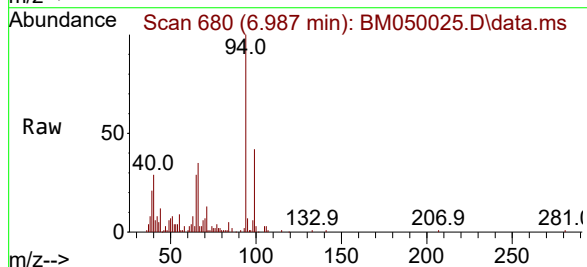
Manual Integrations
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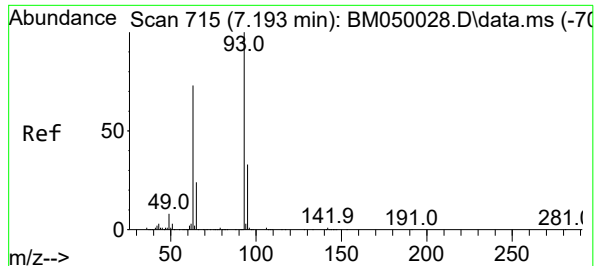
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





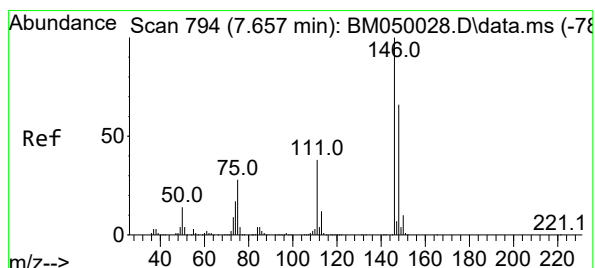
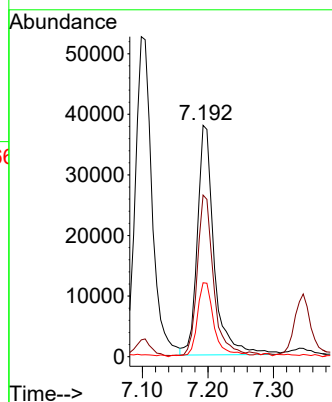
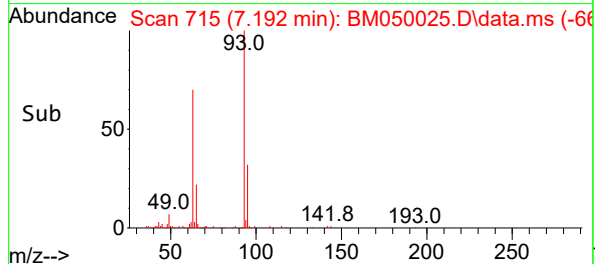
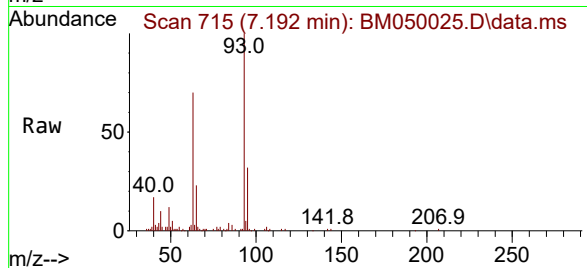
#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

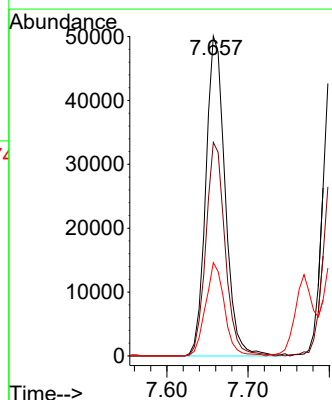
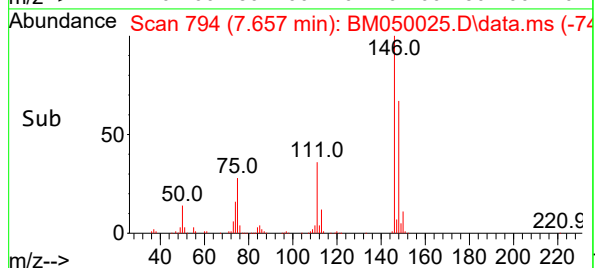
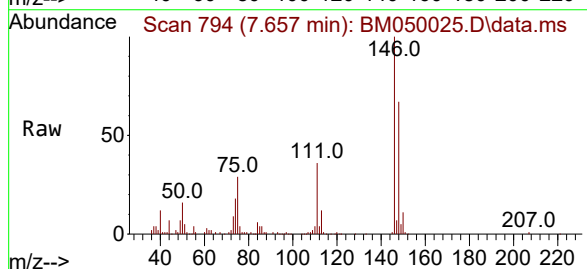
Manual Integrations
APPROVED

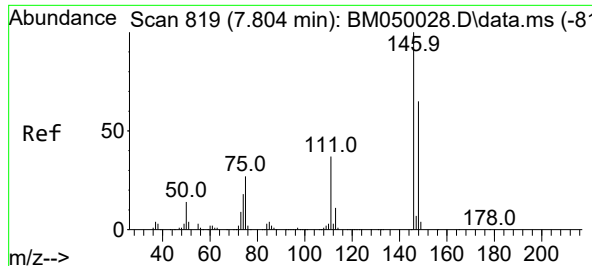
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#13

1,4-Dichlorobenzene

Concen: 5.064 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

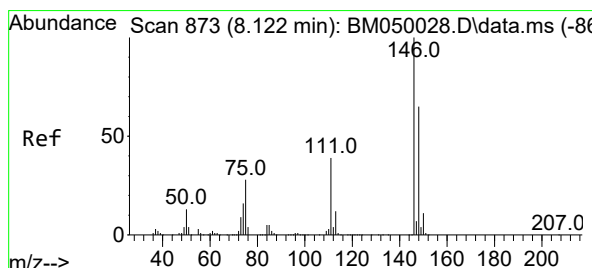
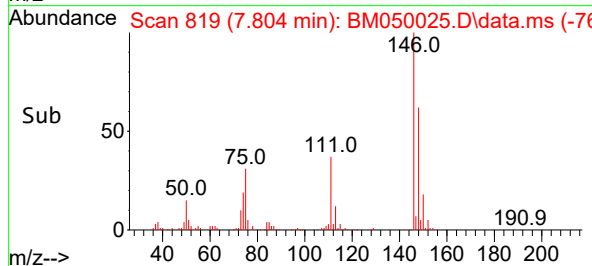
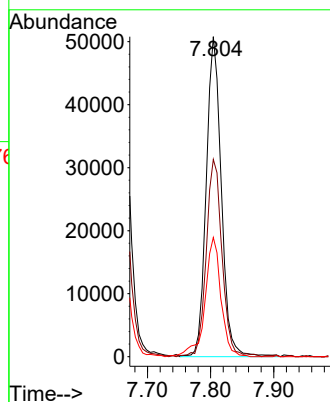
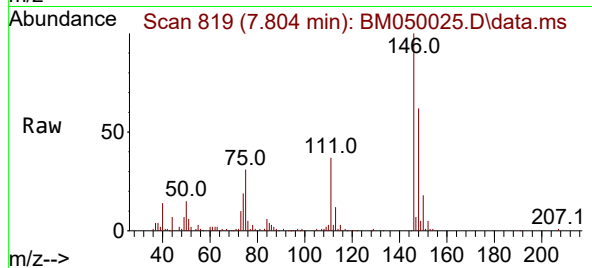
Tgt Ion	146	Resp	84400
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 4.905 ng

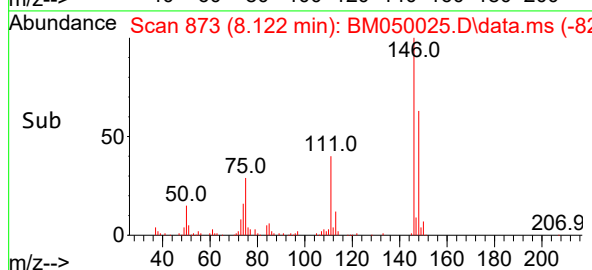
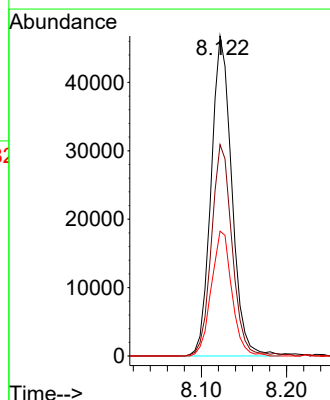
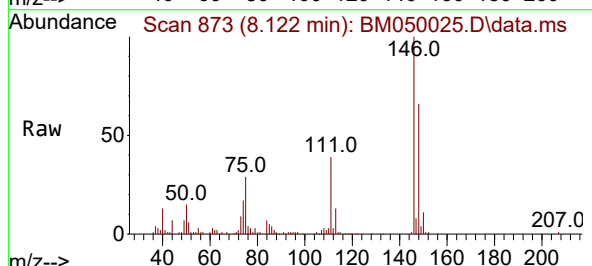
RT: 8.122 min Scan# 873

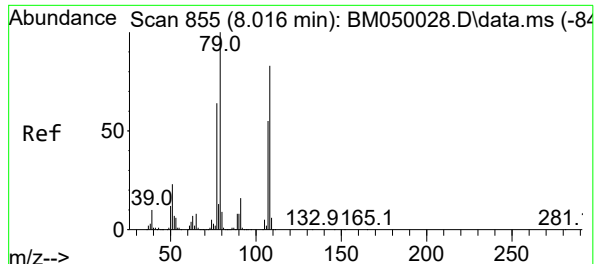
Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

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





#15

Benzyl Alcohol

Concen: 4.352 ng

RT: 8.022 min Scan# 8

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 48180

Ion Ratio Lower Upper

79 100

108 75.4 66.0 99.0

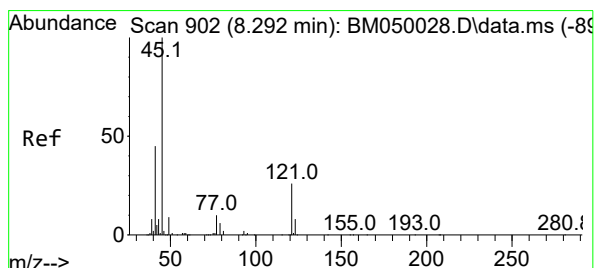
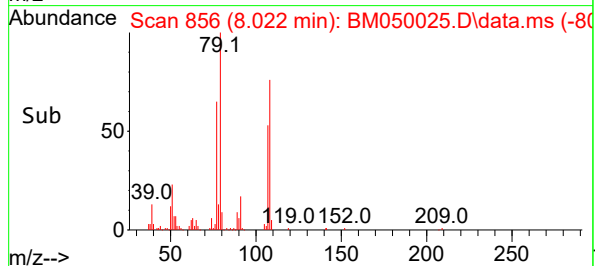
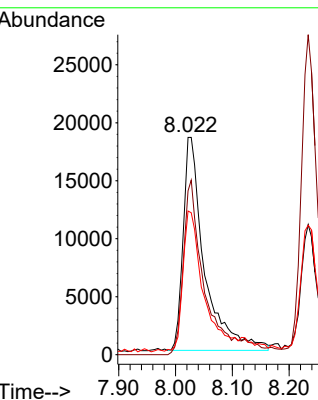
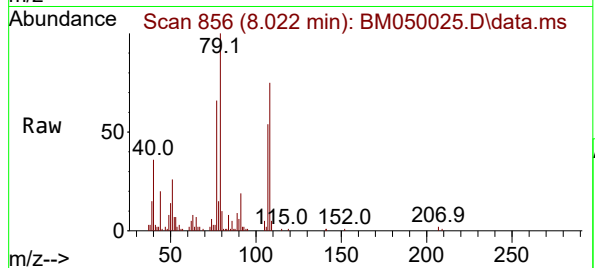
77 66.1 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.042 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

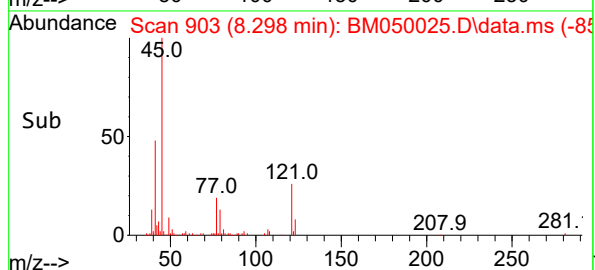
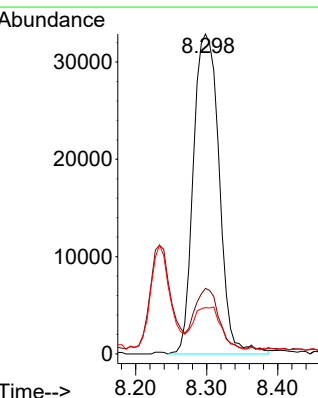
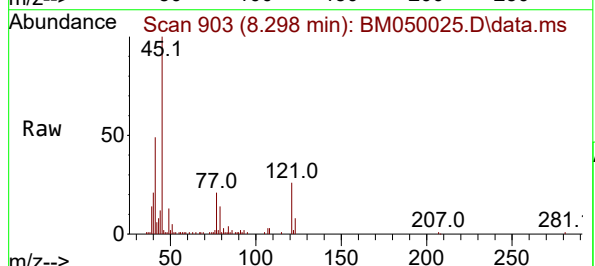
Tgt Ion: 45 Resp: 82711

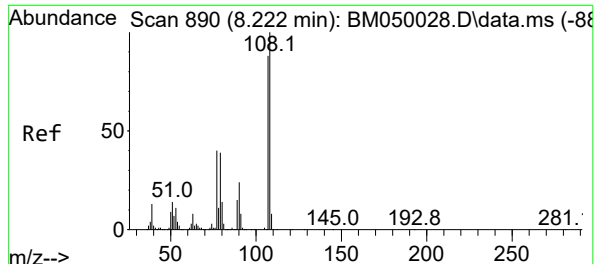
Ion Ratio Lower Upper

45 100

77 20.5 0.0 36.4

79 14.5 0.0 32.7





#17

2-Methylphenol

Concen: 4.474 ng

RT: 8.234 min Scan# 890

Delta R.T. 0.012 min

Lab File: BM050025.D

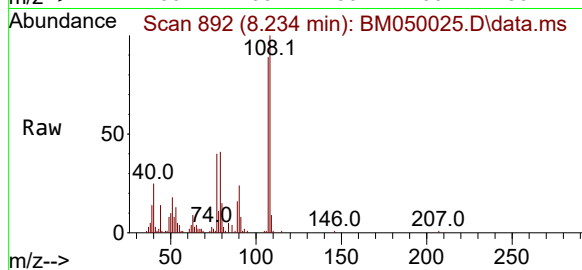
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 4763

Ion Ratio Lower Upper

107 100

108 112.6 91.1 136.7

77 45.6 36.2 54.4

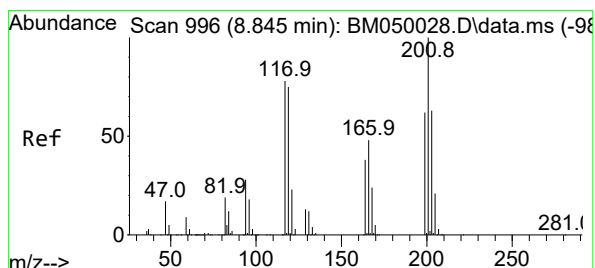
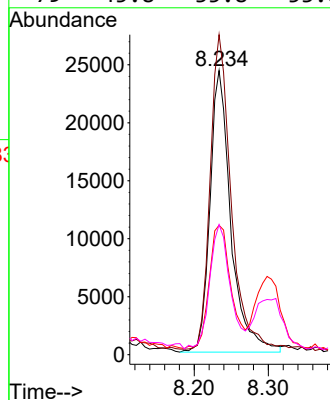
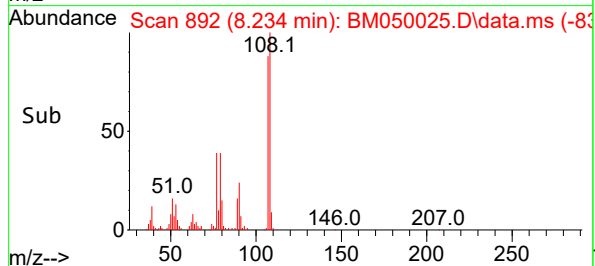
79 45.8 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

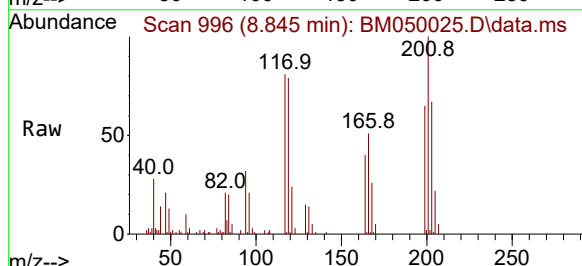
Concen: 5.185 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



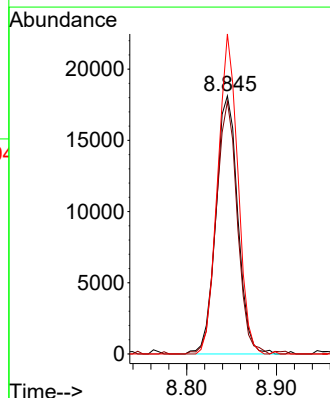
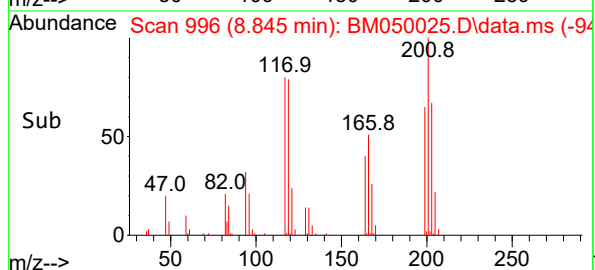
Tgt Ion:117 Resp: 30717

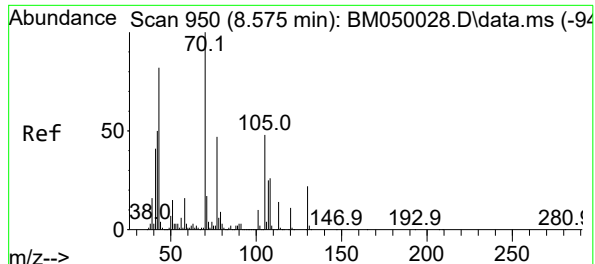
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

201 124.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 4.830 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 4945

Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 8.2 7.8 11.6

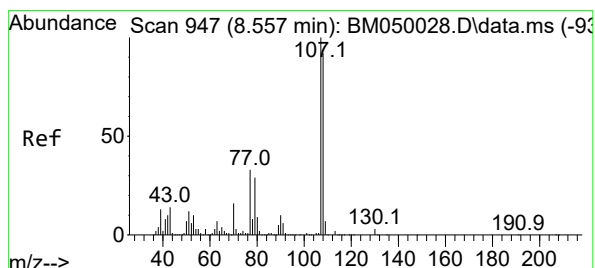
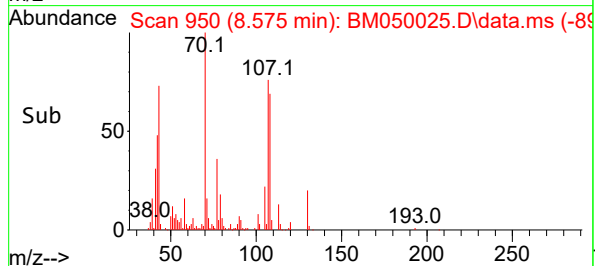
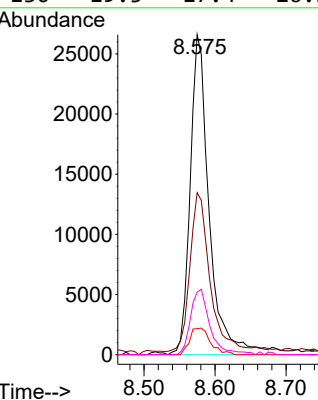
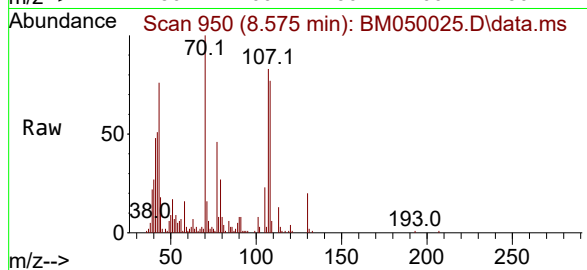
130 19.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 4.397 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.018 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

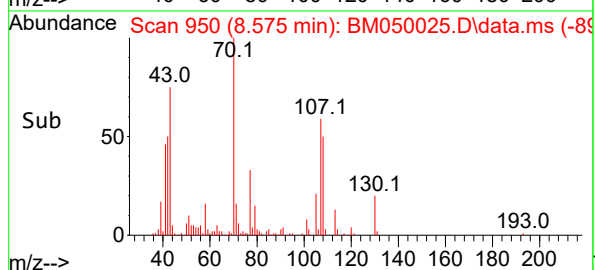
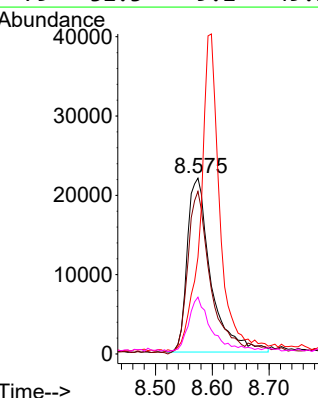
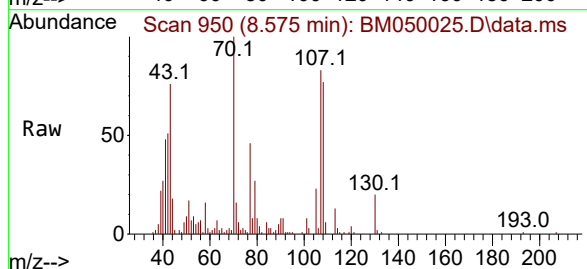
Ion Ratio Lower Upper

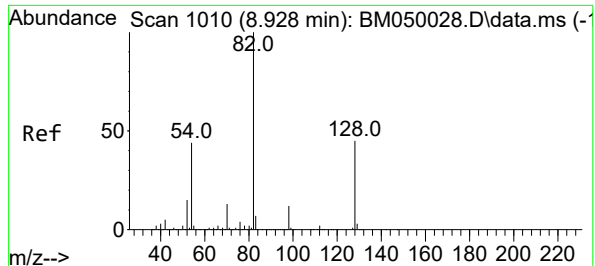
107 100

108 92.4 72.4 112.4

77 55.1 13.6 53.6#

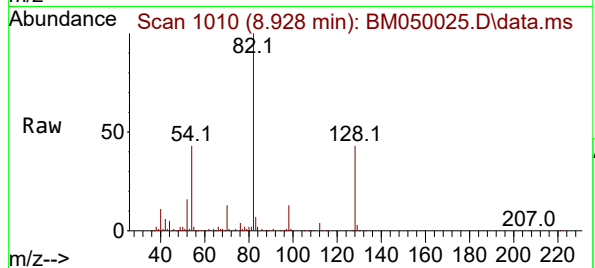
79 32.3 9.2 49.2





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

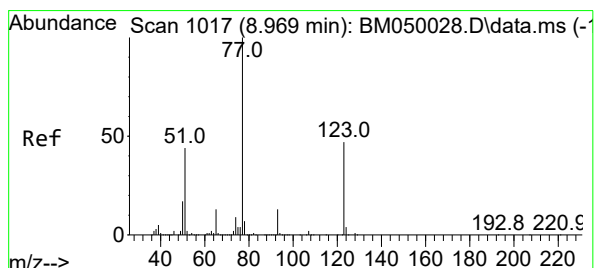
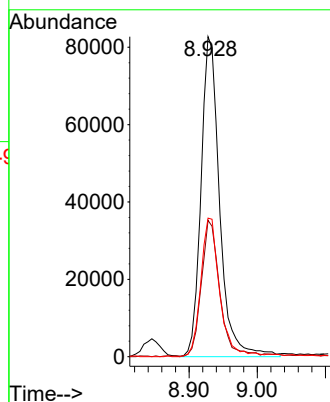
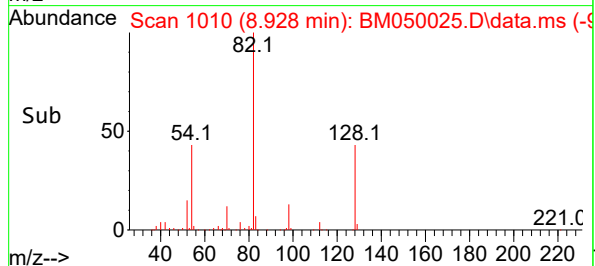
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

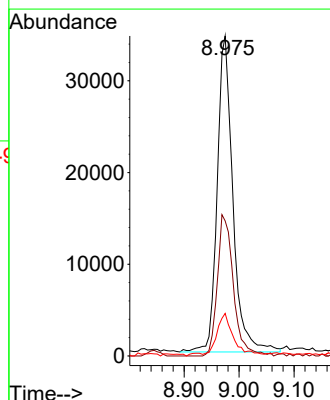
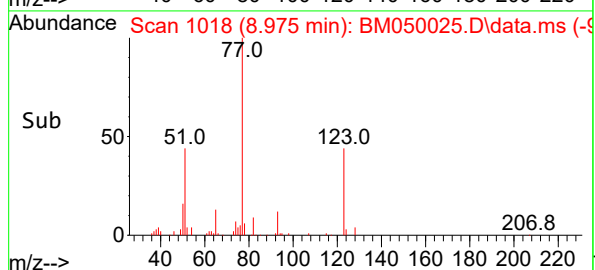
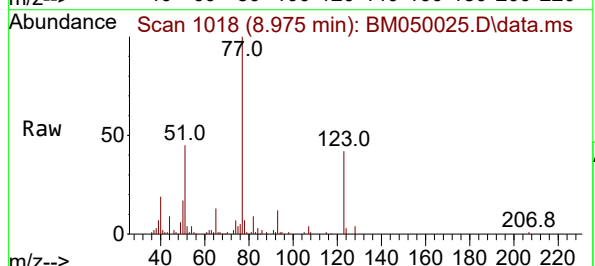
Manual Integrations
APPROVED

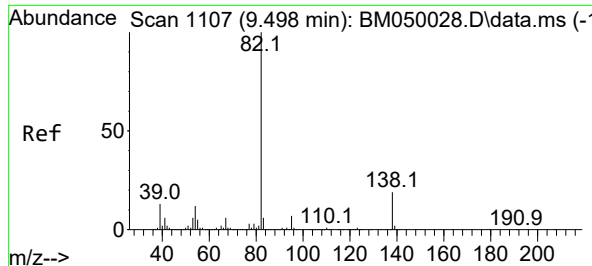
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

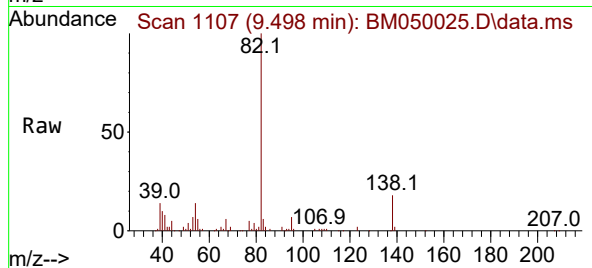
Tgt Ion: 77 Resp: 68598
Ion Ratio Lower Upper
77 100
123 42.2 37.9 56.9
65 13.3 10.1 15.1





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

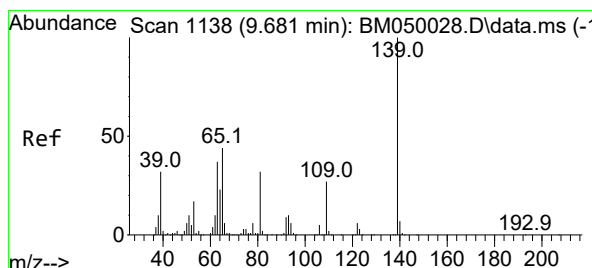
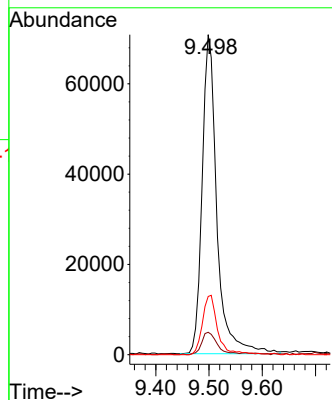
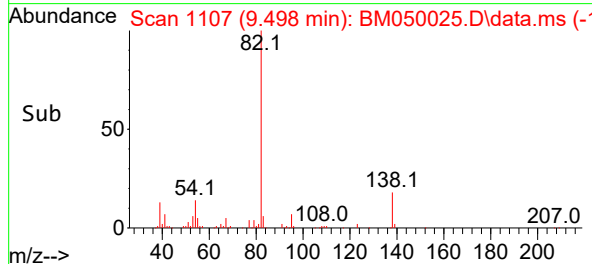
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

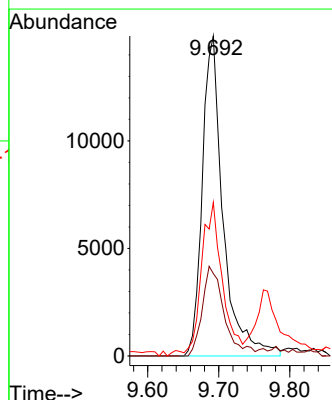
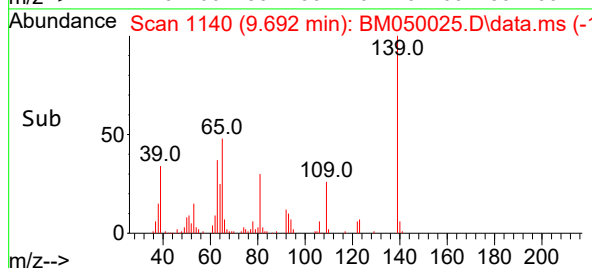
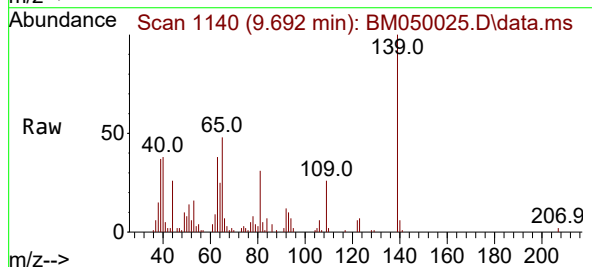
Manual Integrations
APPROVED

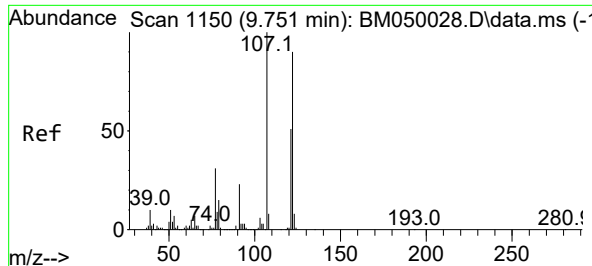
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

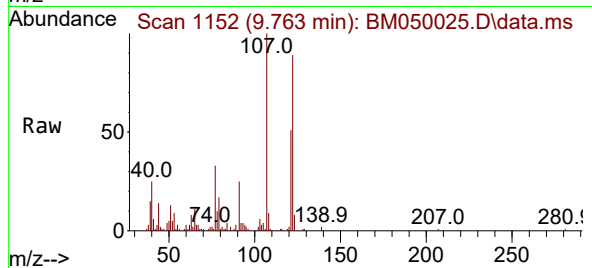
Tgt Ion:139 Resp: 30257
Ion Ratio Lower Upper
139 100
109 25.8 21.9 32.9
65 48.0 35.4 53.2





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

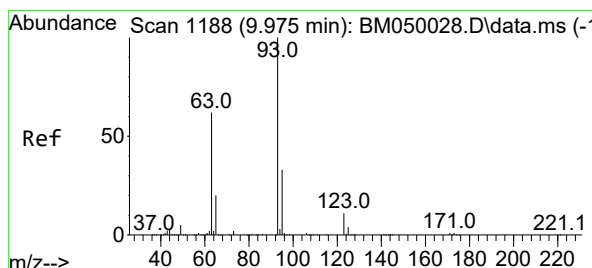
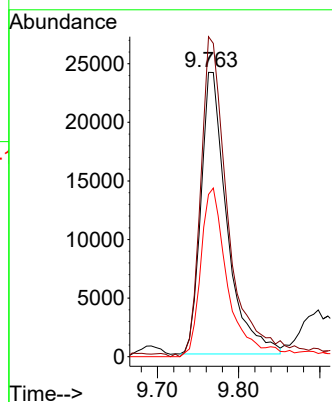
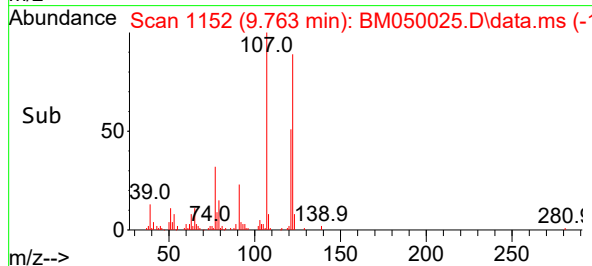
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

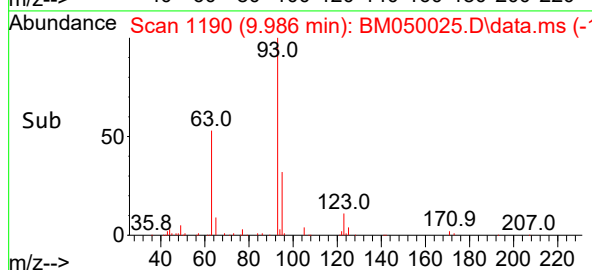
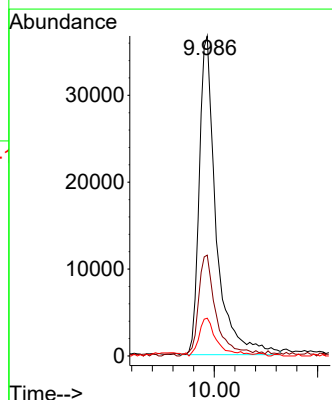
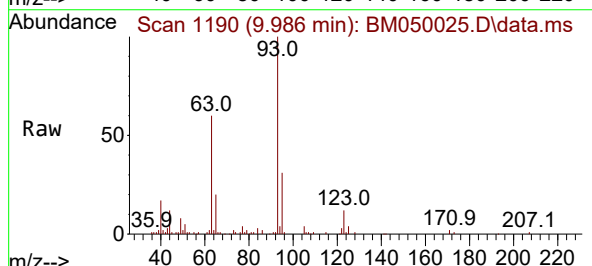
Manual Integrations
APPROVED

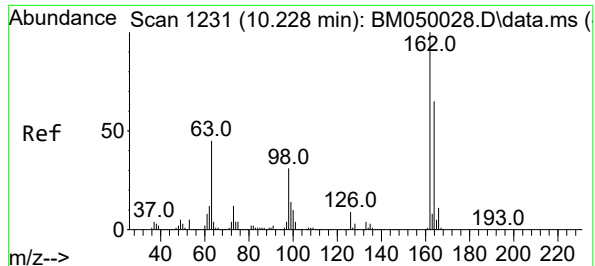
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

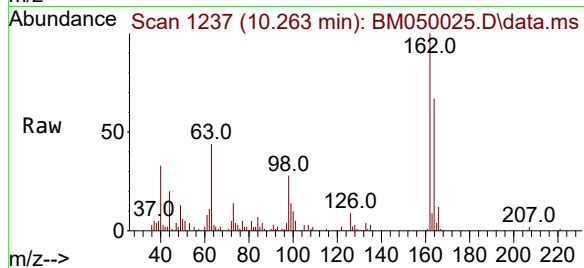
Tgt Ion: 93 Resp: 82947
Ion Ratio Lower Upper
93 100
95 31.5 26.1 39.1
123 11.8 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 4.406 ng
RT: 10.263 min Scan# 1237
Delta R.T. 0.035 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

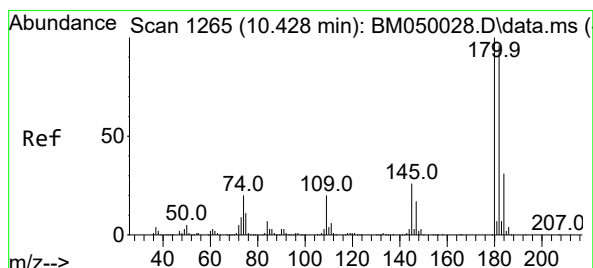
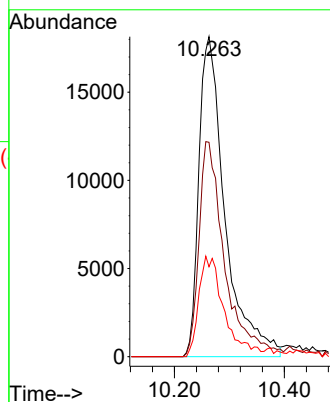
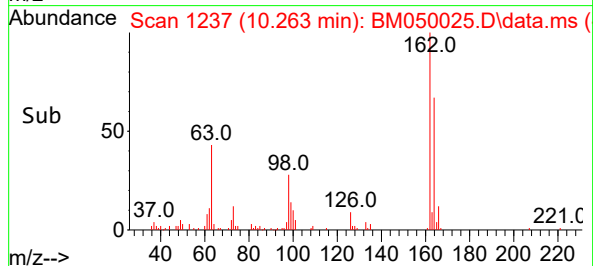
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

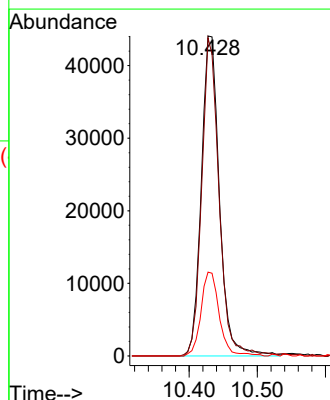
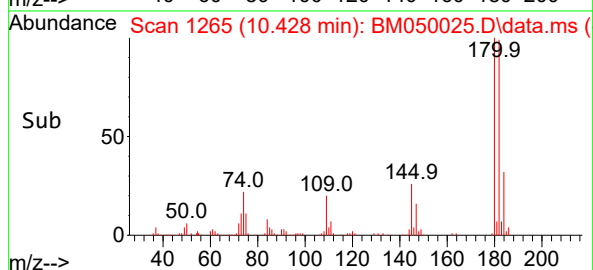
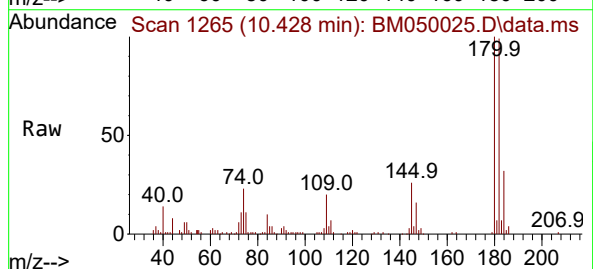
Manual Integrations
APPROVED

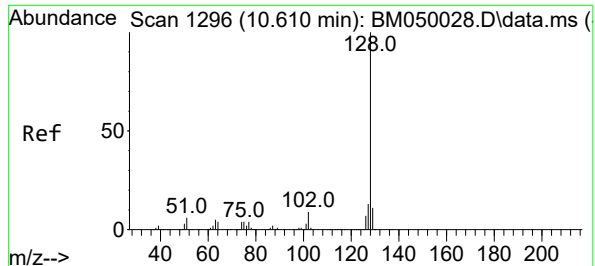
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#30
1,2,4-Trichlorobenzene
Concen: 4.934 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

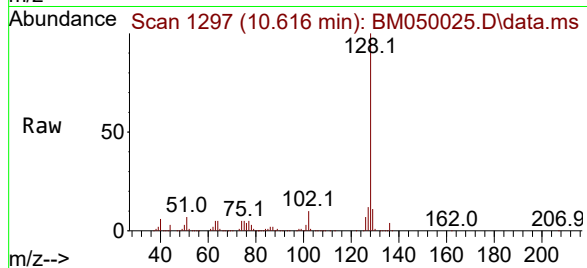
Tgt Ion:180 Resp: 81624
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.4
145 26.2 20.6 30.8





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

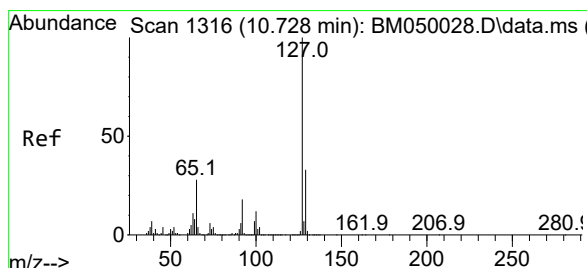
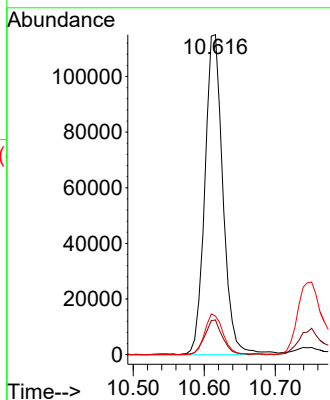
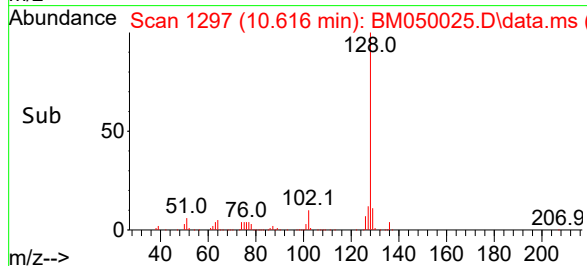
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



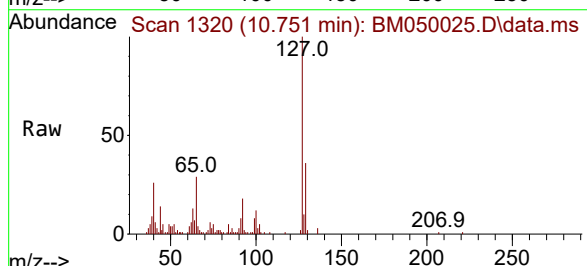
Tgt Ion:128 Resp: 20413
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.0 10.4 15.6

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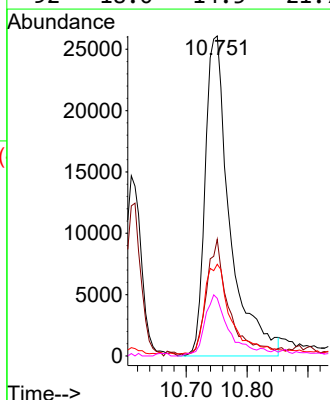
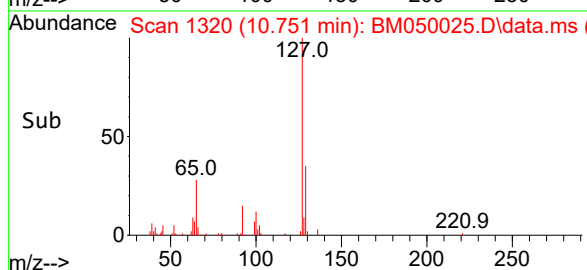
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

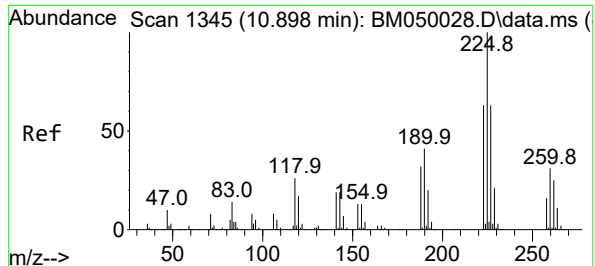


#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



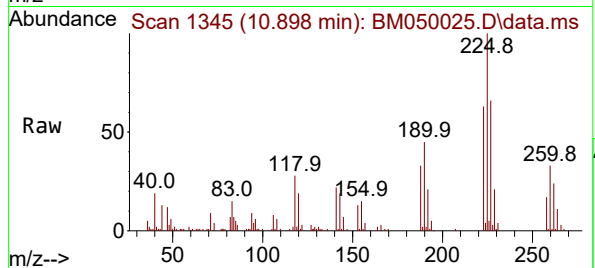
Tgt Ion:127 Resp: 73542
Ion Ratio Lower Upper
127 100
129 36.4 26.3 39.5
65 28.6 22.5 33.7
92 18.0 14.5 21.7





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

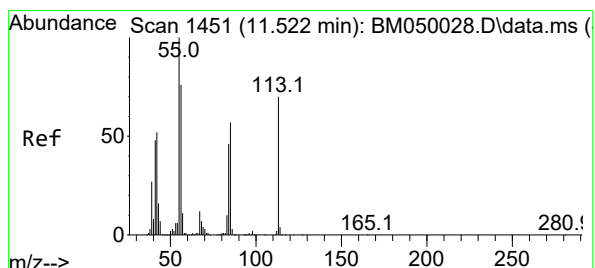
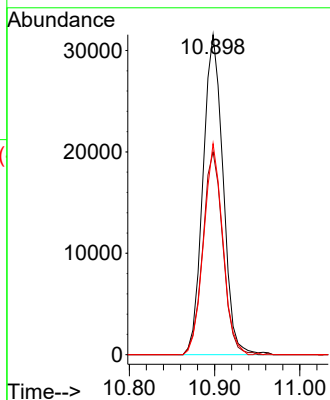
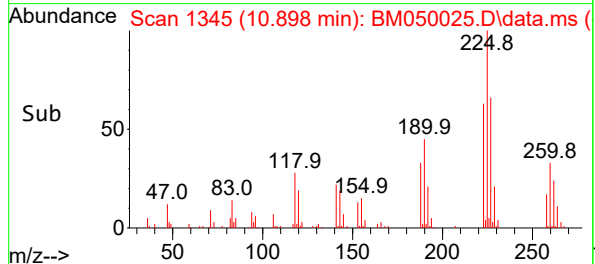
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

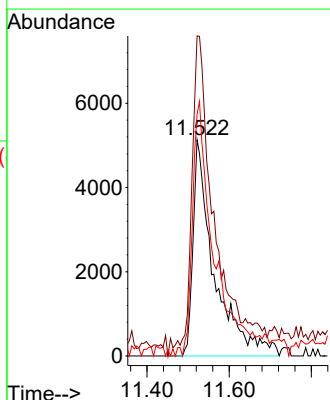
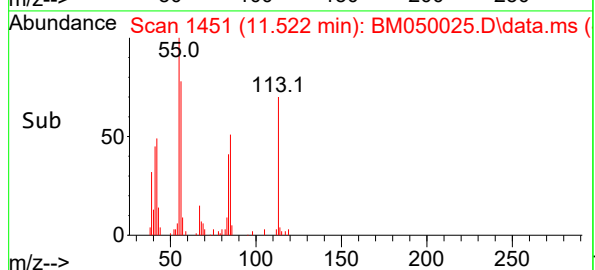
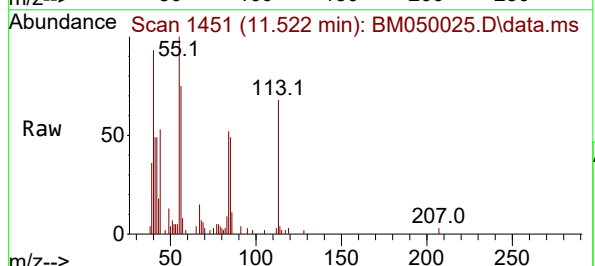
Manual Integrations
APPROVED

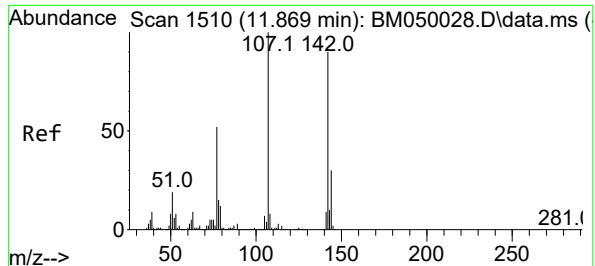
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

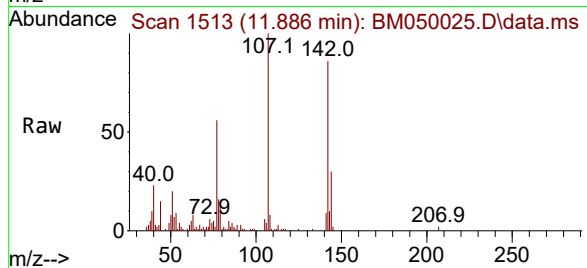
Tgt Ion:113 Resp: 18349
Ion Ratio Lower Upper
113 100
55 148.1 122.9 162.9
56 111.8 88.1 128.1





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

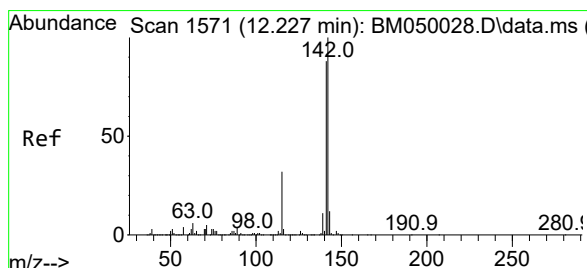
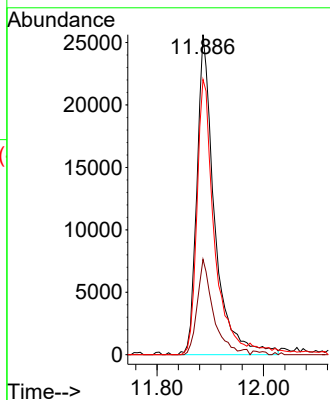
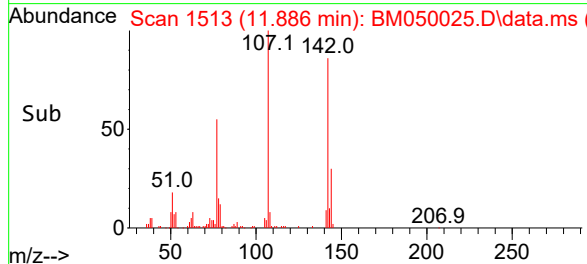
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



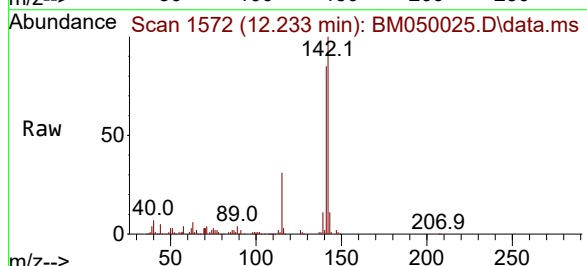
Tgt Ion:107 Resp: 5884
Ion Ratio Lower Upper
107 100
144 29.8 23.8 35.6
142 86.0 71.9 107.9

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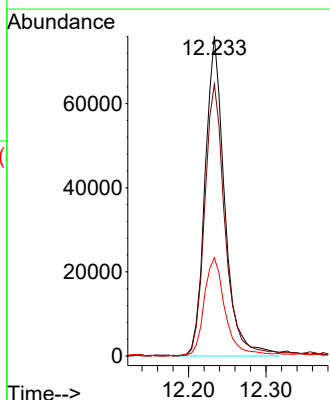
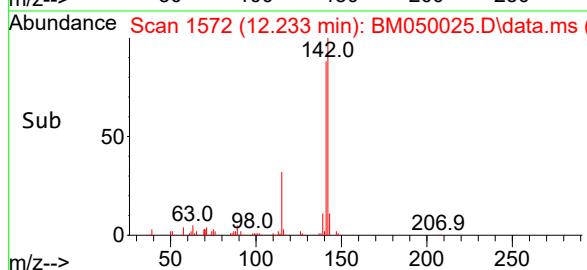
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

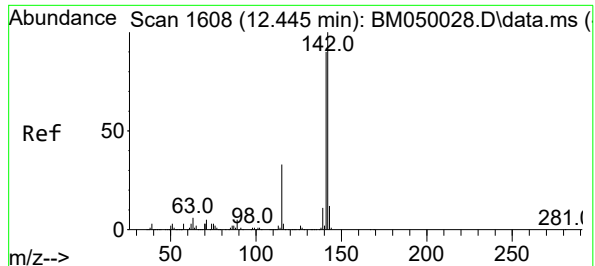


#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



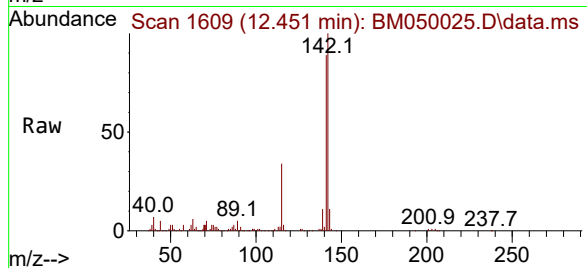
Tgt Ion:142 Resp: 133679
Ion Ratio Lower Upper
142 100
141 84.9 70.4 105.6
115 30.7 25.4 38.2





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

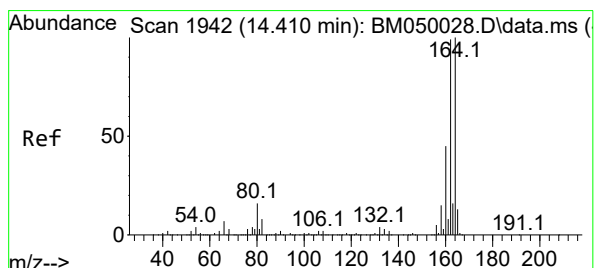
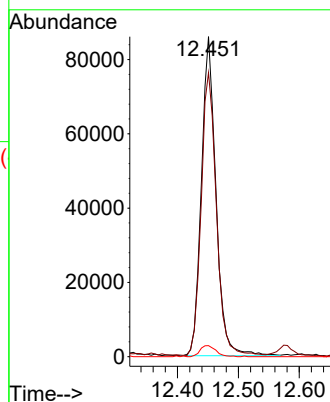
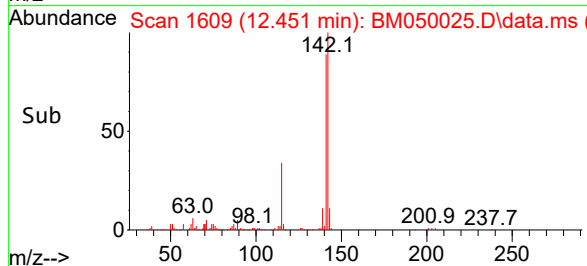
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

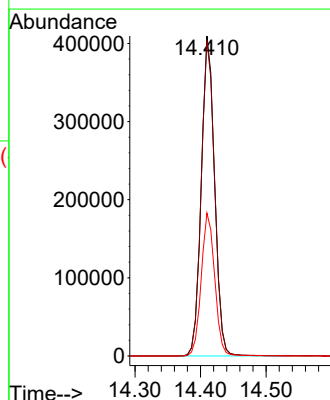
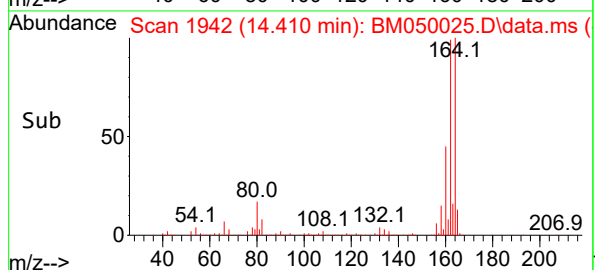
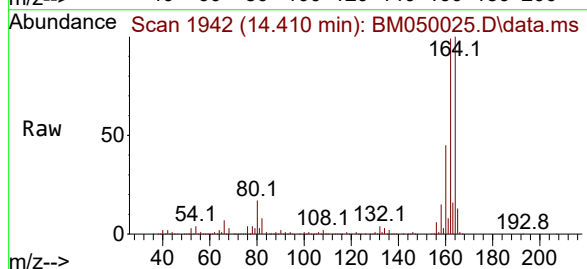
Manual Integrations
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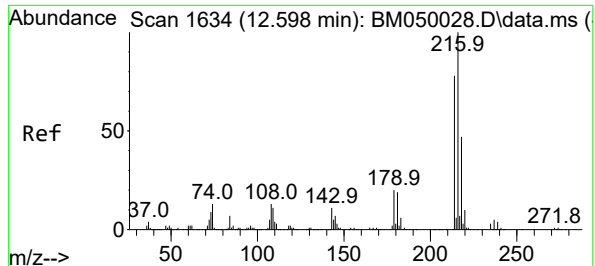
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.504 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 9016

Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 20.2 15.4 23.0

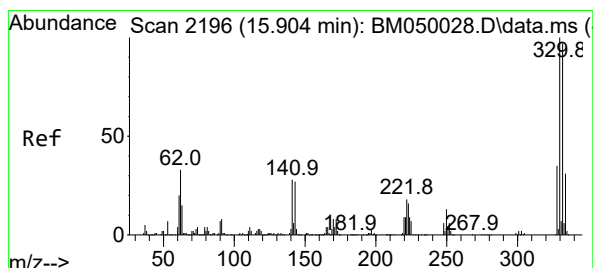
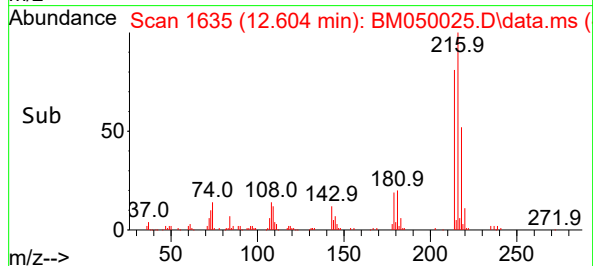
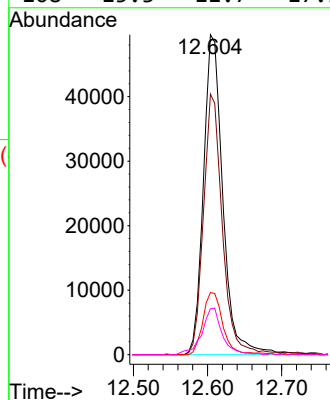
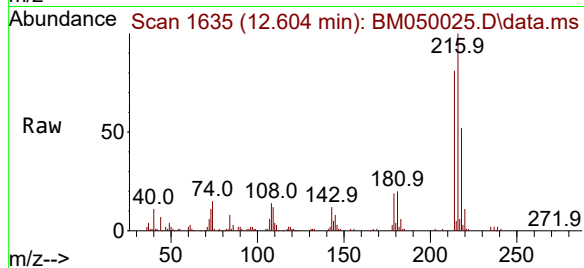
108 15.3 11.7 17.5

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#42

2,4,6-Tribromophenol

Concen: 8.560 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

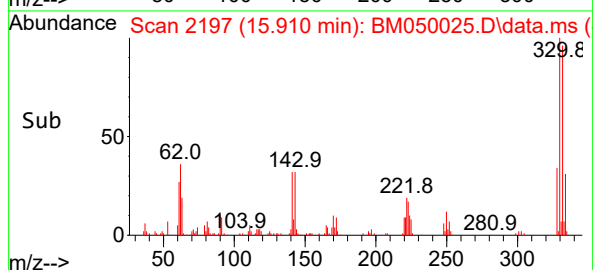
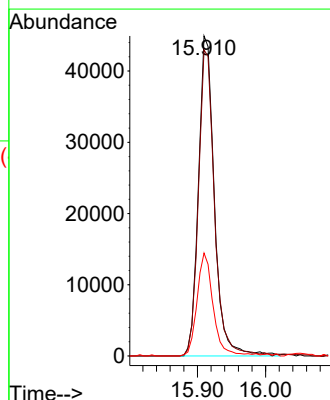
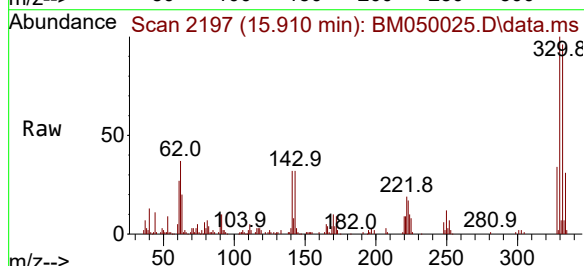
Tgt Ion:330 Resp: 73192

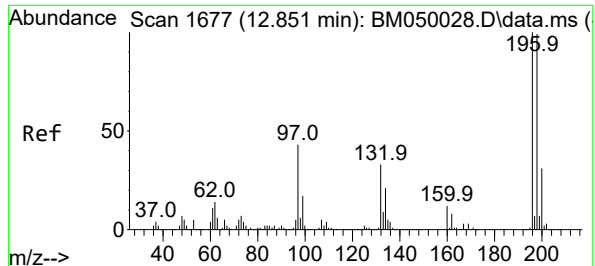
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

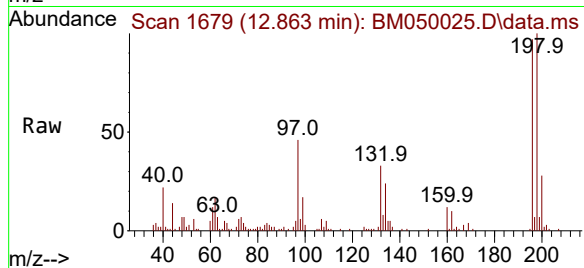
141 32.6 22.5 33.7





#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.863 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

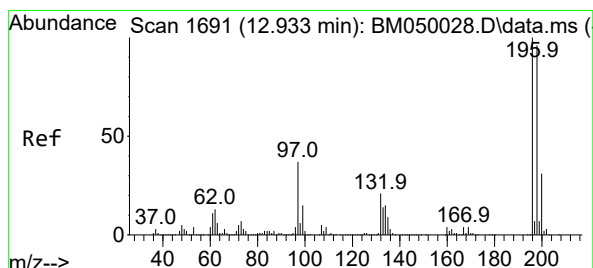
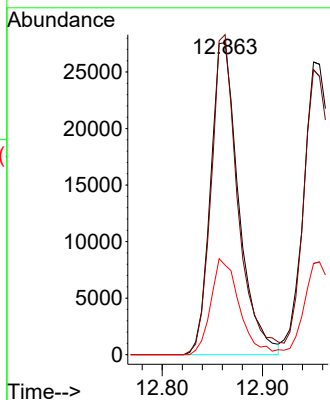
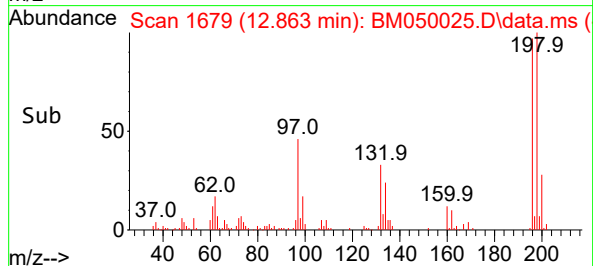
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 53748
Ion Ratio Lower Upper
196 100
198 102.6 79.0 118.6
200 28.7 25.1 37.7

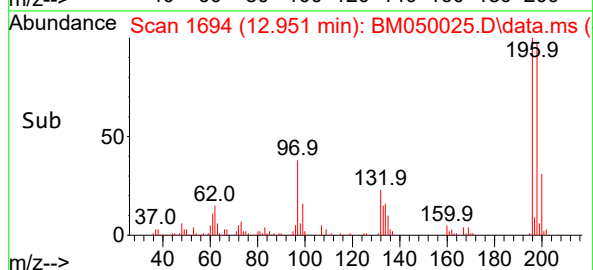
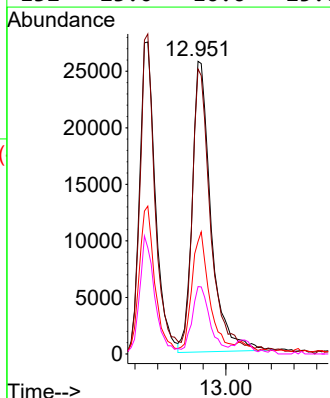
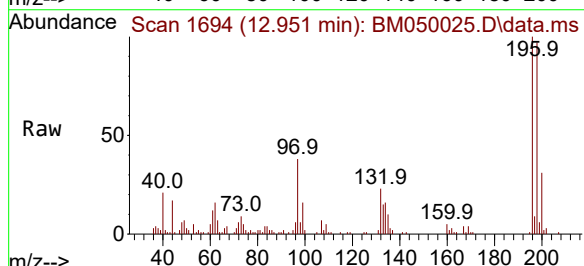
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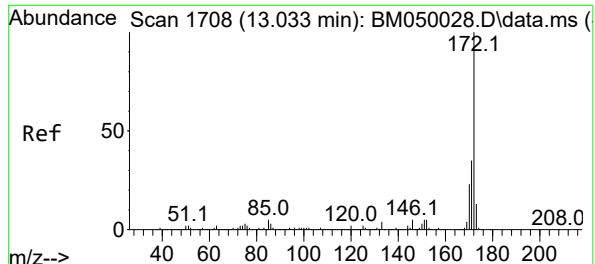
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#44
2,4,5-Trichlorophenol
Concen: 4.325 ng
RT: 12.951 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 59224
Ion Ratio Lower Upper
196 100
198 97.4 76.7 115.1
97 38.4 30.1 45.1
132 23.0 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 9.390 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050025.D

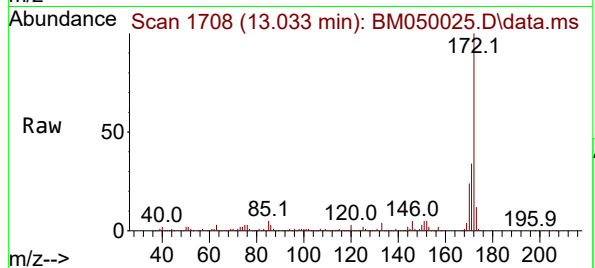
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:172 Resp: 45903

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

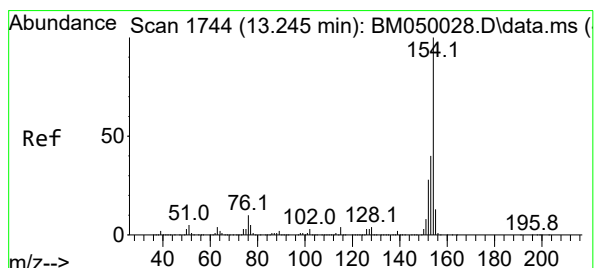
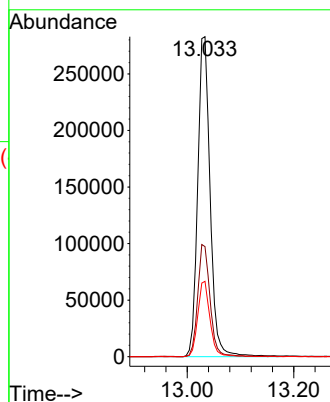
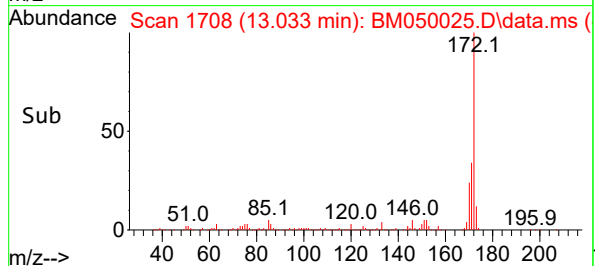
170 23.5 18.6 28.0

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

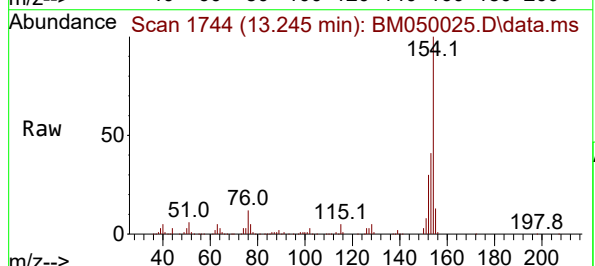
Concen: 4.799 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



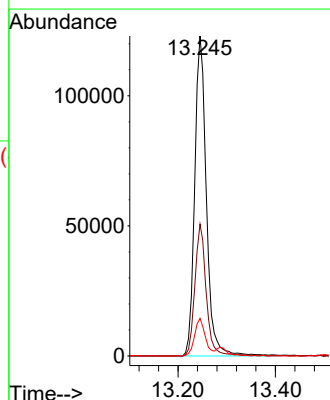
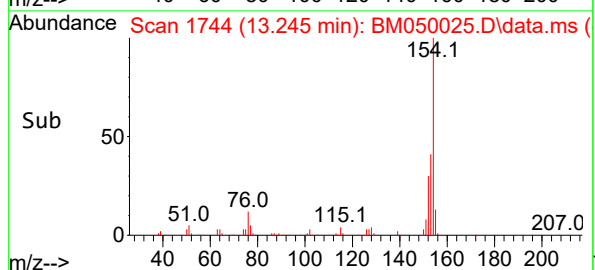
Tgt Ion:154 Resp: 206296

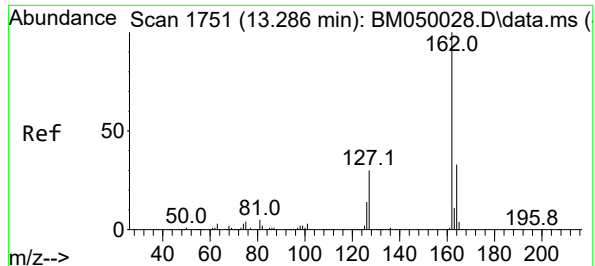
Ion Ratio Lower Upper

154 100

153 41.2 20.0 60.0

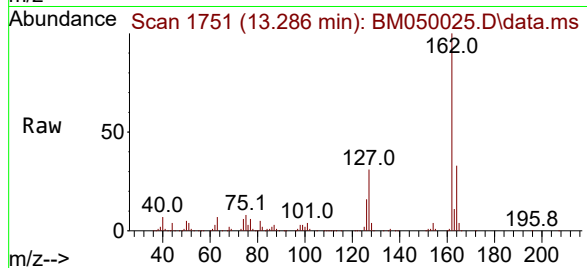
76 11.8 0.0 30.3





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

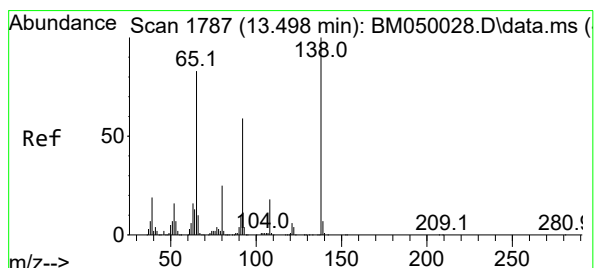
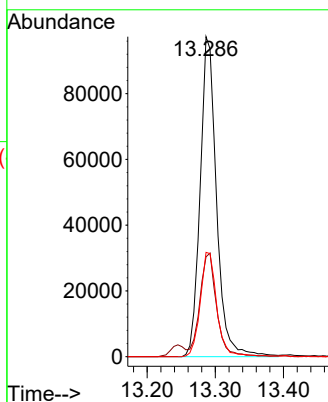
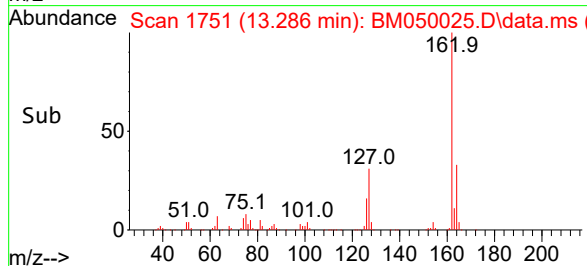
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



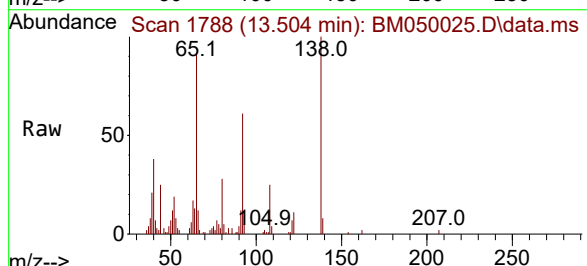
Tgt Ion:162 Resp: 16280
Ion Ratio Lower Upper
162 100
127 31.2 25.9 38.9
164 32.6 26.6 40.0

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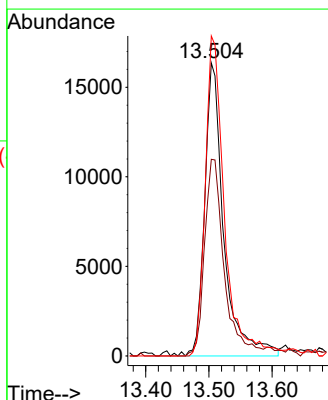
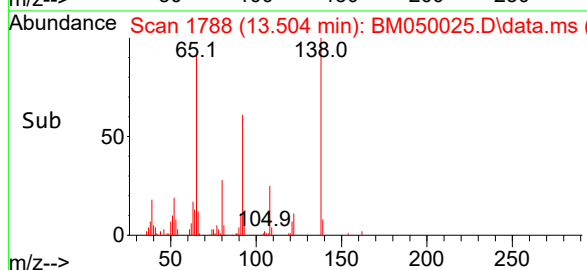
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

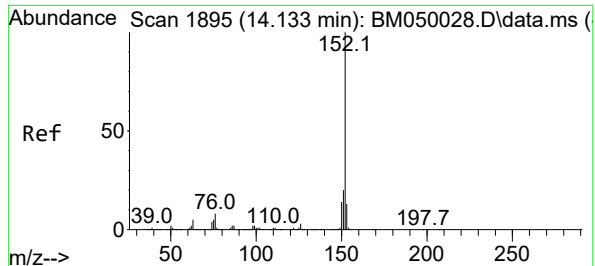


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



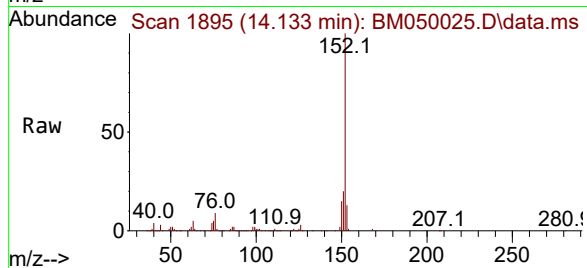
Tgt Ion: 65 Resp: 34348
Ion Ratio Lower Upper
65 100
92 67.1 57.1 85.7
138 109.2 97.0 145.4





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

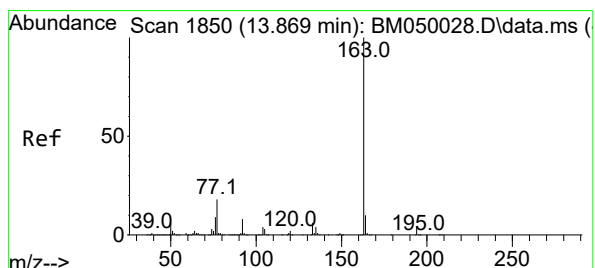
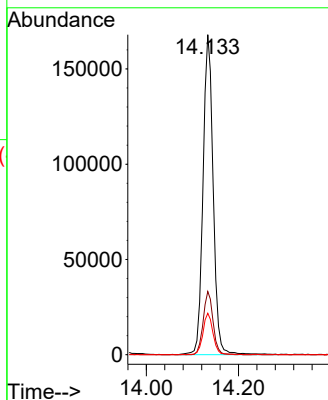
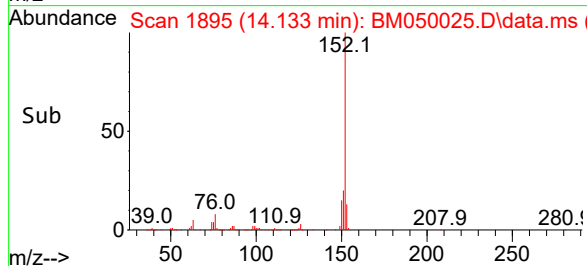
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

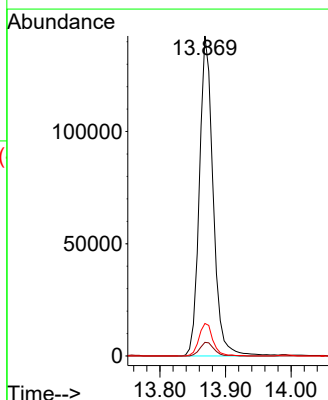
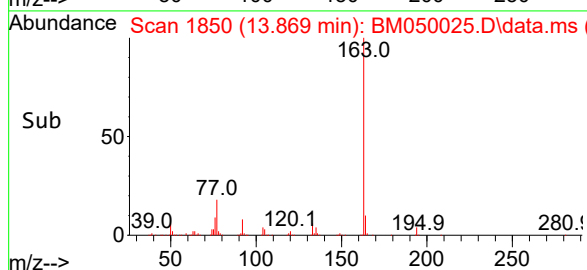
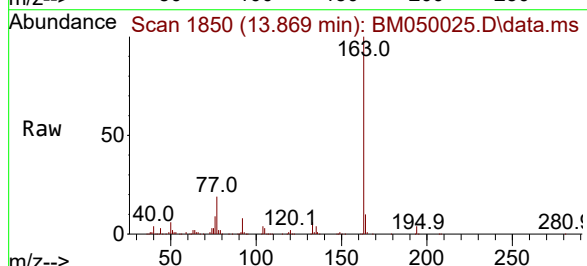
Manual Integrations
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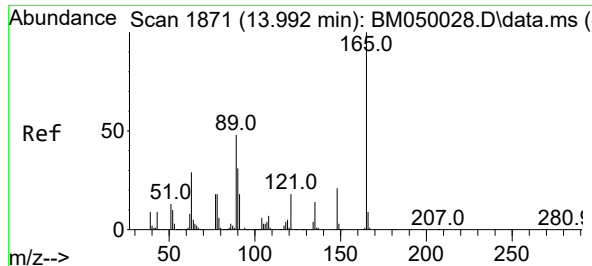
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

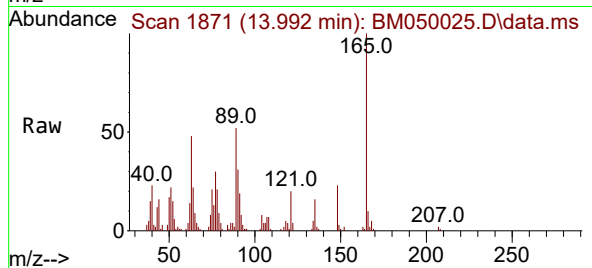
Tgt Ion:163 Resp: 208800
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





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

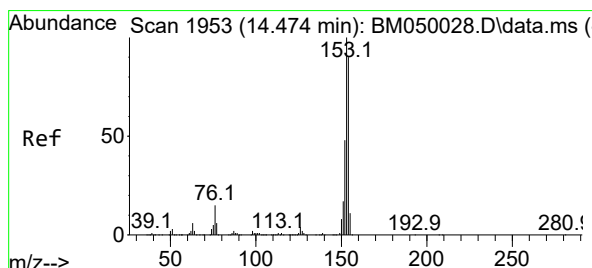
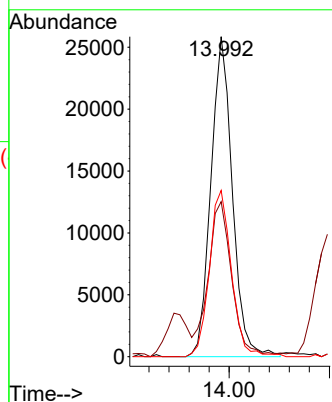
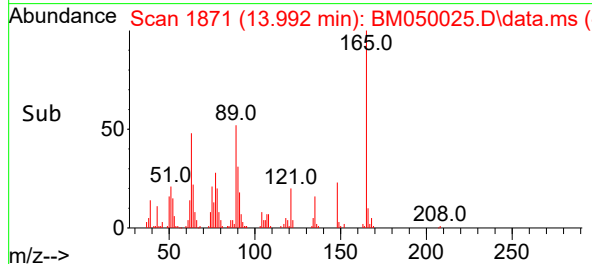
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

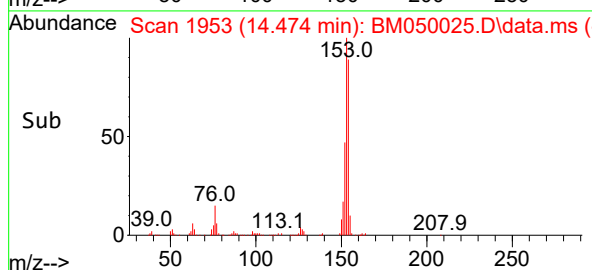
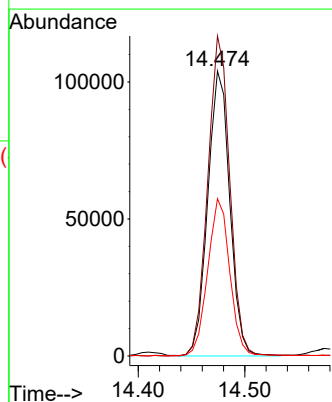
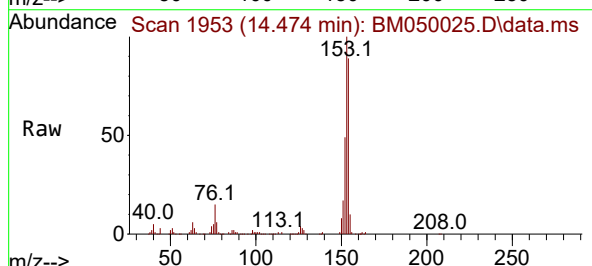
Manual Integrations
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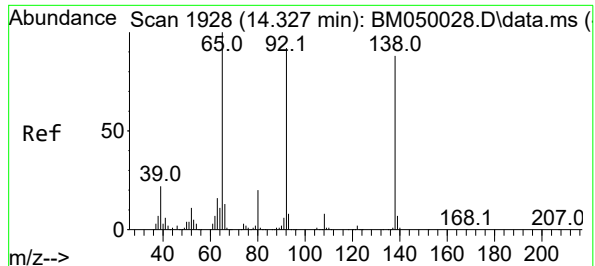
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





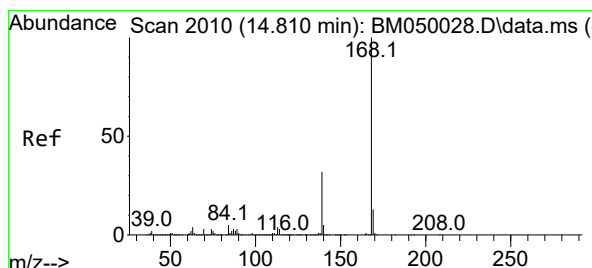
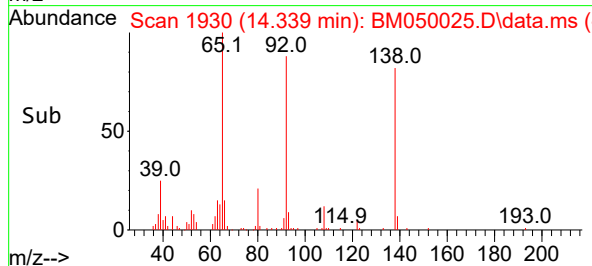
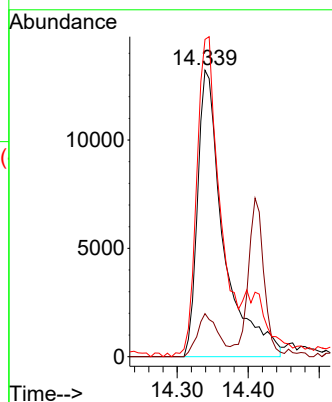
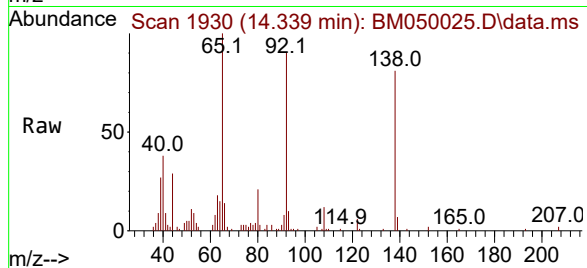
#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1928
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

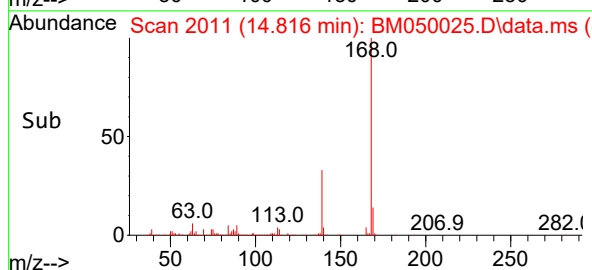
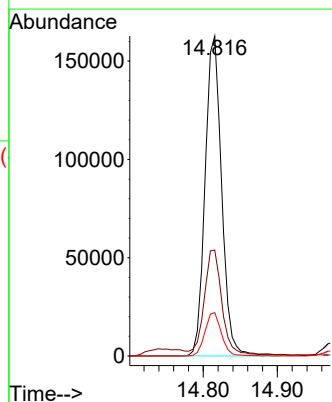
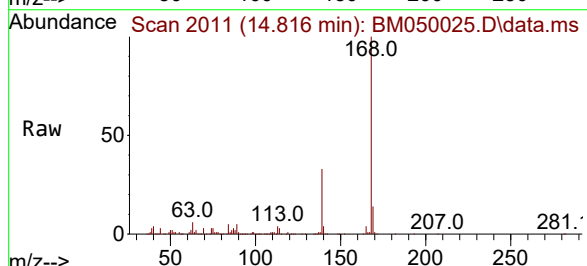
Manual Integrations
APPROVED

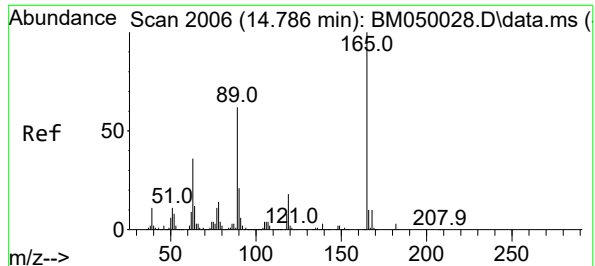
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

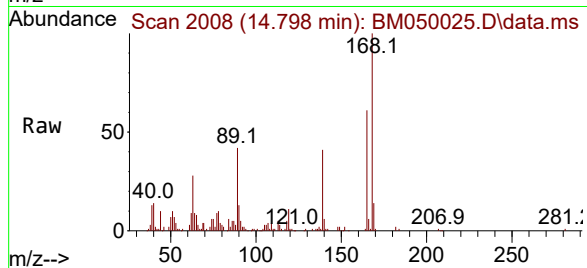
Tgt Ion:168 Resp: 252898
Ion Ratio Lower Upper
168 100
139 33.1 26.1 39.1
169 13.5 10.8 16.2





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

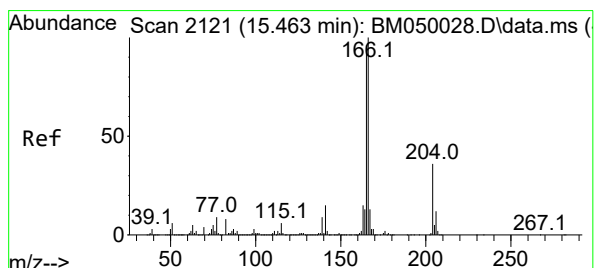
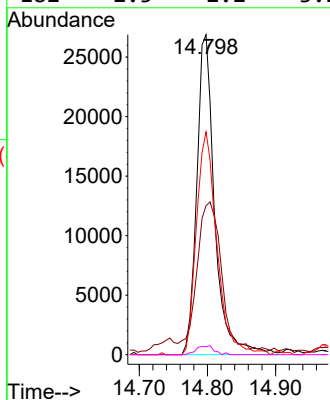
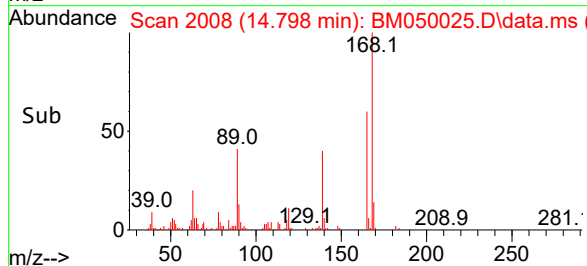
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



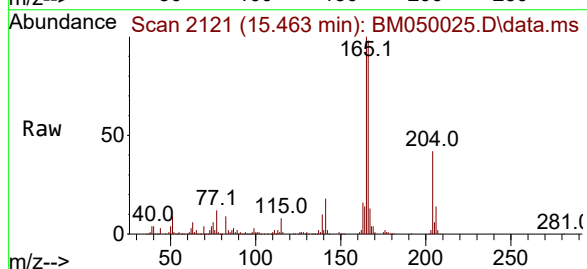
Tgt Ion:165 Resp: 4890
Ion Ratio Lower Upper
165 100
63 46.6 29.0 43.6
89 69.6 49.4 74.2
182 2.5 2.2 3.2

Manual Integrations
APPROVED

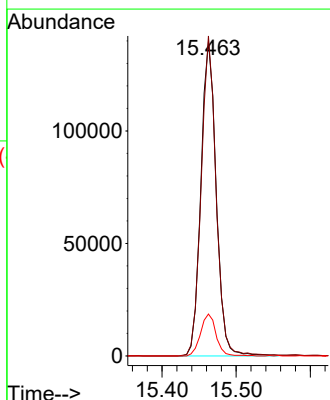
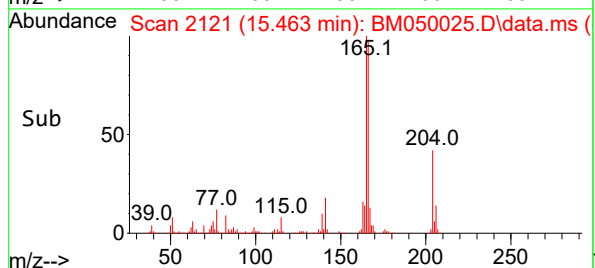
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

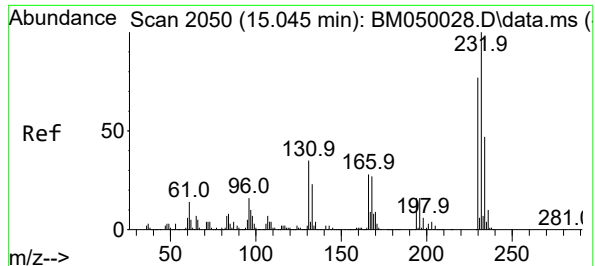


#58
Fluorene
Concen: 4.739 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



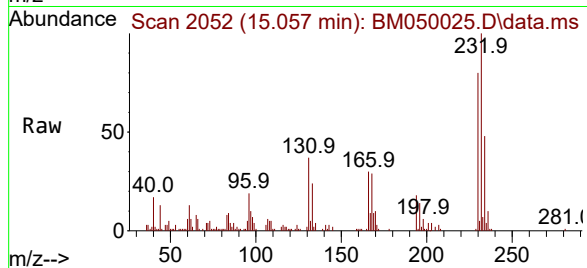
Tgt Ion:166 Resp: 200542
Ion Ratio Lower Upper
166 100
165 101.8 76.6 115.0
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.463 ng
RT: 15.057 min Scan# 2052
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

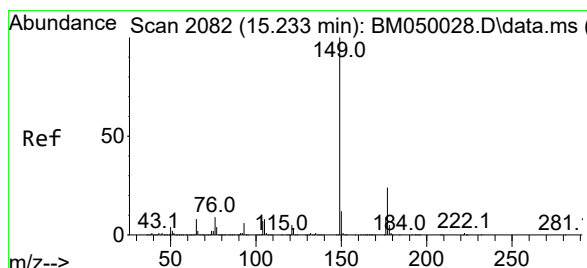
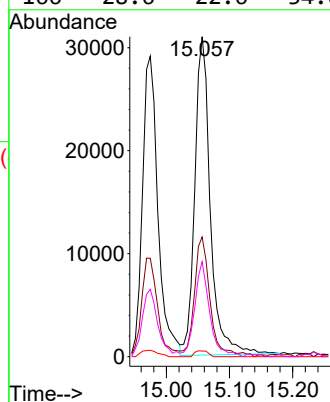
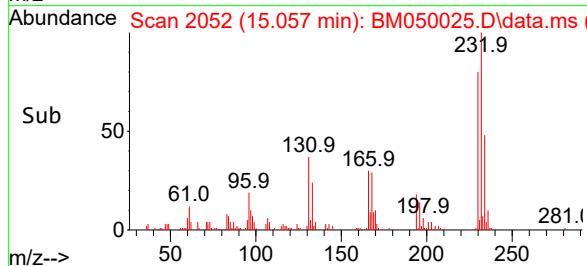
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



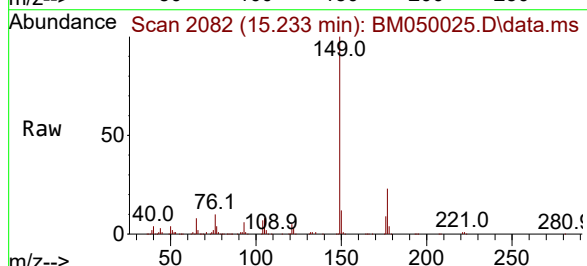
Tgt Ion:232 Resp: 5289
Ion Ratio Lower Upper
232 100
131 38.0 28.2 42.4
130 1.6 1.5 2.3
166 28.6 22.6 34.0

Manual Integrations
APPROVED

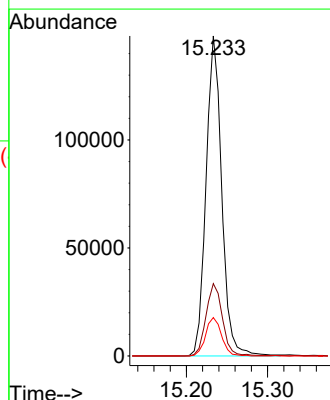
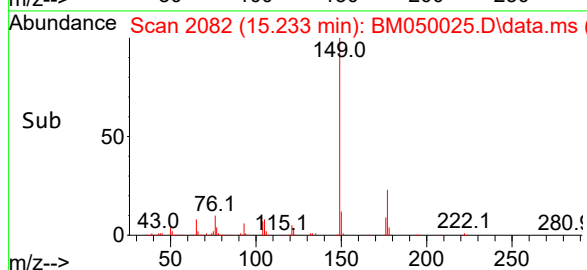
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

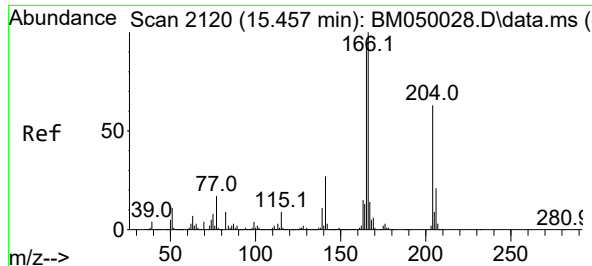


#60
Diethylphthalate
Concen: 4.981 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



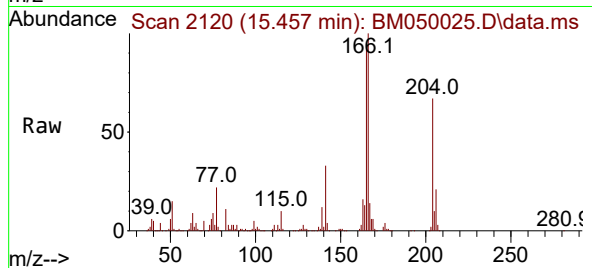
Tgt Ion:149 Resp: 198362
Ion Ratio Lower Upper
149 100
177 22.6 19.1 28.7
150 12.0 9.6 14.4





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

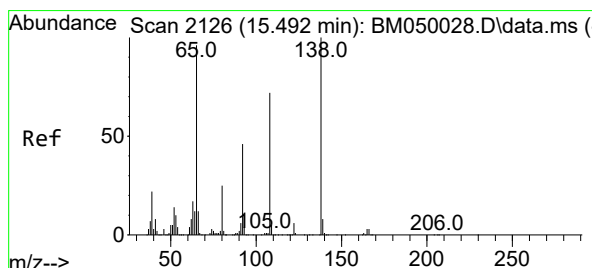
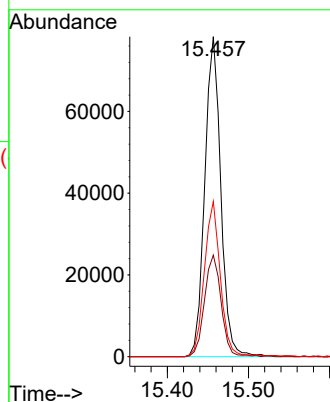
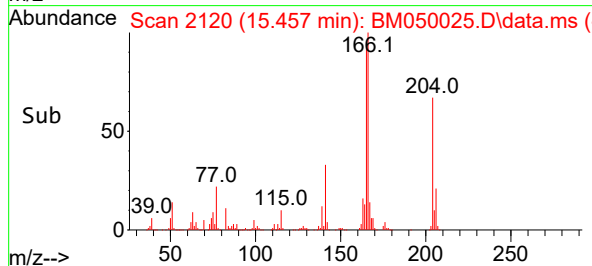
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

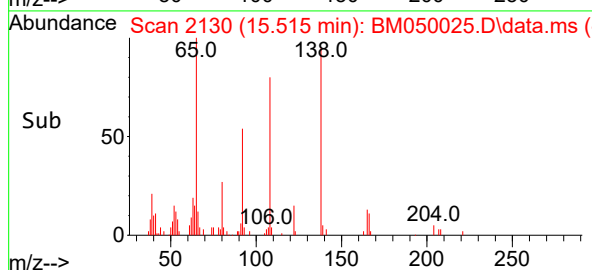
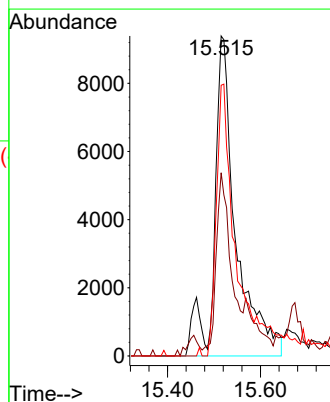
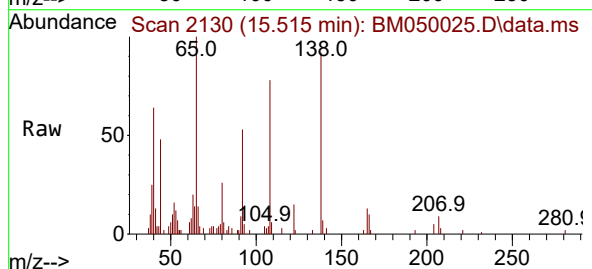
Manual Integrations
APPROVED

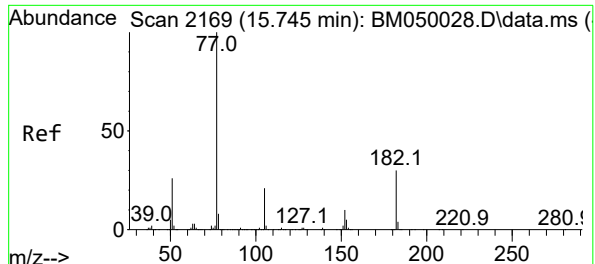
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

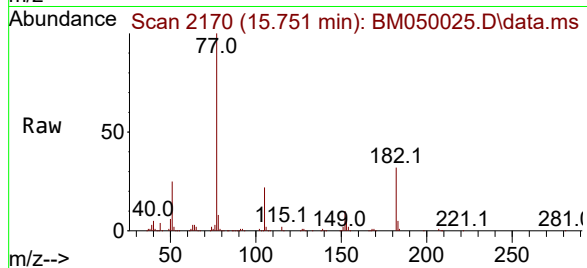
Tgt Ion:138 Resp: 30138
Ion Ratio Lower Upper
138 100
92 57.3 25.9 65.9
108 84.6 52.4 92.4





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

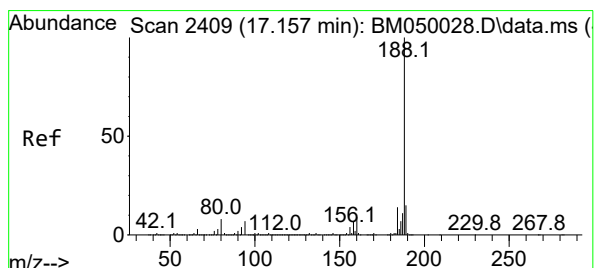
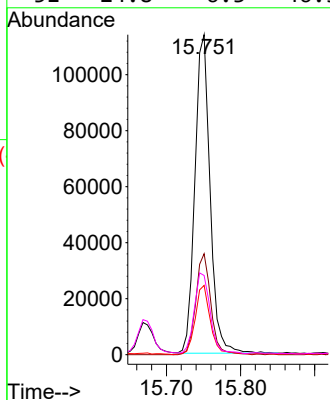
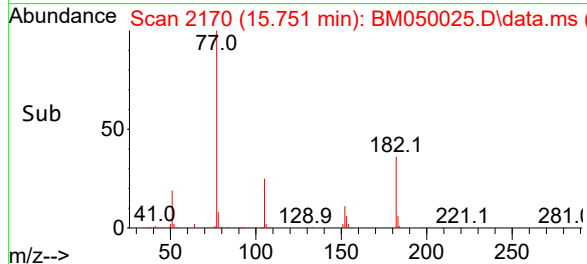
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

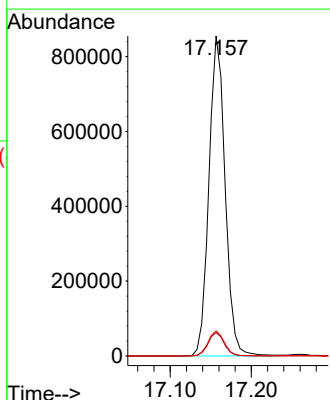
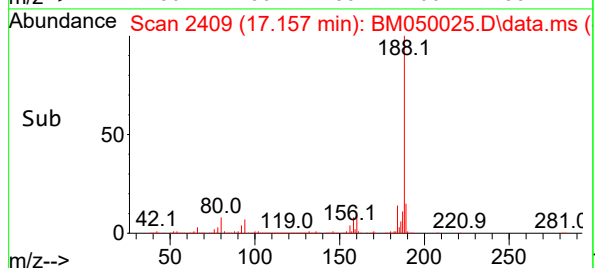
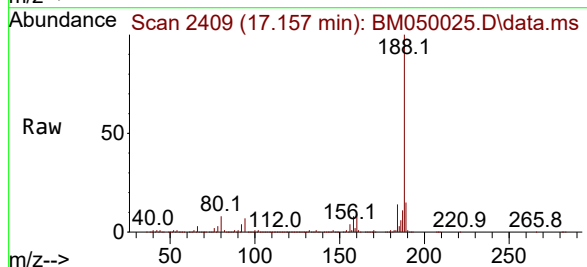
Manual Integrations
APPROVED

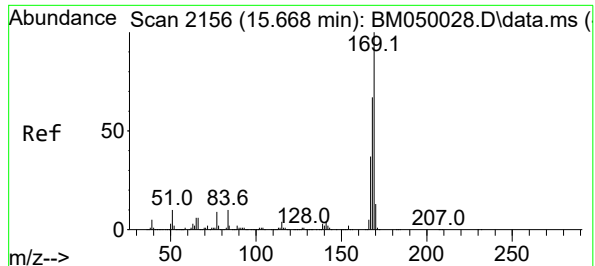
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

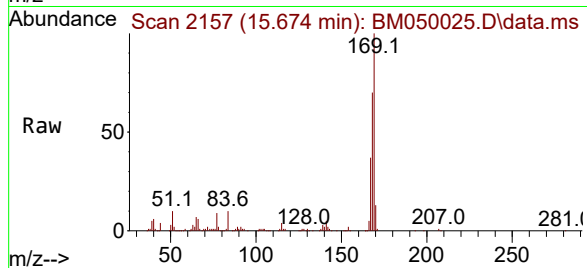
Tgt Ion:188 Resp: 1183325
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 6.2 9.4





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

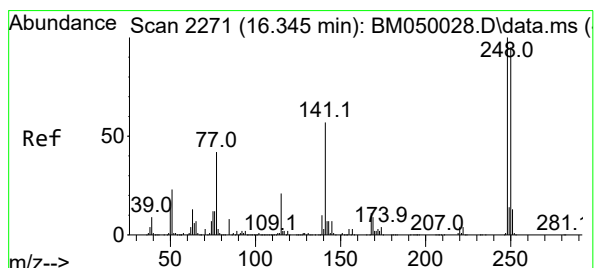
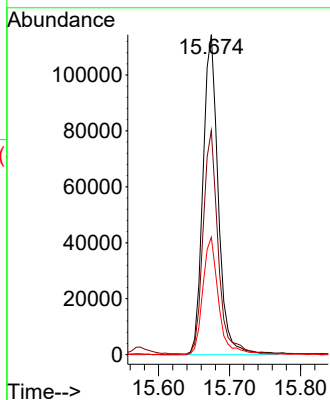
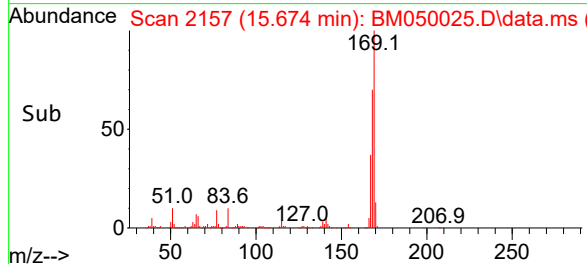
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



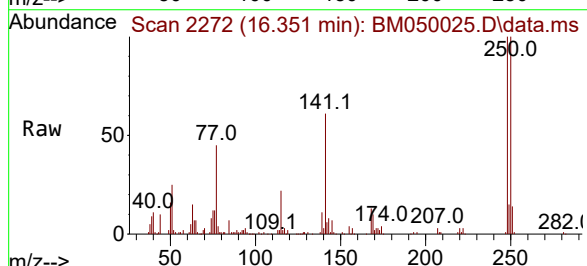
Tgt Ion:169 Resp: 171608
Ion Ratio Lower Upper
169 100
168 70.0 53.4 80.2
167 36.7 29.4 44.0

Manual Integrations
APPROVED

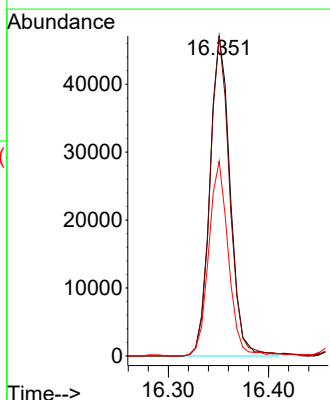
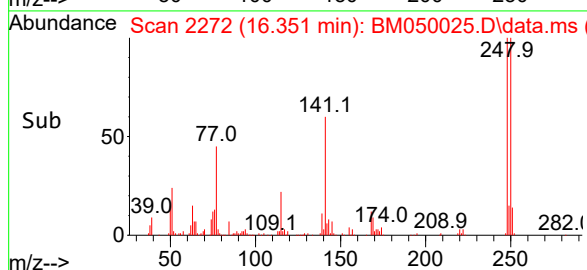
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

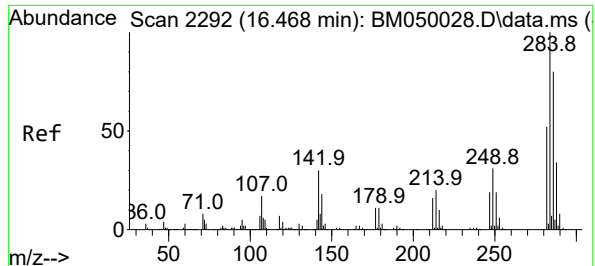


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



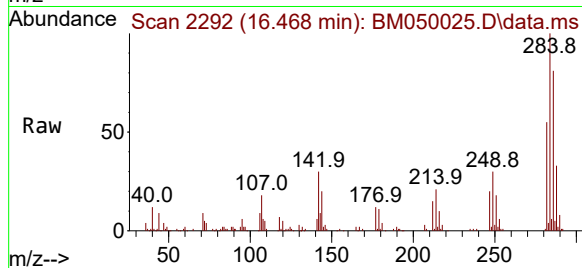
Tgt Ion:248 Resp: 66000
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.2
141 60.8 45.9 68.9





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

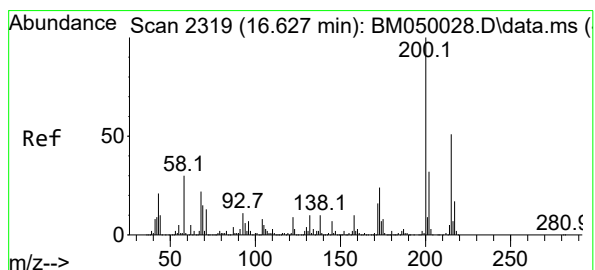
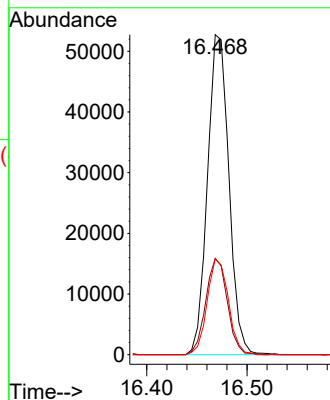
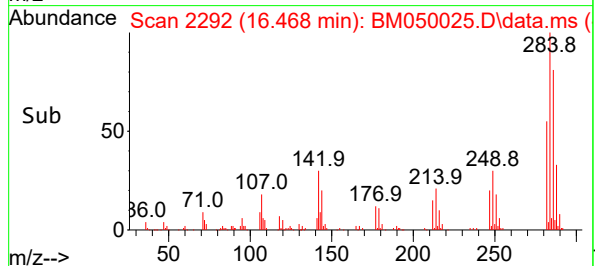
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

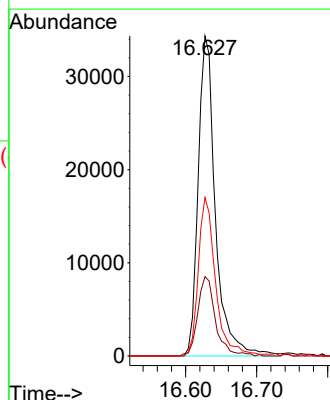
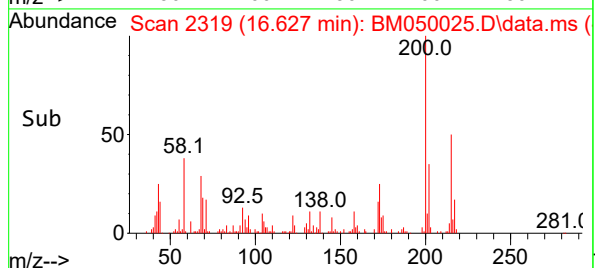
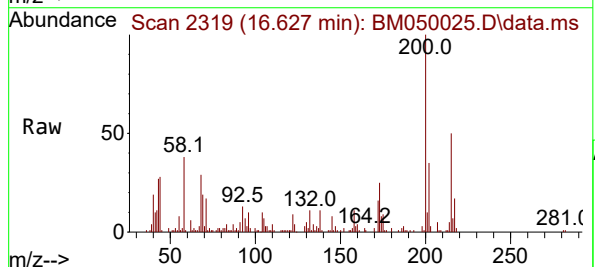
Manual Integrations
APPROVED

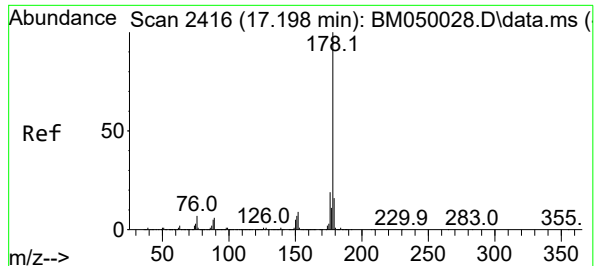
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

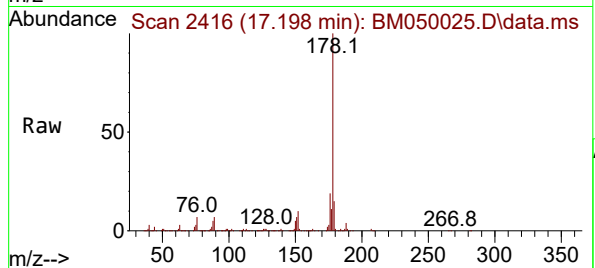
Tgt Ion:200 Resp: 58110
Ion Ratio Lower Upper
200 100
173 24.8 4.3 44.3
215 49.5 30.6 70.6





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

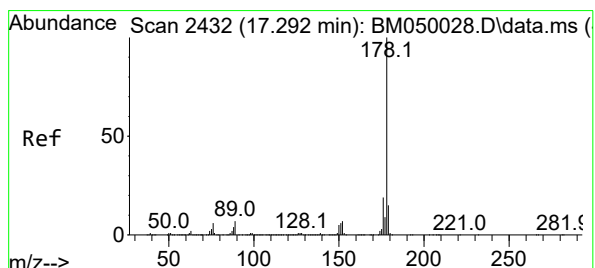
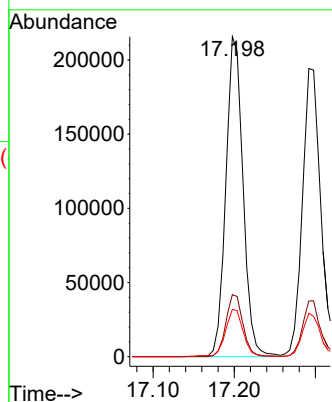
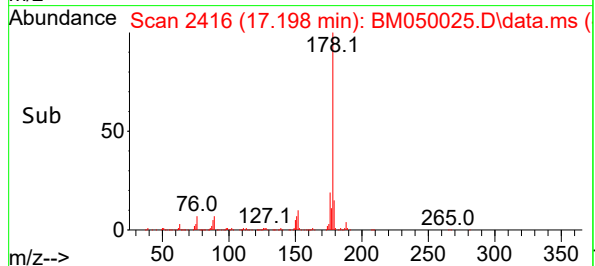
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

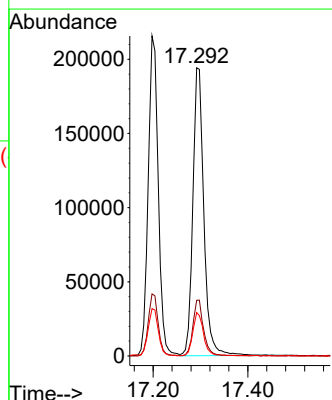
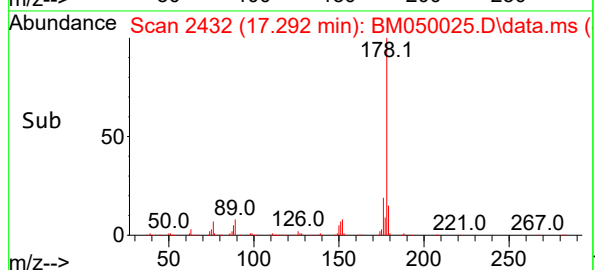
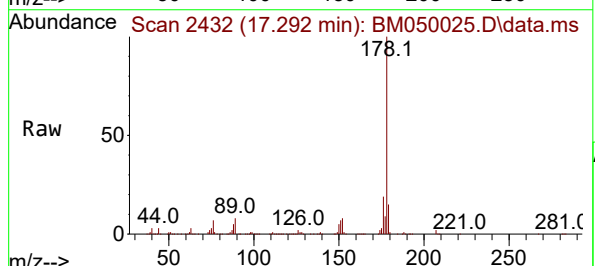
Manual Integrations
APPROVED

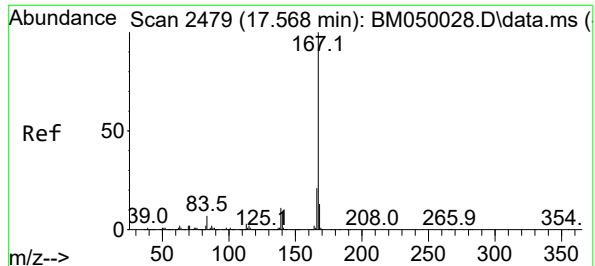
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

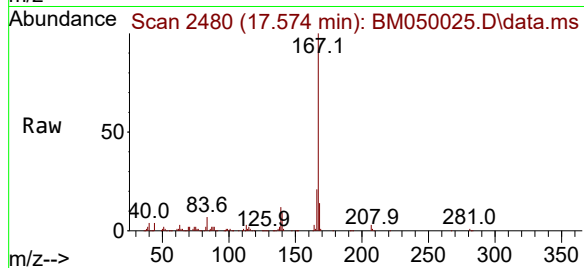
Tgt Ion:178 Resp: 314149
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.0 12.2 18.4





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

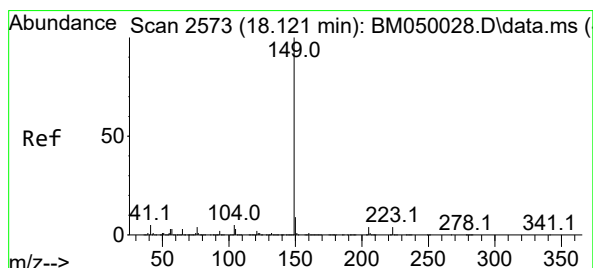
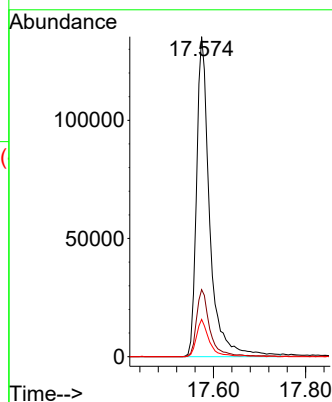
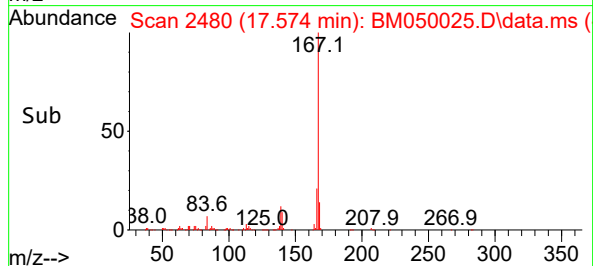
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

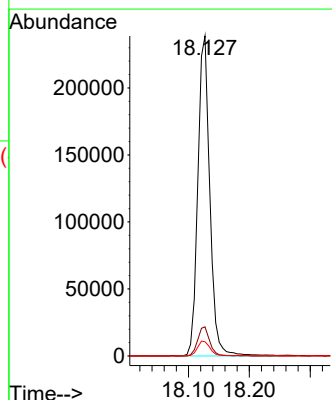
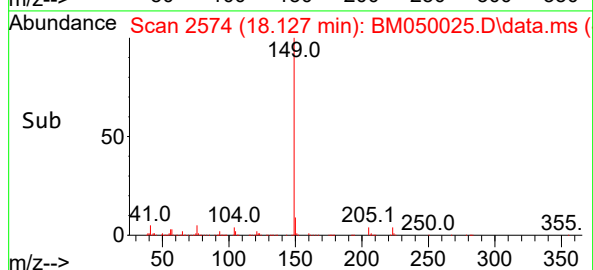
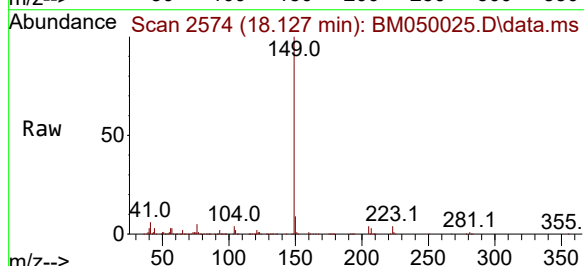
Manual Integrations
APPROVED

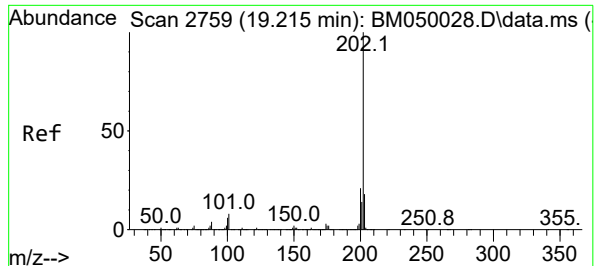
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

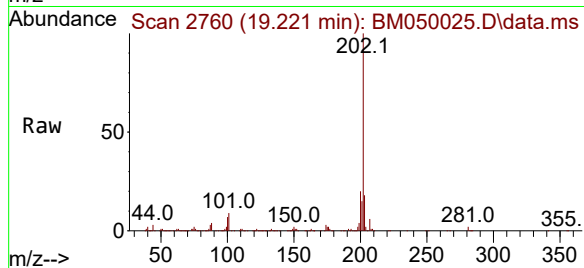
Tgt Ion:149 Resp: 327178
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.4 3.8 5.6





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

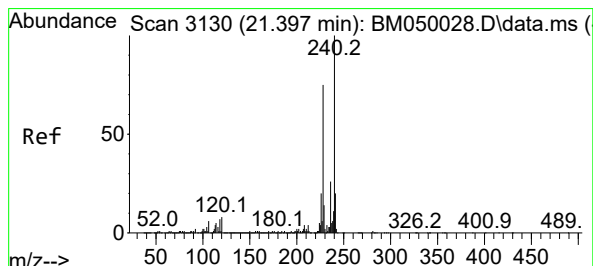
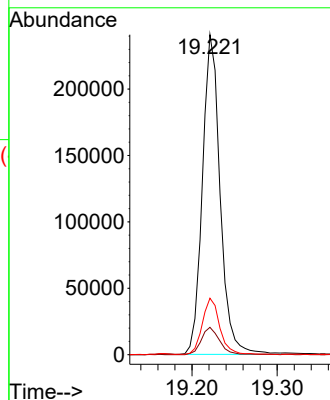
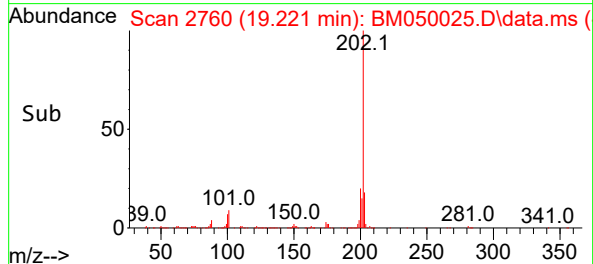
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

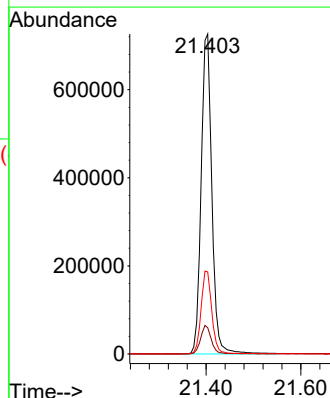
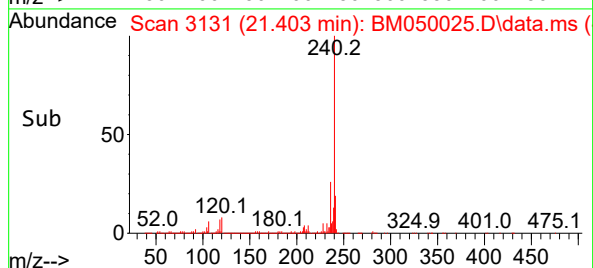
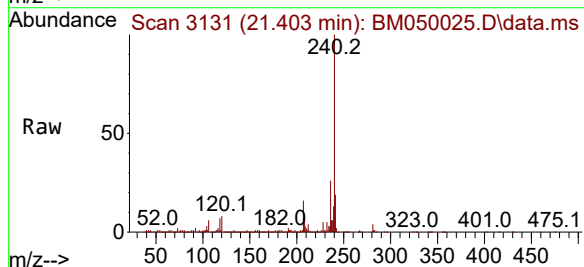
Manual Integrations
APPROVED

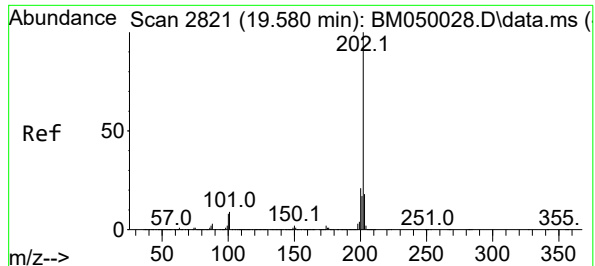
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

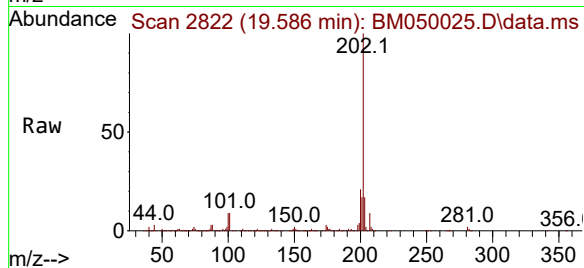
Tgt Ion:240 Resp: 1136162
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.6 20.9 31.3





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

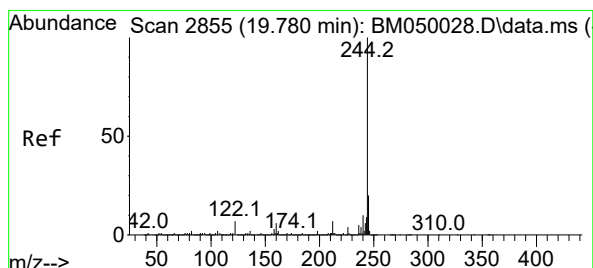
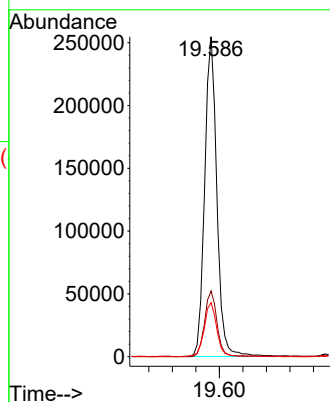
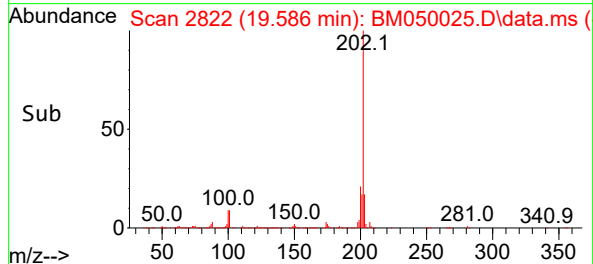
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

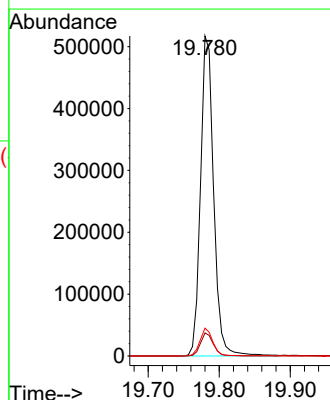
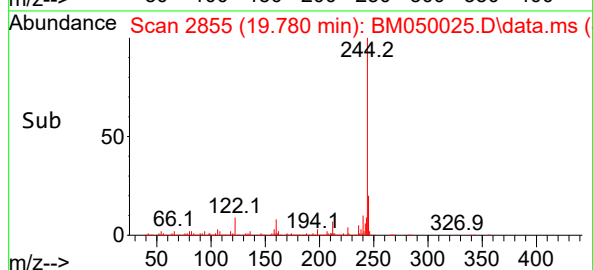
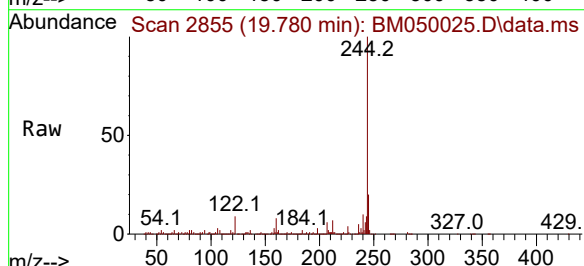
Manual Integrations
APPROVED

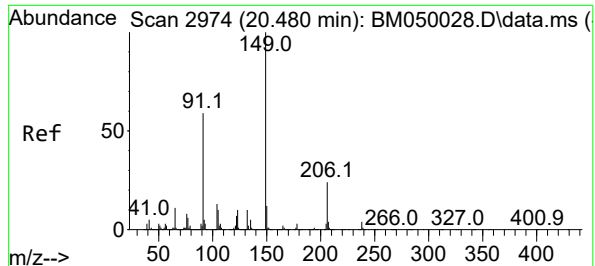
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

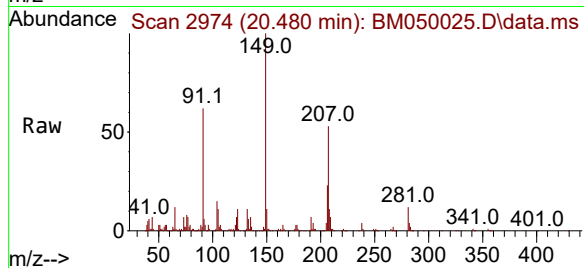
Tgt Ion:244 Resp: 668289
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 8.7 5.6 8.4#





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

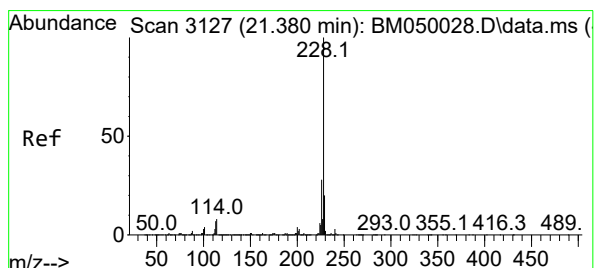
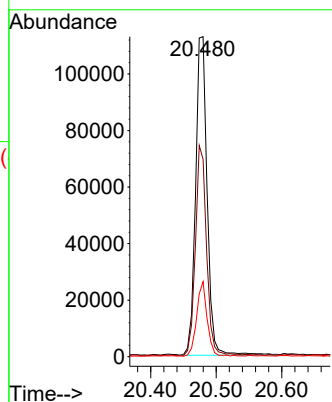
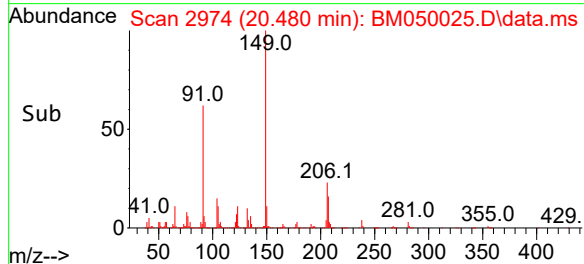
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

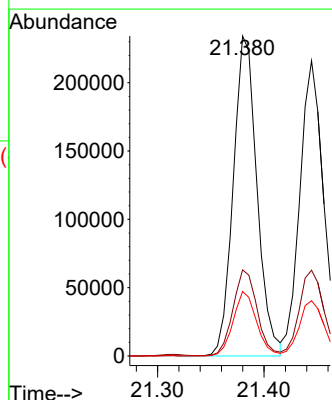
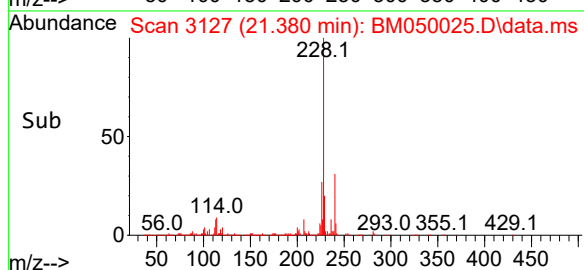
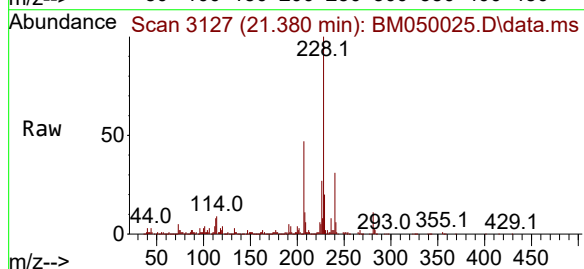
Manual Integrations
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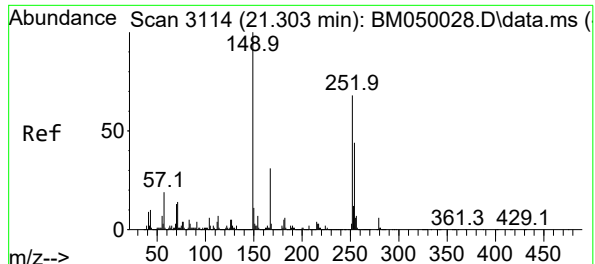
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

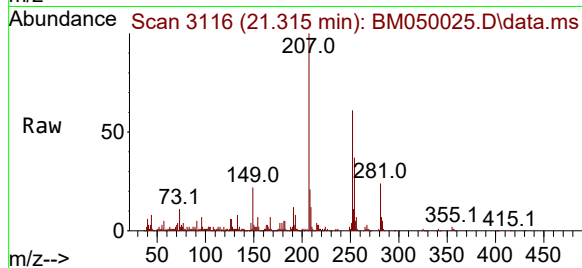
Tgt Ion:228 Resp: 363641
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 20.1 15.7 23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.119 ng
RT: 21.315 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

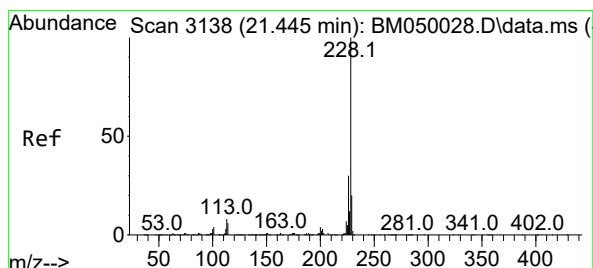
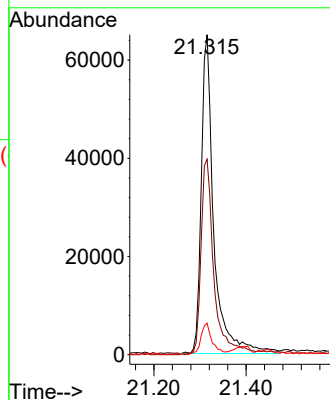
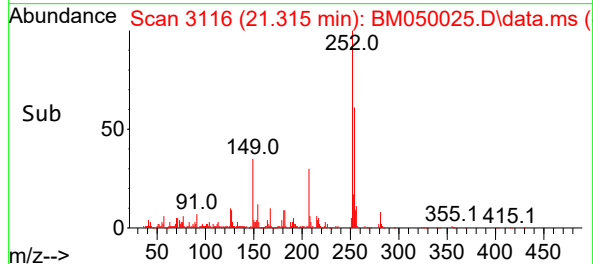
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

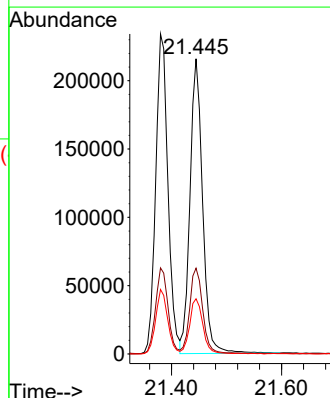
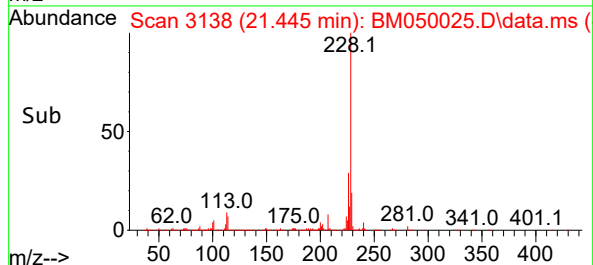
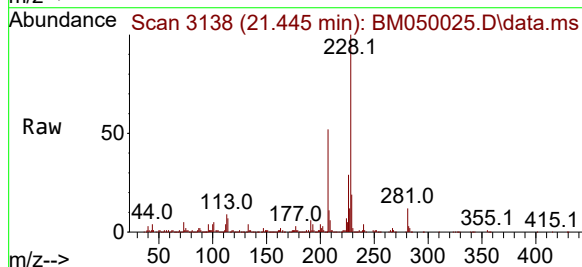
Manual Integrations
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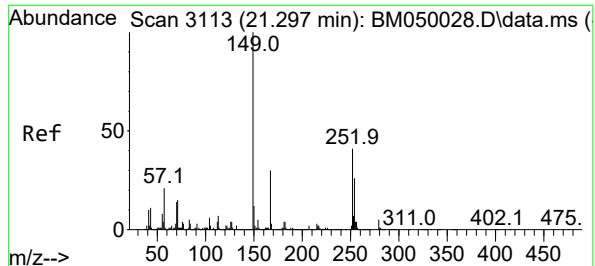
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

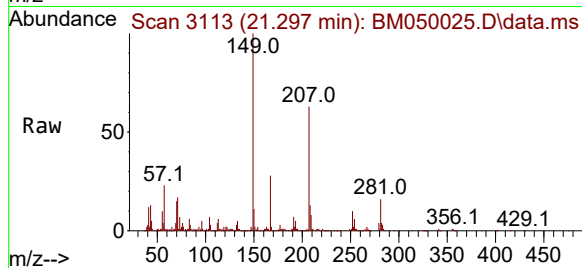
Tgt Ion:228 Resp: 343085
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.2
229 18.7 15.7 23.5





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

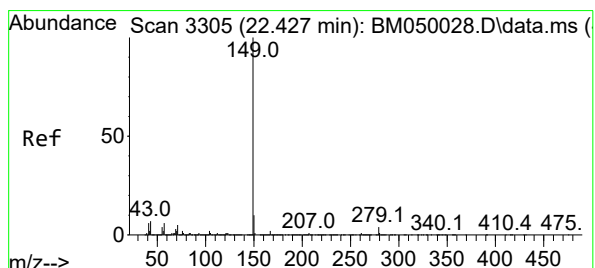
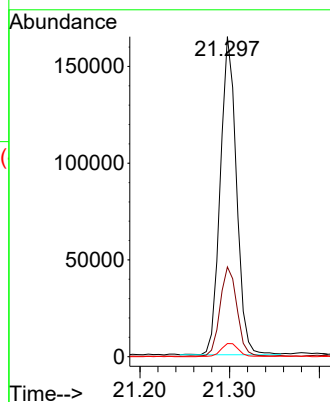
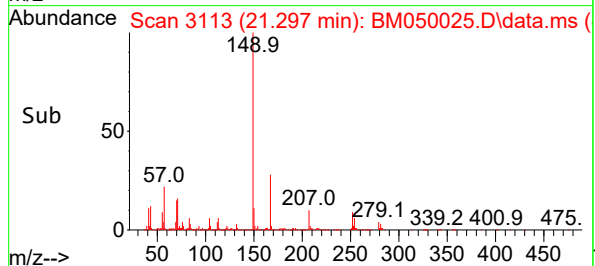
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

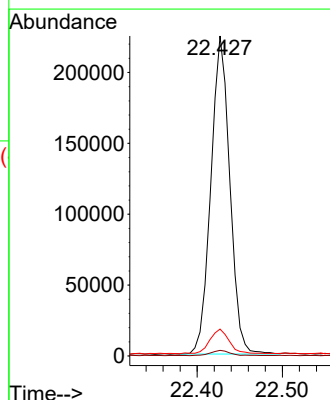
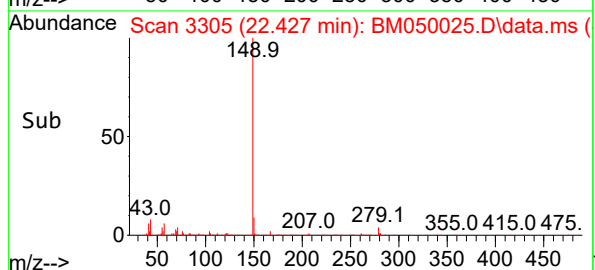
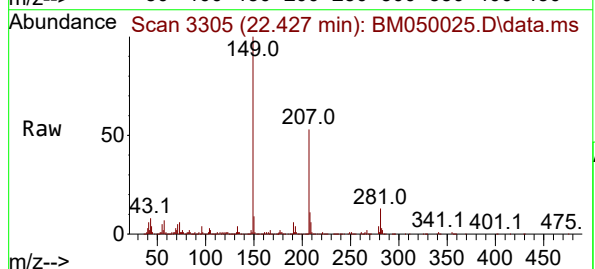
Manual Integrations
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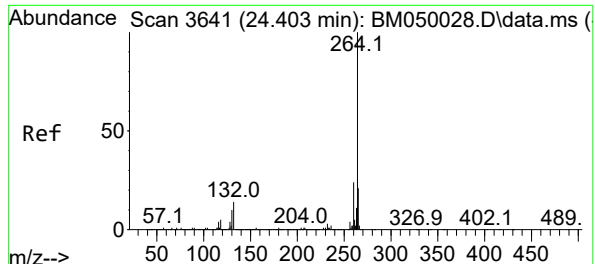
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

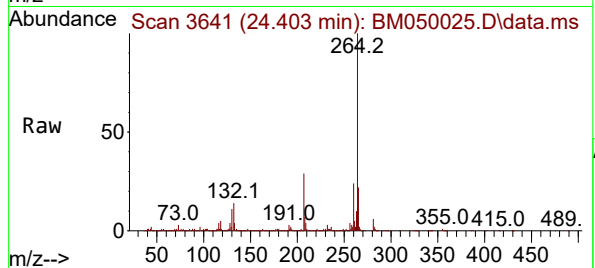
Tgt Ion:149 Resp: 346799
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.0 5.8 8.8





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

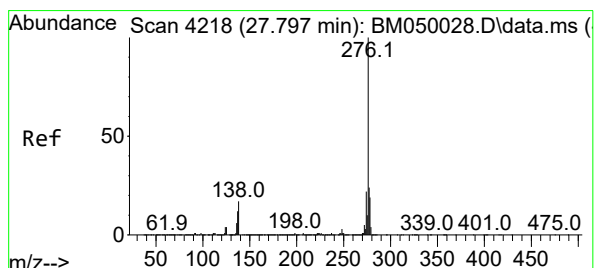
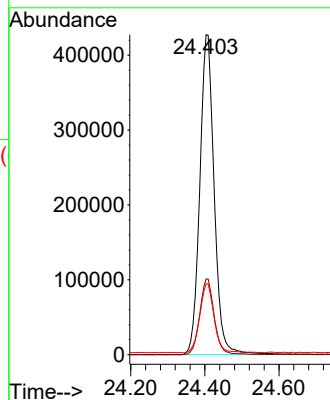
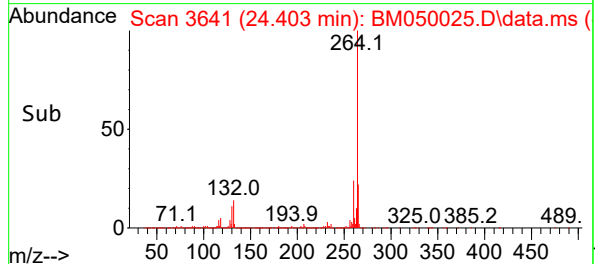
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

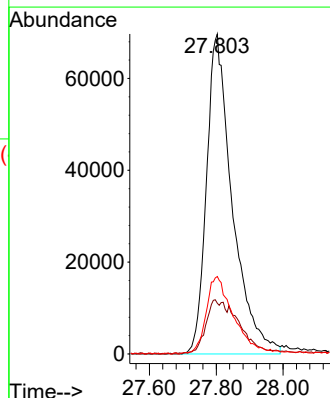
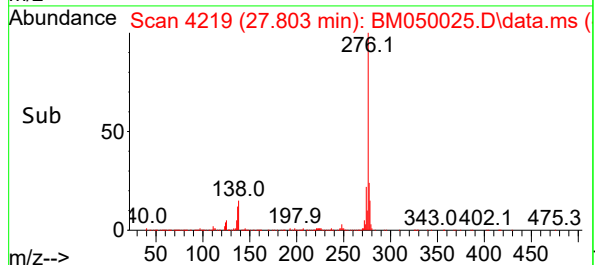
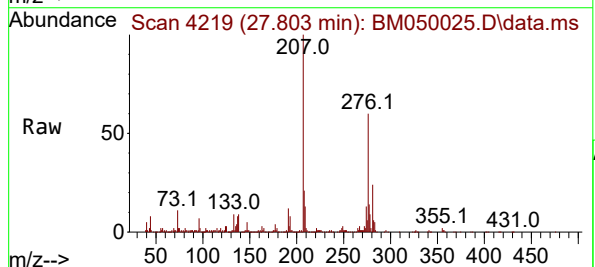
Manual Integrations
APPROVED

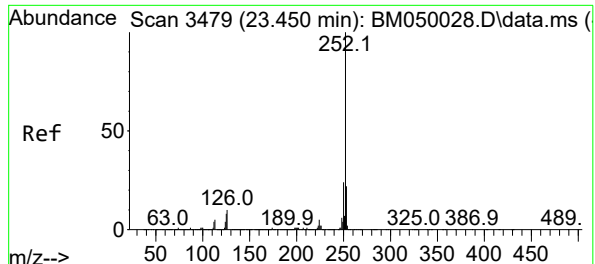
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

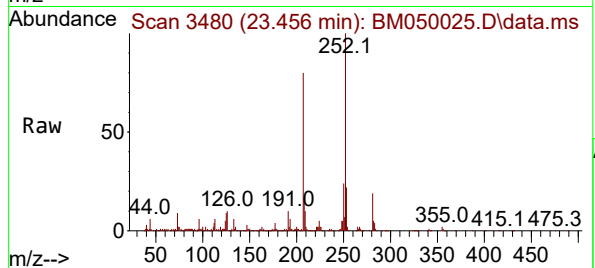
Tgt Ion:276 Resp: 373944
Ion Ratio Lower Upper
276 100
138 8.9 16.4 24.6#
277 25.9 19.8 29.8





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

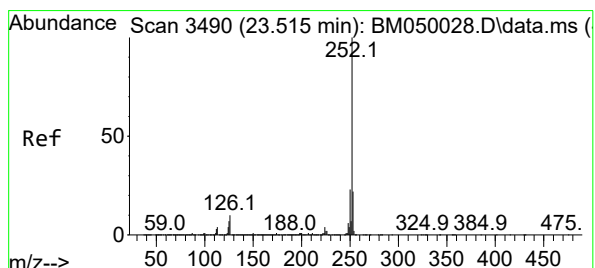
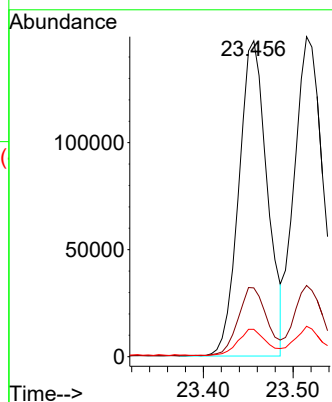
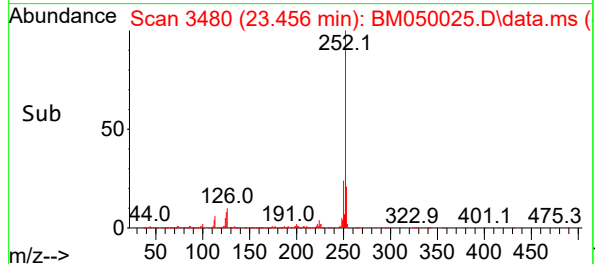
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



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

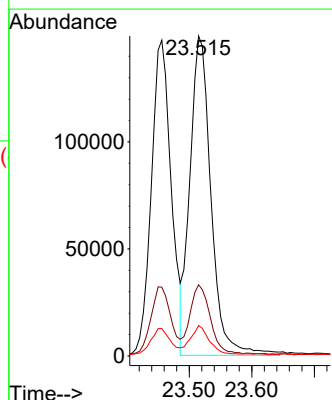
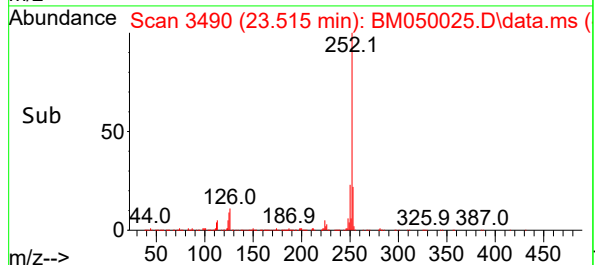
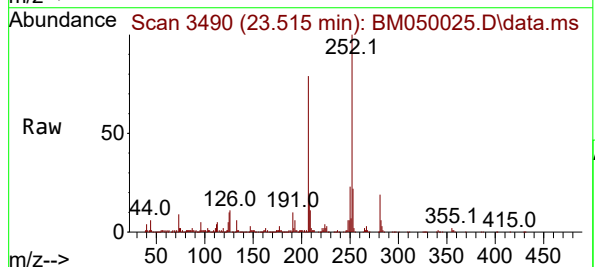
Manual Integrations
APPROVED

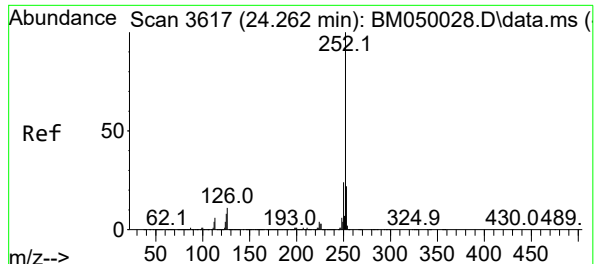
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

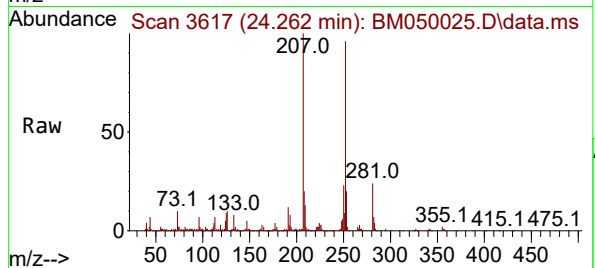
Tgt Ion:252 Resp: 350374
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.5 5.8 8.8#





#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

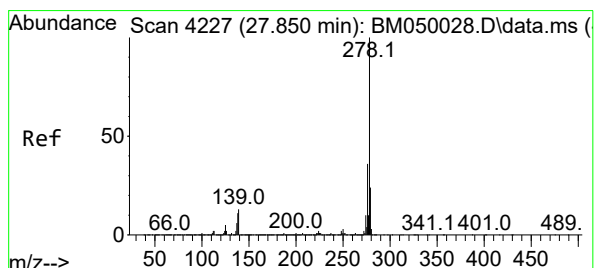
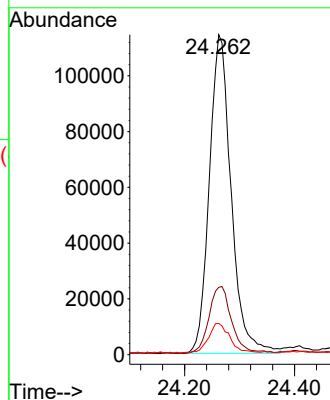
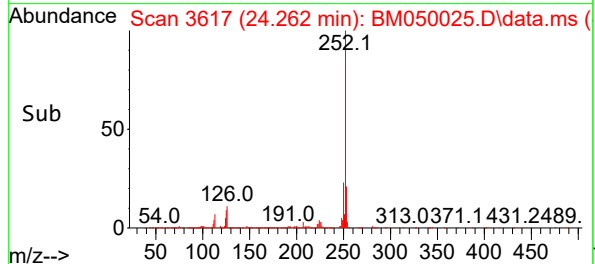
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



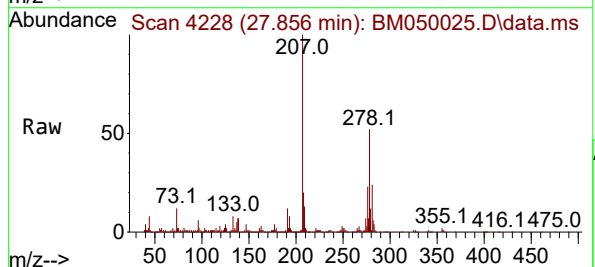
Tgt Ion:252 Resp: 314608
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 9.7 6.6 9.8

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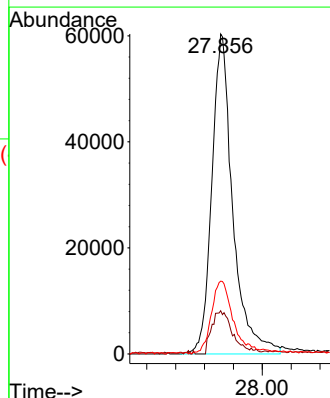
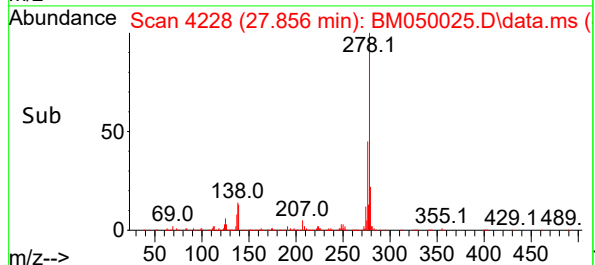
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

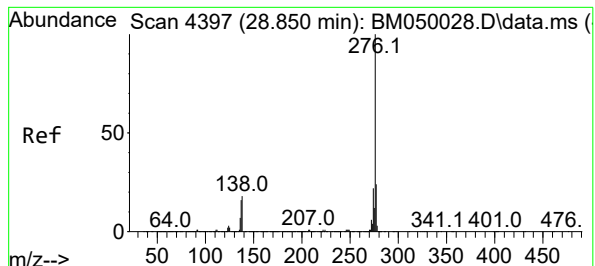


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



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





#92

Benzo(g,h,i)perylene

Concen: 4.585 ng

RT: 28.862 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM050025.D

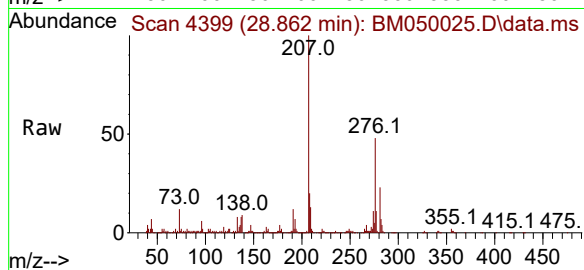
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 30657

Ion Ratio Lower Upper

276 100

277 22.1 19.1 28.7

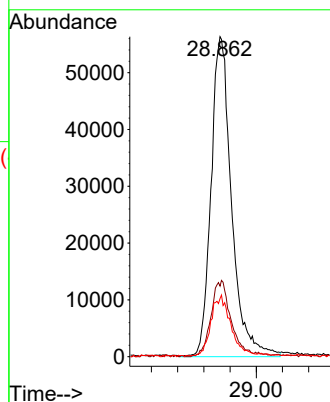
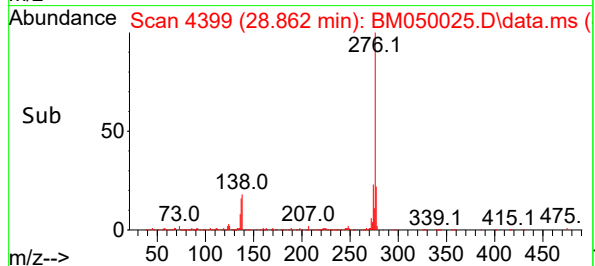
138 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

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

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

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

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

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

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

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

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

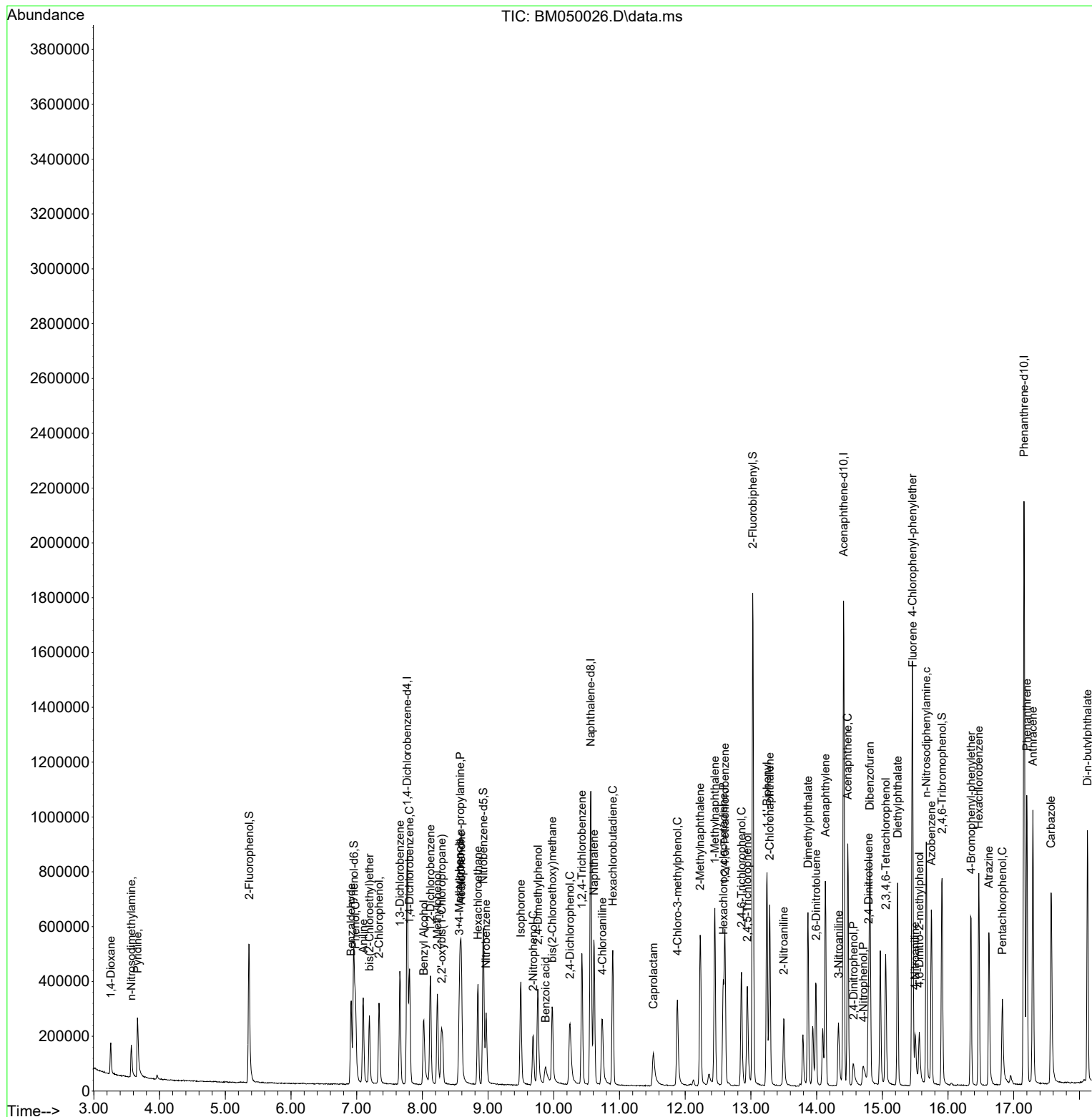
Quant Time: Apr 28 17:54:15 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration



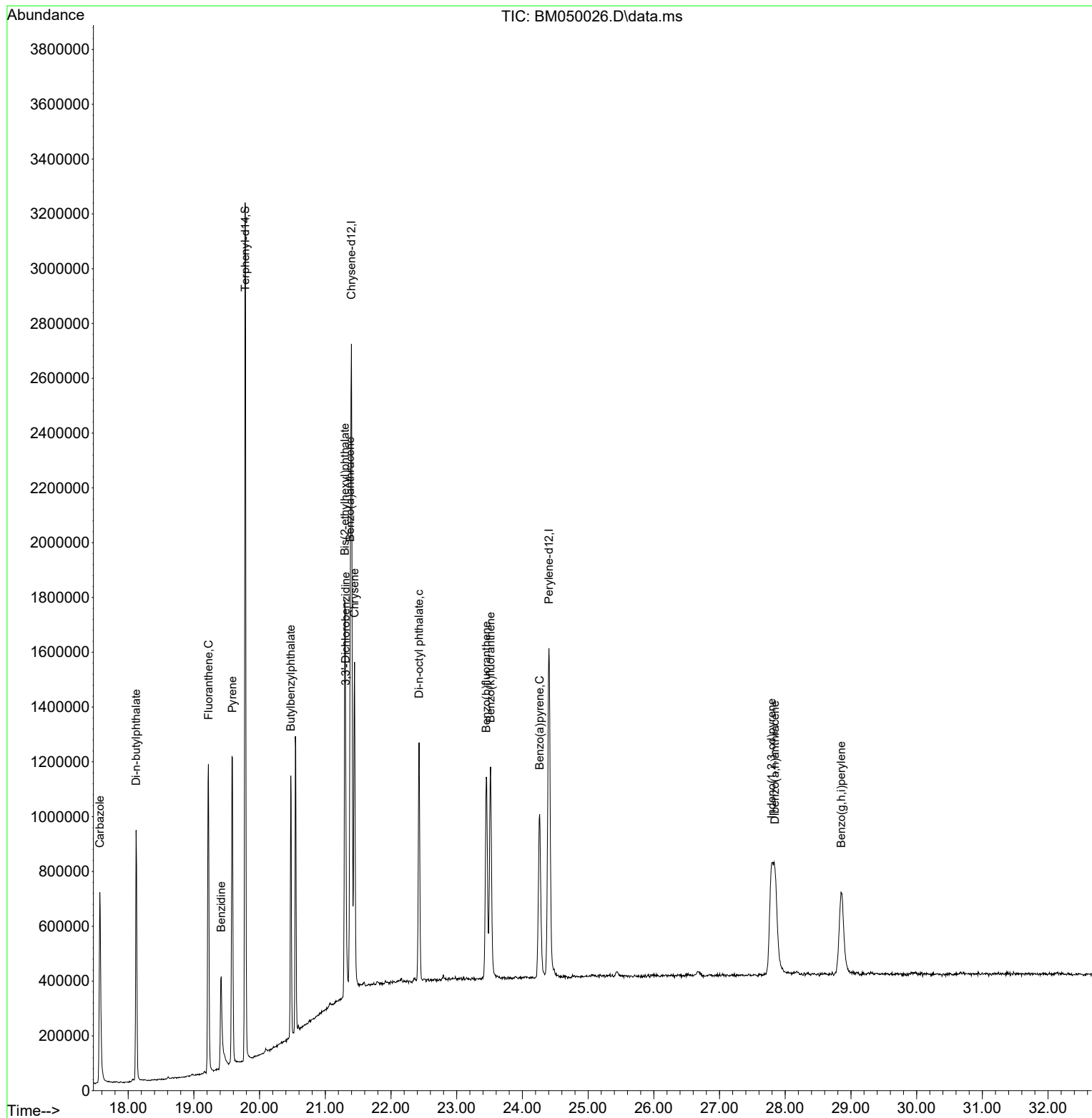
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Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

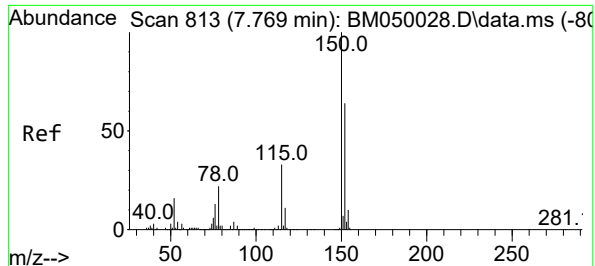
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

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

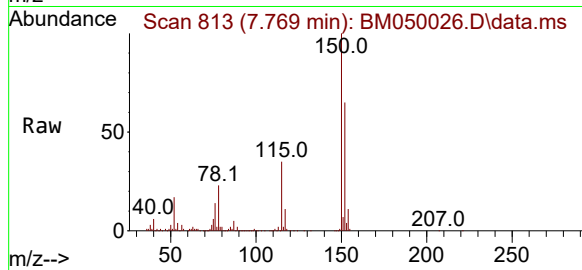
Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





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

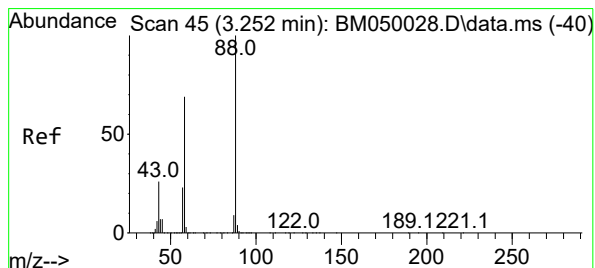
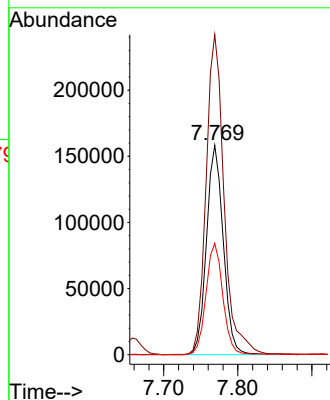
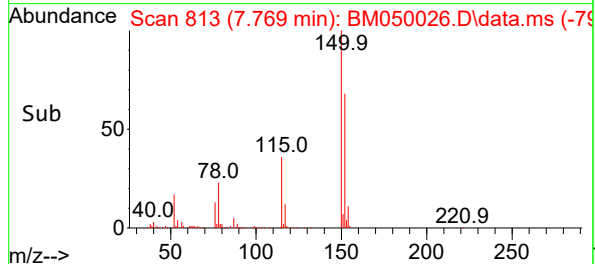
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

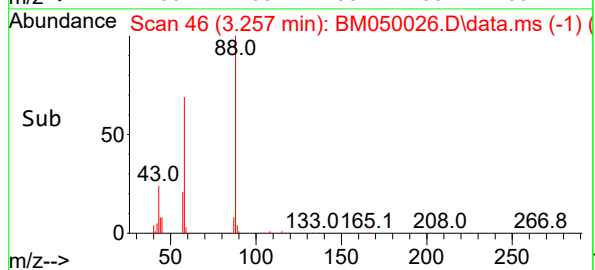
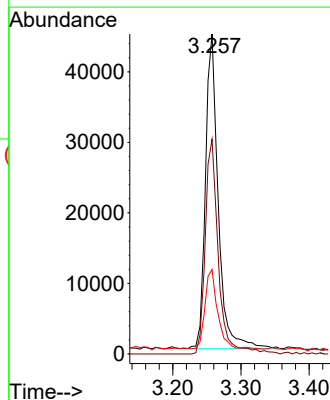
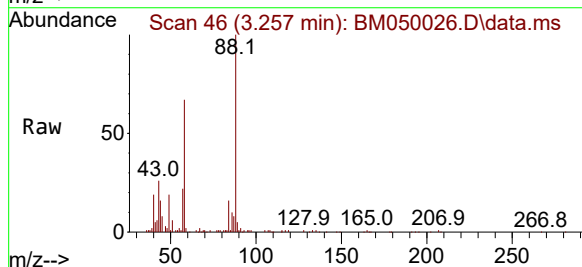
Manual Integrations
APPROVED

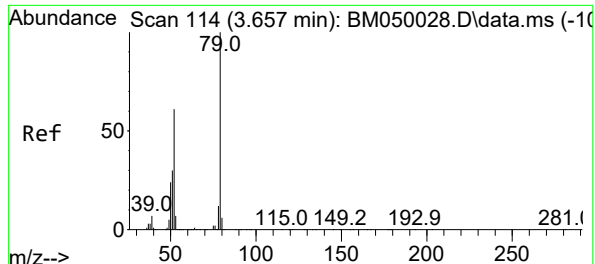
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#3

Pyridine

Concen: 9.266 ng

RT: 3.663 min Scan# 114

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 14580

Ion Ratio Lower Upper

79 100

52 61.3 48.6 72.8

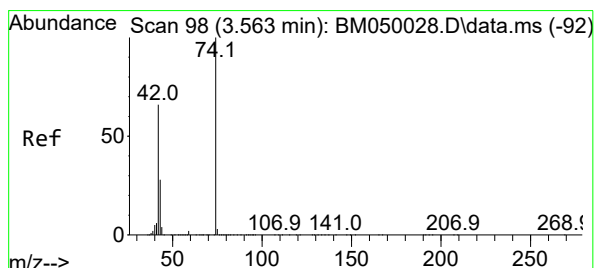
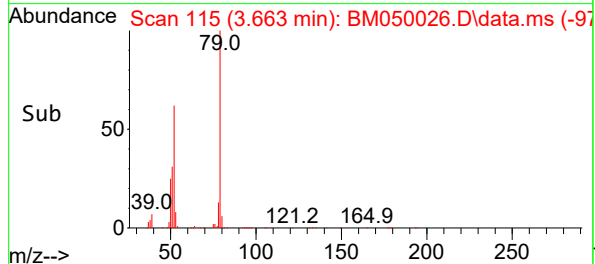
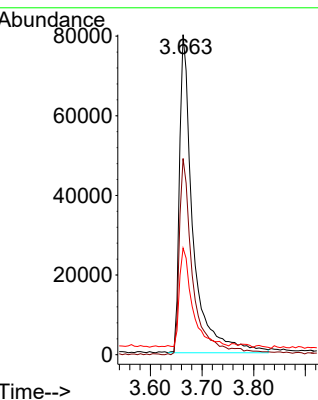
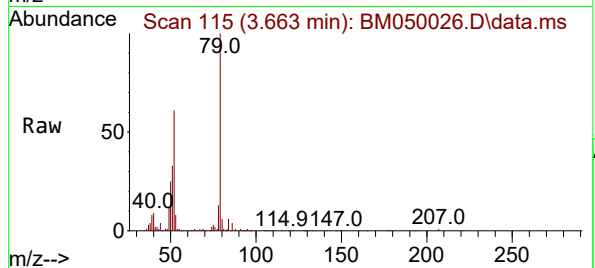
51 33.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#4

n-Nitrosodimethylamine

Concen: 9.302 ng

RT: 3.569 min Scan# 99

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

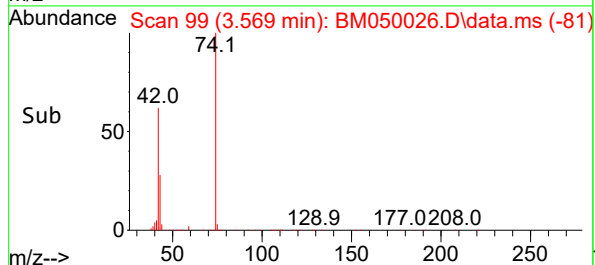
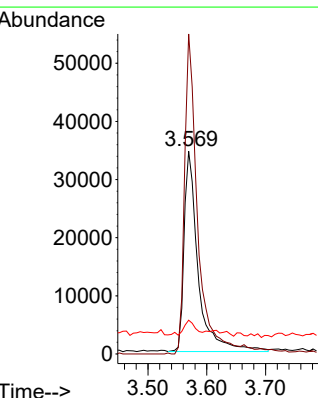
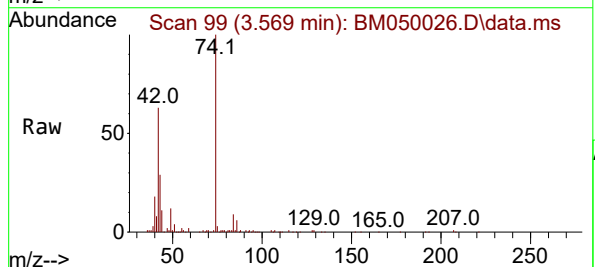
Tgt Ion: 42 Resp: 57404

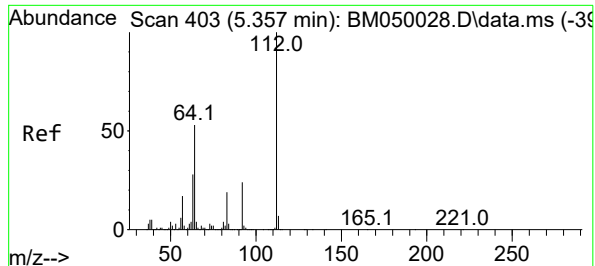
Ion Ratio Lower Upper

42 100

74 157.9 120.2 180.2

44 16.6 6.2 9.2





#5

2-Fluorophenol

Concen: 18.894 ng

RT: 5.363 min Scan# 403

Delta R.T. 0.006 min

Lab File: BM050026.D

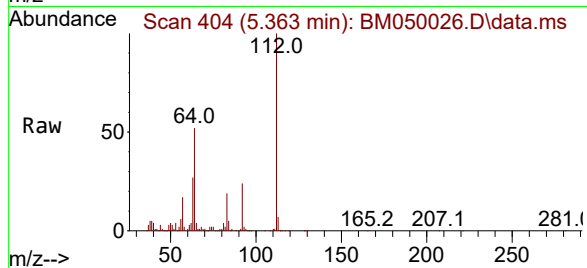
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:112 Resp: 269870

Ion Ratio Lower Upper

112 100

64 52.1 42.6 64.0

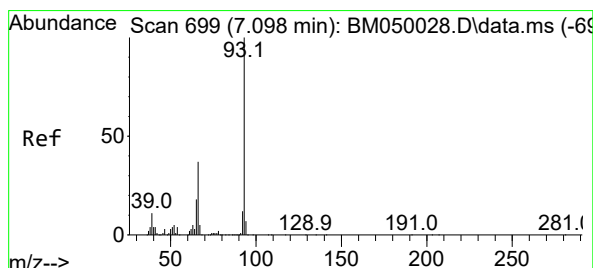
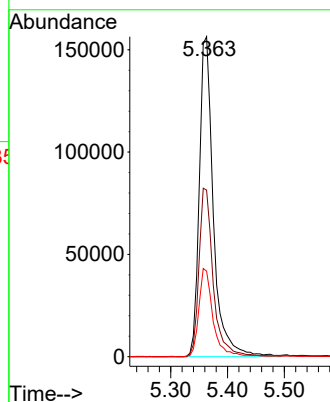
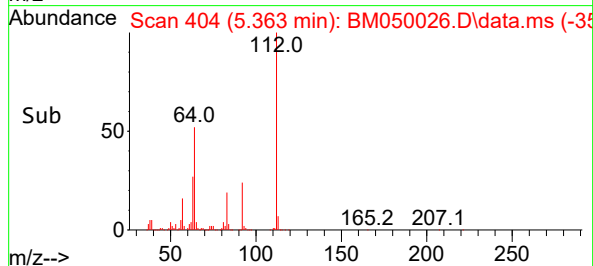
63 26.8 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 9.319 ng

RT: 7.098 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

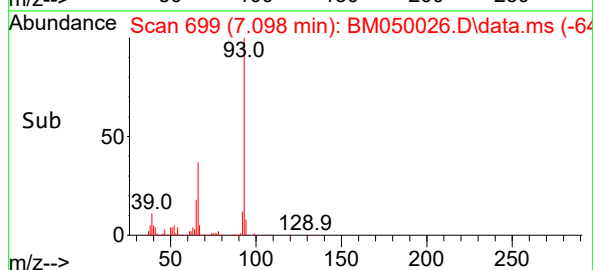
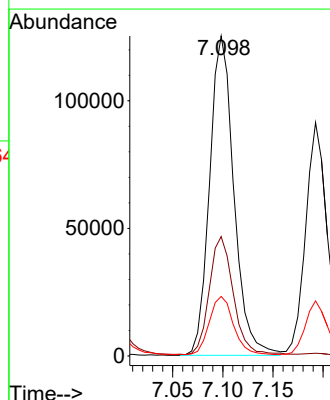
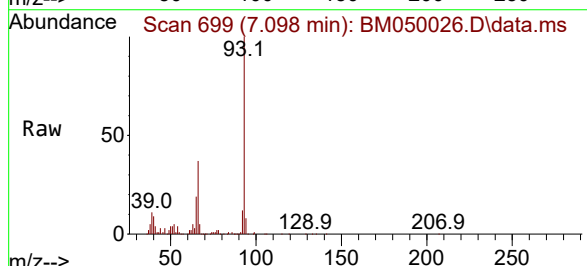
Tgt Ion: 93 Resp: 211256

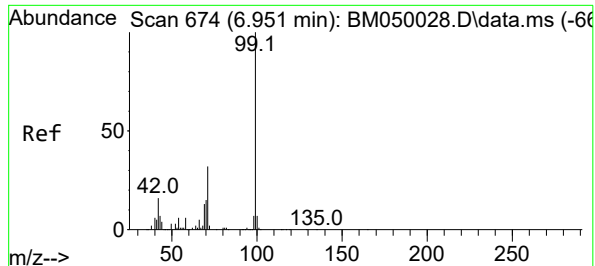
Ion Ratio Lower Upper

93 100

66 37.3 29.9 44.9

65 18.6 14.5 21.7





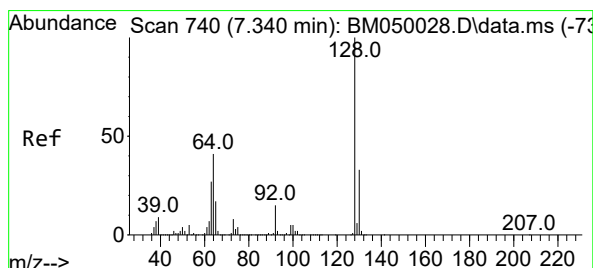
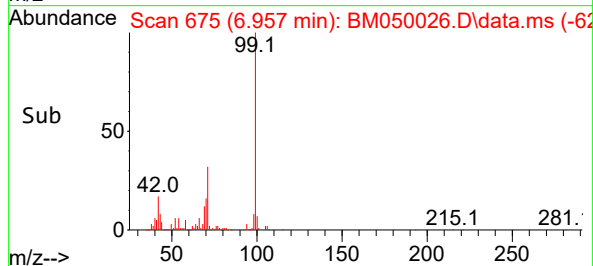
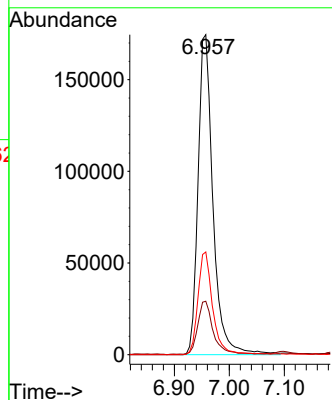
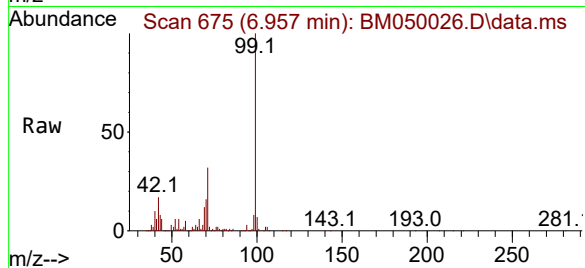
#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

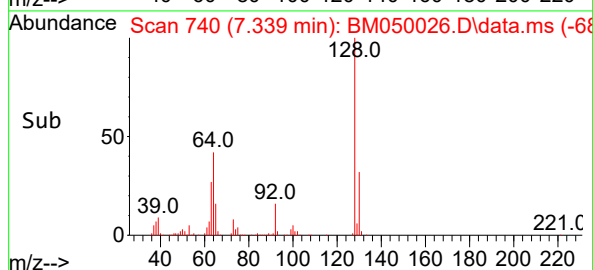
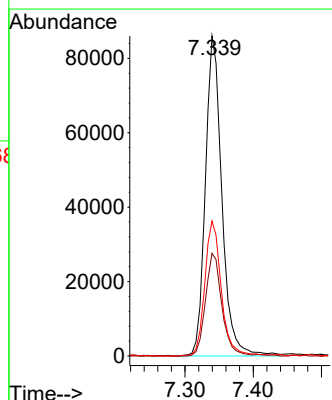
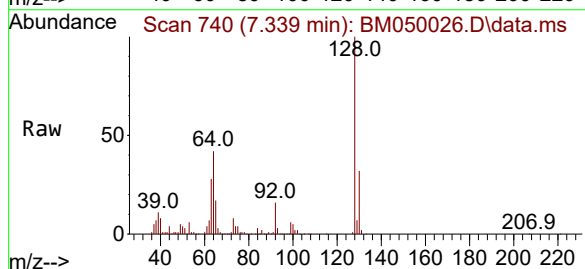
Manual Integrations
APPROVED

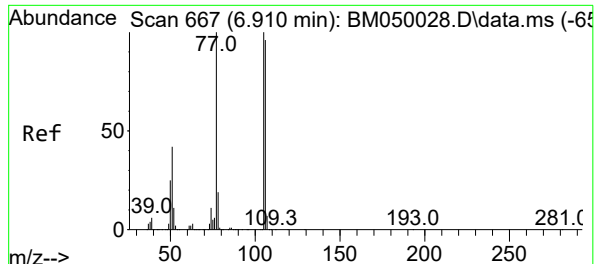
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

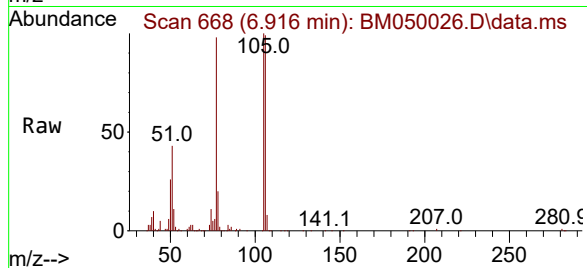
Tgt Ion:128 Resp: 145228
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 42.2 21.2 61.2





#9
Benzaldehyde
Concen: 9.587 ng m
RT: 6.916 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

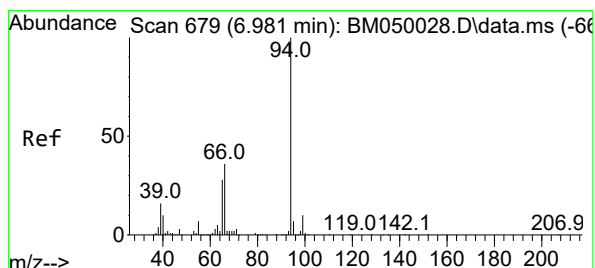
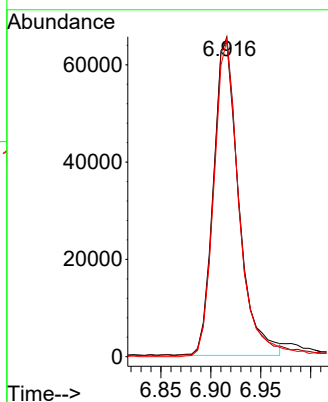
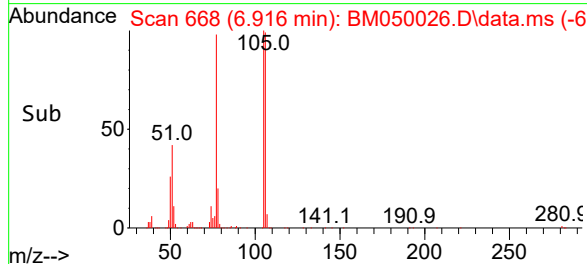
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

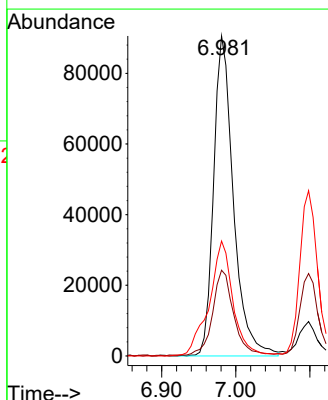
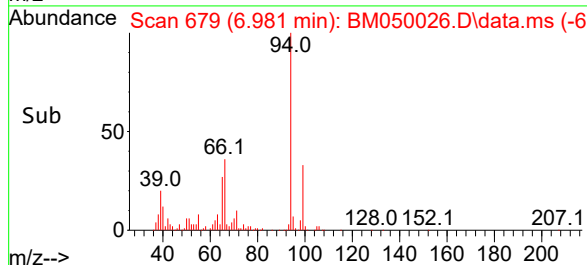
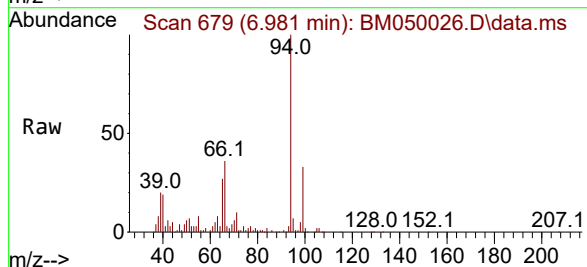
Manual Integrations
APPROVED

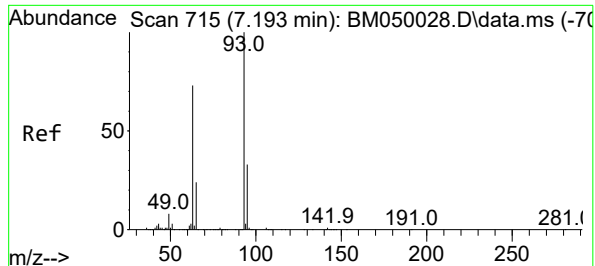
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





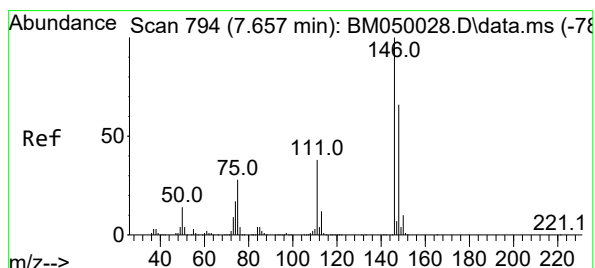
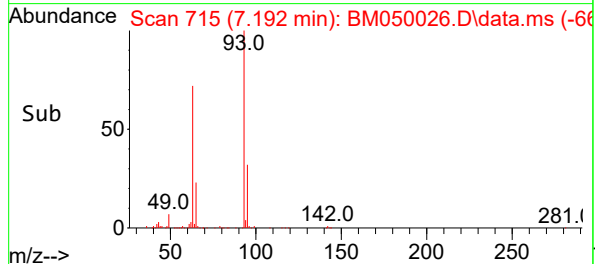
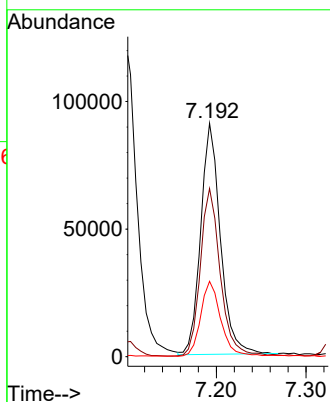
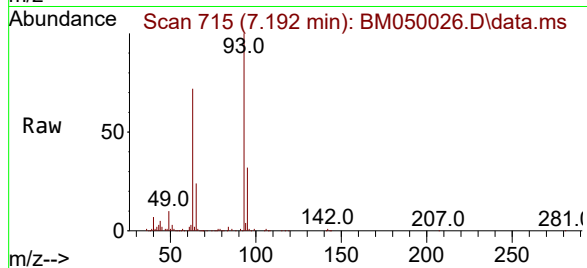
#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

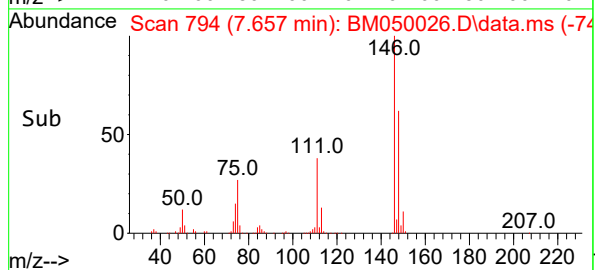
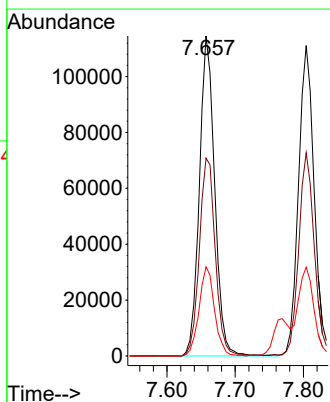
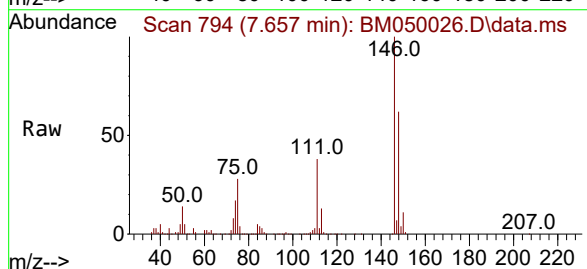
Manual Integrations
APPROVED

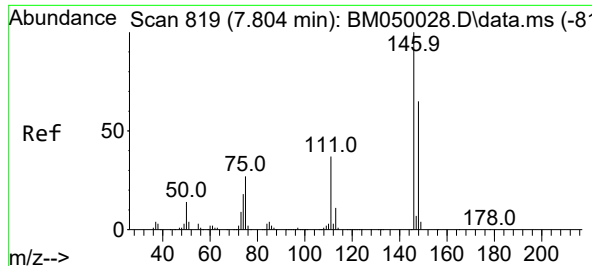
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#13

1,4-Dichlorobenzene

Concen: 9.461 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 177312

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

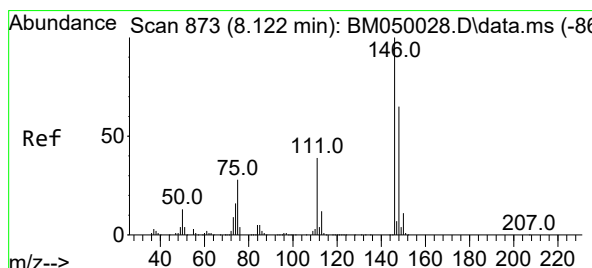
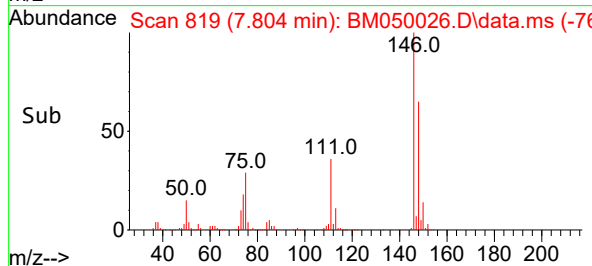
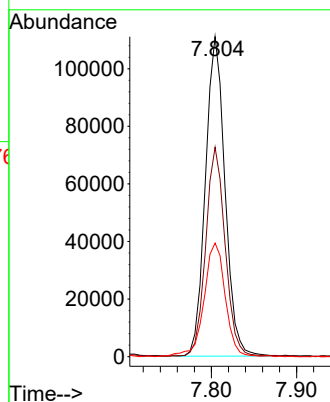
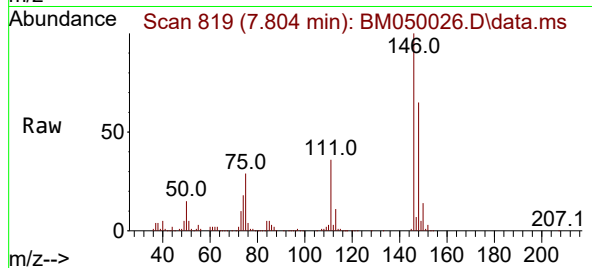
111 35.5 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 9.624 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

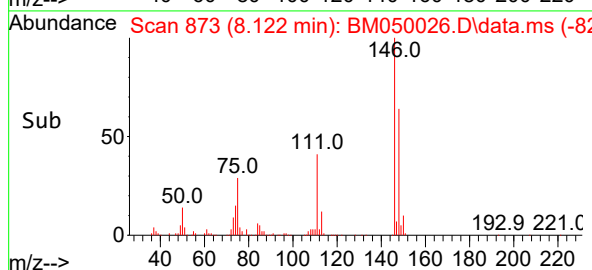
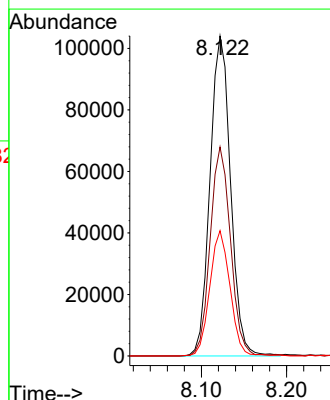
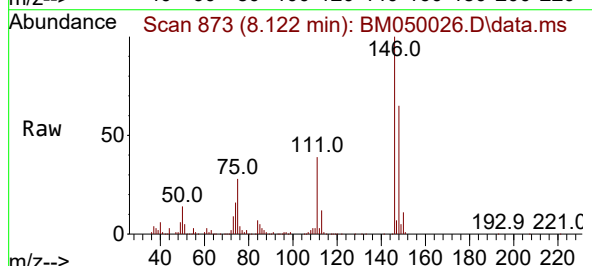
Tgt Ion:146 Resp: 174224

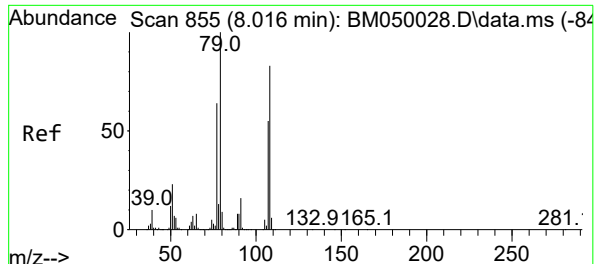
Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

111 39.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 8.854 ng

RT: 8.022 min Scan# 855

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 110234

Ion Ratio Lower Upper

79 100

108 83.7 66.0 99.0

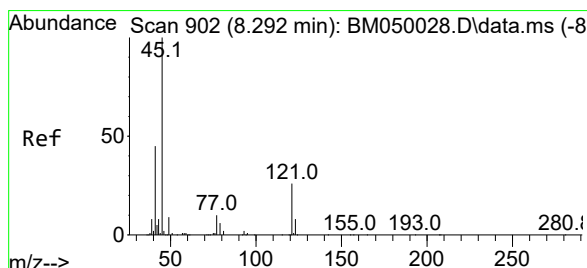
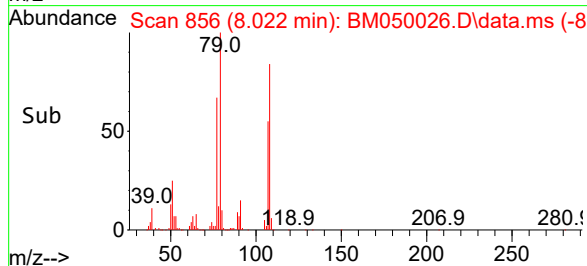
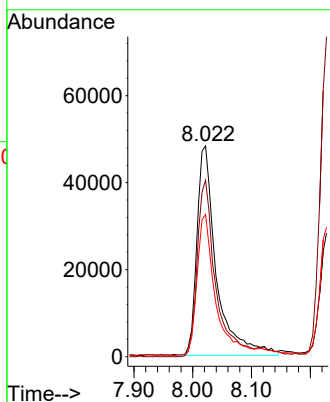
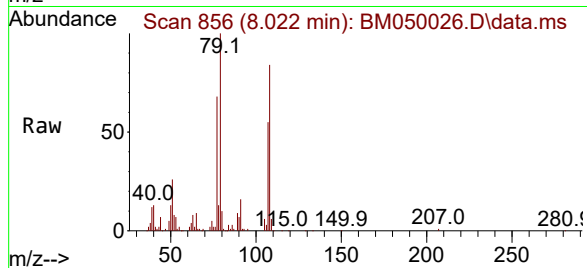
77 67.5 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.637 ng

RT: 8.292 min Scan# 902

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

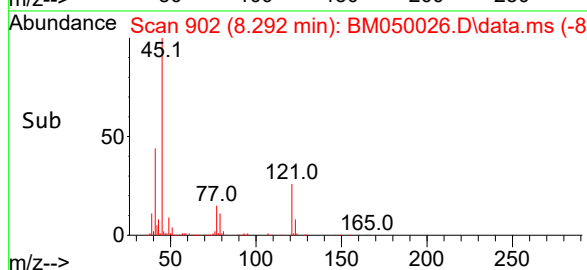
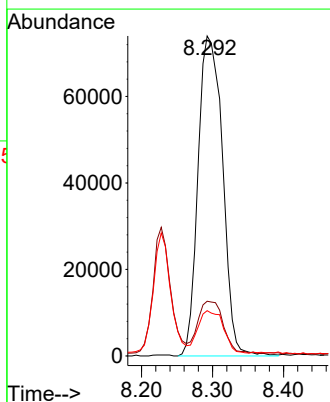
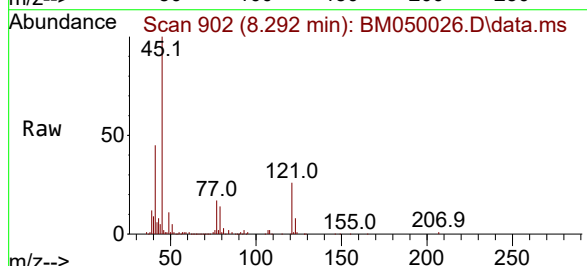
Tgt Ion: 45 Resp: 177776

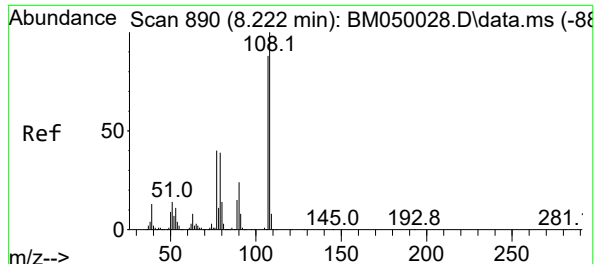
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.4

79 14.1 0.0 32.7





#17

2-Methylphenol

Concen: 9.325 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050026.D

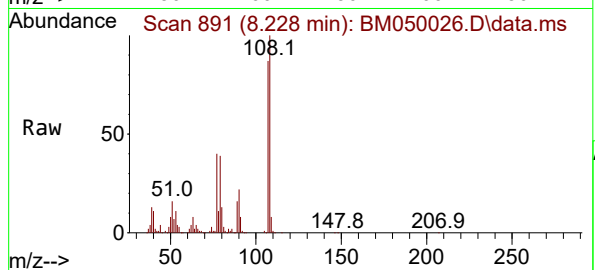
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:107 Resp: 111639

Ion Ratio Lower Upper

107 100

108 115.1 91.1 136.7

77 46.6 36.2 54.4

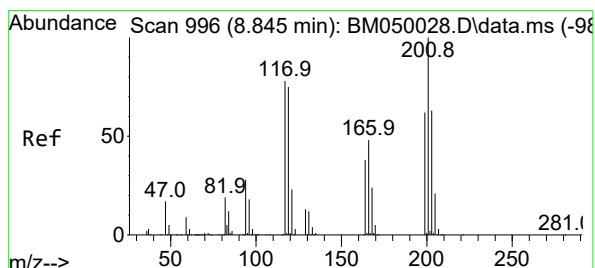
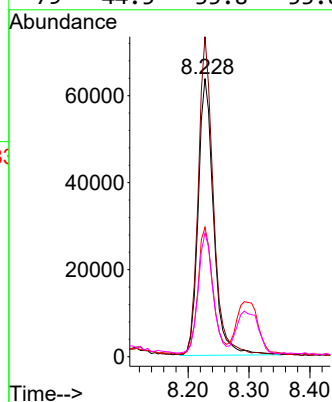
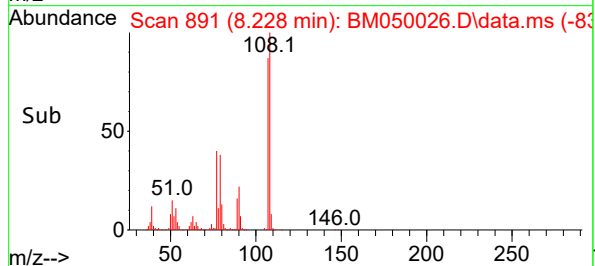
79 44.5 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

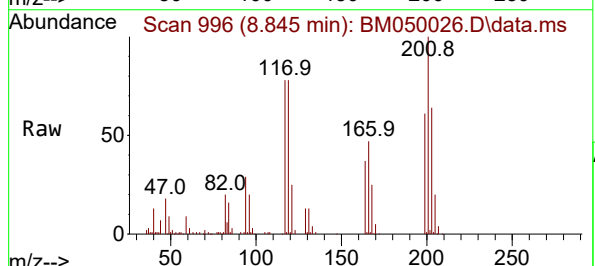
Concen: 9.530 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48



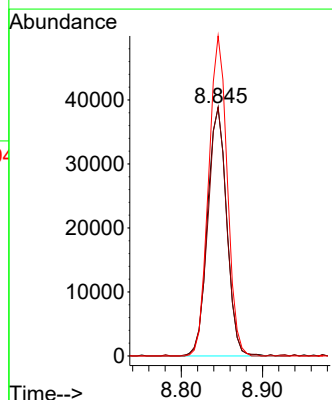
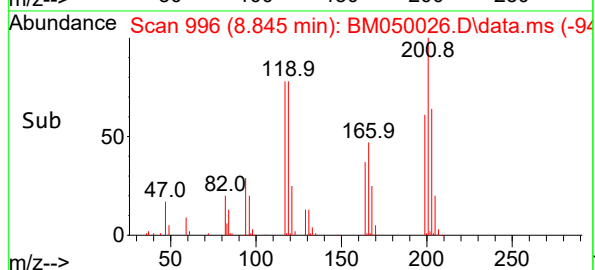
Tgt Ion:117 Resp: 63487

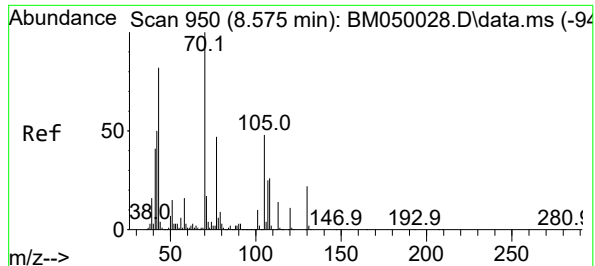
Ion Ratio Lower Upper

117 100

119 100.3 77.3 115.9

201 129.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.609 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 11064

Ion Ratio Lower Upper

70 100

42 51.9 40.5 60.7

101 8.8 7.8 11.6

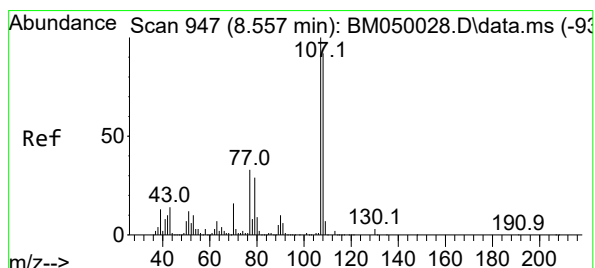
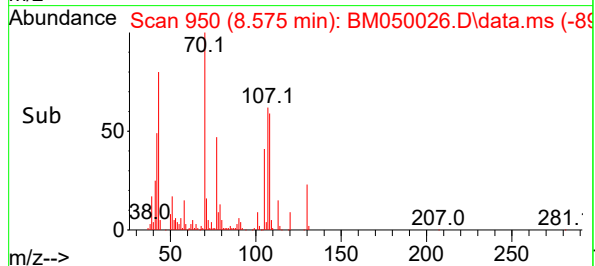
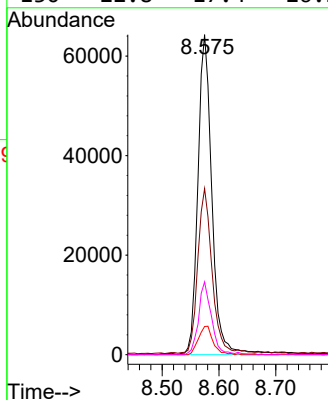
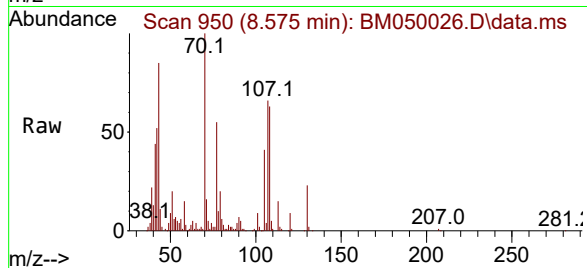
130 22.8 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 9.049 ng

RT: 8.563 min Scan# 948

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

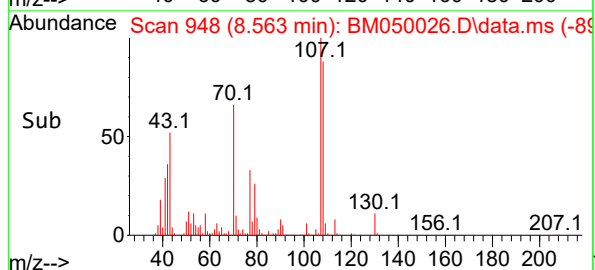
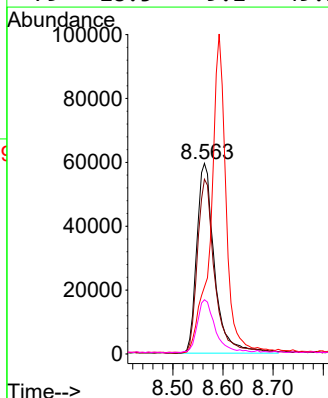
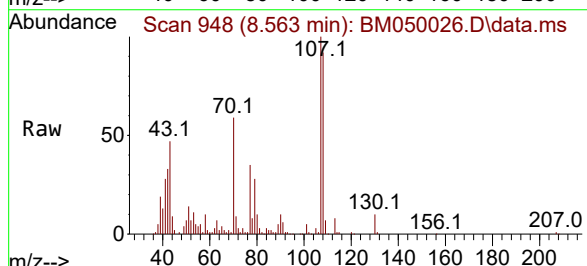
Ion Ratio Lower Upper

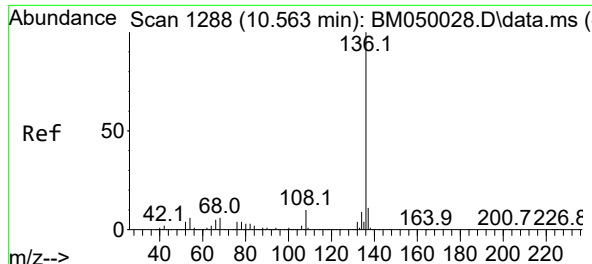
107 100

108 91.7 72.4 112.4

77 35.2 13.6 53.6

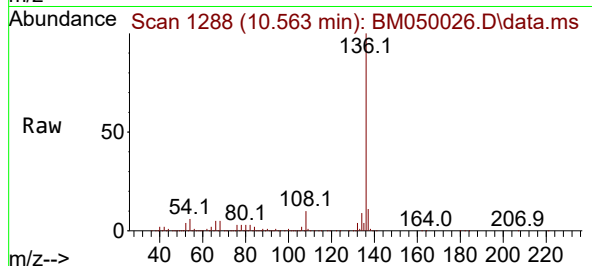
79 28.5 9.2 49.2





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

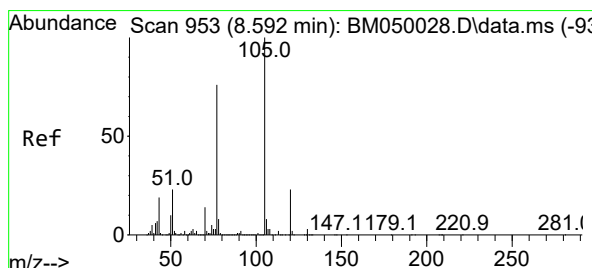
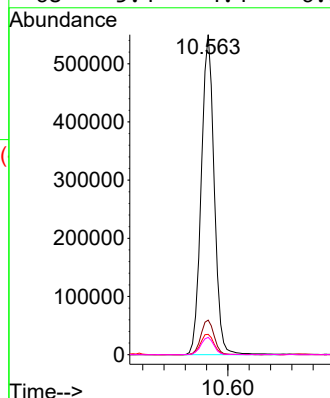
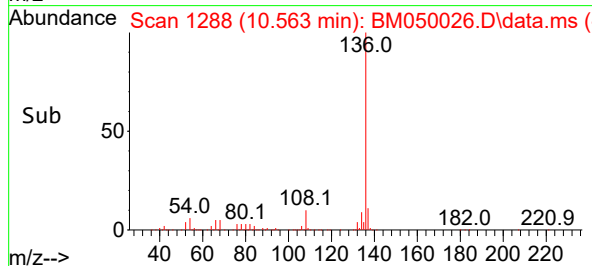
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

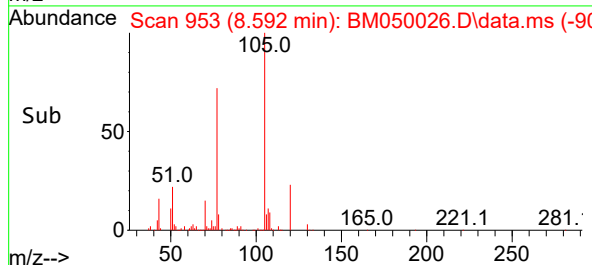
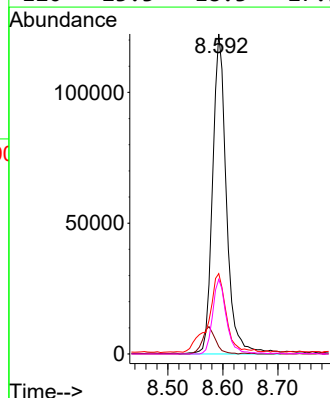
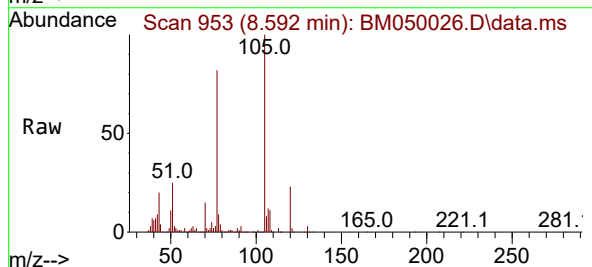
Manual Integrations
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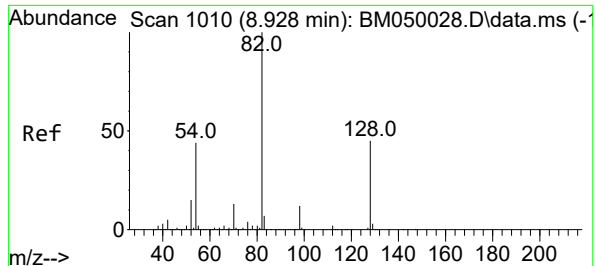
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

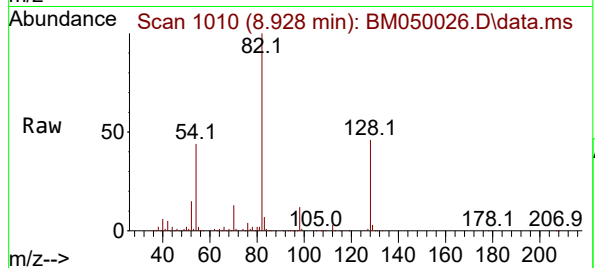
Tgt Ion:105 Resp: 214790
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 25.1 18.6 27.8
120 23.3 18.3 27.5





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

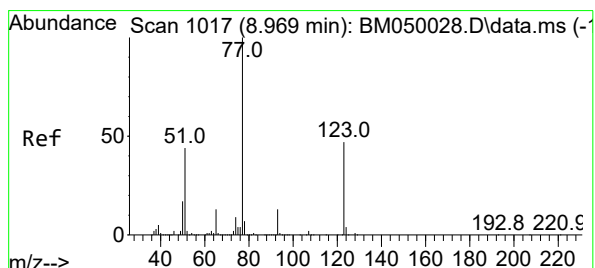
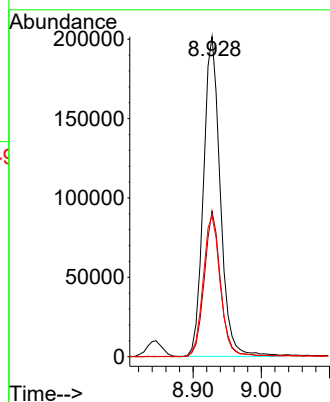
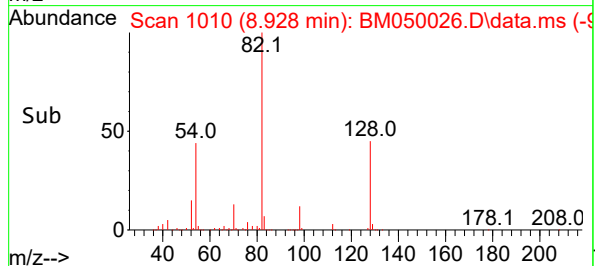
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

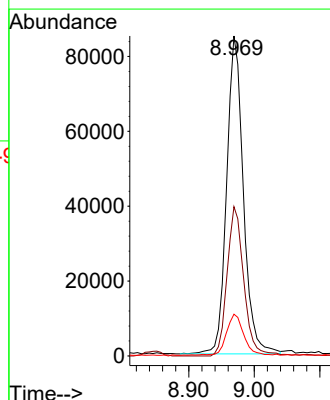
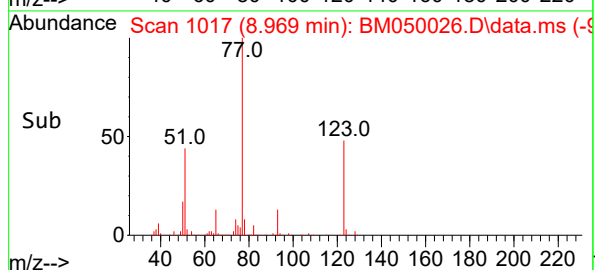
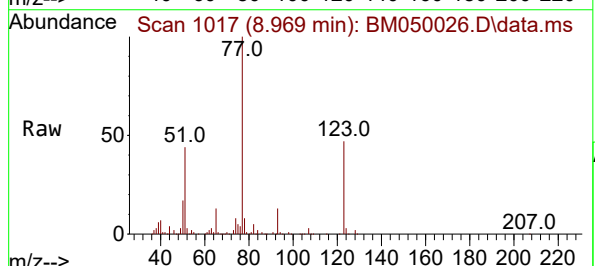
Manual Integrations
APPROVED

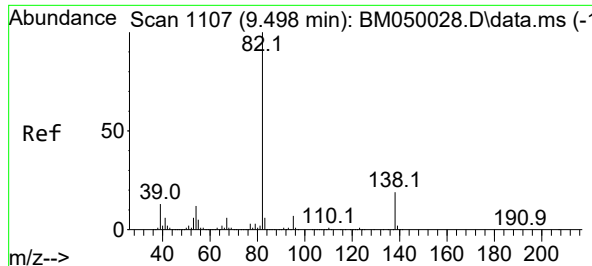
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

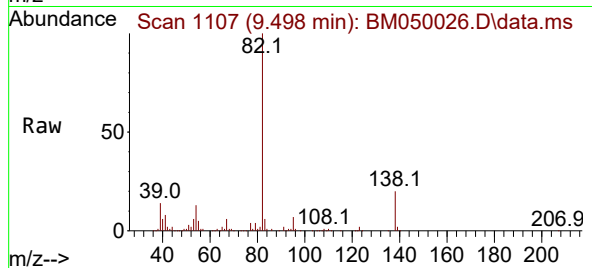
Tgt Ion: 77 Resp: 150534
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 13.0 10.1 15.1





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

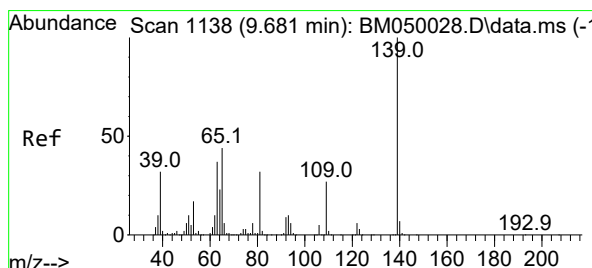
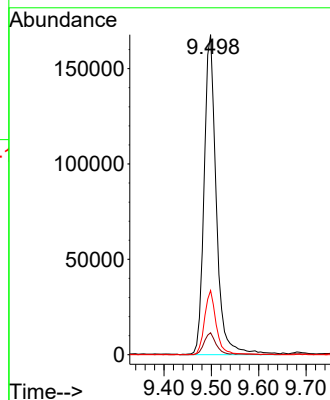
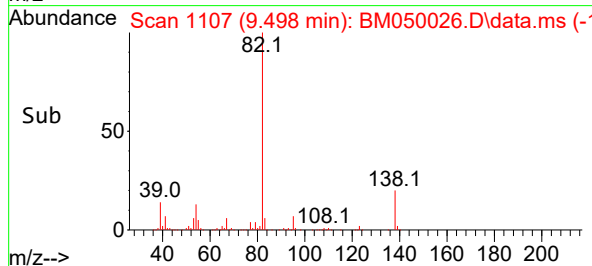
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

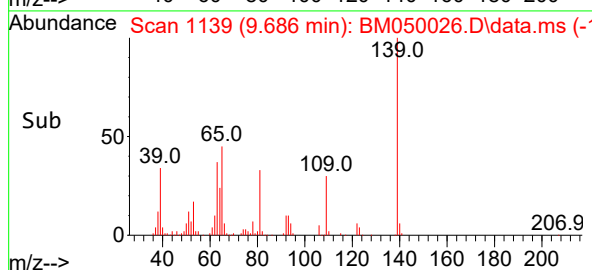
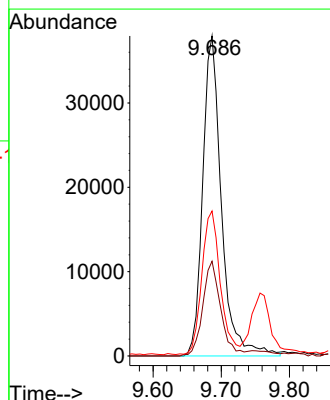
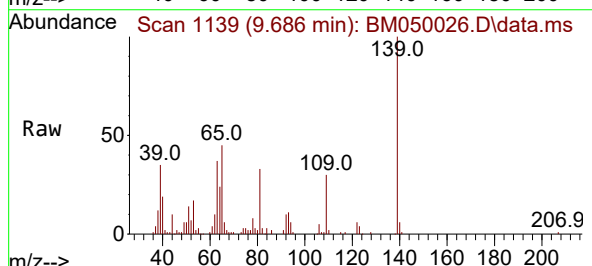
Manual Integrations
APPROVED

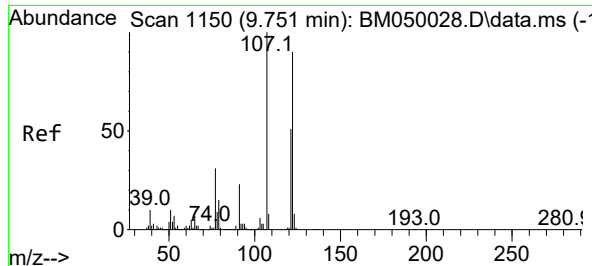
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

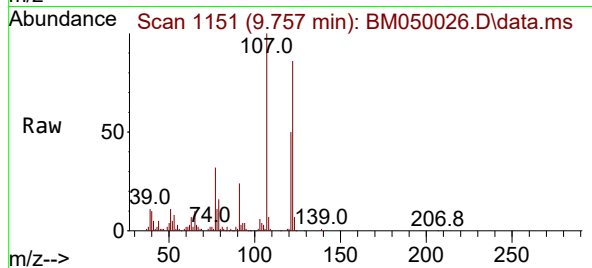
Tgt Ion:139 Resp: 72521
Ion Ratio Lower Upper
139 100
109 29.6 21.9 32.9
65 45.3 35.4 53.2





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

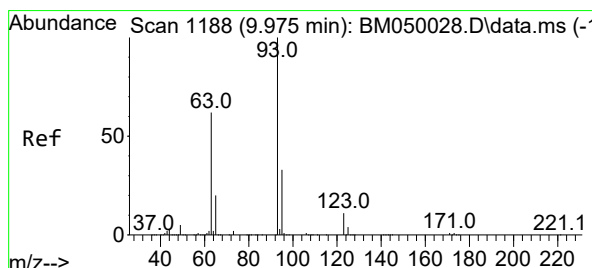
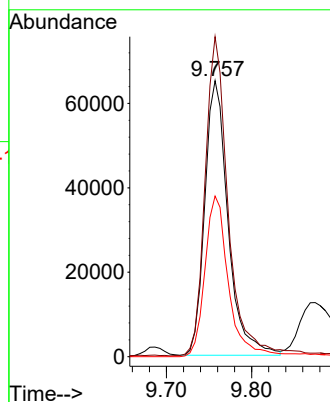
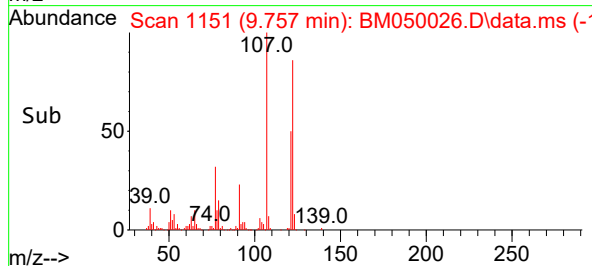
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

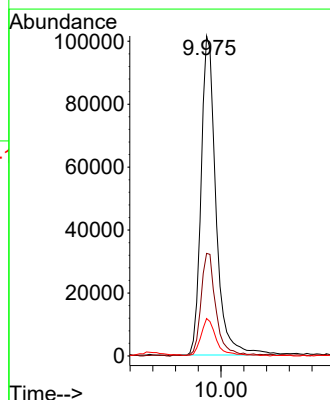
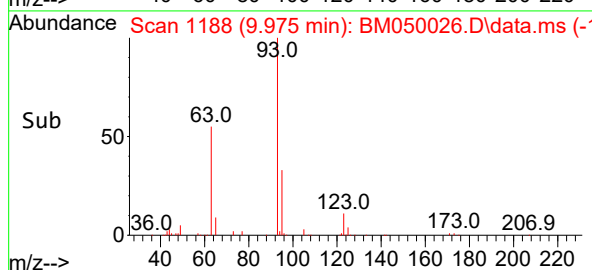
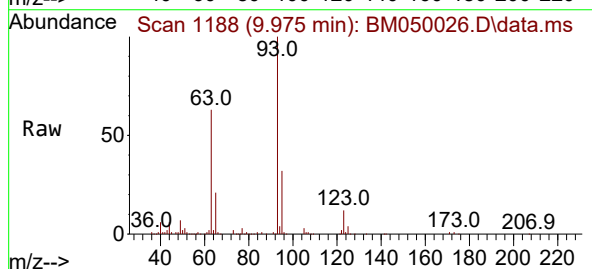
Manual Integrations
APPROVED

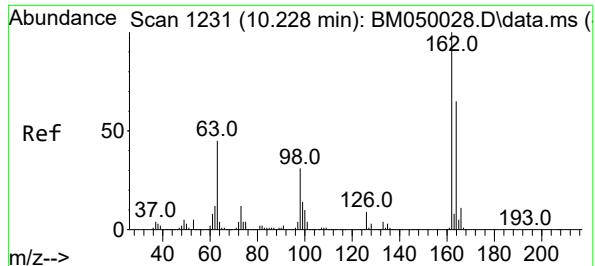
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

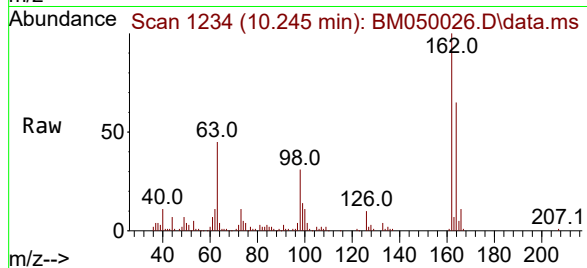
Tgt Ion: 93 Resp: 184837
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.7 9.5 14.3





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

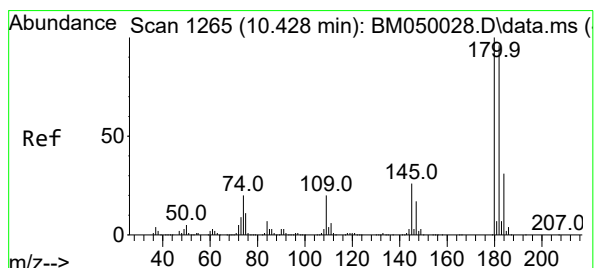
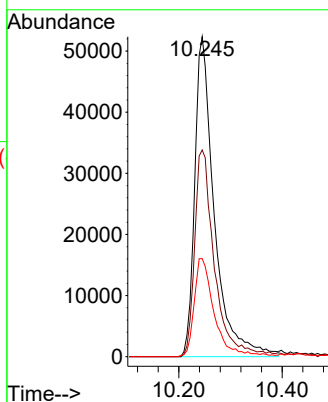
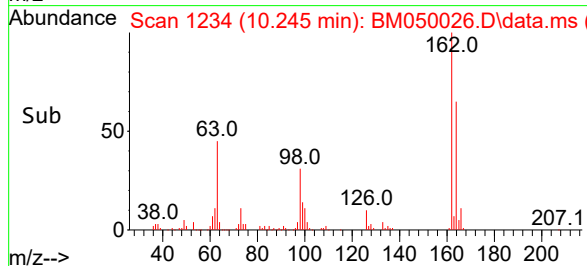
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



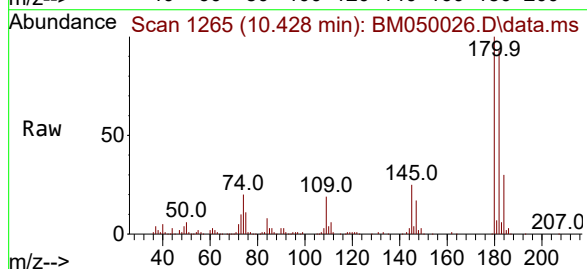
Tgt Ion:162 Resp: 137910
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 30.7 11.3 51.3

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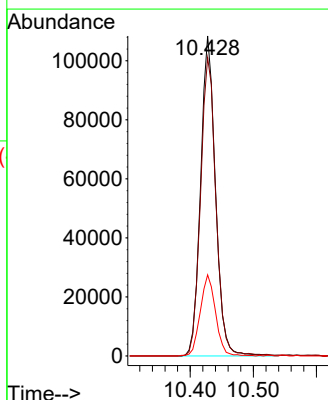
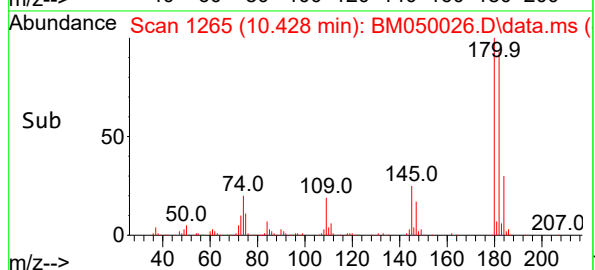
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

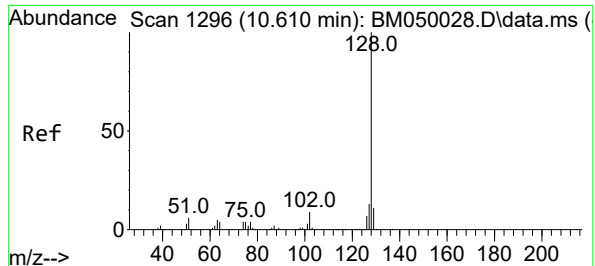


#30
1,2,4-Trichlorobenzene
Concen: 9.453 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



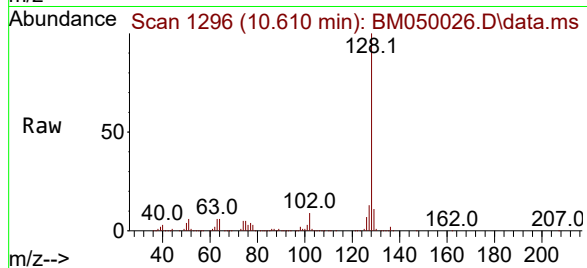
Tgt Ion:180 Resp: 177721
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.4
145 25.3 20.6 30.8





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

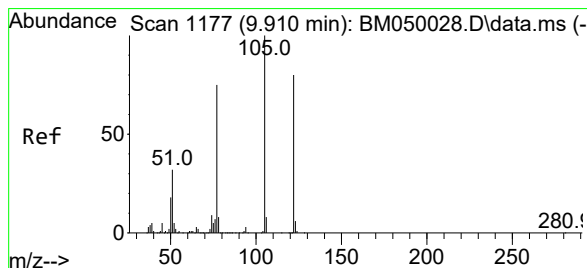
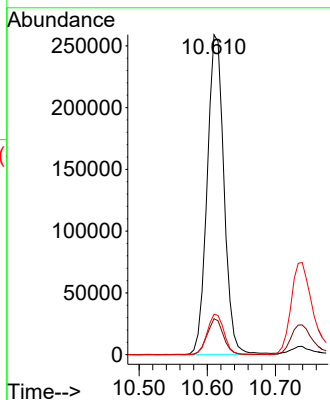
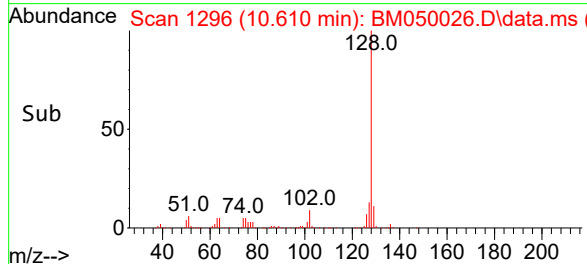
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

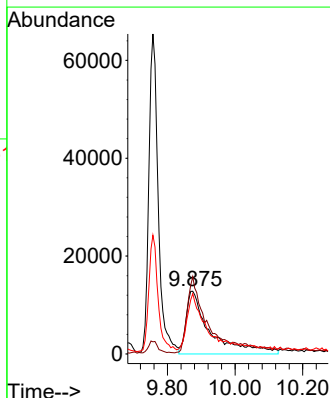
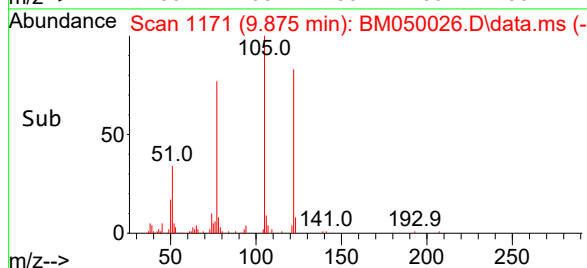
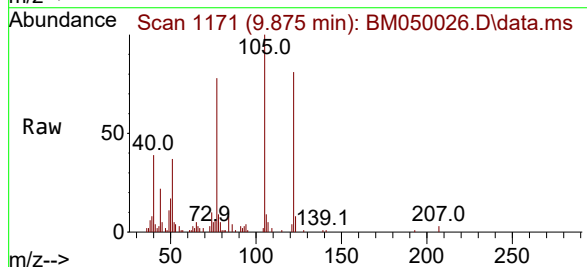
Manual Integrations
APPROVED

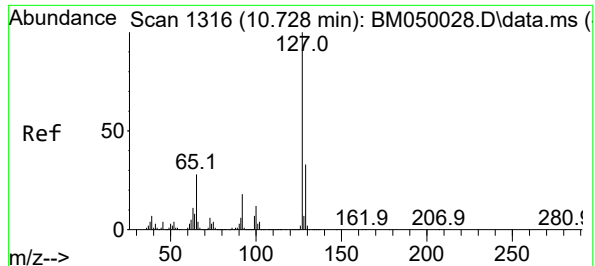
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

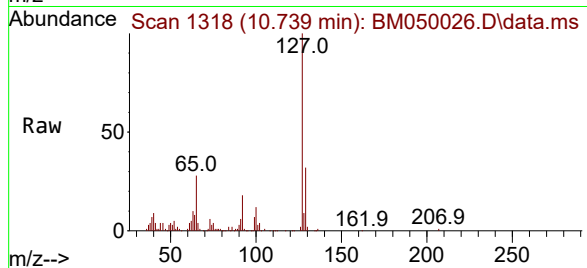
Tgt Ion:122 Resp: 63971
Ion Ratio Lower Upper
122 100
105 123.3 103.6 143.6
77 96.2 73.7 113.7





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

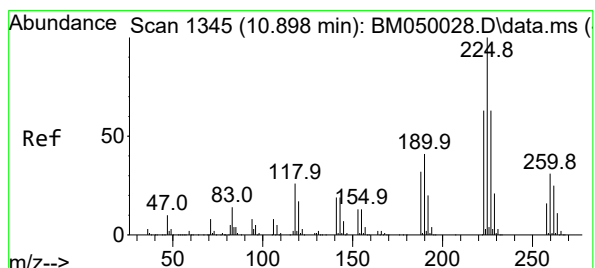
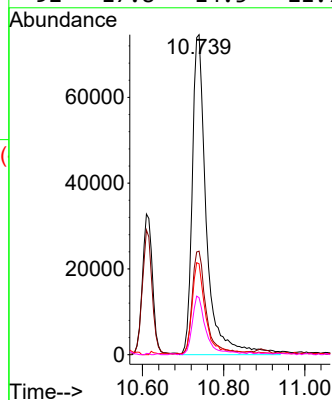
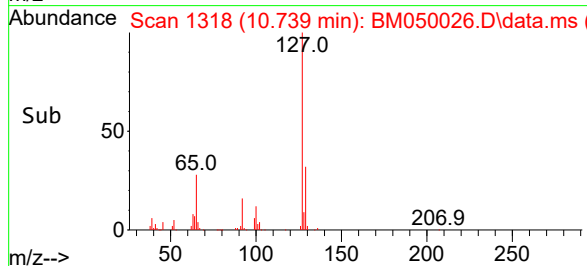
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

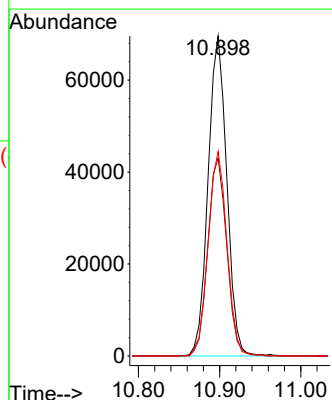
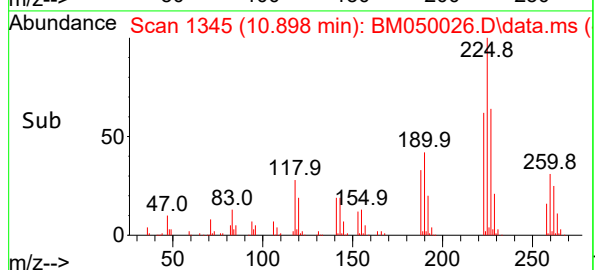
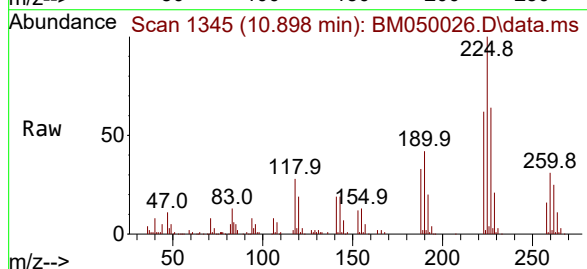
Manual Integrations
APPROVED

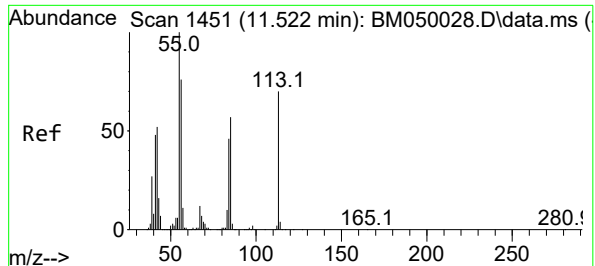
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

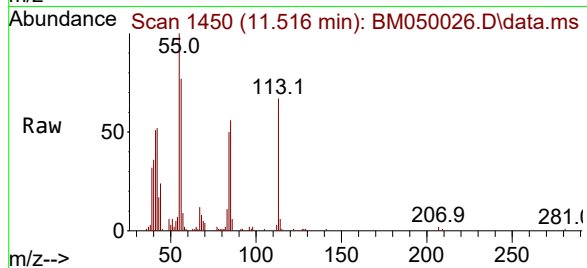
Tgt Ion:225 Resp: 111307
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.2
227 63.9 50.6 76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

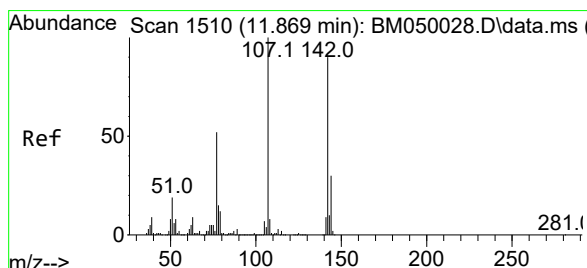
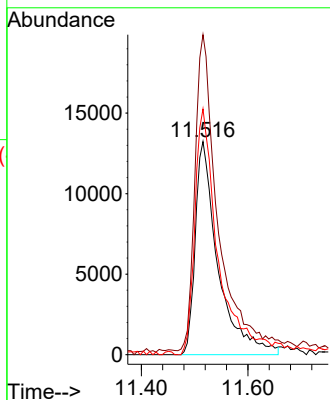
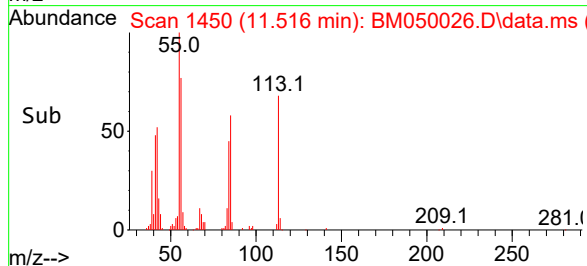
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



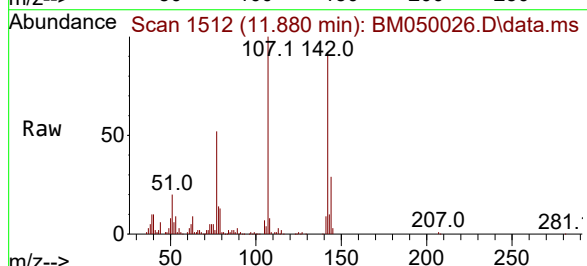
Tgt Ion:113 Resp: 39344
Ion Ratio Lower Upper
113 100
55 150.2 122.9 162.9
56 115.3 88.1 128.1

Manual Integrations
APPROVED

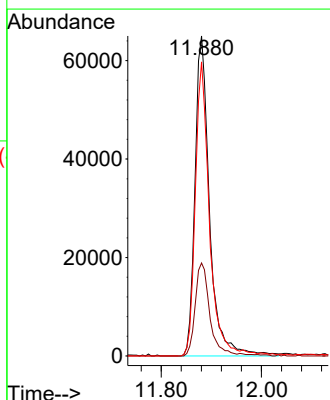
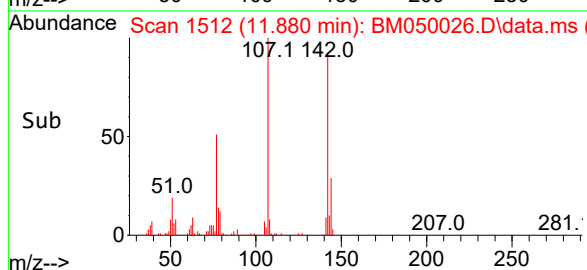
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

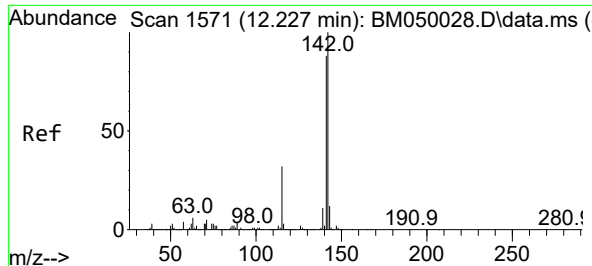


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



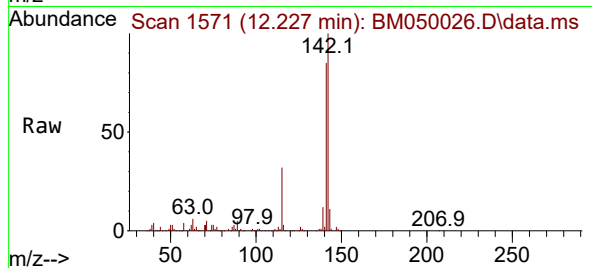
Tgt Ion:107 Resp: 131076
Ion Ratio Lower Upper
107 100
144 29.1 23.8 35.6
142 91.9 71.9 107.9





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

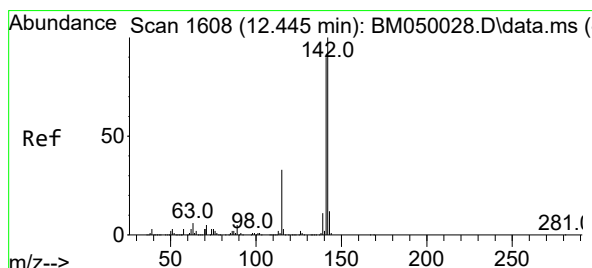
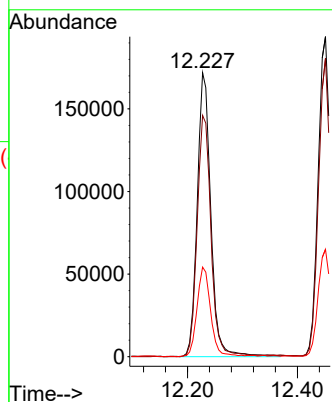
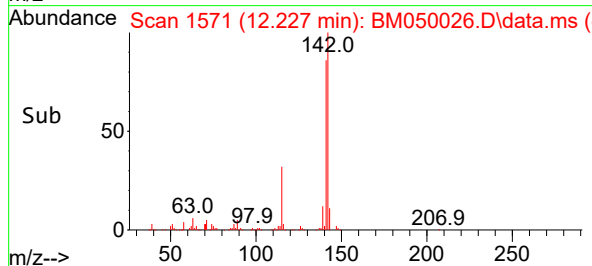
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

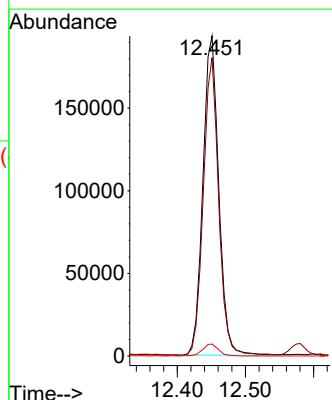
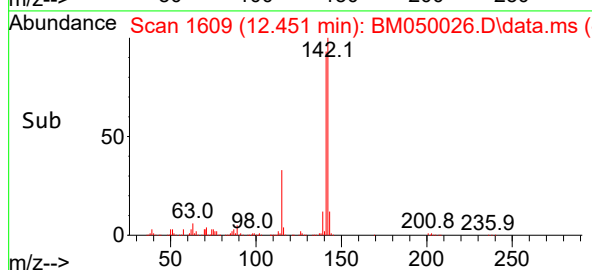
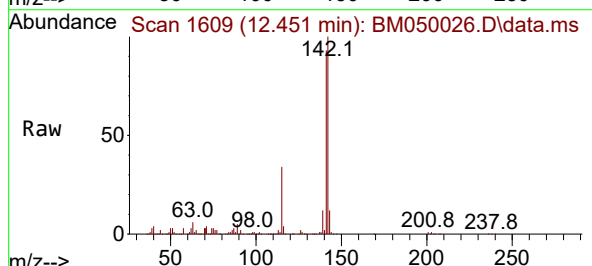
Manual Integrations
APPROVED

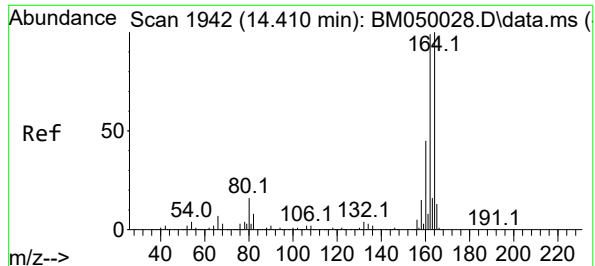
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 636652

Ion Ratio Lower Upper

164 100

162 97.3 79.4 119.0

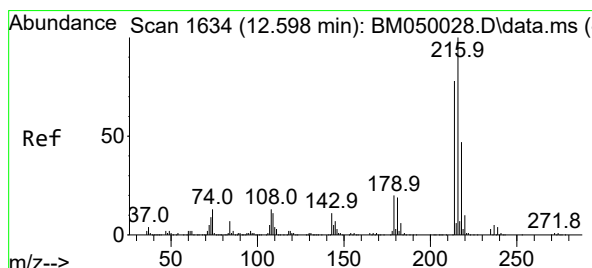
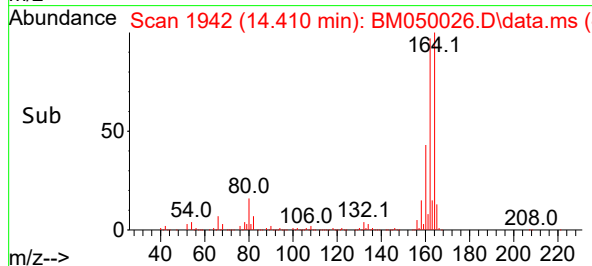
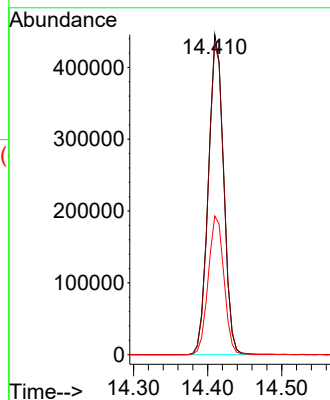
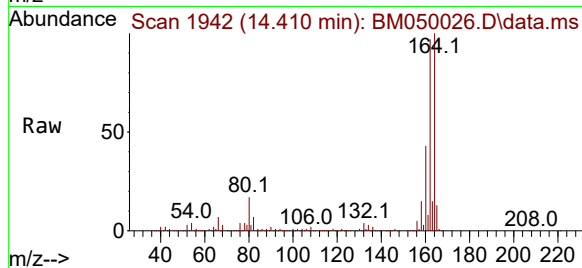
160 43.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.981 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

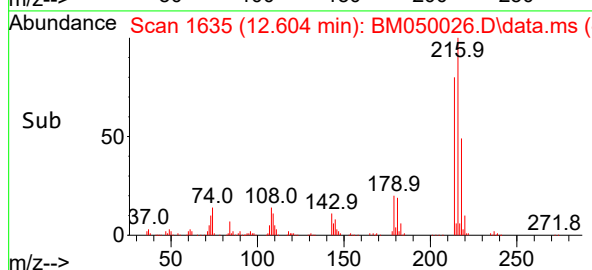
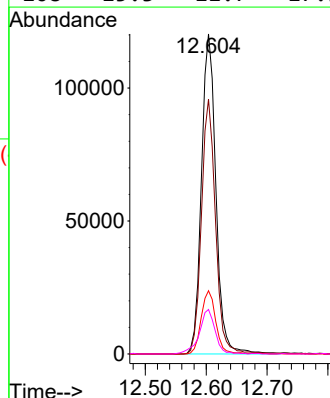
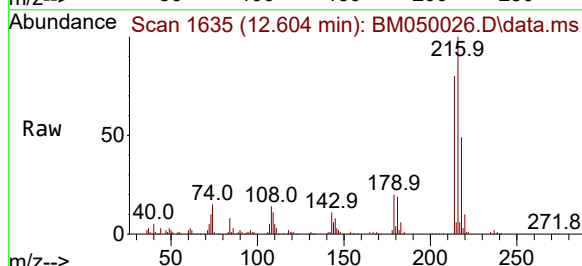
Ion Ratio Lower Upper

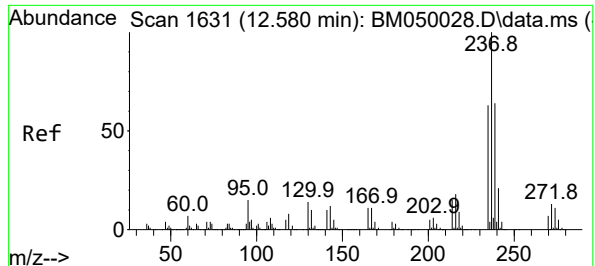
216 100

214 77.7 62.3 93.5

179 20.0 15.4 23.0

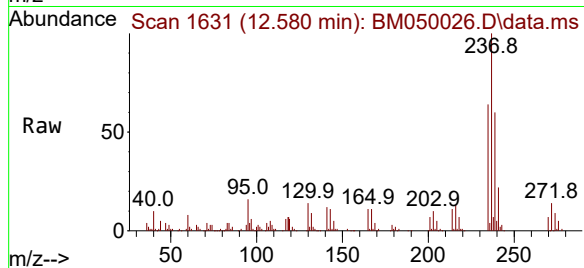
108 15.3 11.7 17.5





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

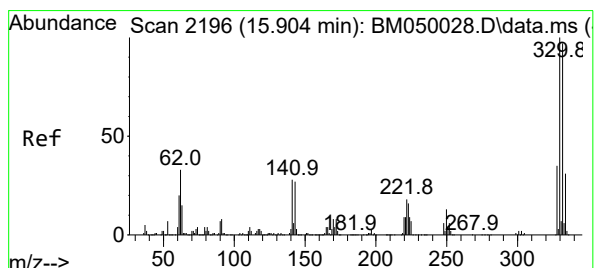
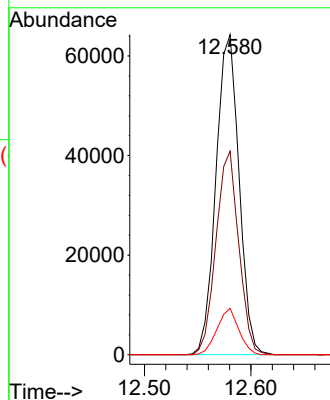
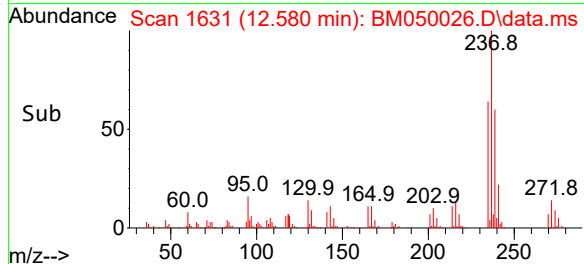
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



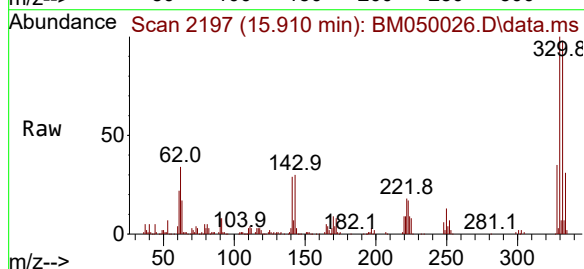
Tgt Ion:237 Resp: 9652
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 14.5 0.0 32.9

Manual Integrations
APPROVED

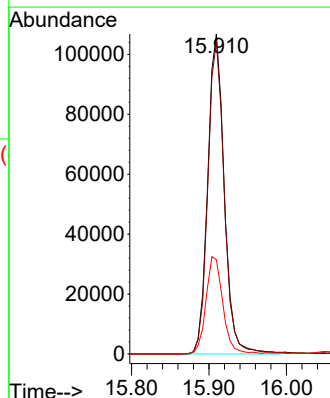
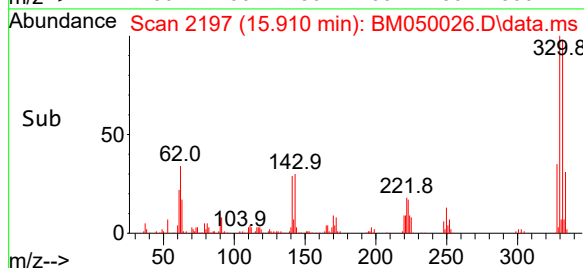
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

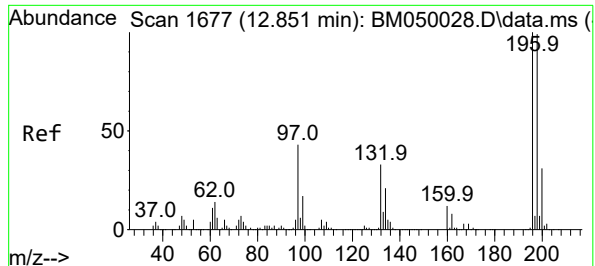


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



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





#43

2,4,6-Trichlorophenol

Concen: 8.673 ng

RT: 12.857 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050026.D

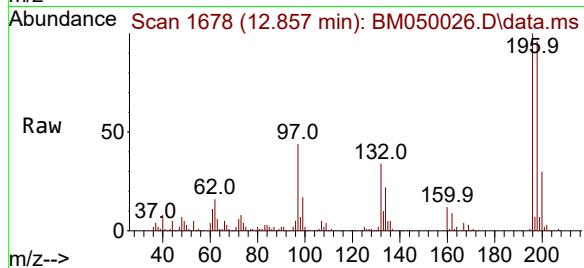
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 121240

Ion Ratio Lower Upper

196 100

198 96.5 79.0 118.6

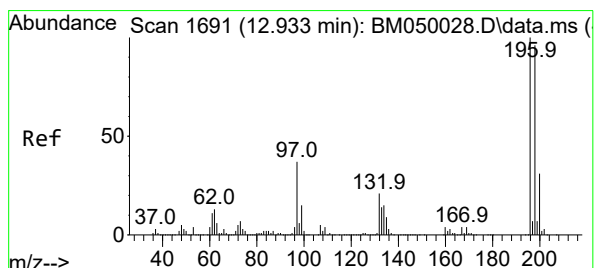
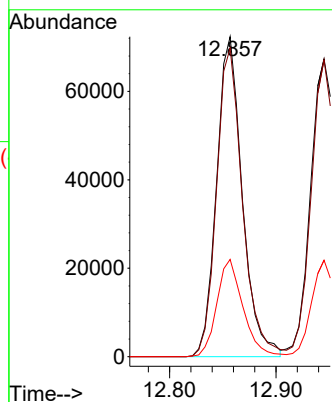
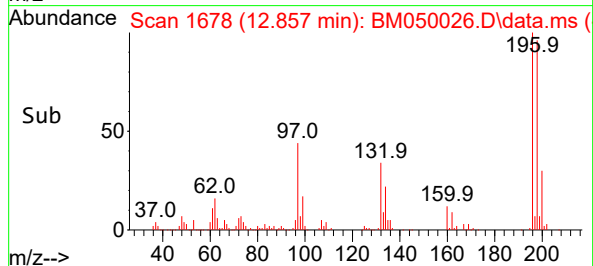
200 30.4 25.1 37.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

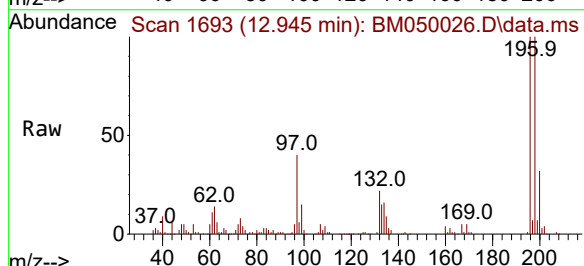
Concen: 8.815 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48



Tgt Ion:196 Resp: 132882

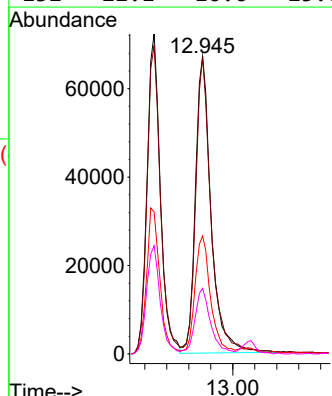
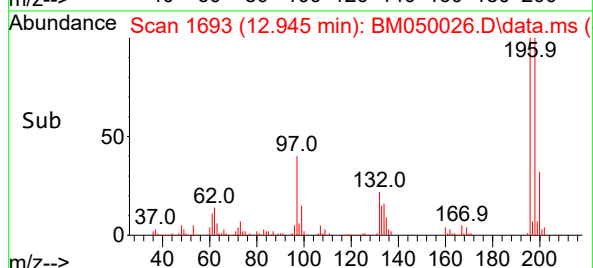
Ion Ratio Lower Upper

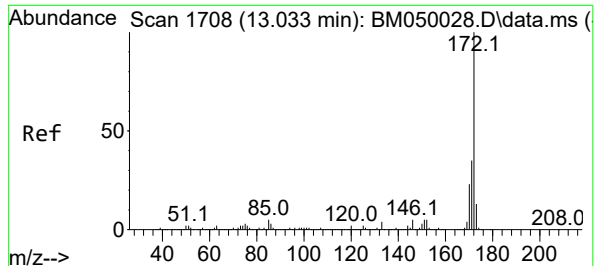
196 100

198 99.7 76.7 115.1

97 39.6 30.1 45.1

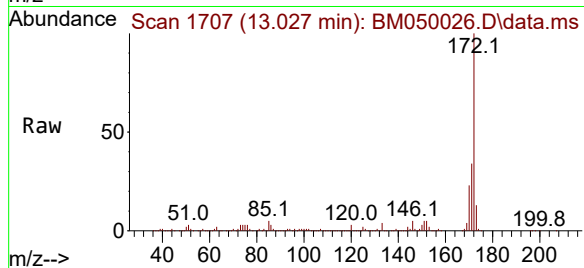
132 22.1 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 18.394 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

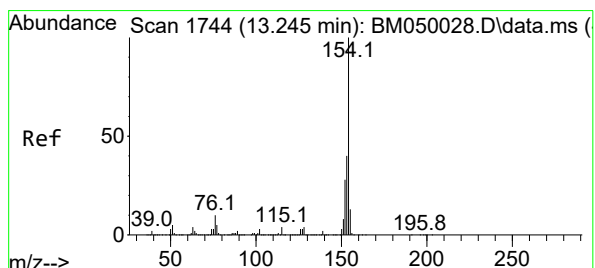
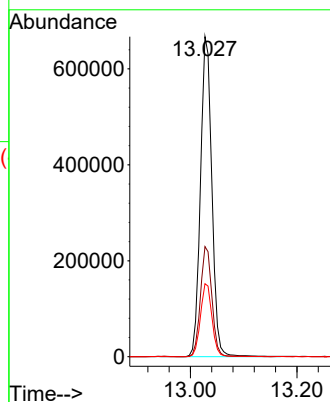
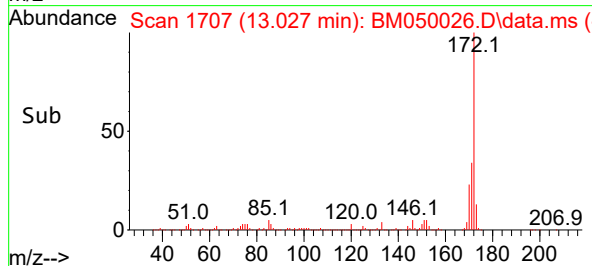
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



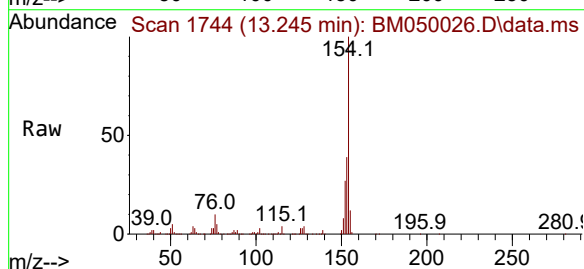
Tgt Ion:172 Resp: 98991
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.8 18.6 28.0

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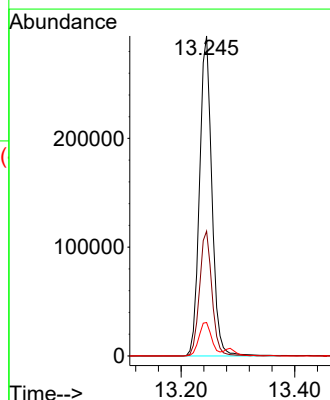
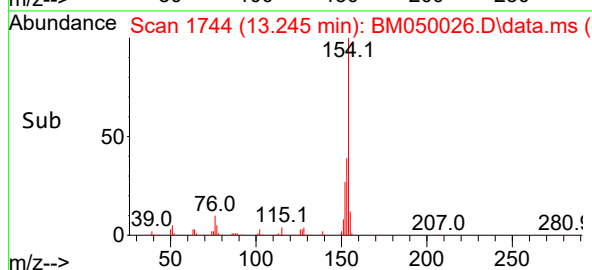
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

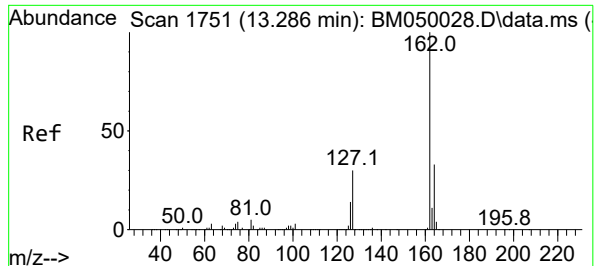


#46
1,1'-Biphenyl
Concen: 9.381 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



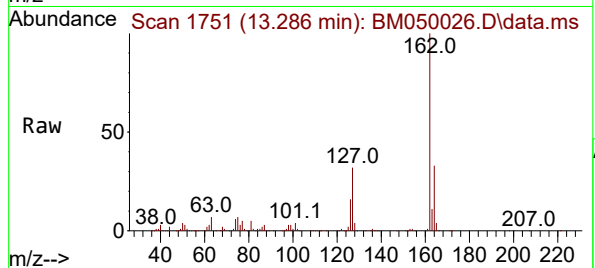
Tgt Ion:154 Resp: 443960
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 10.4 0.0 30.3





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

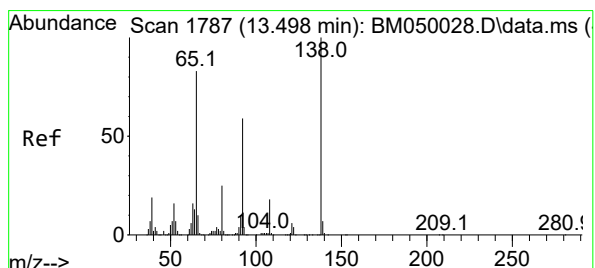
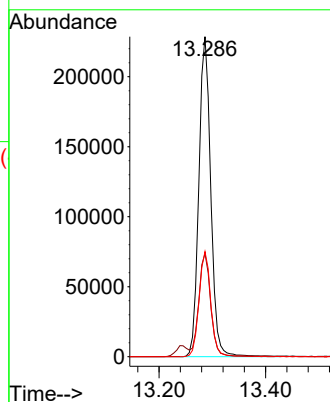
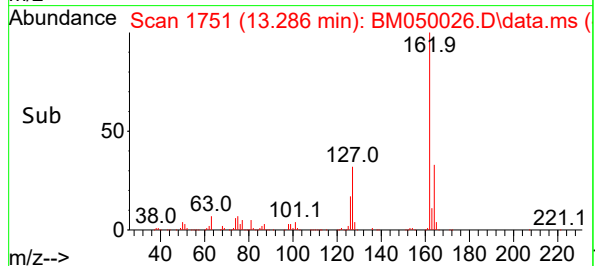
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

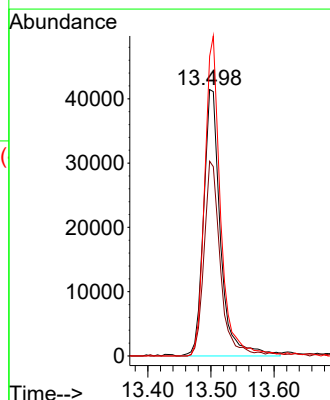
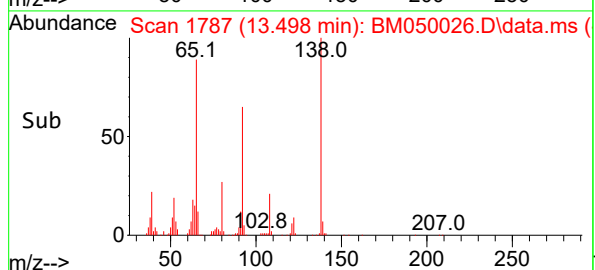
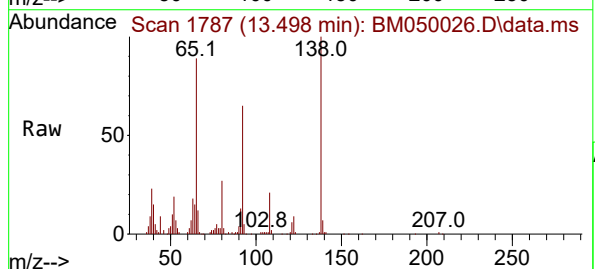
Manual Integrations
APPROVED

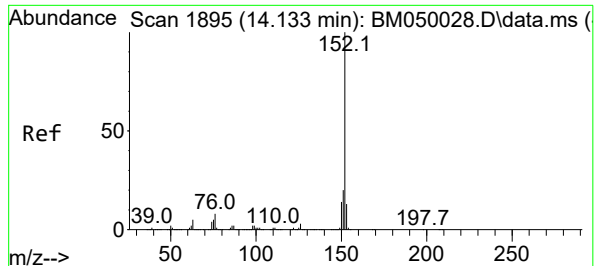
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

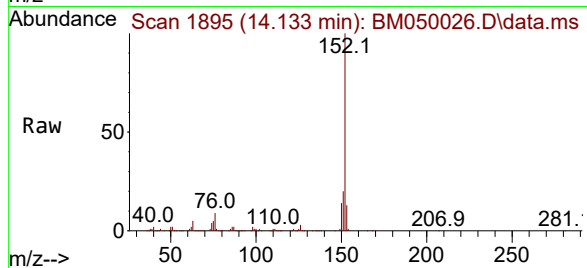
Tgt Ion: 65 Resp: 77101
Ion Ratio Lower Upper
65 100
92 73.1 57.1 85.7
138 112.5 97.0 145.4





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

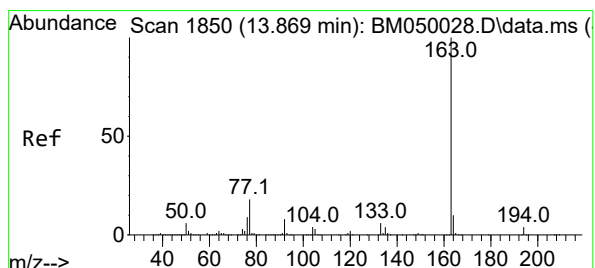
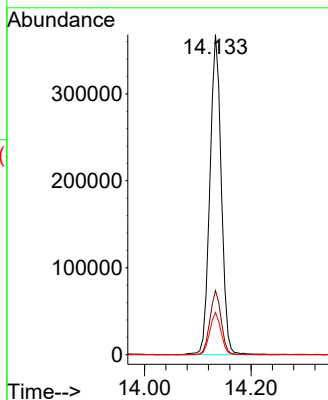
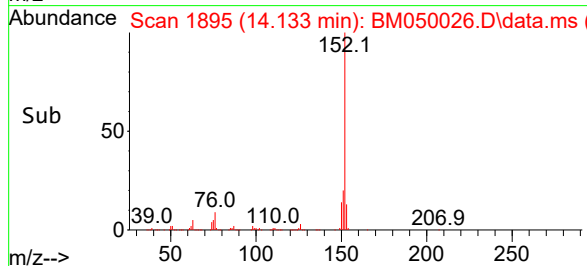
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



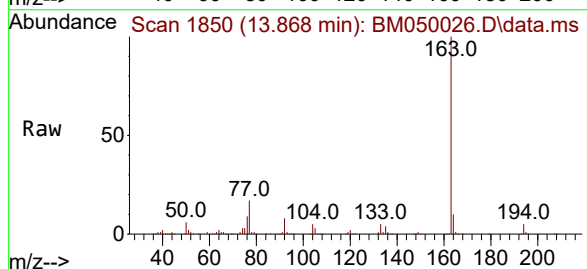
Tgt Ion:152 Resp: 545774
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8

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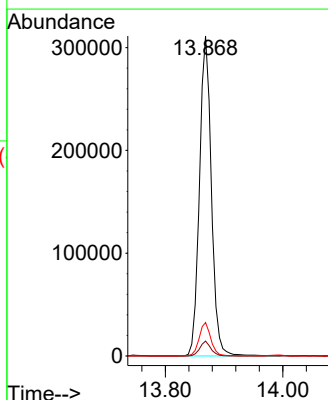
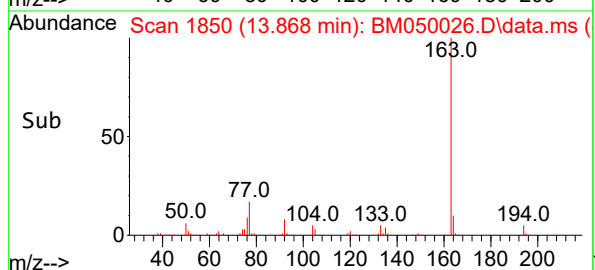
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

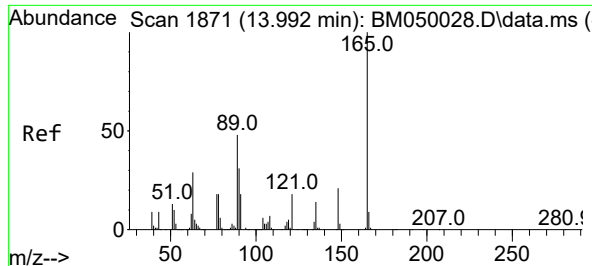


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



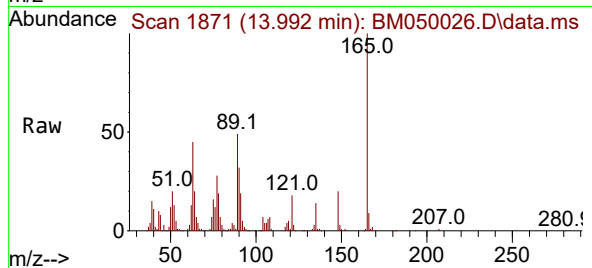
Tgt Ion:163 Resp: 438261
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.2 12.2





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

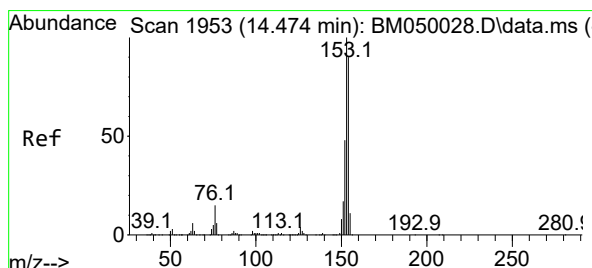
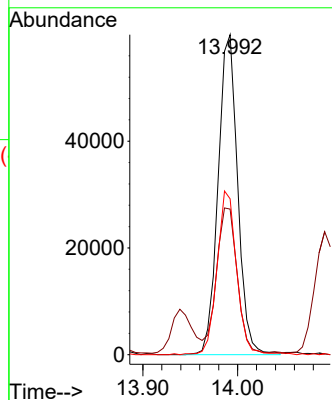
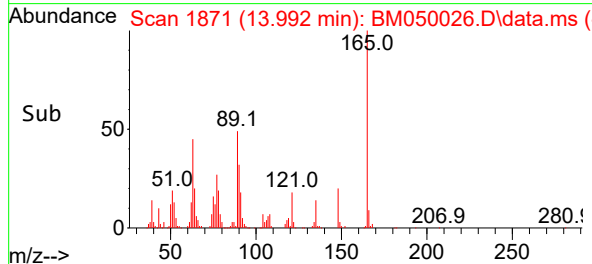
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



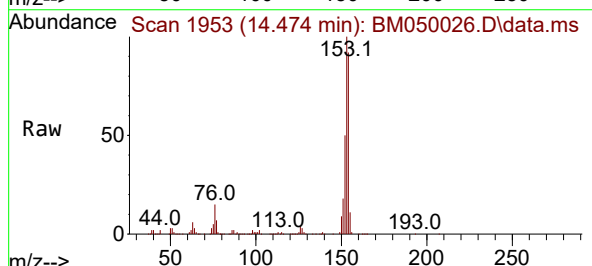
Tgt Ion:165 Resp: 8624
Ion Ratio Lower Upper
165 100
63 45.5 35.1 52.7
89 48.7 38.4 57.6

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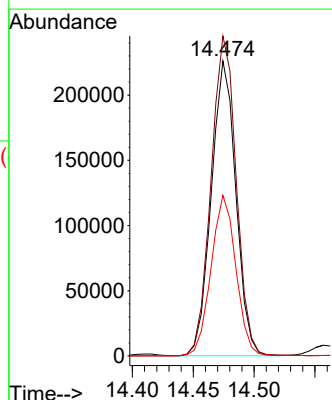
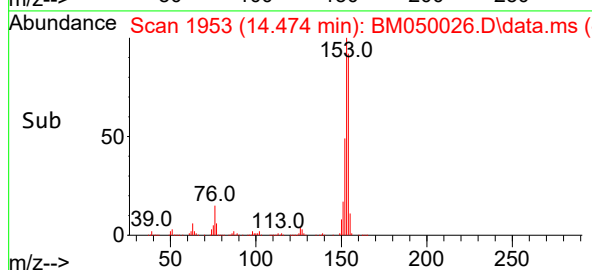
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

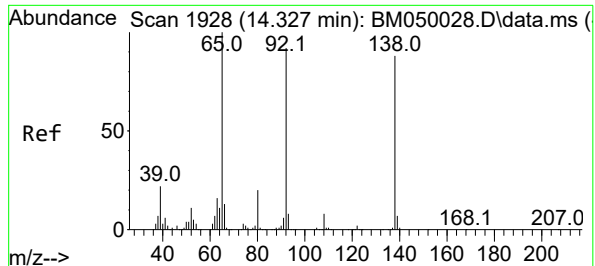


#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



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





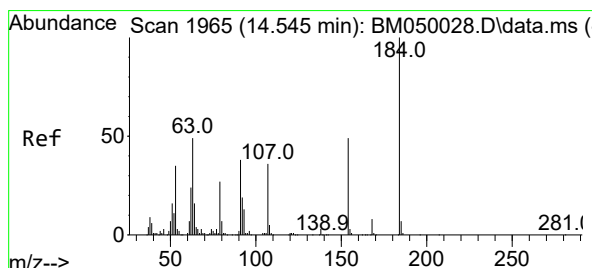
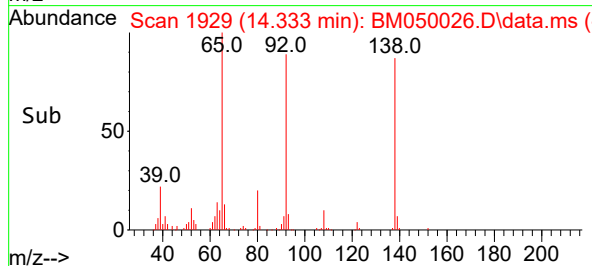
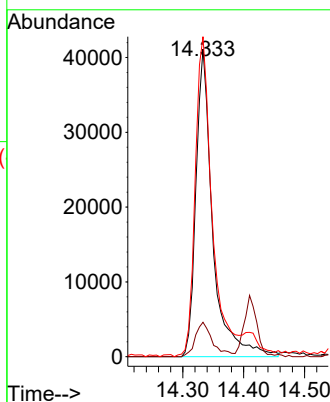
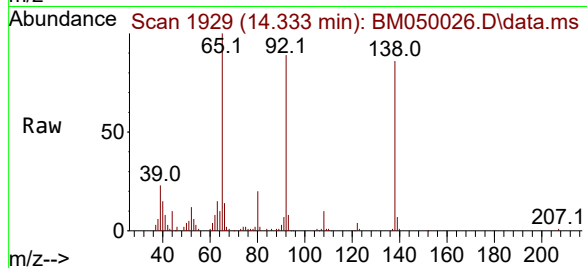
#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

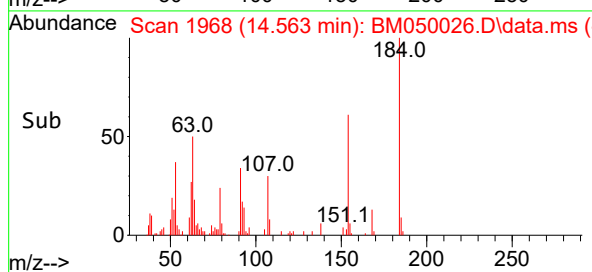
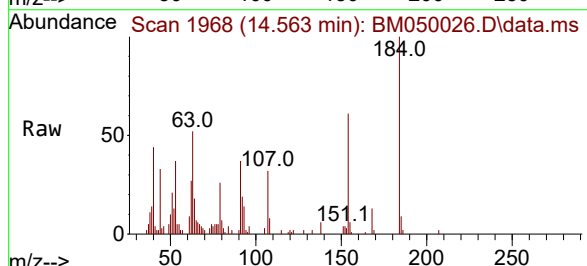
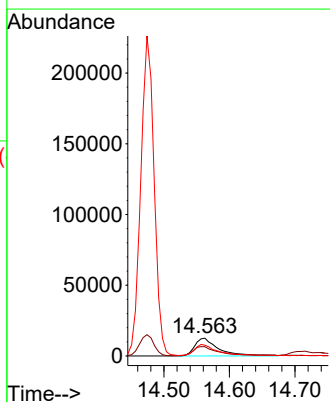
Manual Integrations
APPROVED

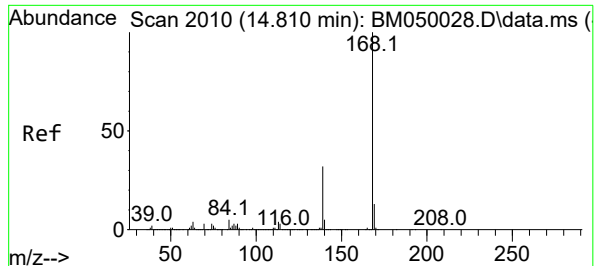
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

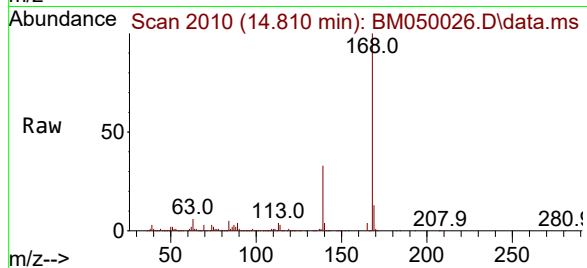
Tgt Ion:184 Resp: 31979
Ion Ratio Lower Upper
184 100
63 52.1 39.8 59.6
154 60.9 46.1 69.1





#55
Dibenzofuran
Concen: 9.401 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

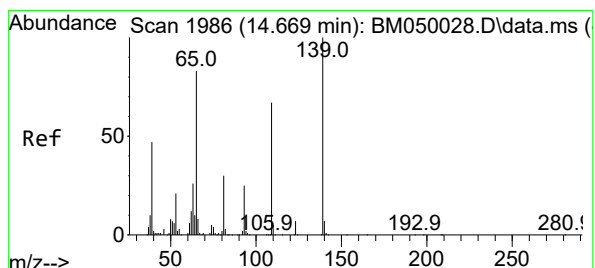
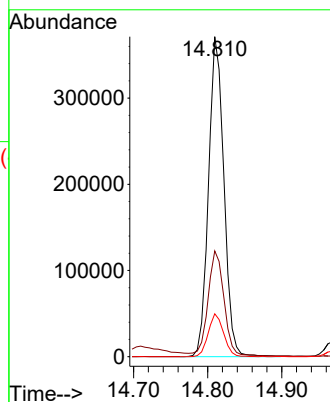
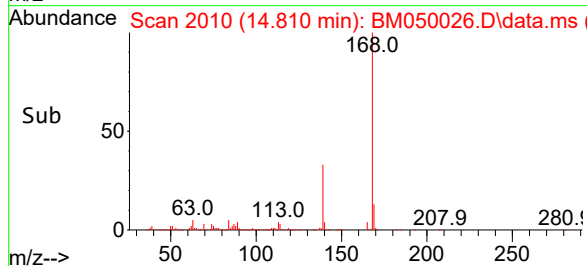
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



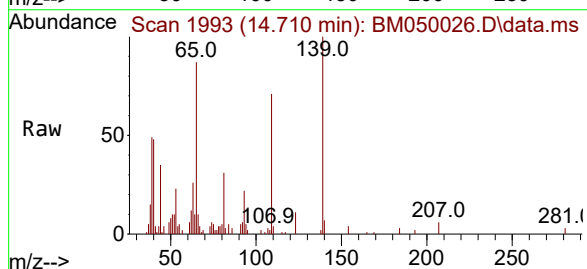
Tgt Ion:168 Resp: 53502
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.4 10.8 16.2

Manual Integrations
APPROVED

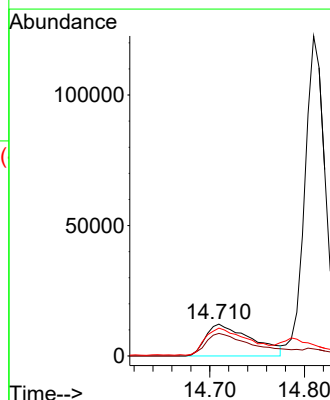
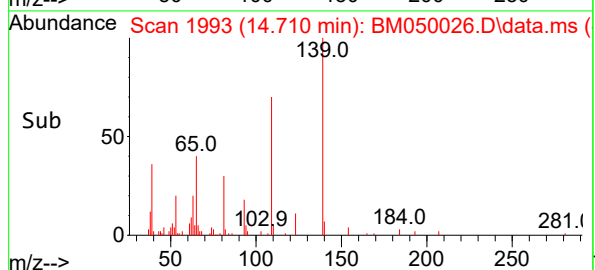
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

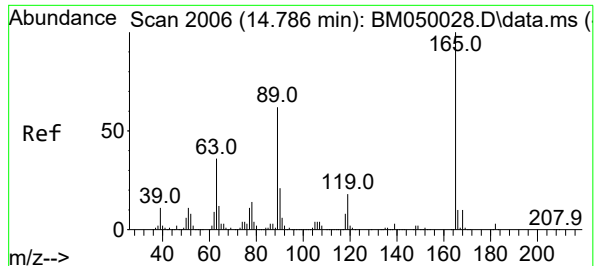


#56
4-Nitrophenol
Concen: 9.668 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



Tgt Ion:139 Resp: 40722
Ion Ratio Lower Upper
139 100
109 70.7 47.0 87.0
65 87.5 64.3 104.3





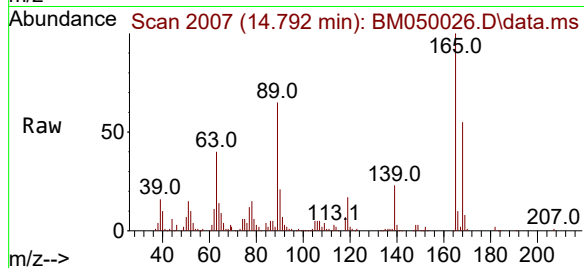
#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

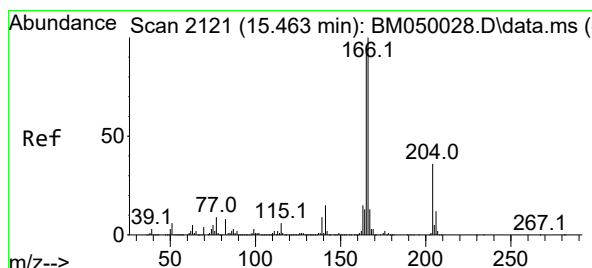
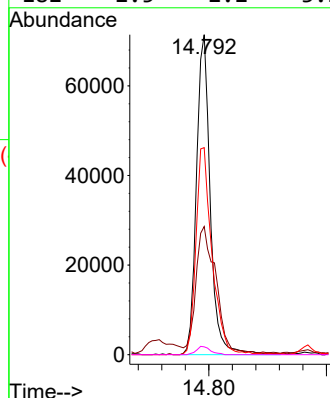
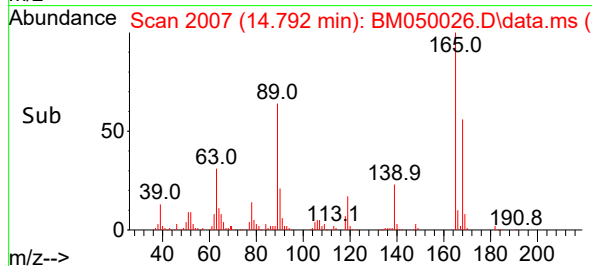


Tgt Ion:165 Resp: 116470
Ion Ratio Lower Upper
165 100
63 40.1 29.0 43.6
89 64.7 49.4 74.2
182 2.5 2.2 3.2

Manual Integrations

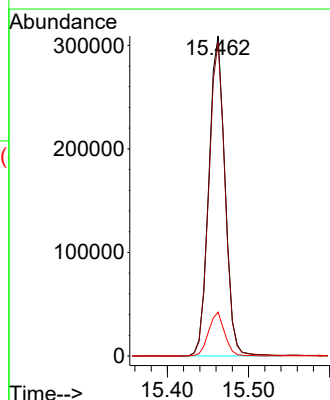
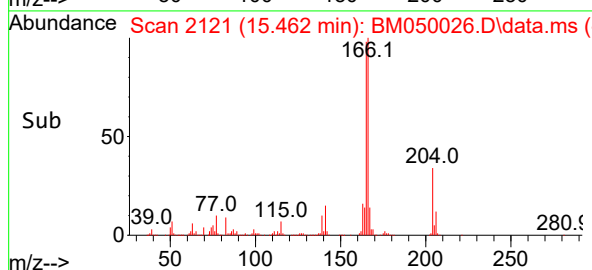
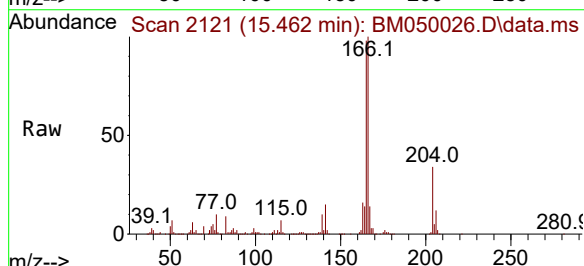
APPROVED

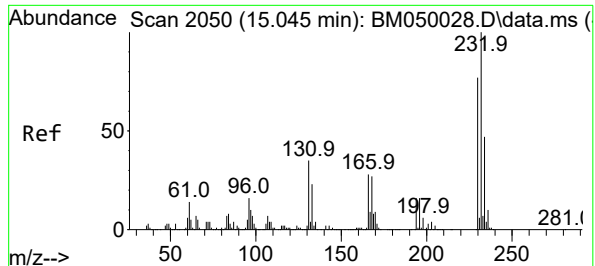
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

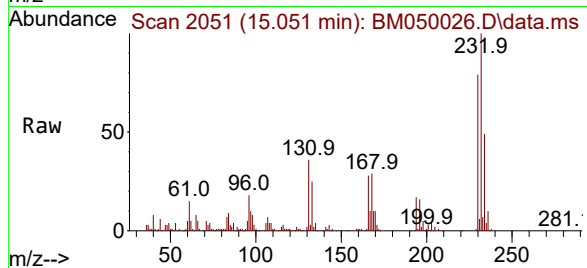
Tgt Ion:166 Resp: 427384
Ion Ratio Lower Upper
166 100
165 98.0 76.6 115.0
167 13.7 10.6 16.0





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

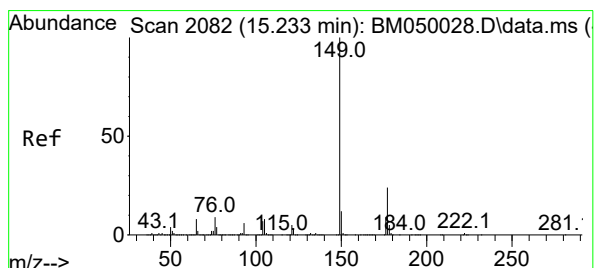
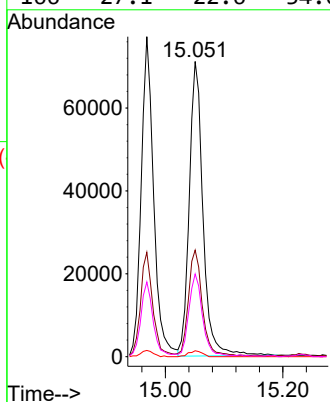
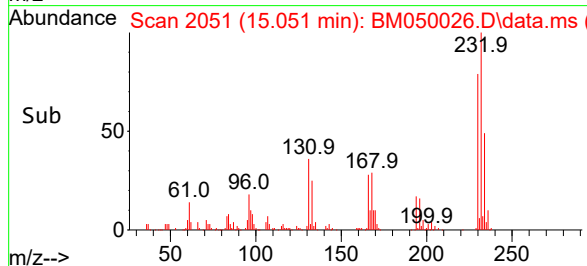
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

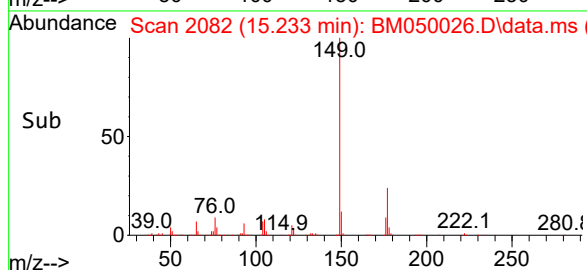
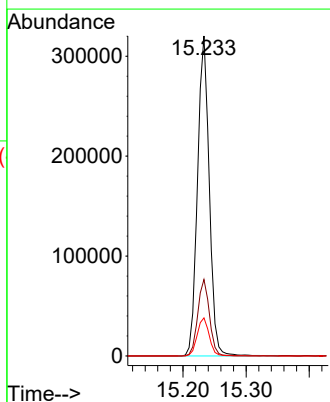
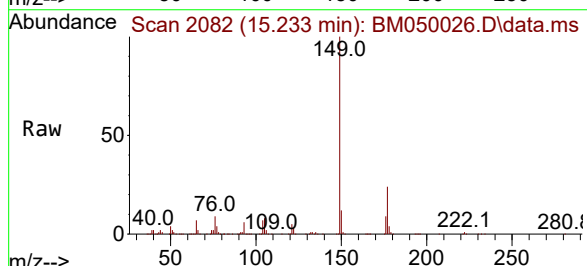
Manual Integrations
APPROVED

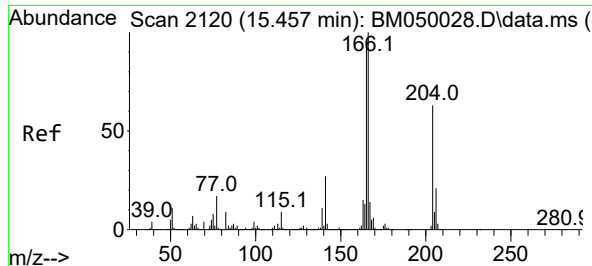
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

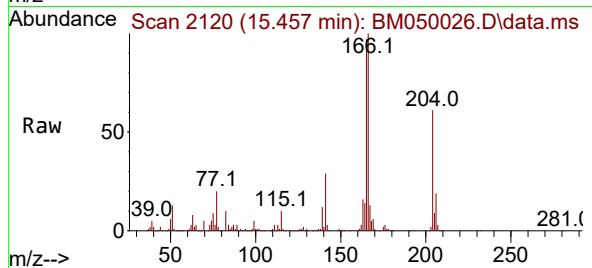
Tgt Ion:149 Resp: 414149
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 11.9 9.6 14.4





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

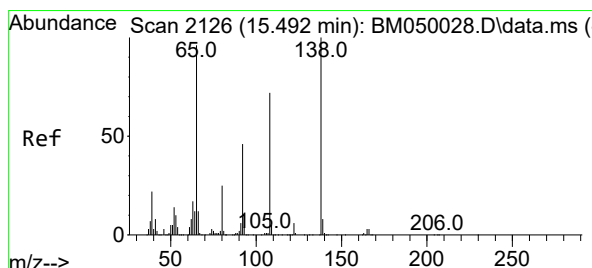
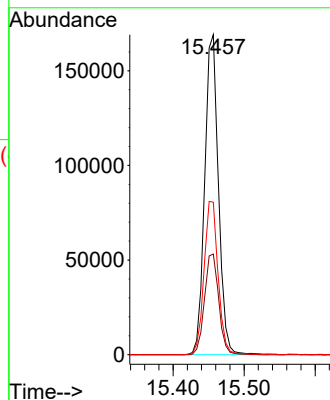
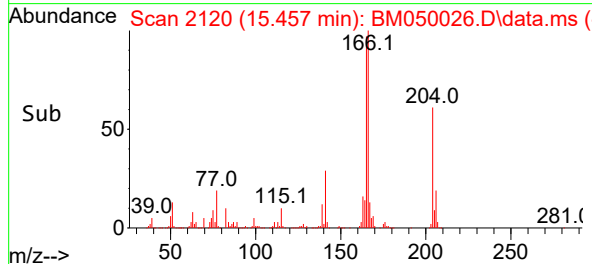
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

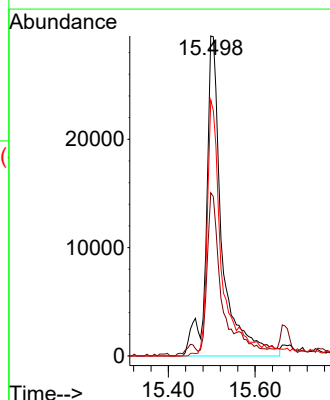
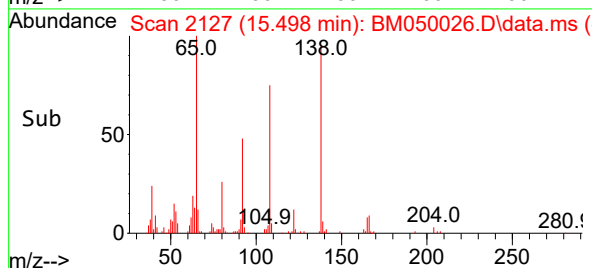
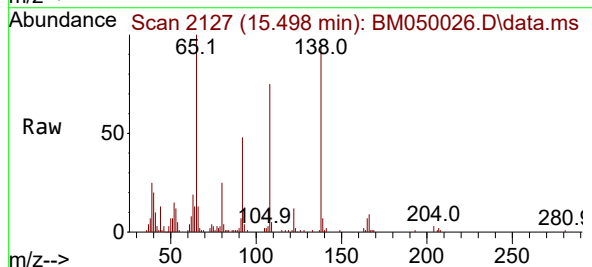
Manual Integrations
APPROVED

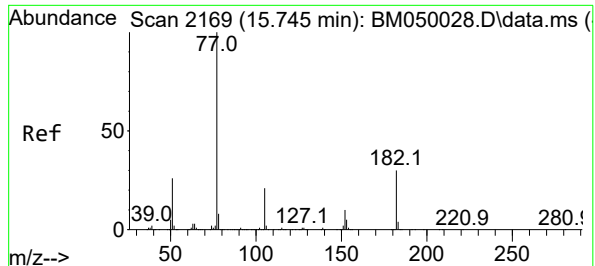
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

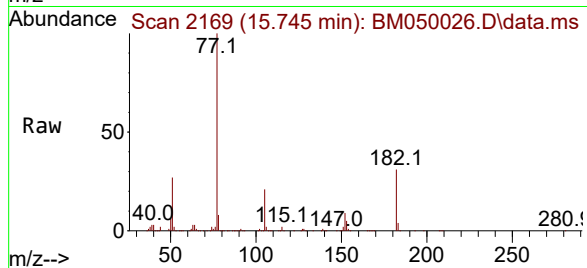
Tgt Ion:138 Resp: 74565
Ion Ratio Lower Upper
138 100
92 51.0 25.9 65.9
108 80.0 52.4 92.4





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

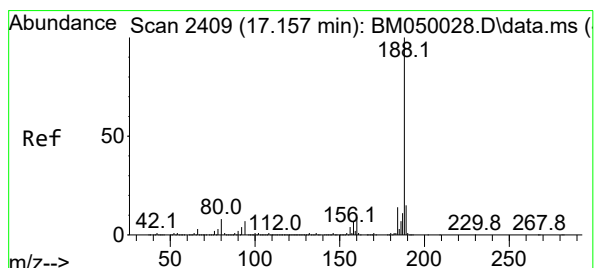
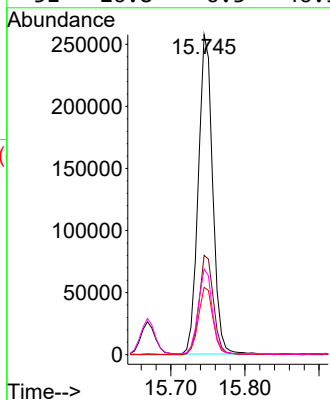
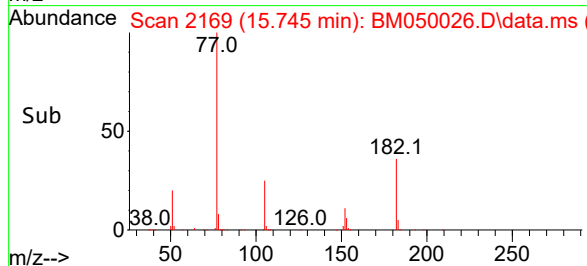
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

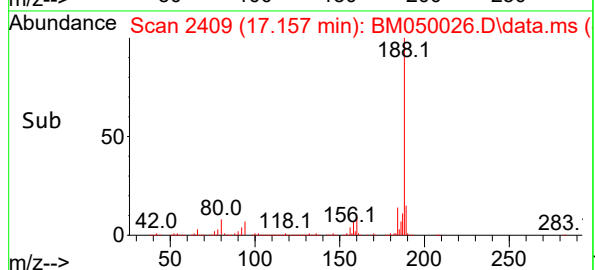
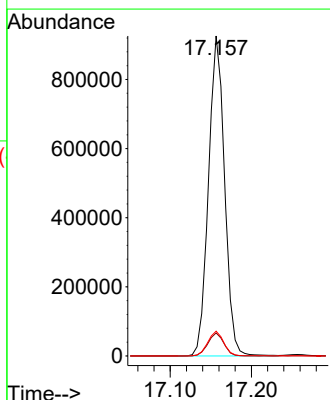
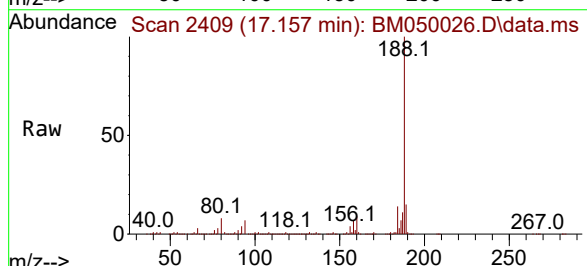
Manual Integrations
APPROVED

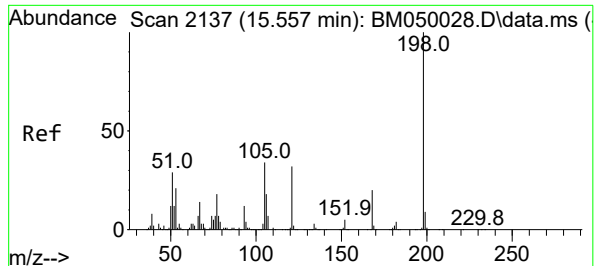
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

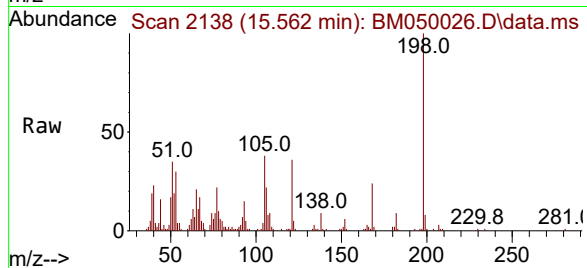
Tgt Ion:188 Resp: 1274608
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.8 6.2 9.4





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

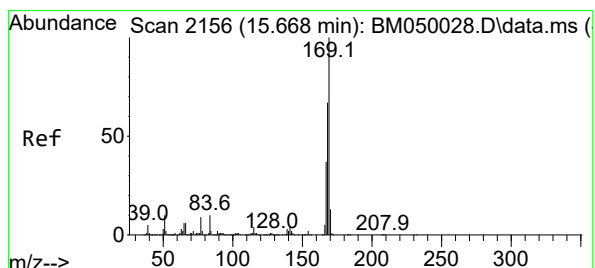
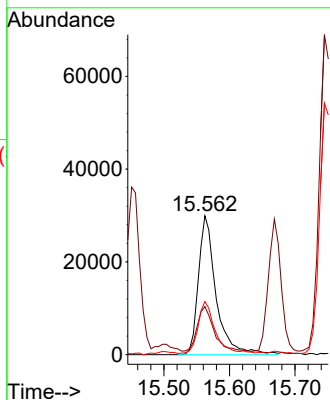
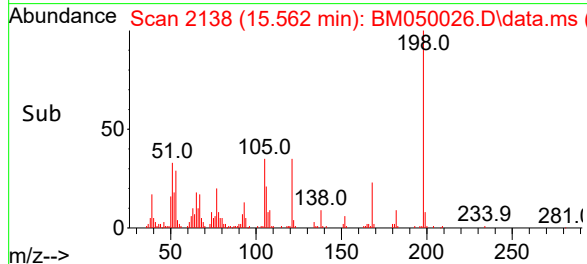
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

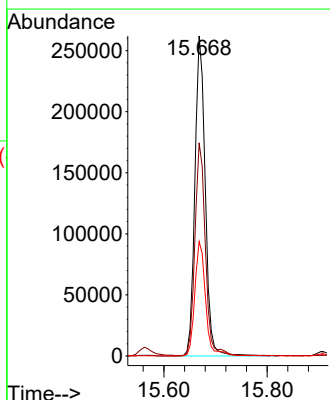
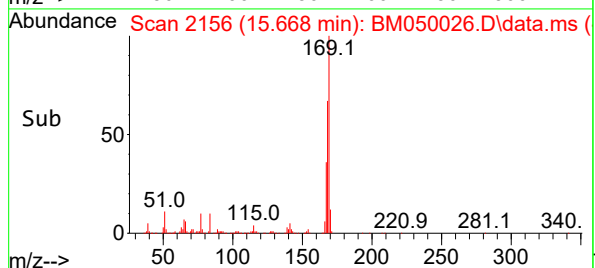
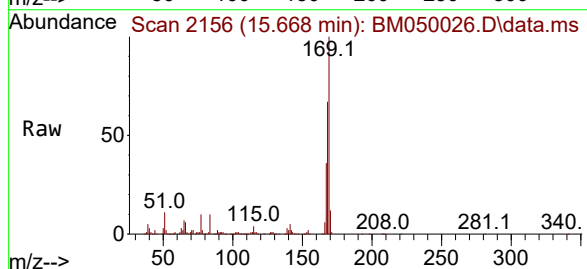
Manual Integrations
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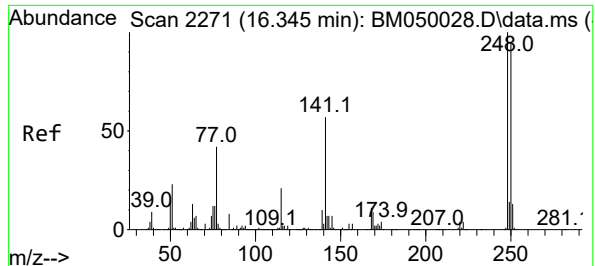
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

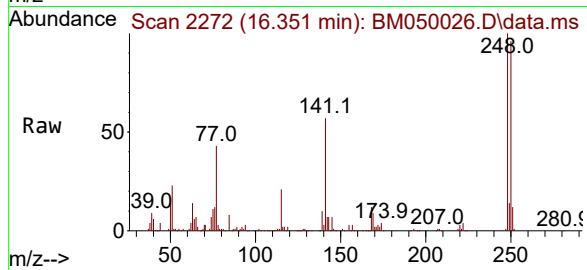
Tgt Ion:169 Resp: 364601
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.8 29.4 44.0





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

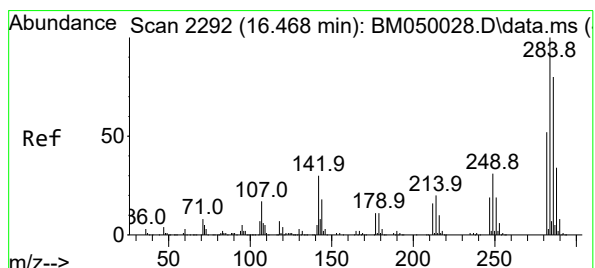
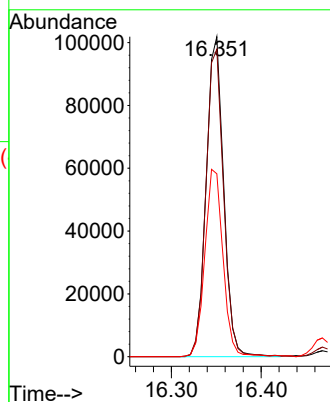
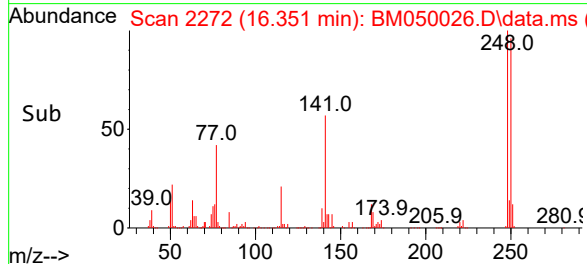
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

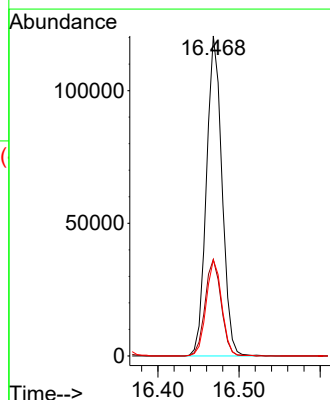
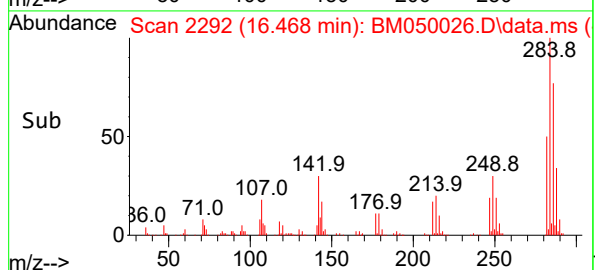
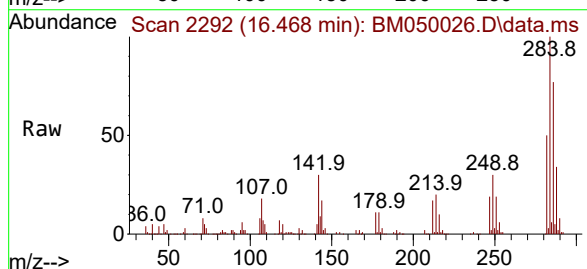
Manual Integrations
APPROVED

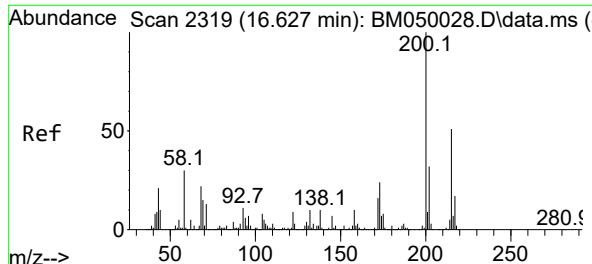
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

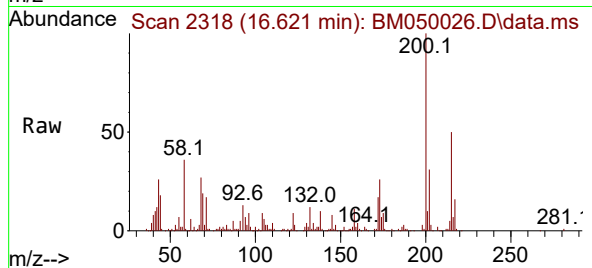
Tgt Ion:284 Resp: 160195
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 30.0 24.5 36.7





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

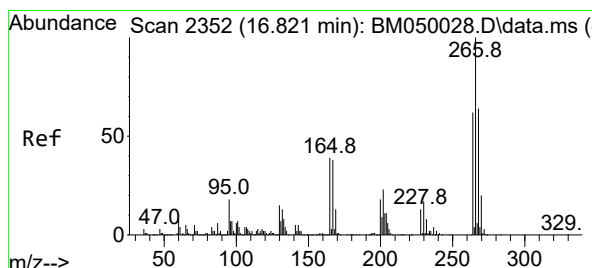
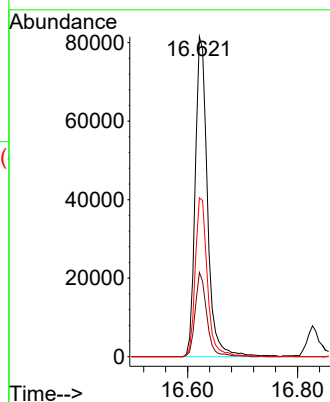
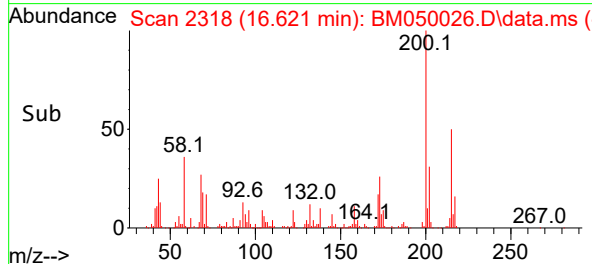
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010



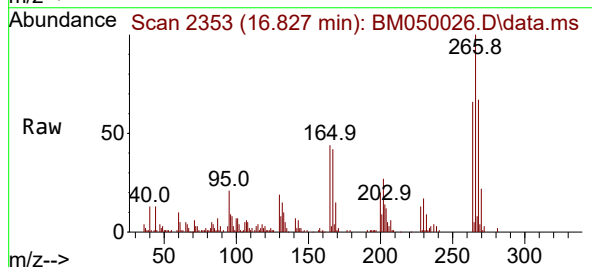
Tgt Ion:200 Resp: 12616
 Ion Ratio Lower Upper
 200 100
 173 26.3 4.3 44.3
 215 49.6 30.6 70.6

Manual Integrations
 APPROVED

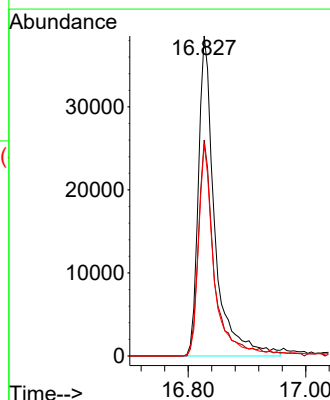
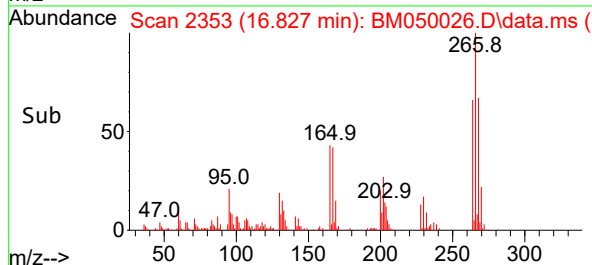
Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

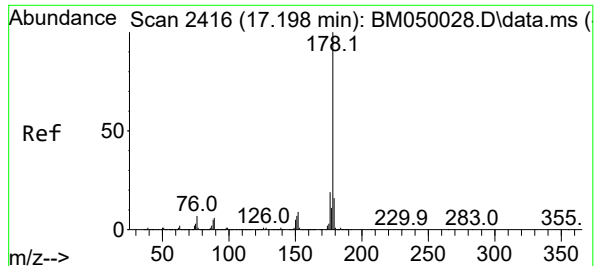


#70
 Pentachlorophenol
 Concen: 7.483 ng
 RT: 16.827 min Scan# 2353
 Delta R.T. 0.006 min
 Lab File: BM050026.D
 Acq: 28 Apr 2025 13:48



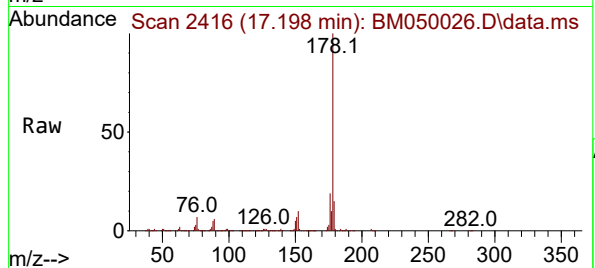
Tgt Ion:266 Resp: 74839
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.2 76.8
 264 66.3 49.6 74.4





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

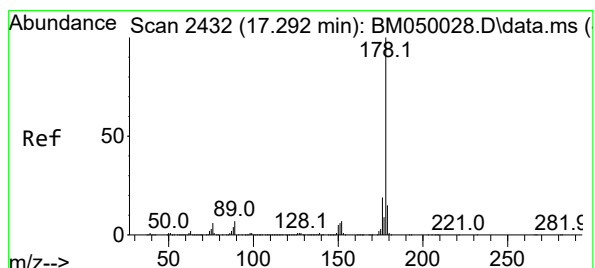
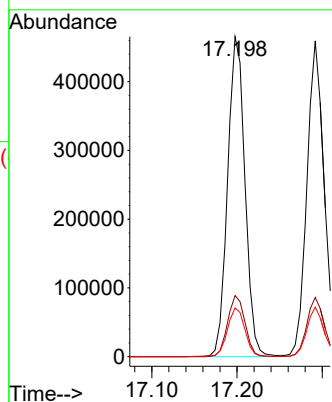
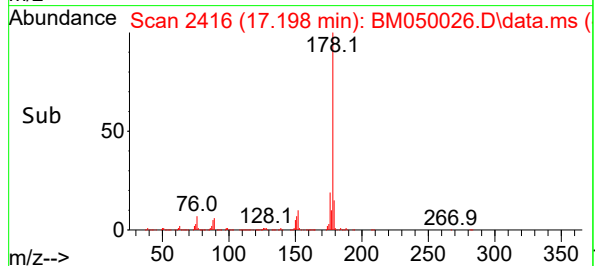
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

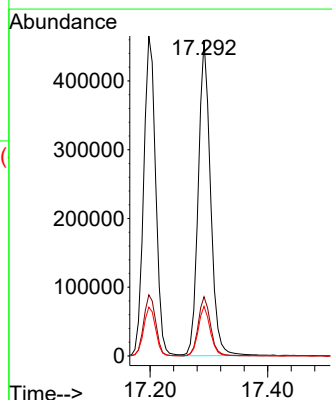
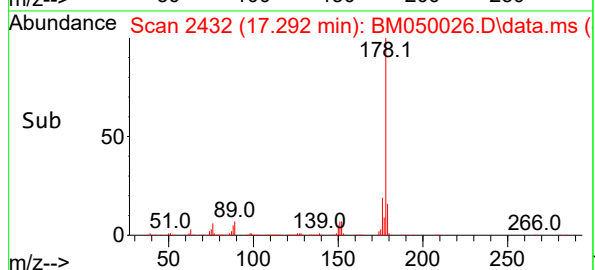
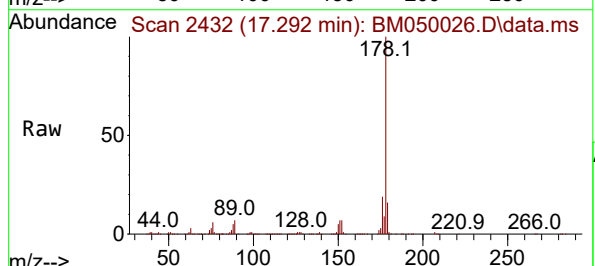
Manual Integrations
APPROVED

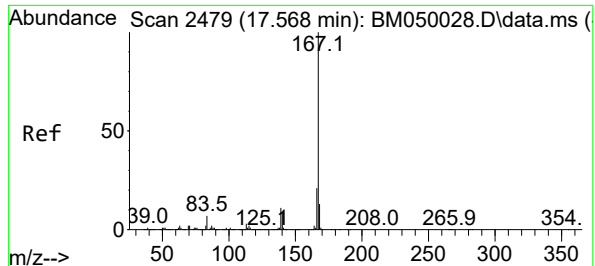
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

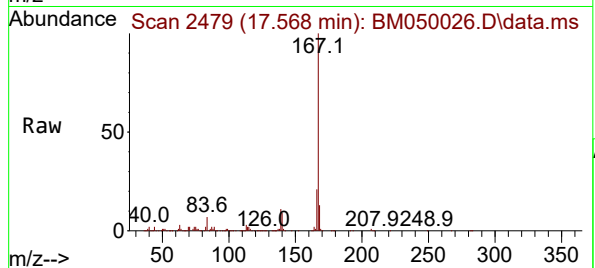
Tgt Ion:178 Resp: 661260
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4





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

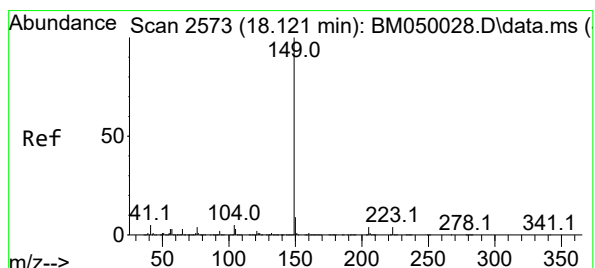
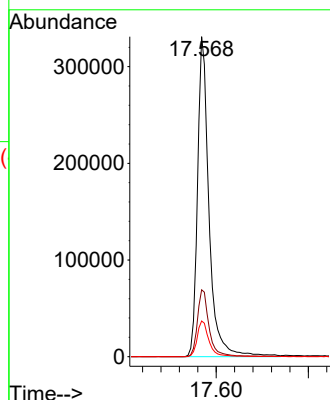
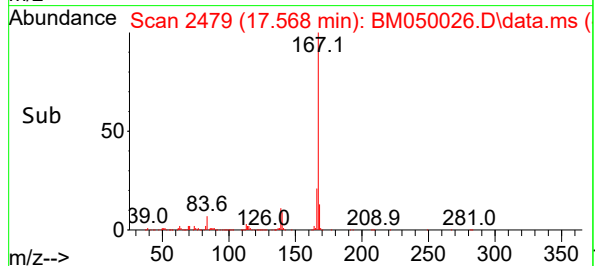
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

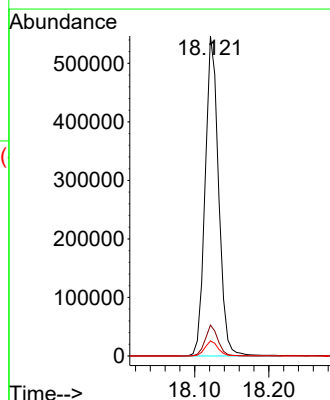
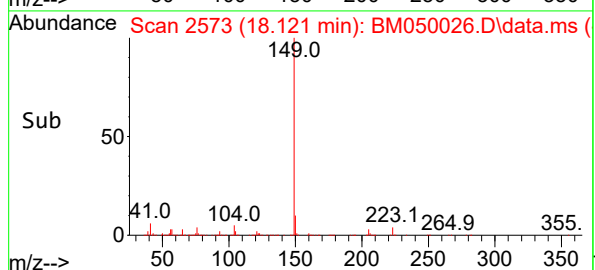
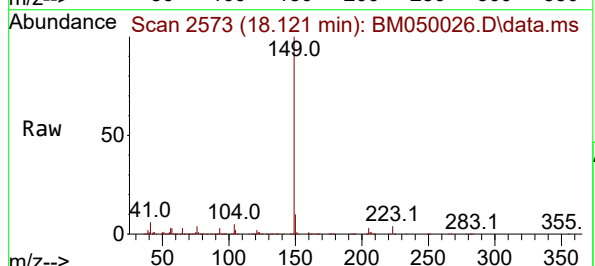
Manual Integrations
APPROVED

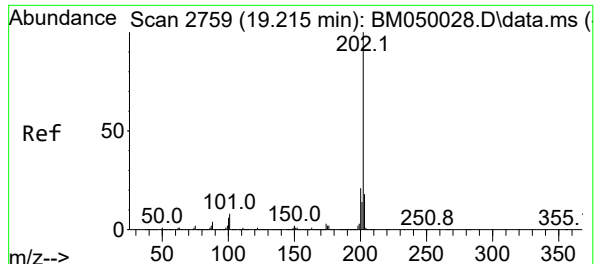
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

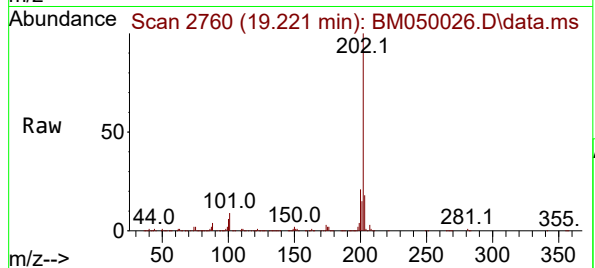
Tgt Ion:149 Resp: 689248
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 4.7 3.8 5.6





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

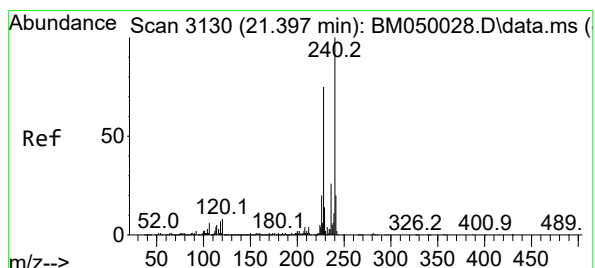
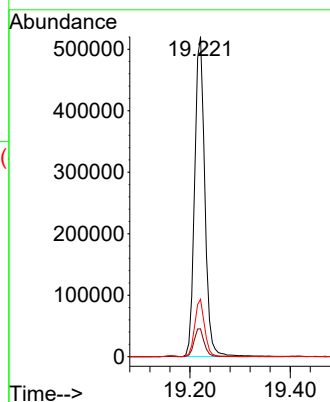
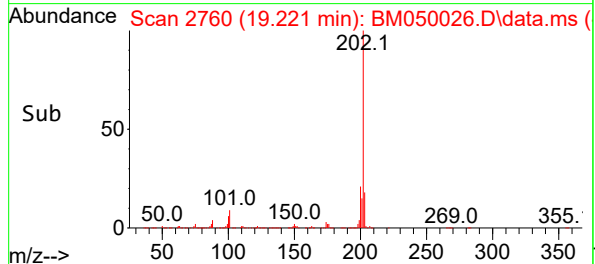
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

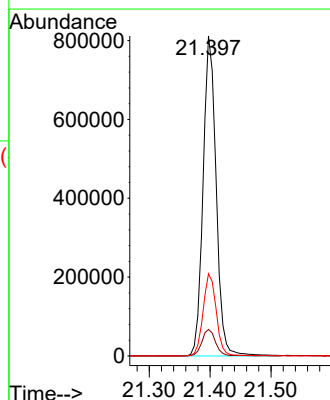
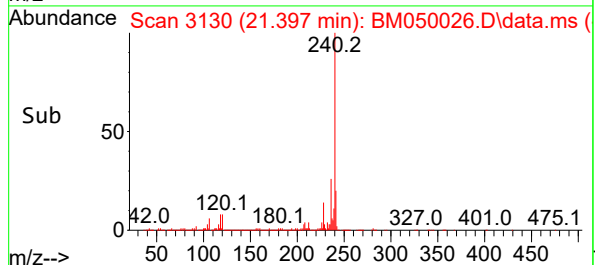
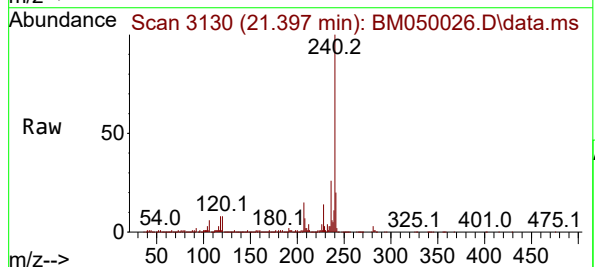
Manual Integrations
APPROVED

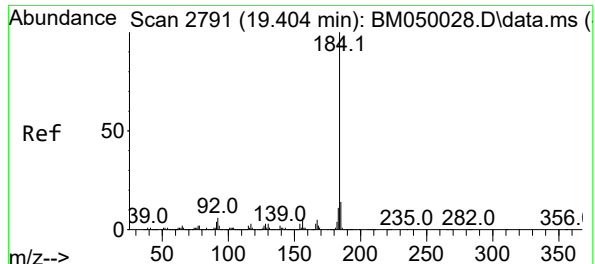
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

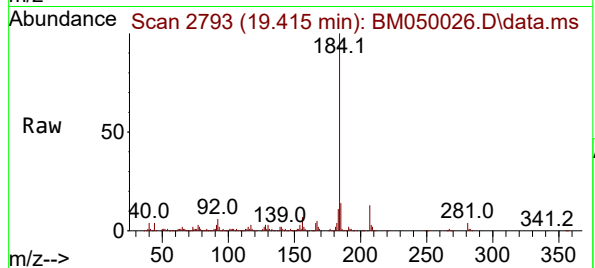
Tgt Ion:240 Resp: 1213581
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.7 20.9 31.3





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

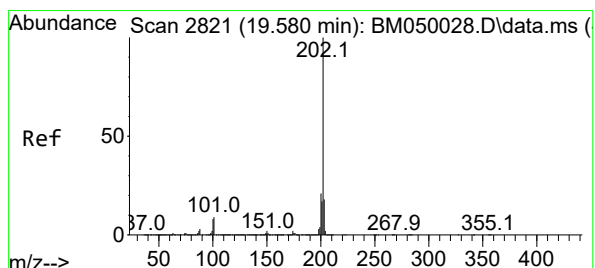
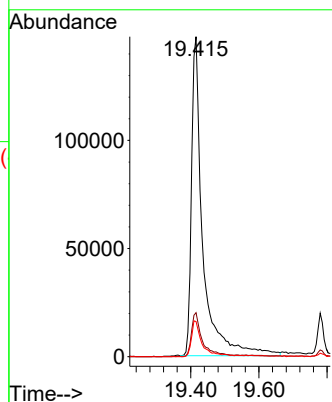
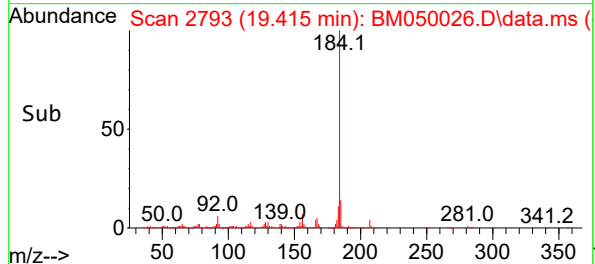
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

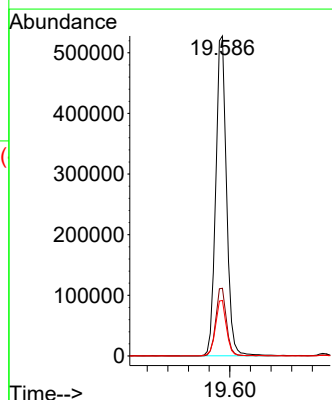
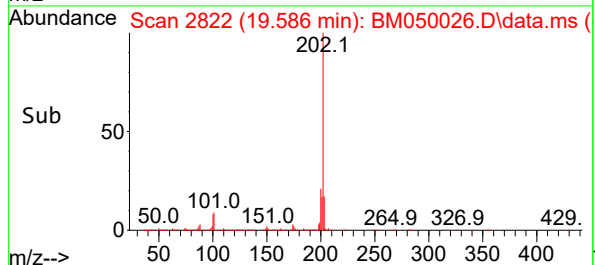
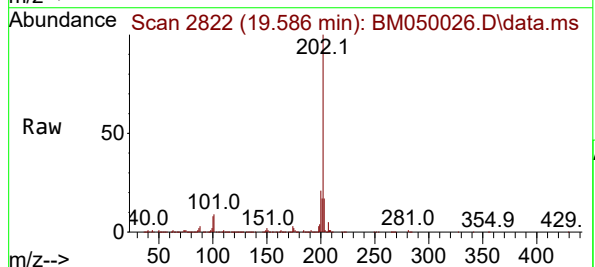
Manual Integrations
APPROVED

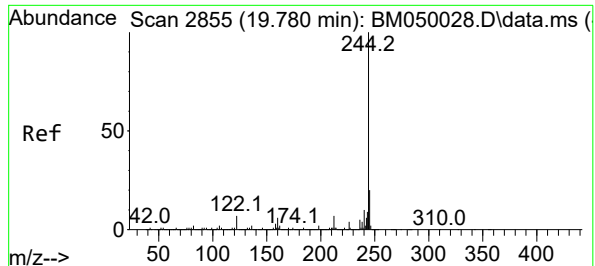
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

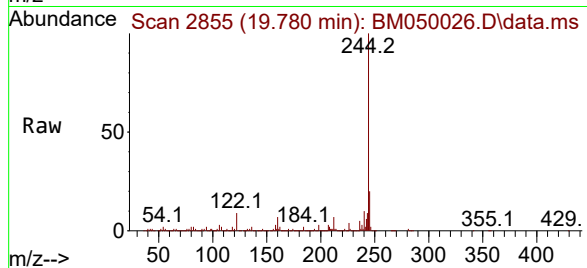
Tgt Ion:202 Resp: 761625
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.3 14.1 21.1





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

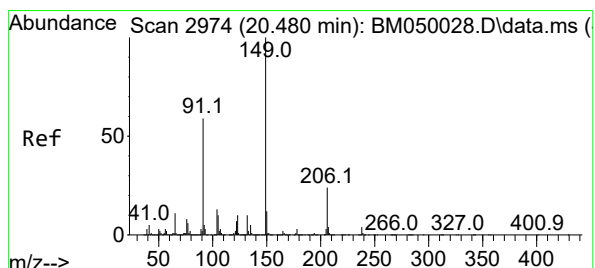
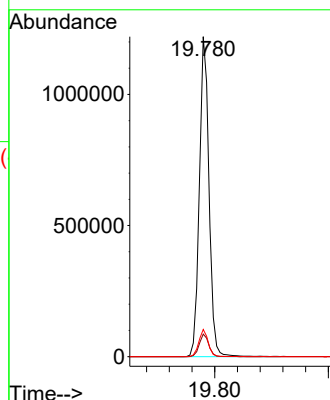
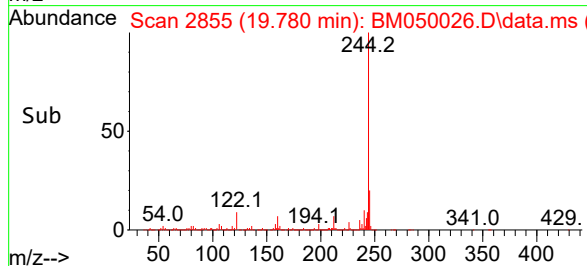
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

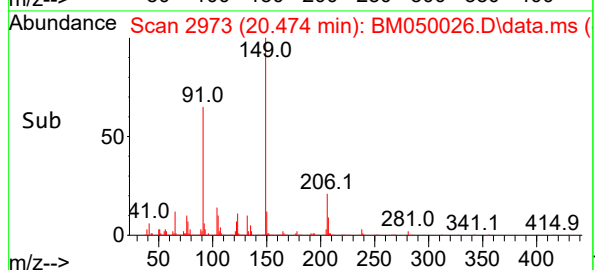
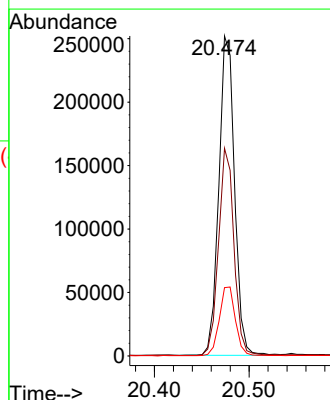
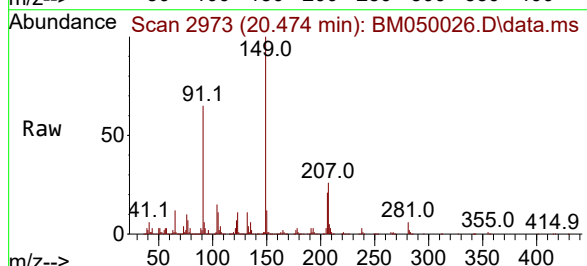
Manual Integrations
APPROVED

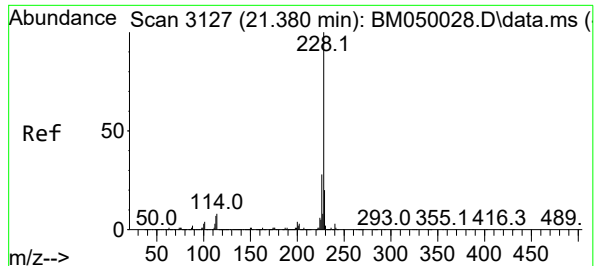
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

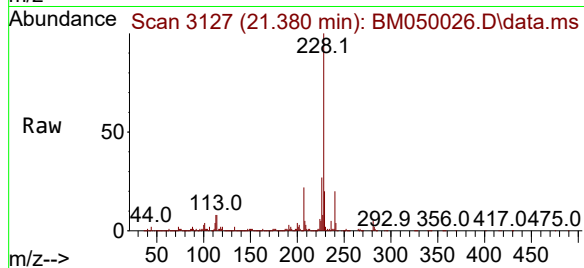
Tgt Ion:149 Resp: 290617
Ion Ratio Lower Upper
149 100
91 64.9 47.4 71.2
206 21.3 19.4 29.0





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

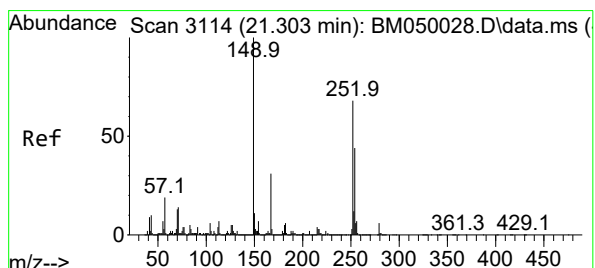
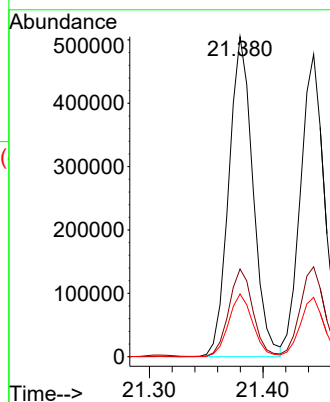
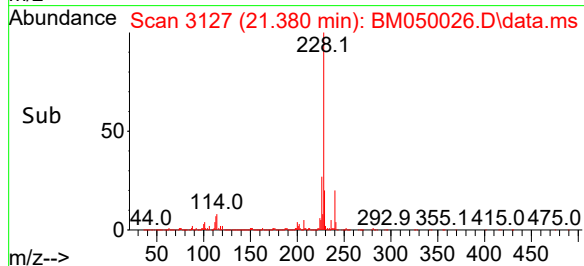
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

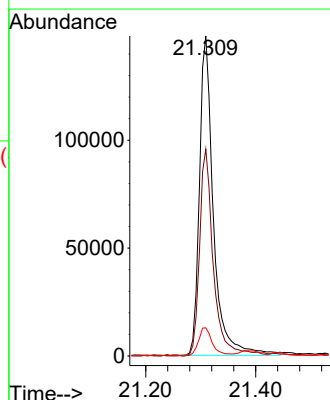
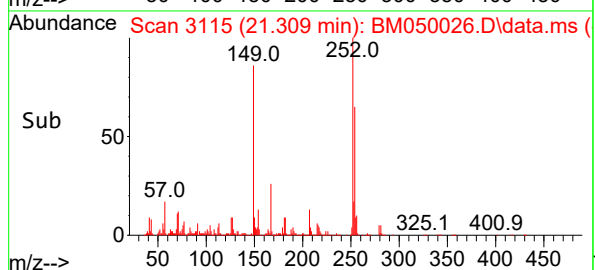
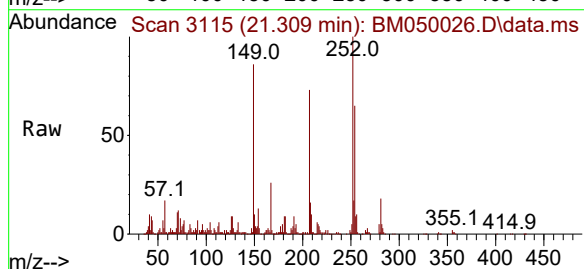
Manual Integrations
APPROVED

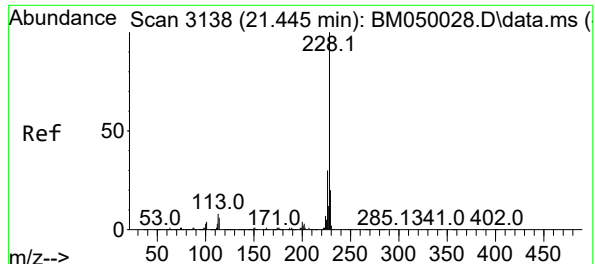
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#83

Chrysene

Concen: 9.178 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 709862

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

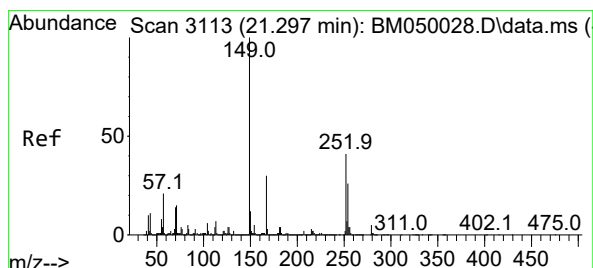
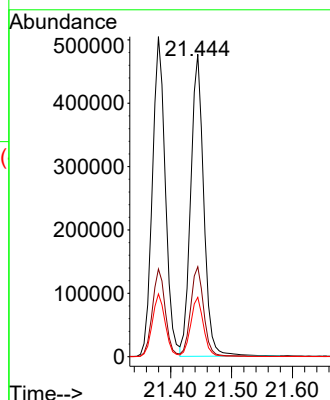
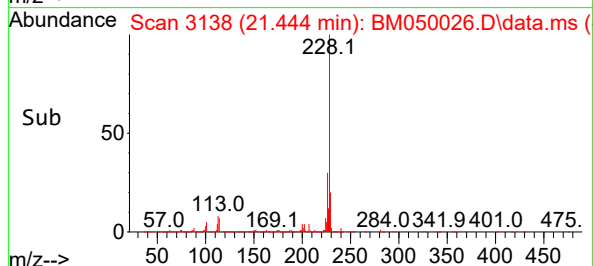
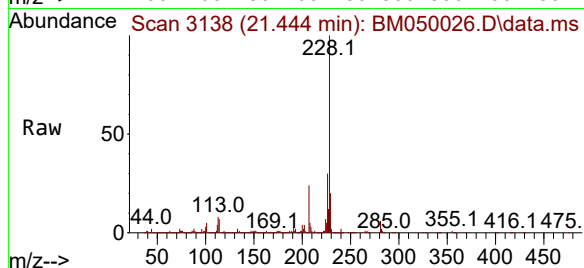
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.228 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

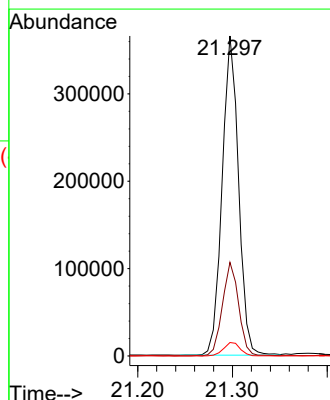
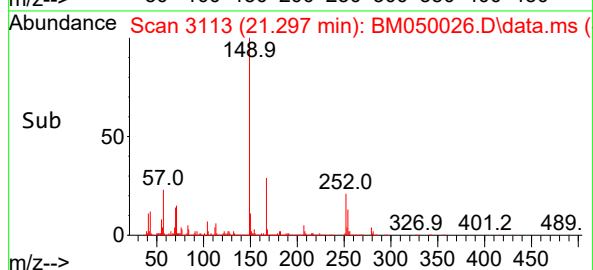
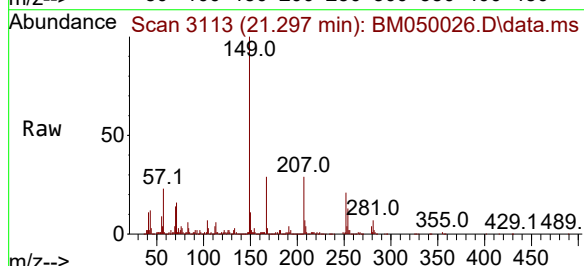
Tgt Ion:149 Resp: 439949

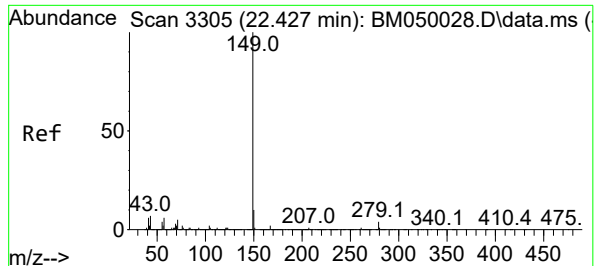
Ion Ratio Lower Upper

149 100

167 29.3 24.1 36.1

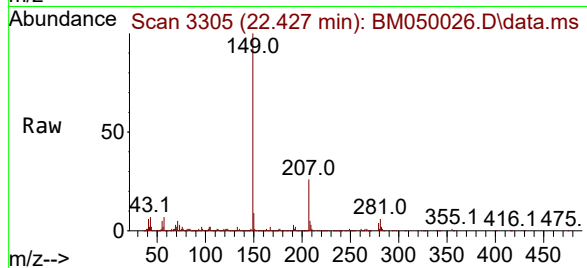
279 4.2 3.9 5.9





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

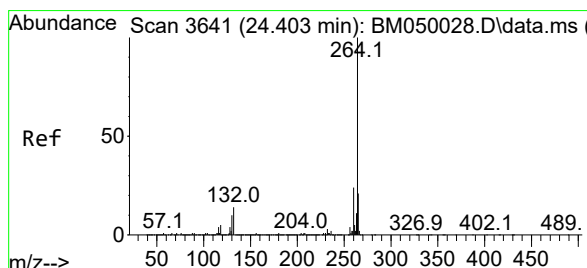
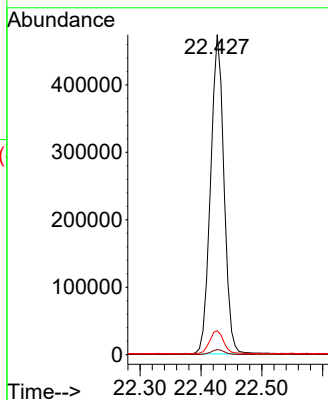
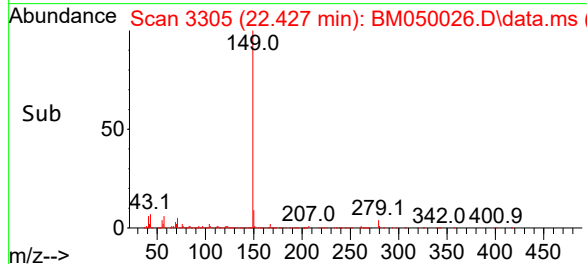
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

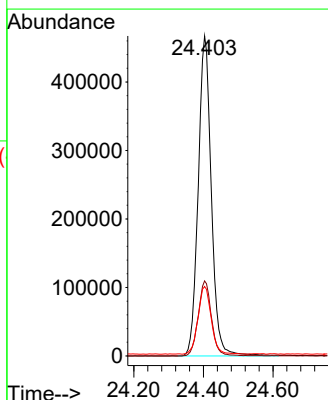
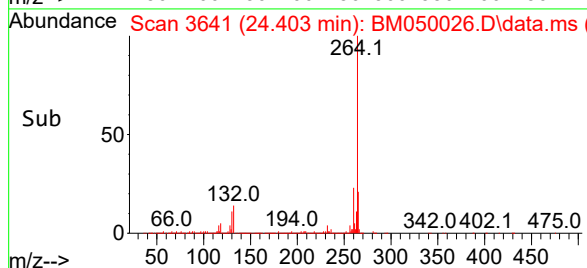
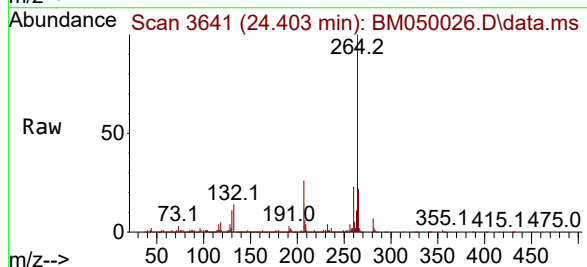
Manual Integrations
APPROVED

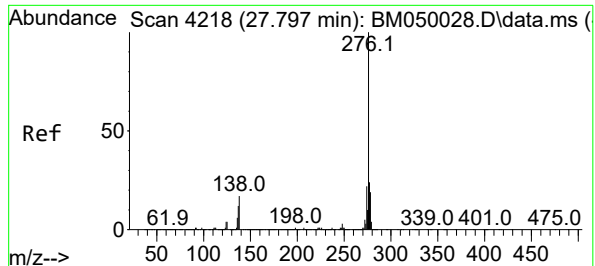
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

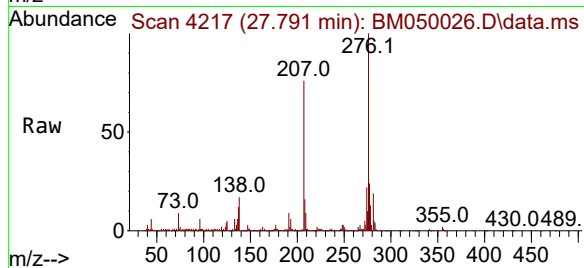
Tgt Ion:264 Resp: 1224339
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

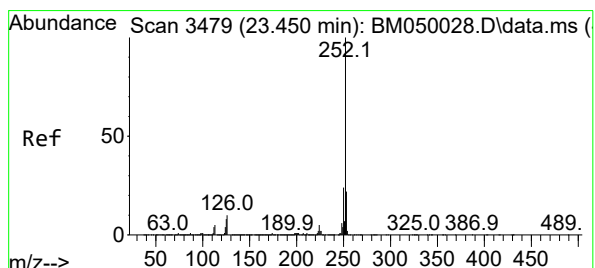
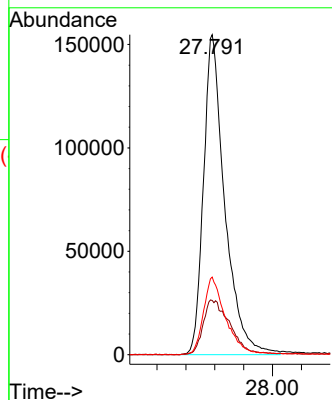
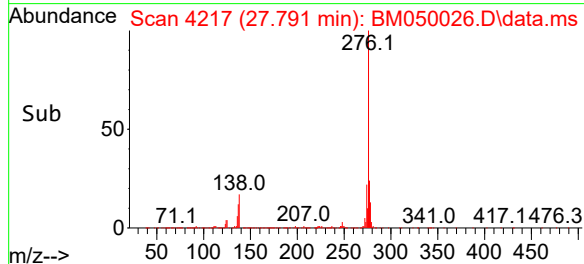
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



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

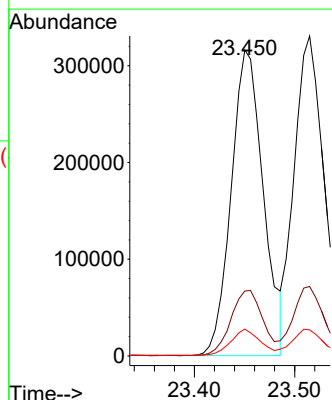
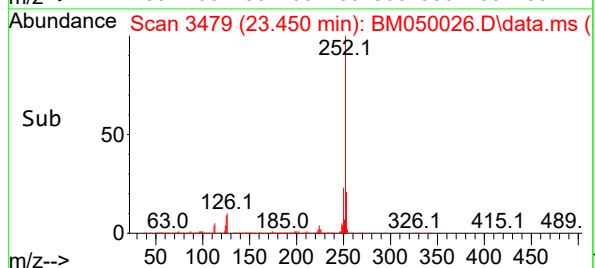
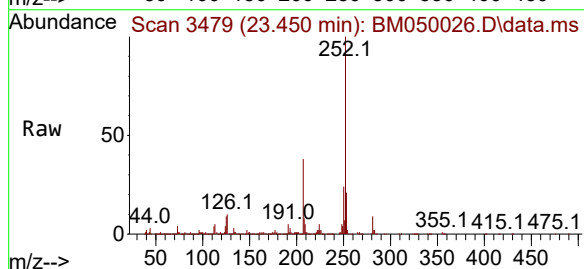
Manual Integrations
APPROVED

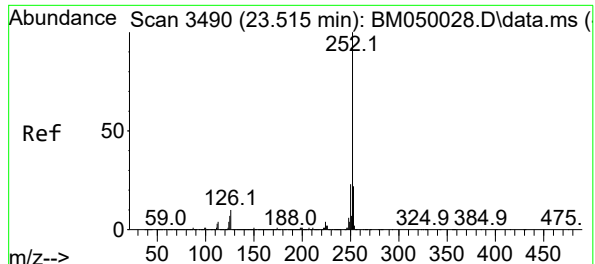
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#89

Benzo(k)fluoranthene

Concen: 8.741 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 70414

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

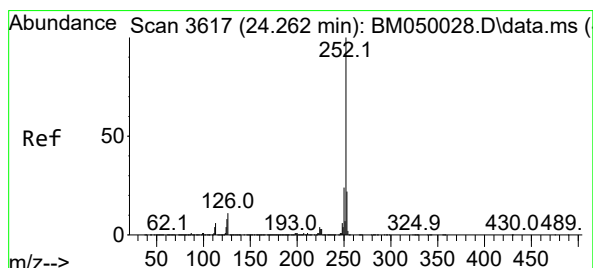
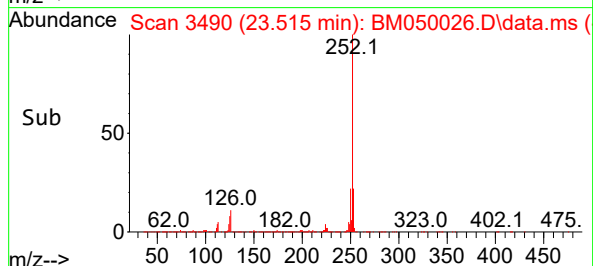
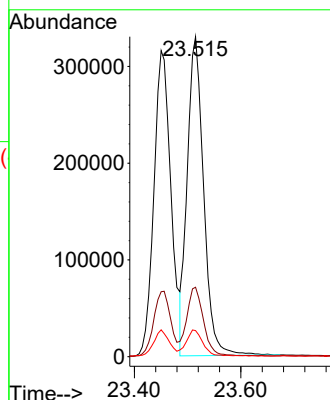
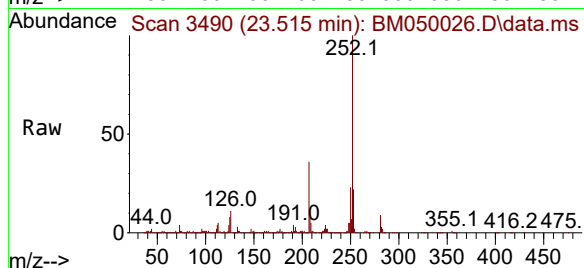
125 8.2 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 8.751 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

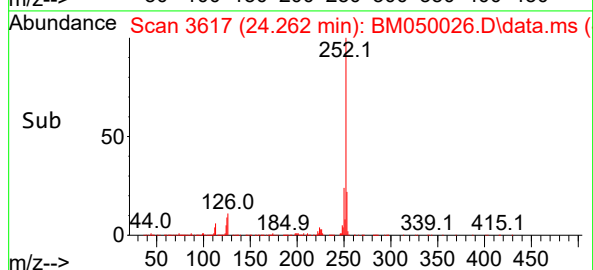
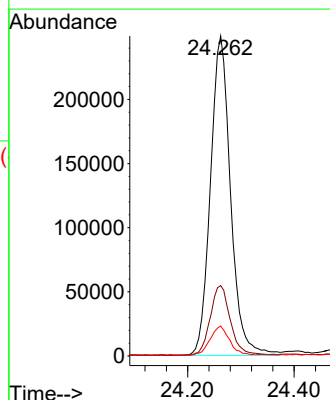
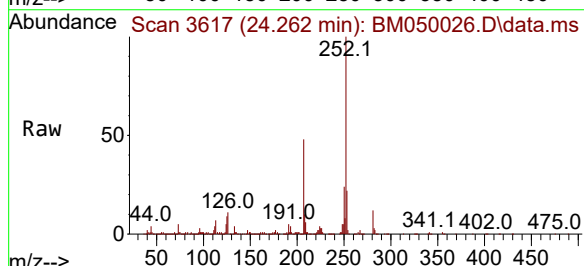
Tgt Ion:252 Resp: 652617

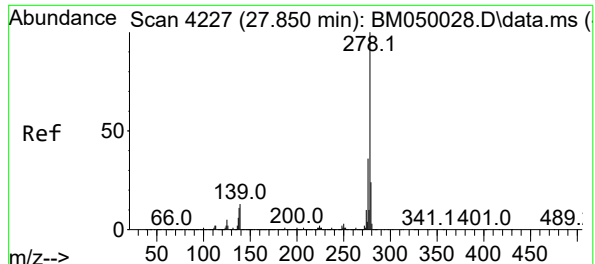
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 8.591 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

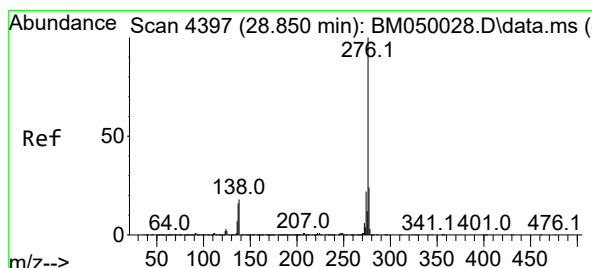
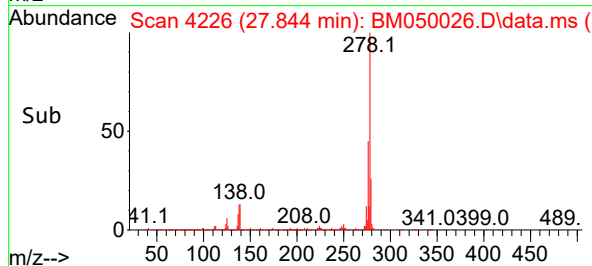
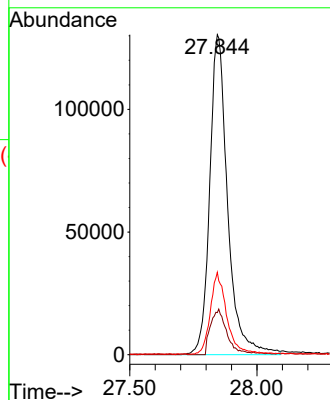
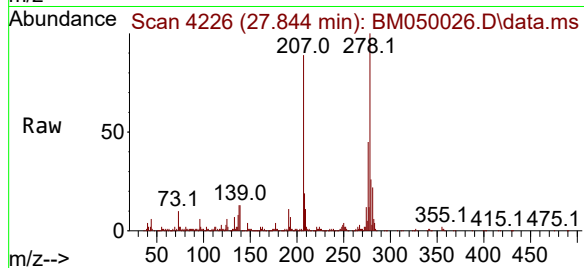
Tgt Ion:	278	Resp:	63891
Ion Ratio	Lower	Upper	
278	100		
139	13.2	10.5	15.7
279	25.8	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#92

Benzo(g,h,i)perylene

Concen: 8.852 ng

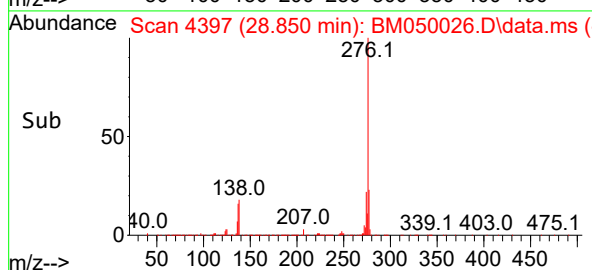
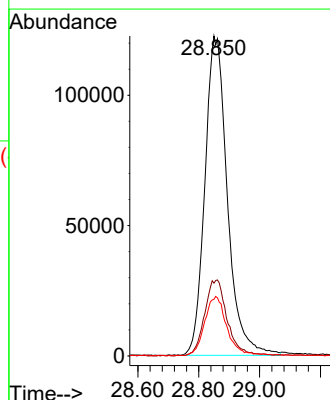
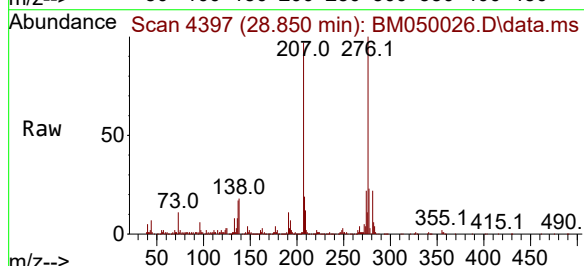
RT: 28.850 min Scan# 4397

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:	276	Resp:	630261
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.1	28.7
138	17.7	14.3	21.5



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

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

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

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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

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

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

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

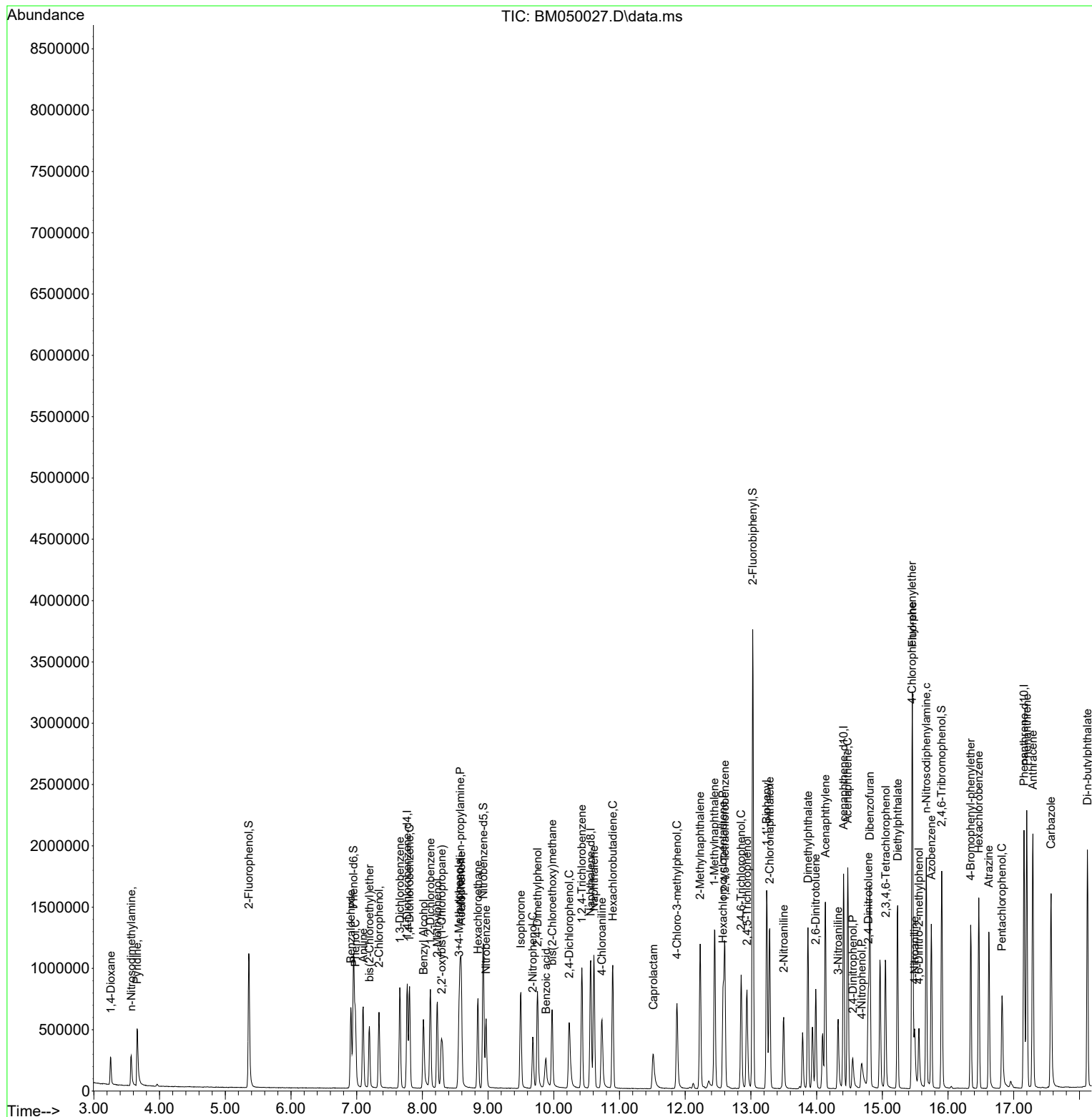
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Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

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



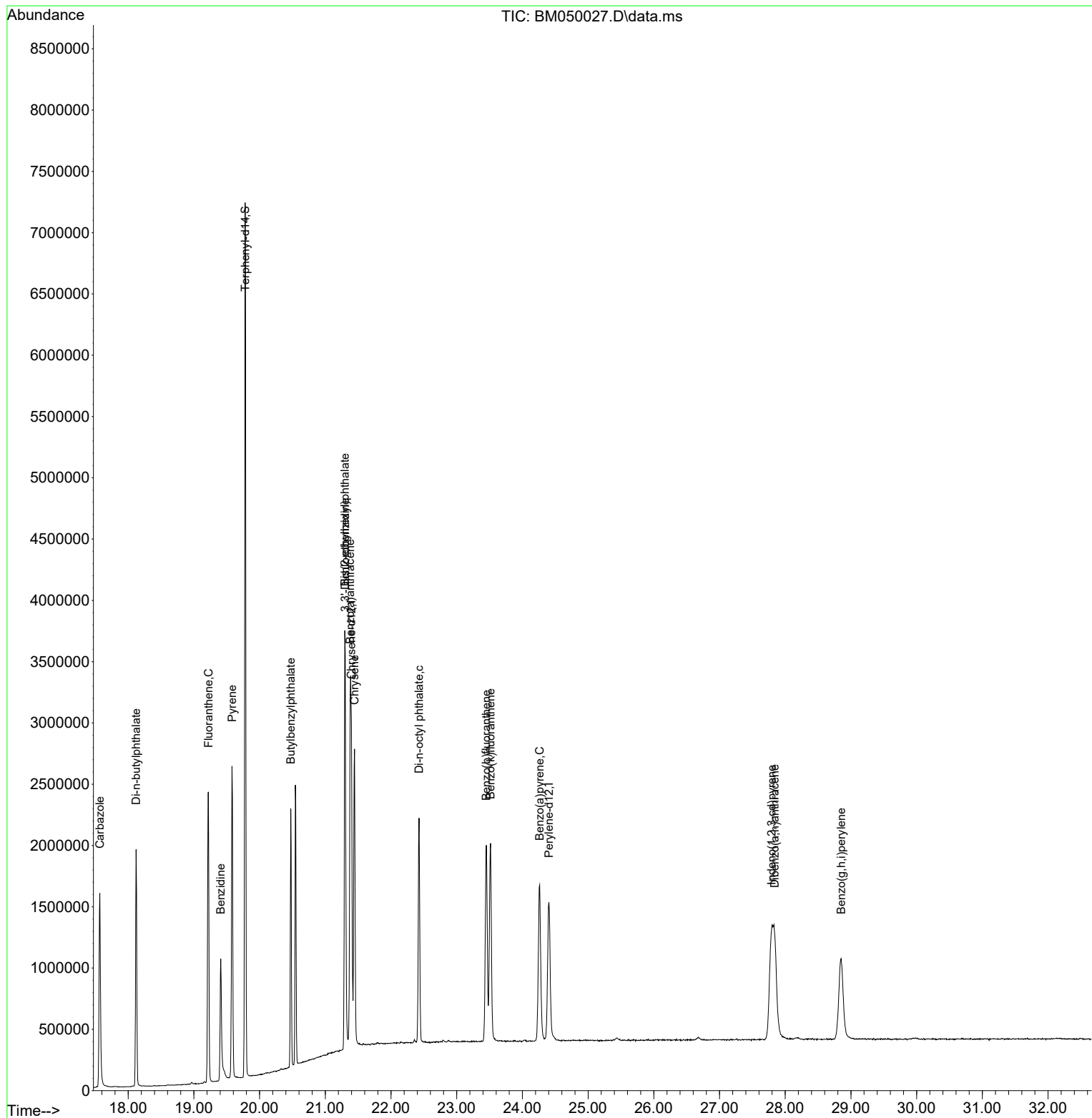
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Acq On : 28 Apr 2025 14:27
Operator : RC/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

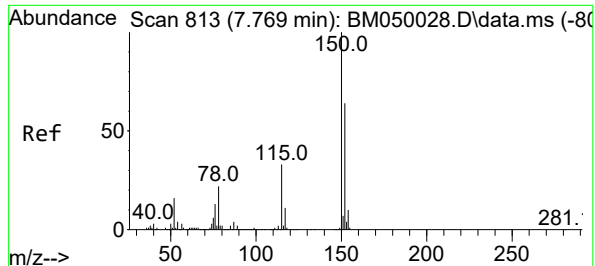
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

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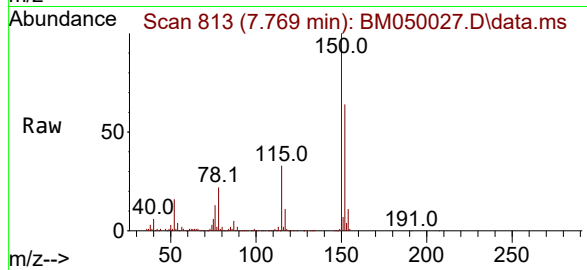
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





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

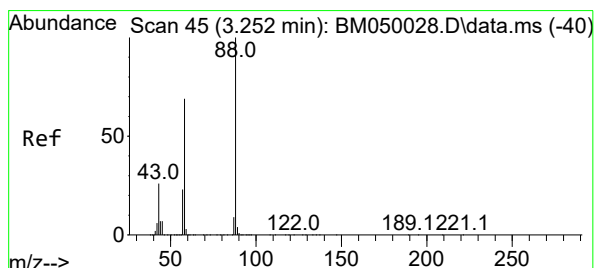
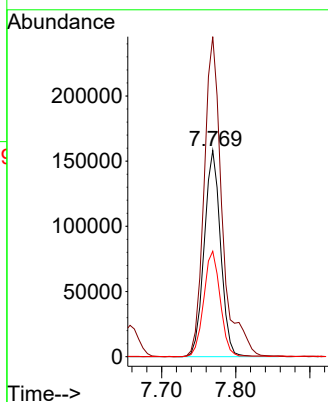
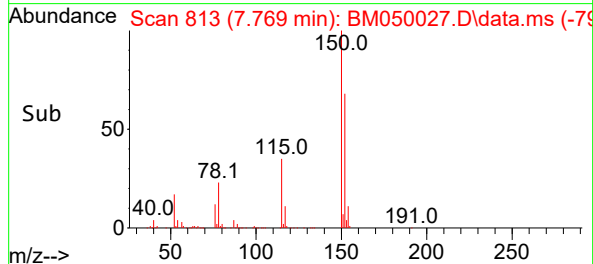
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

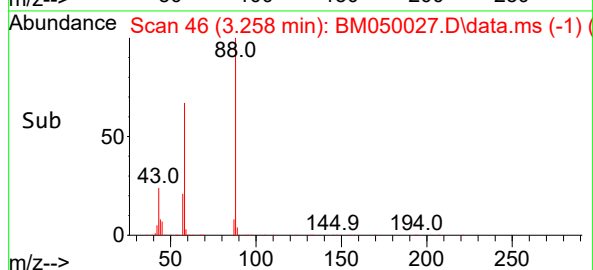
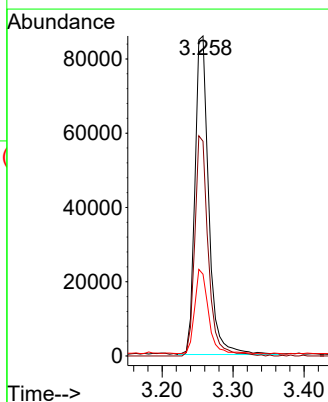
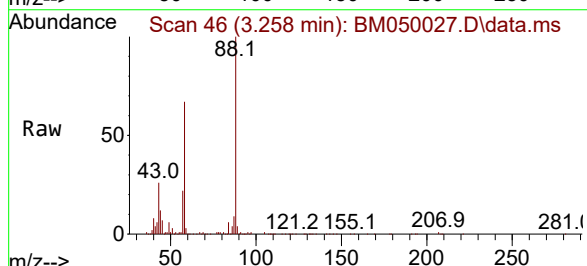
Manual Integrations
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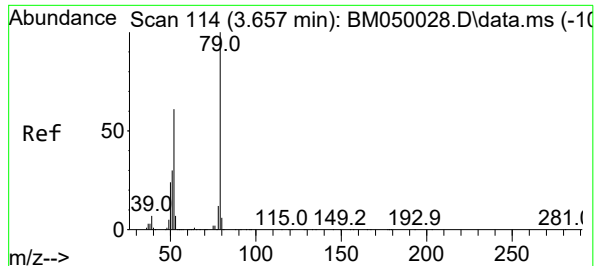
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

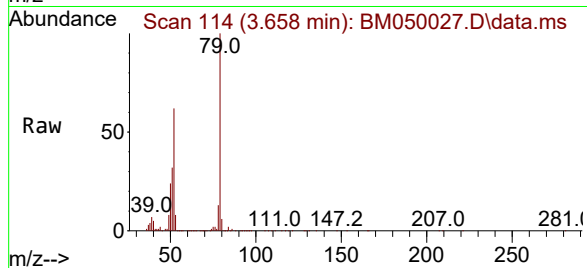
Tgt Ion: 88 Resp: 115944
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 26.7 20.9 31.3





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

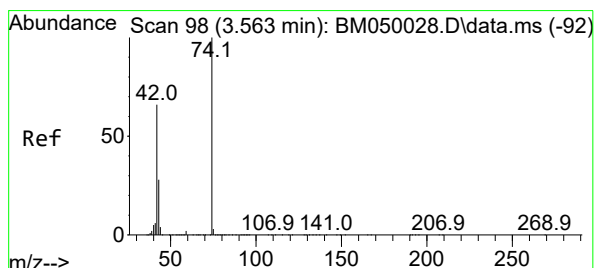
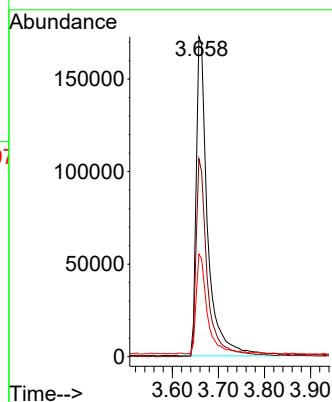
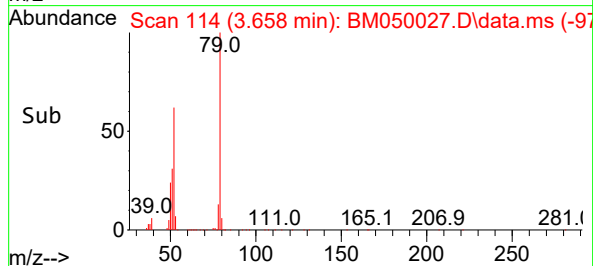
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

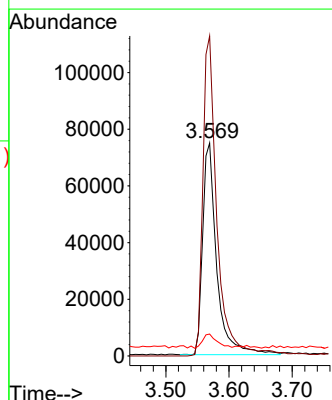
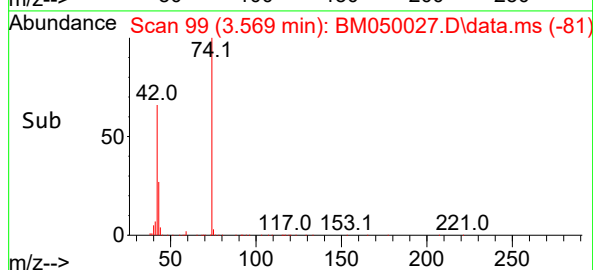
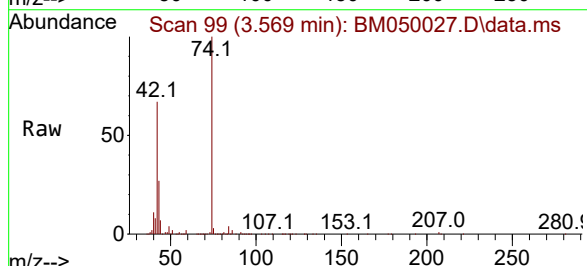
Manual Integrations
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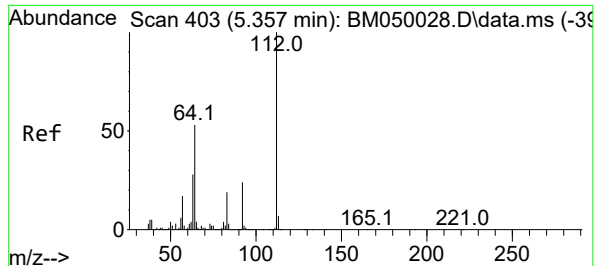
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#5

2-Fluorophenol

Concen: 38.777 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:112 Resp: 537488

Ion Ratio Lower Upper

112 100

64 54.3 42.6 64.0

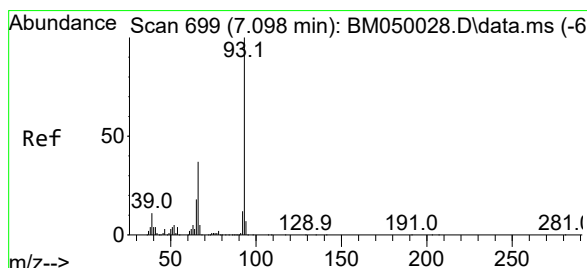
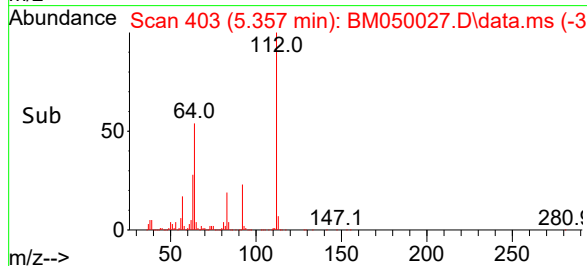
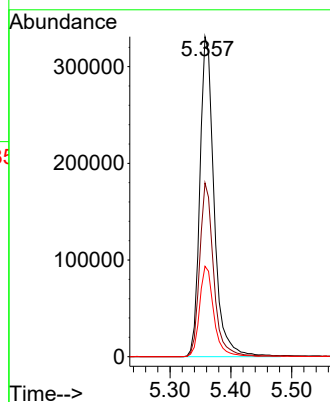
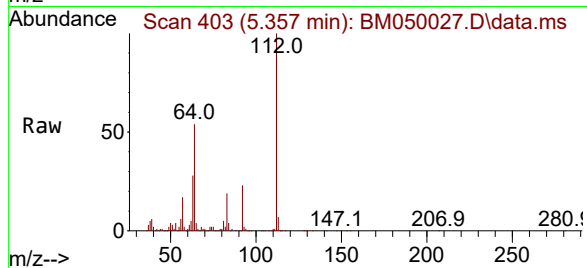
63 28.2 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 19.511 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

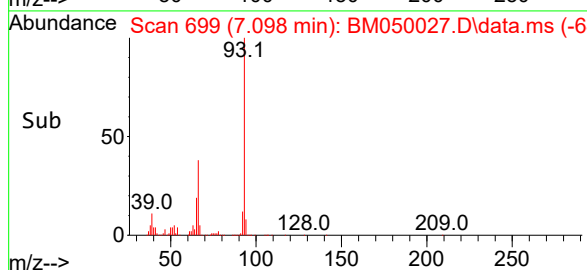
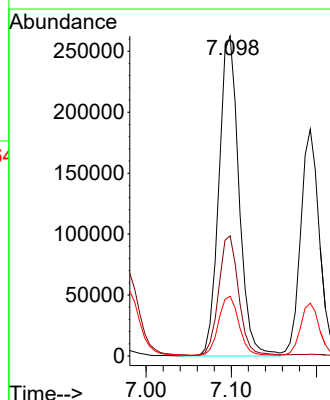
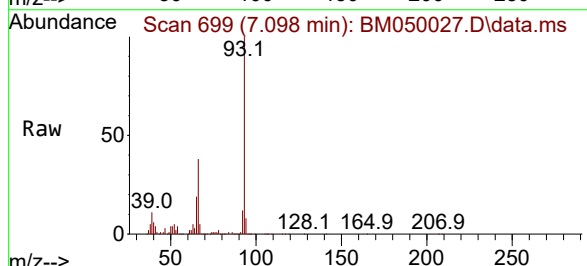
Tgt Ion: 93 Resp: 429222

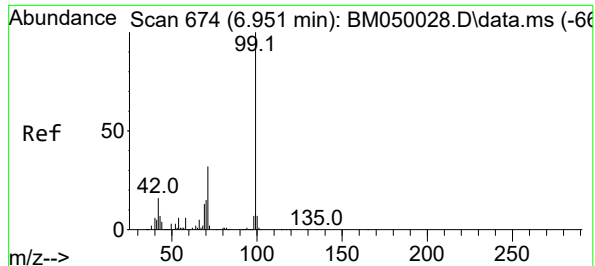
Ion Ratio Lower Upper

93 100

66 37.5 29.9 44.9

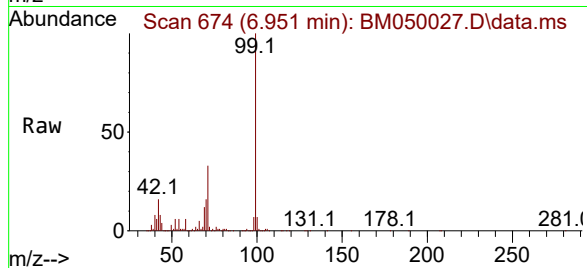
65 18.7 14.5 21.7





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

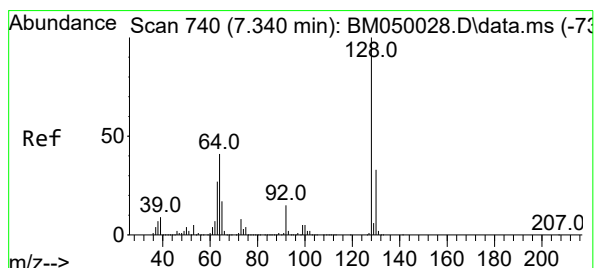
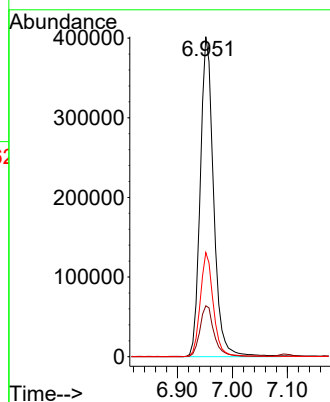
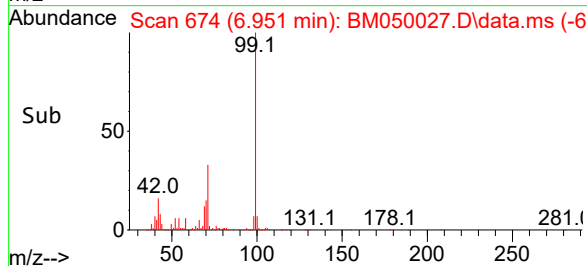
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

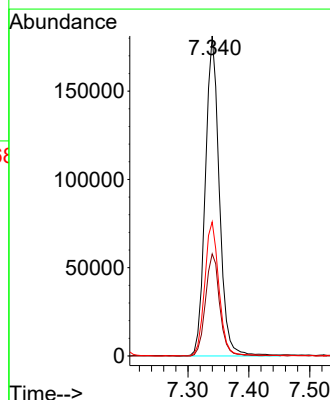
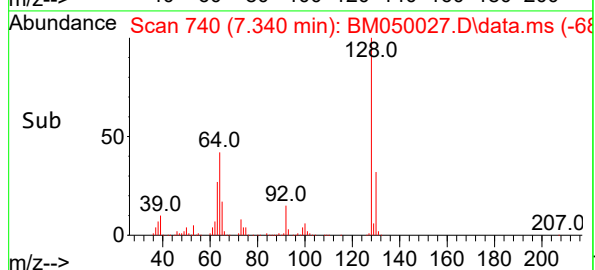
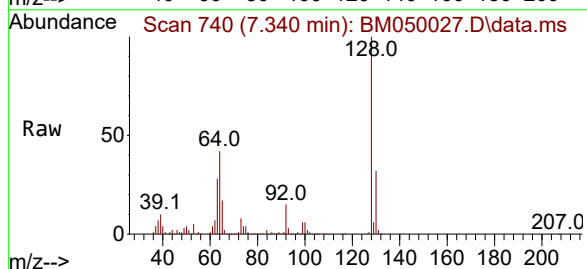
Manual Integrations
APPROVED

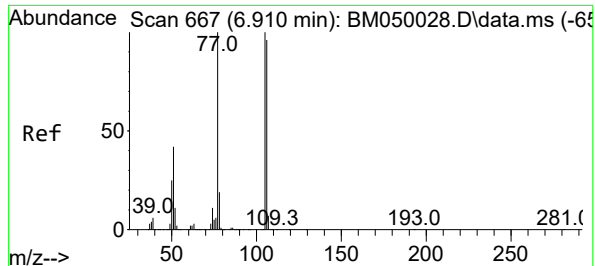
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

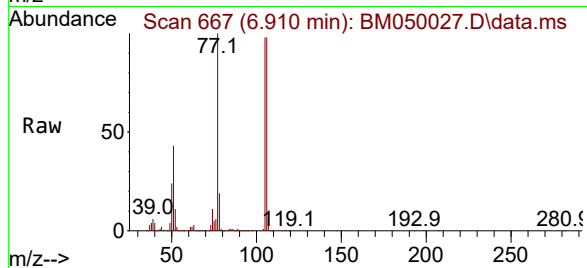
Tgt Ion:128 Resp: 290876
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 41.9 21.2 61.2





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

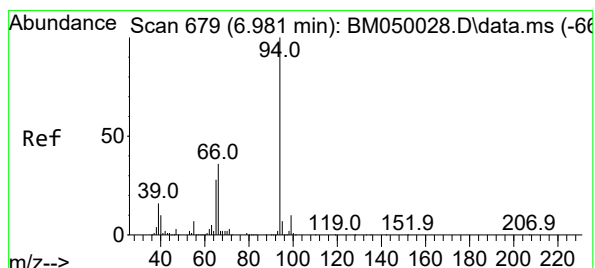
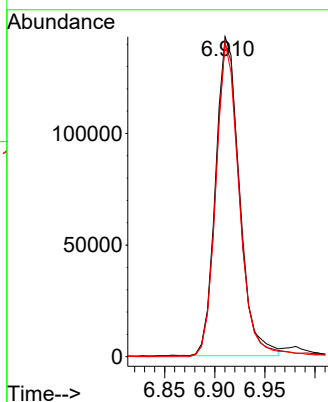
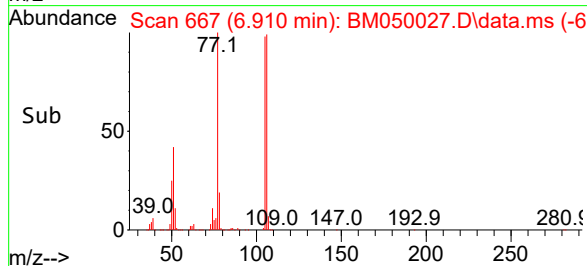
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

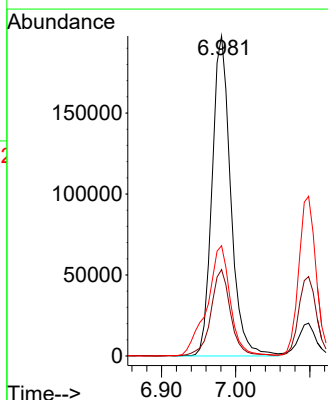
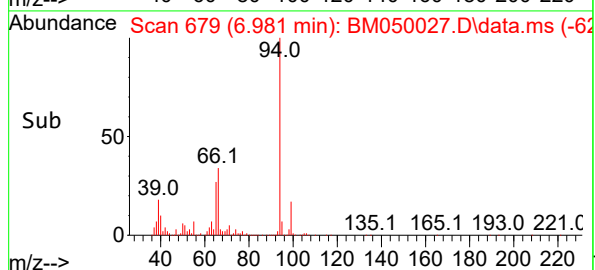
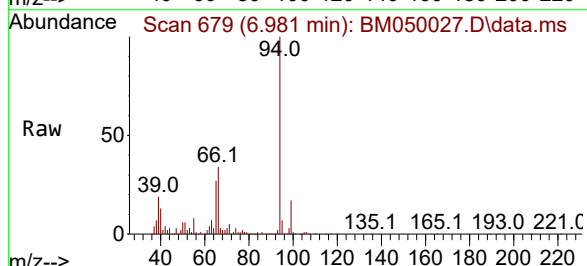
Manual Integrations
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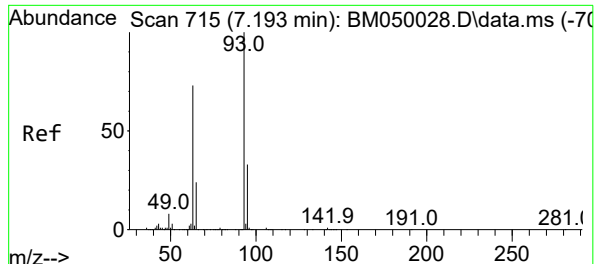
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





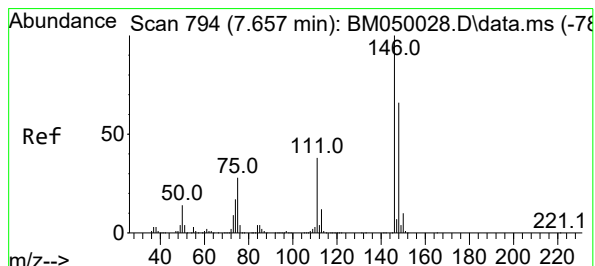
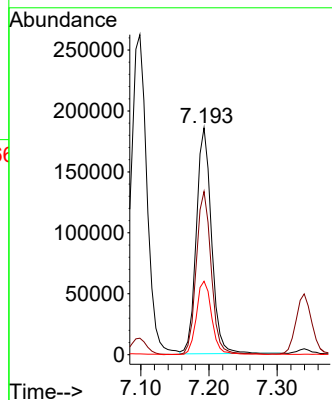
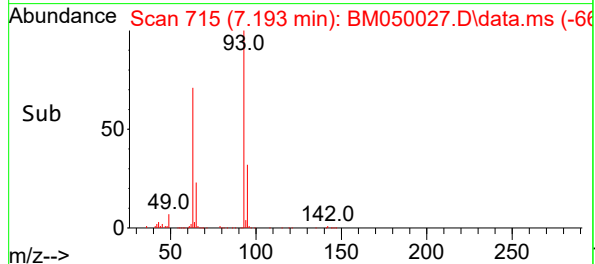
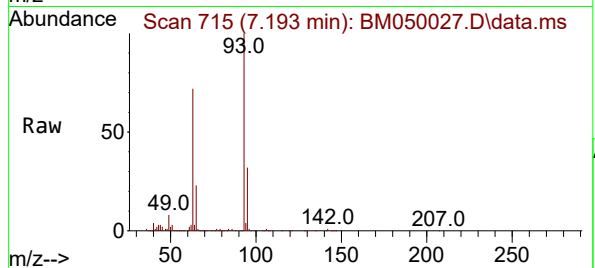
#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

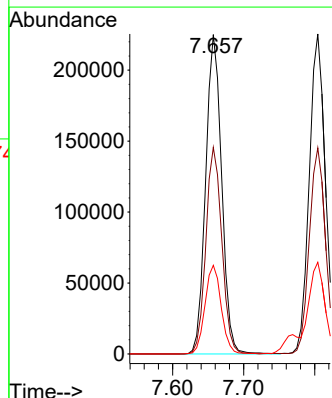
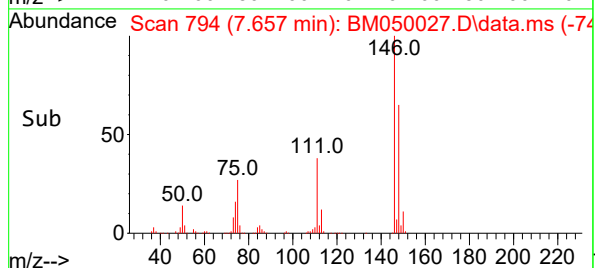
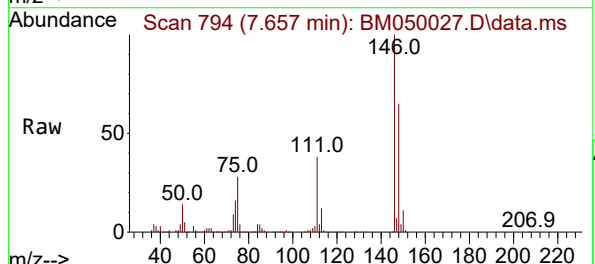
Manual Integrations
APPROVED

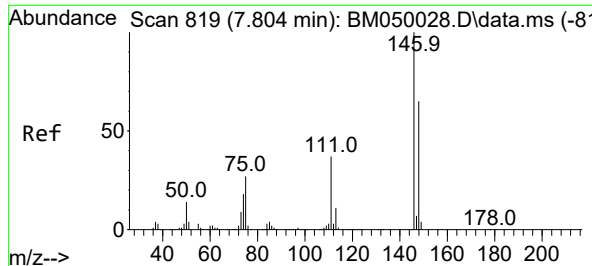
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

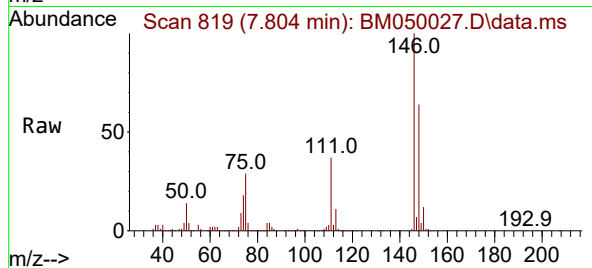
Tgt Ion:146 Resp: 352660
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 27.8 22.6 34.0





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

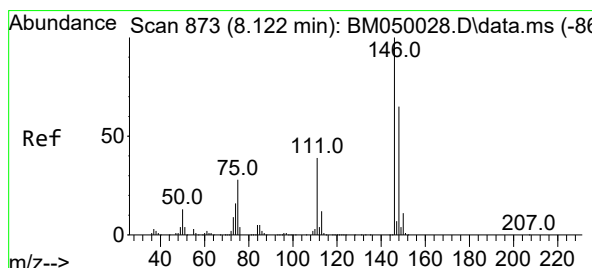
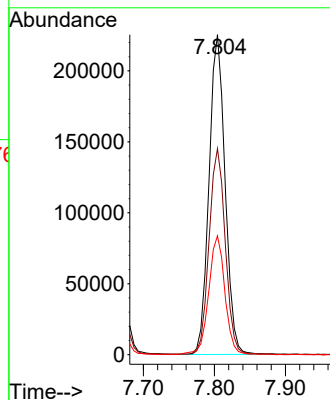
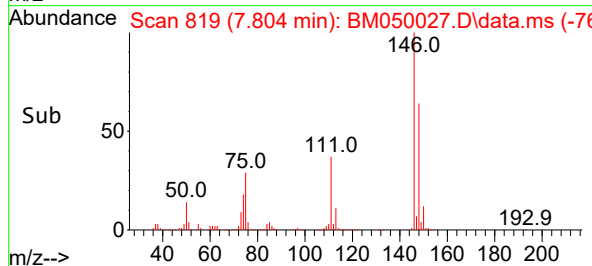
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

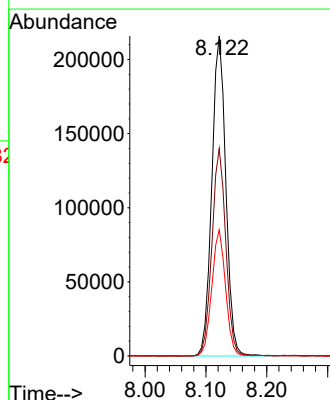
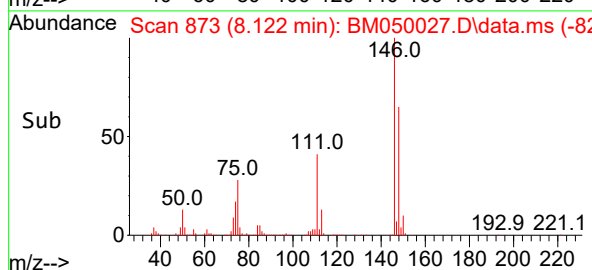
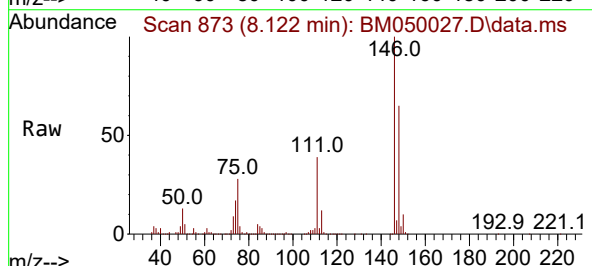
Manual Integrations
APPROVED

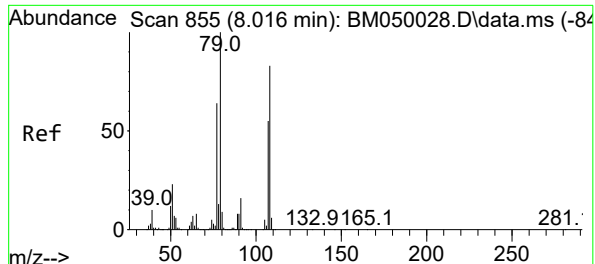
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#15

Benzyl Alcohol

Concen: 19.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 23454

Ion Ratio Lower Upper

79 100

108 79.9 66.0 99.0

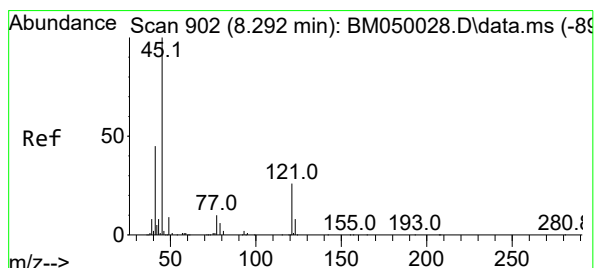
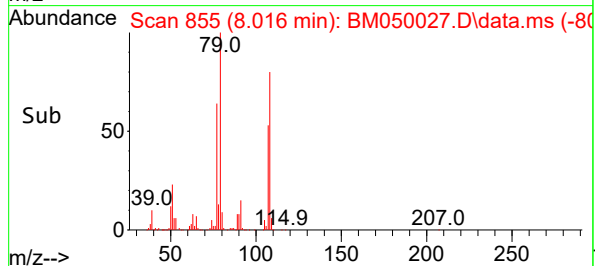
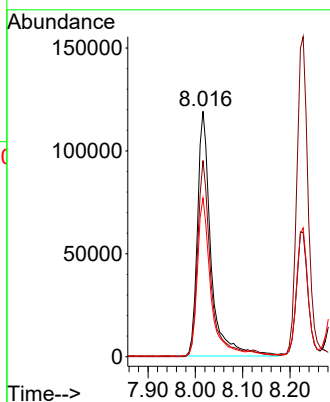
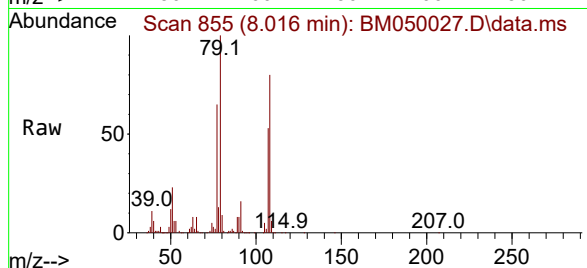
77 64.6 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.598 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

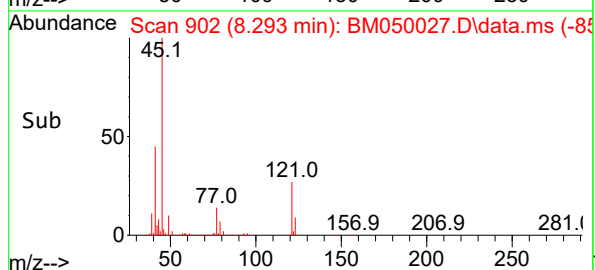
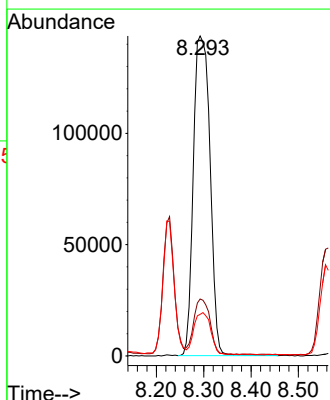
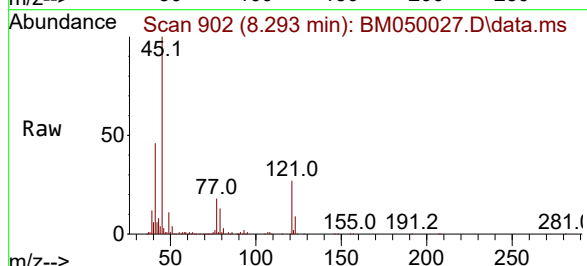
Tgt Ion: 45 Resp: 350829

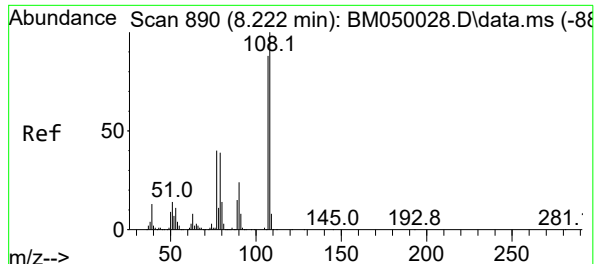
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 19.450 ng

RT: 8.228 min Scan# 891

Delta R.T. 0.006 min

Lab File: BM050027.D

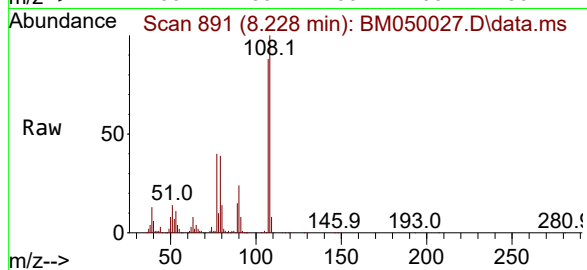
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 225978

Ion Ratio Lower Upper

107 100

108 113.4 91.1 136.7

77 45.7 36.2 54.4

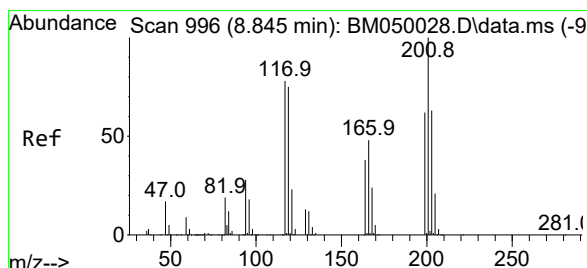
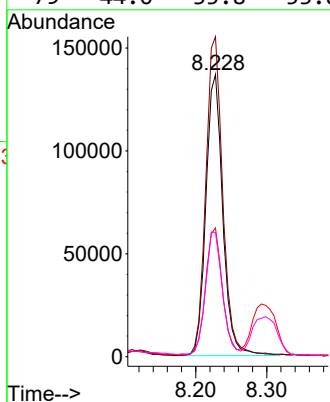
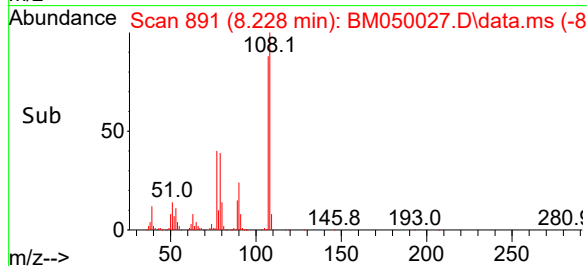
79 44.0 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

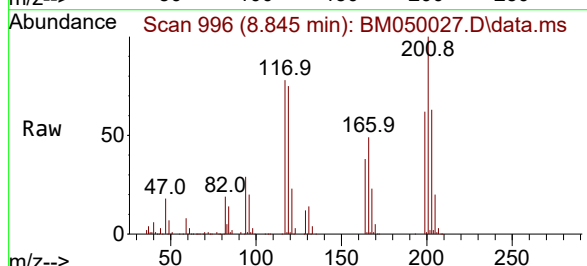
Concen: 19.571 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



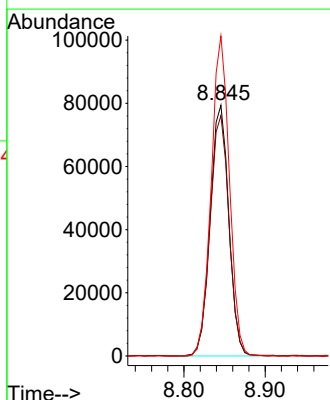
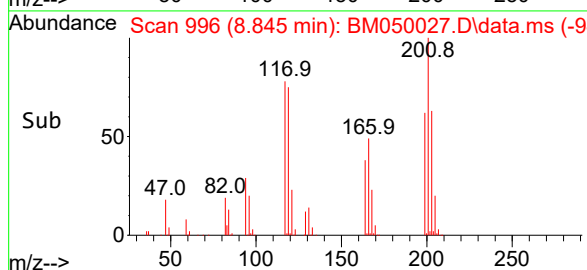
Tgt Ion:117 Resp: 126530

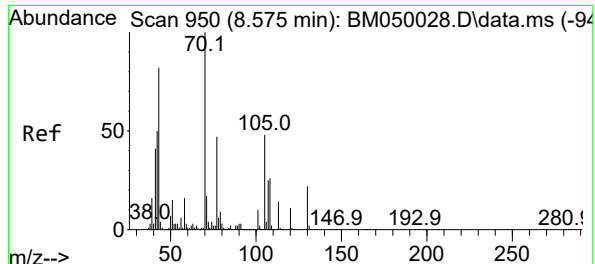
Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9

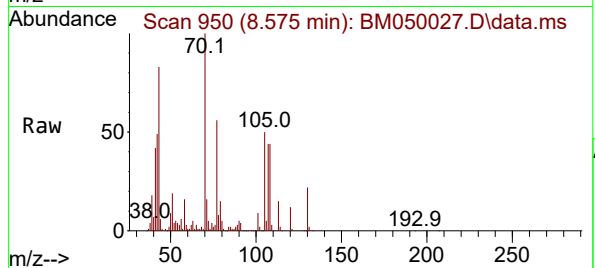
201 127.6 102.8 154.2





#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

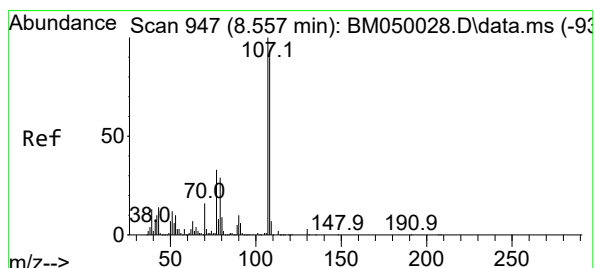
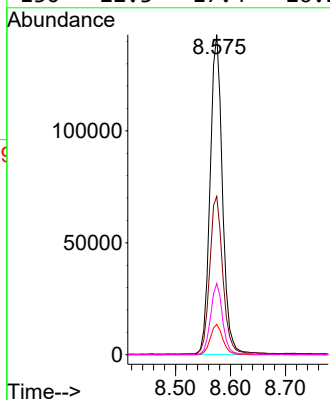
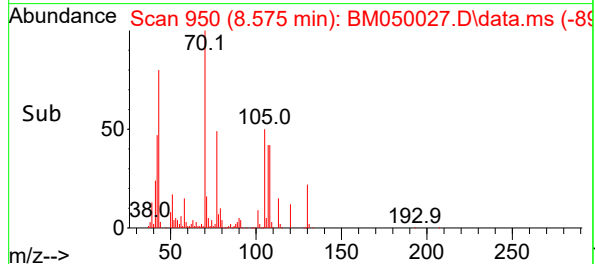
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 70 Resp: 223538
Ion Ratio Lower Upper
70 100
42 49.5 40.5 60.7
101 9.5 7.8 11.6
130 22.3 17.4 26.2

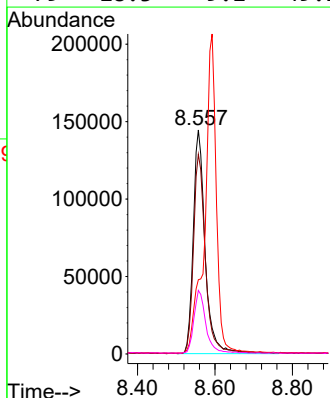
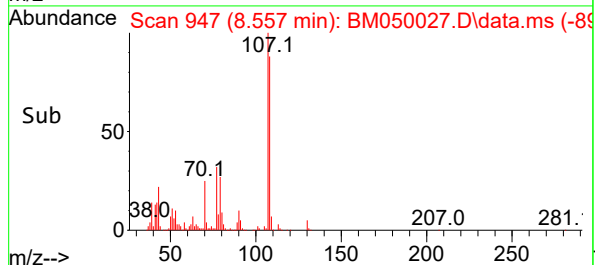
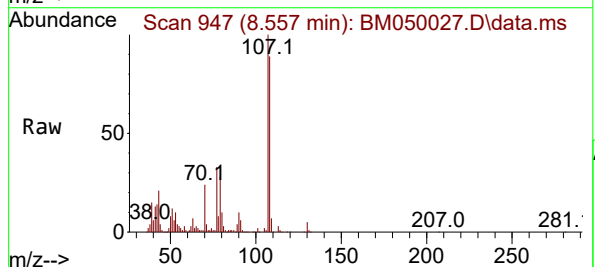
Manual Integrations
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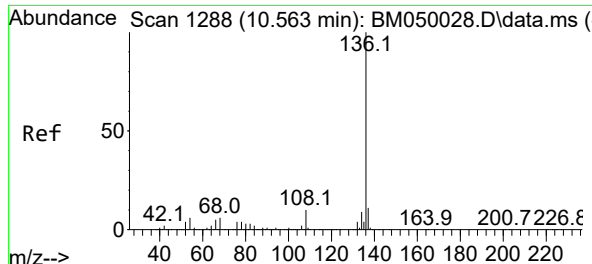
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#20
3+4-Methylphenols
Concen: 19.604 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

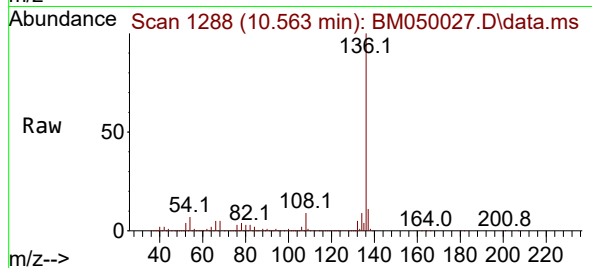
Tgt Ion:107 Resp: 307585
Ion Ratio Lower Upper
107 100
108 89.1 72.4 112.4
77 33.1 13.6 53.6
79 28.3 9.2 49.2





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

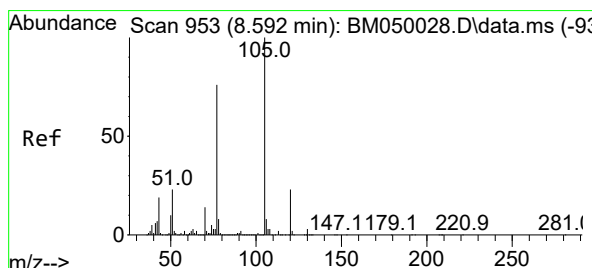
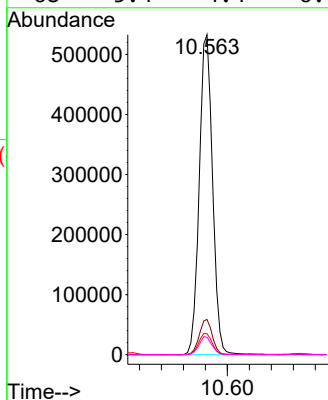
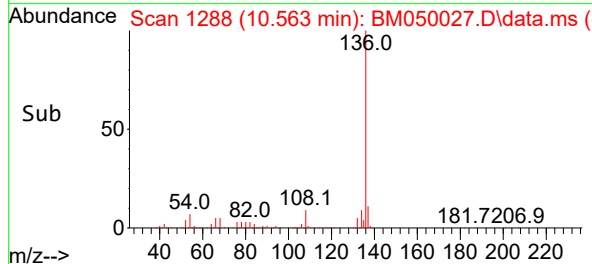
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

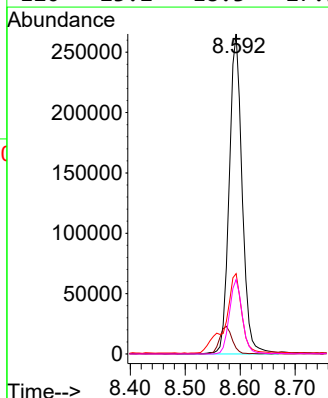
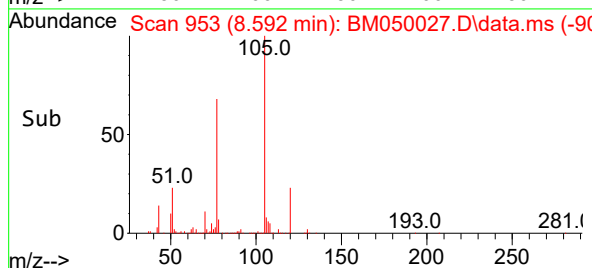
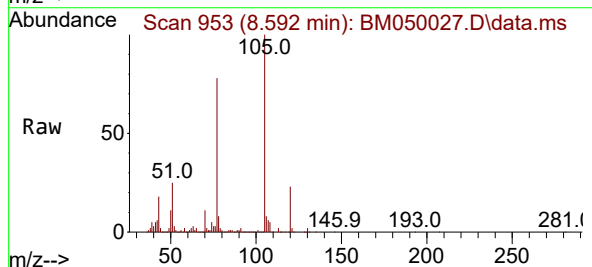
Manual Integrations
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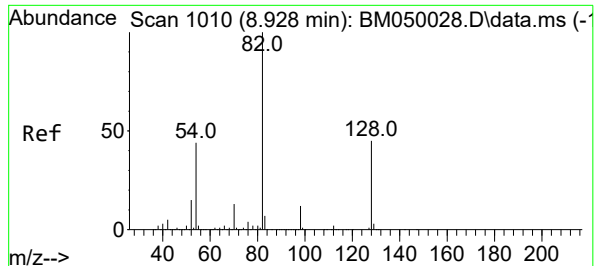
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

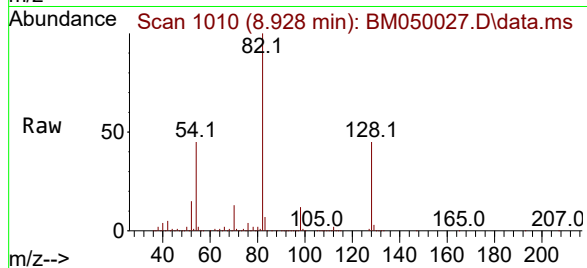
Tgt Ion:105 Resp: 434539
Ion Ratio Lower Upper
105 100
71 1.9 1.7 2.5
51 25.1 18.6 27.8
120 23.2 18.3 27.5





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

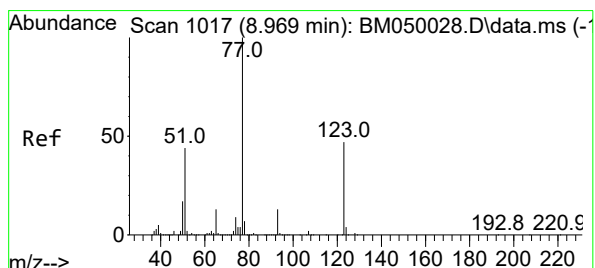
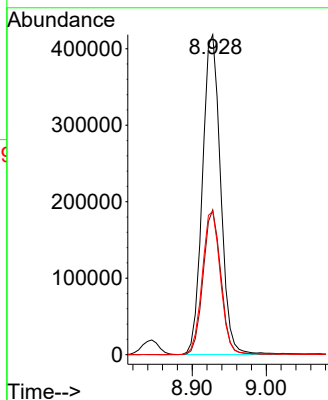
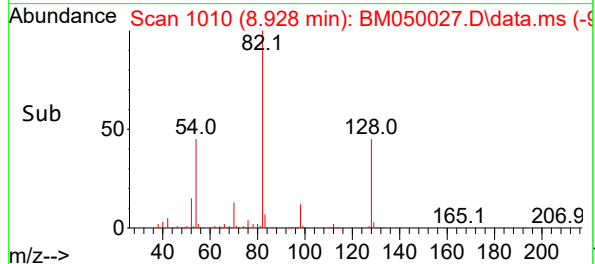
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

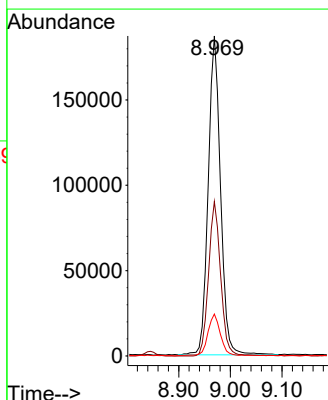
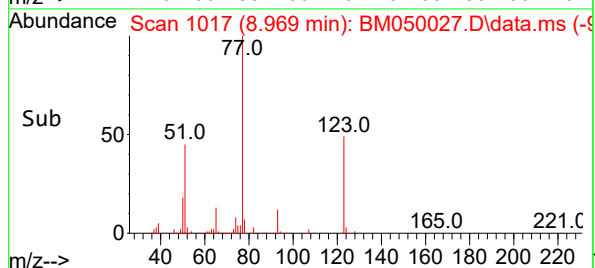
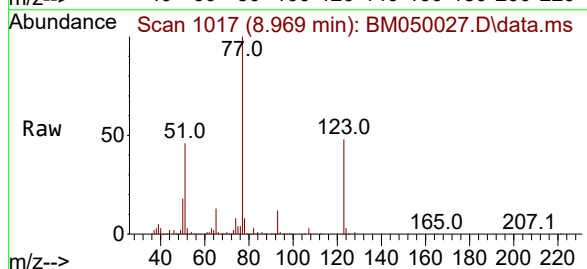
Manual Integrations
APPROVED

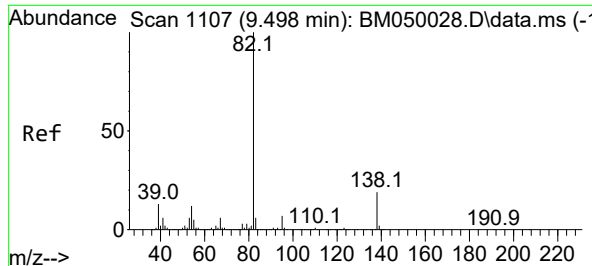
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#25

Isophorone

Concen: 19.648 ng

RT: 9.498 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 60925

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

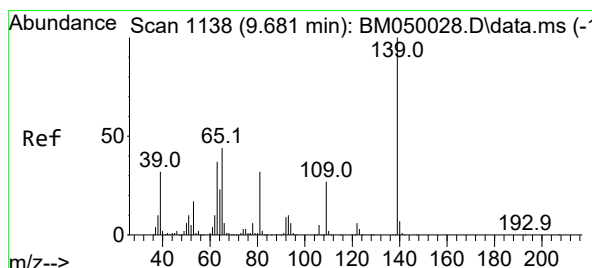
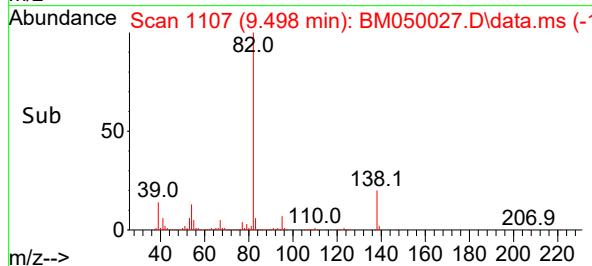
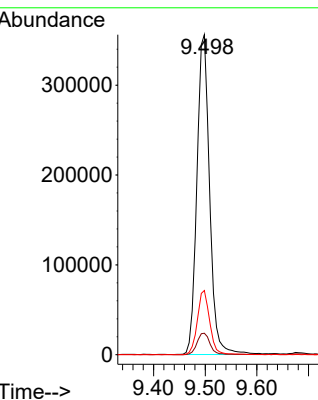
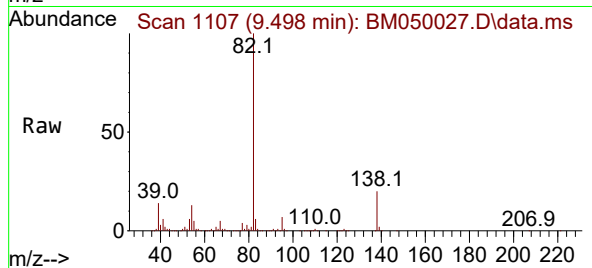
138 20.1 15.5 23.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#26

2-Nitrophenol

Concen: 19.211 ng

RT: 9.681 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

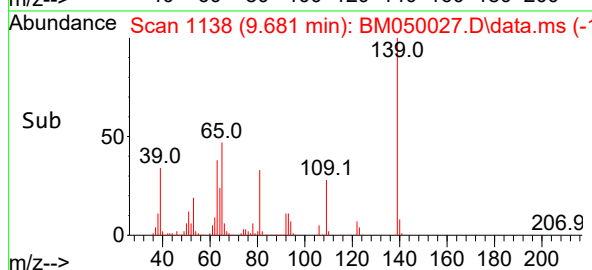
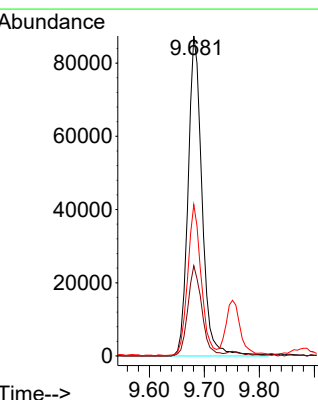
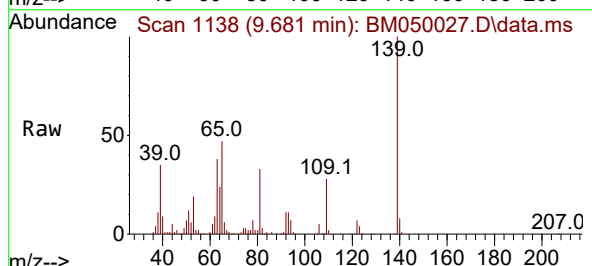
Tgt Ion:139 Resp: 154364

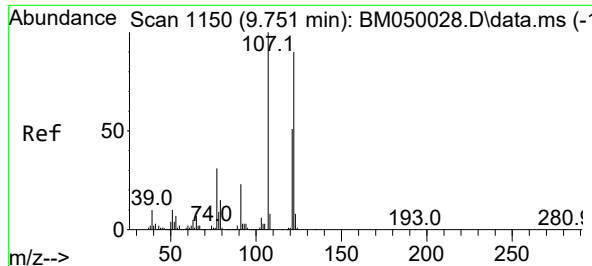
Ion Ratio Lower Upper

139 100

109 28.2 21.9 32.9

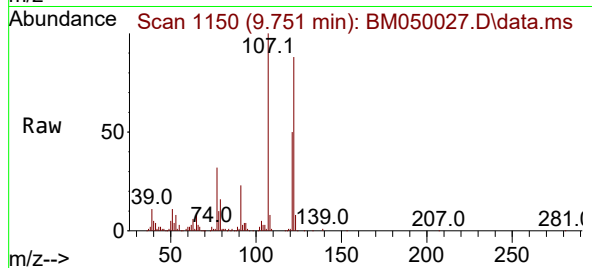
65 47.3 35.4 53.2





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

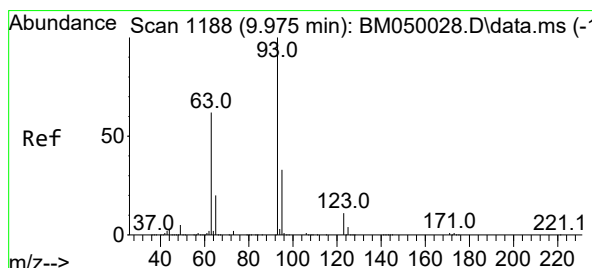
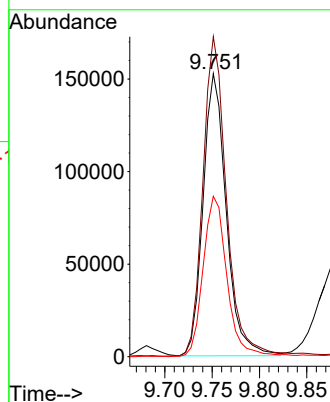
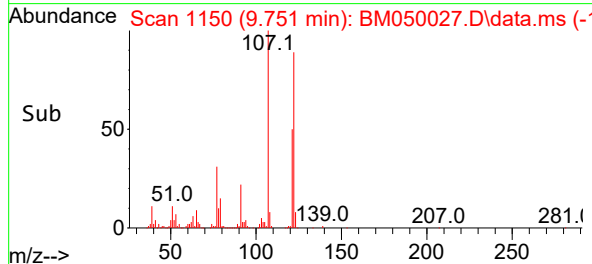
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

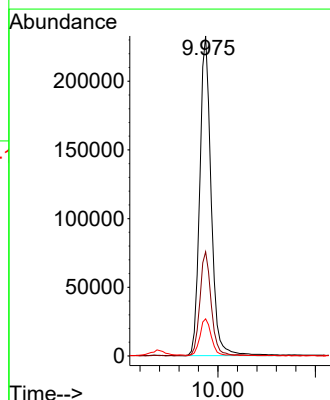
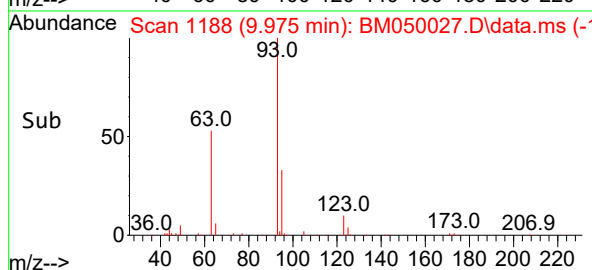
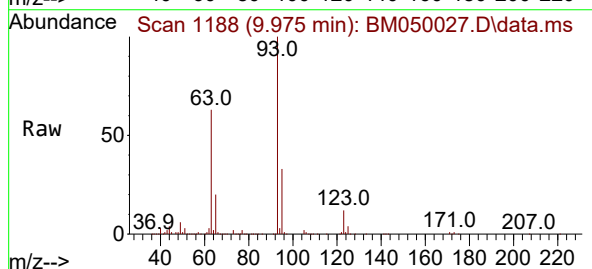
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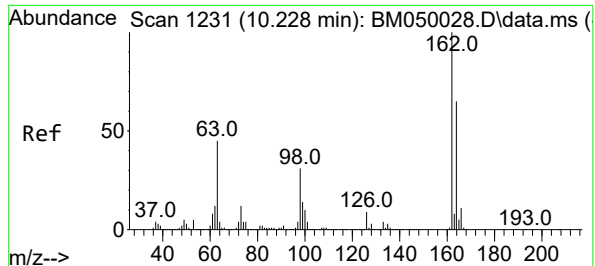
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





#29

2,4-Dichlorophenol

Concen: 19.582 ng

RT: 10.234 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 292330

Ion Ratio Lower Upper

162 100

164 65.2 45.4 85.4

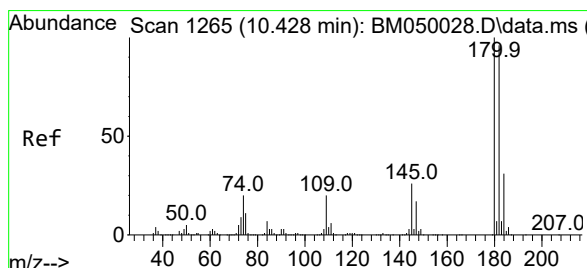
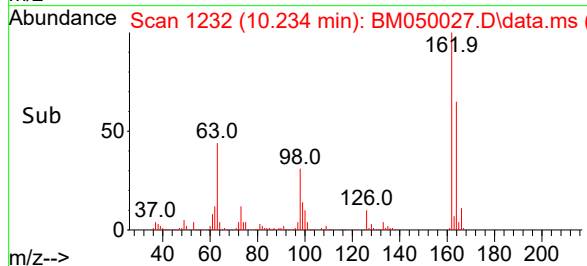
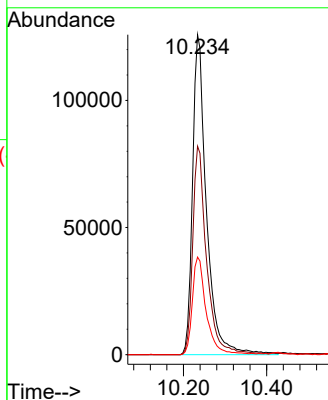
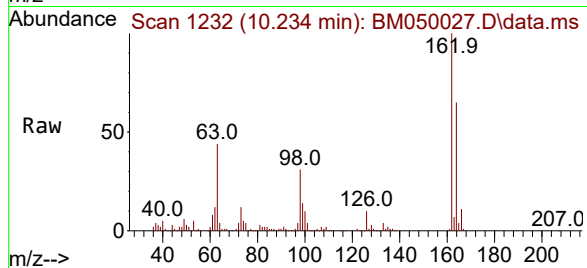
98 30.5 11.3 51.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.397 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

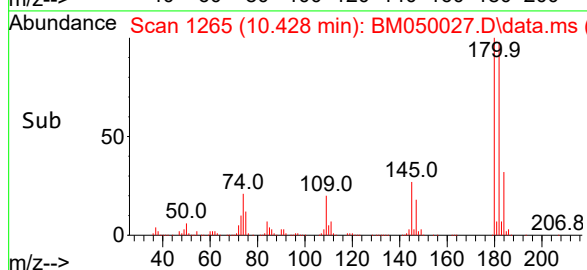
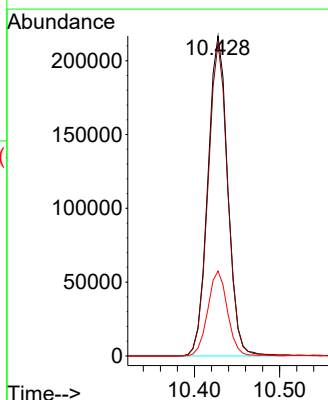
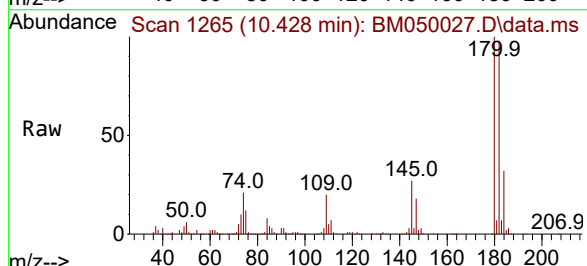
Tgt Ion:180 Resp: 352792

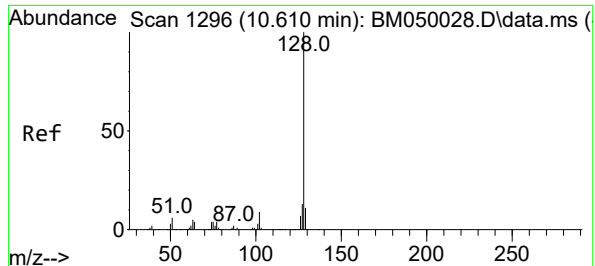
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.4

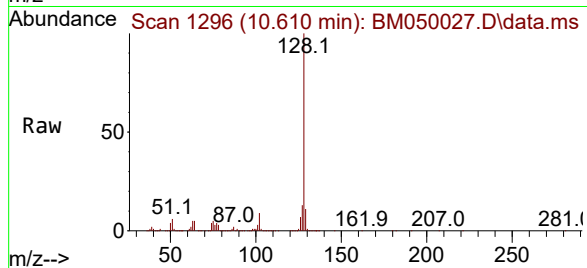
145 26.6 20.6 30.8





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

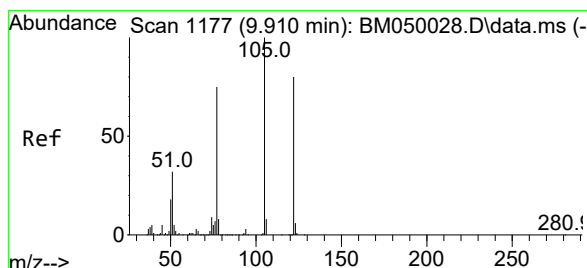
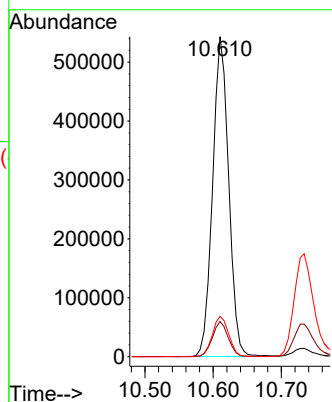
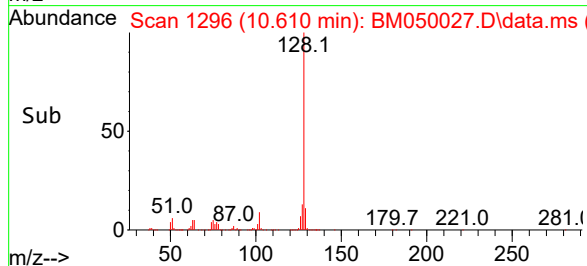
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

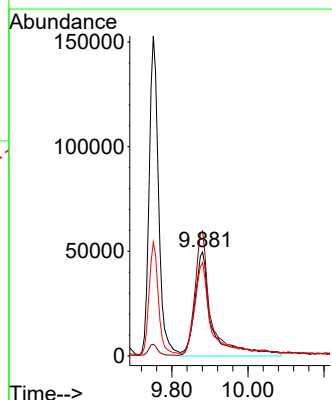
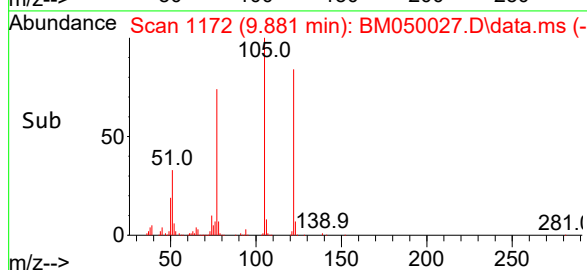
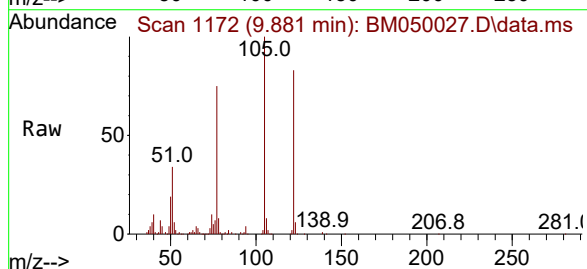
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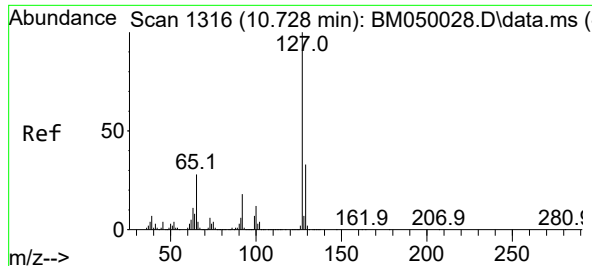
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

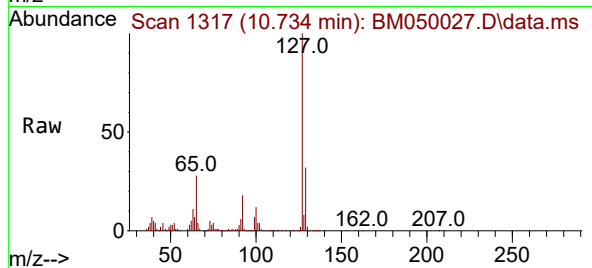
Tgt Ion:122 Resp: 154412
Ion Ratio Lower Upper
122 100
105 120.1 103.6 143.6
77 89.7 73.7 113.7





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

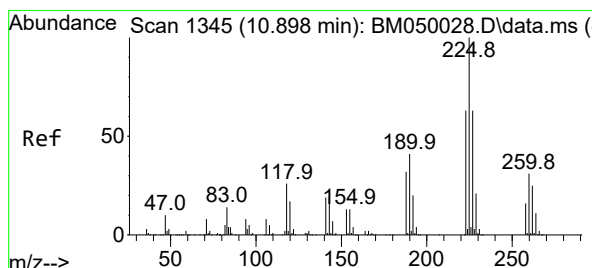
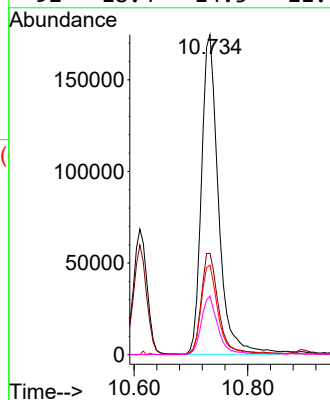
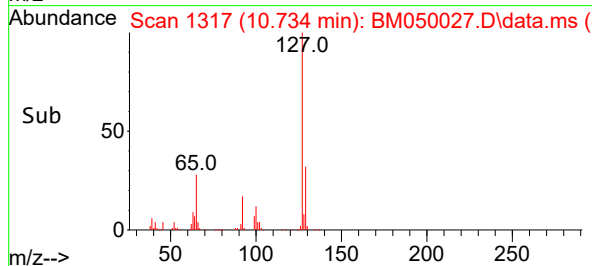
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



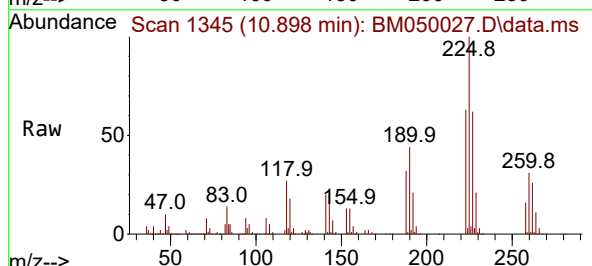
Tgt Ion:127 Resp: 362360
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 28.0 22.5 33.7
92 18.4 14.5 21.7

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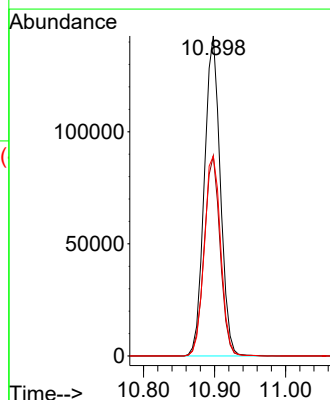
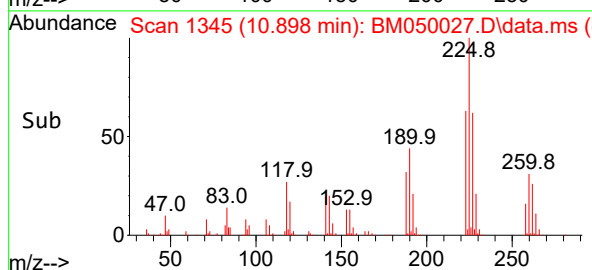
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

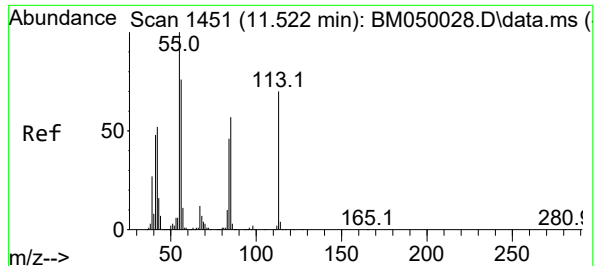


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



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





#35

Caprolactam

Concen: 19.509 ng

RT: 11.516 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 8491

Ion Ratio Lower Upper

113 100

55 154.8 122.9 162.9

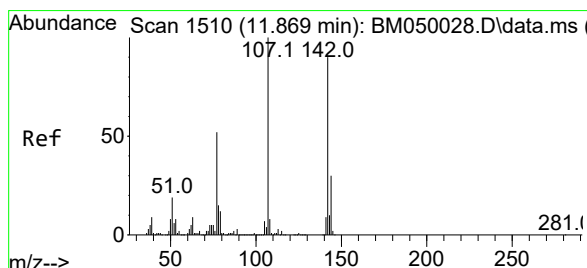
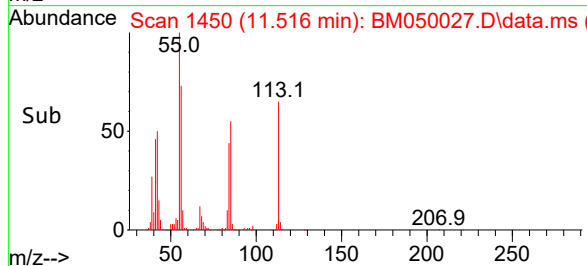
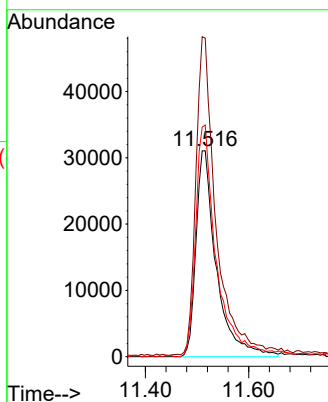
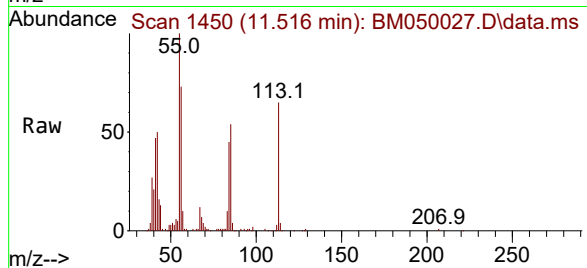
56 112.6 88.1 128.1

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#36

4-Chloro-3-methylphenol

Concen: 19.613 ng

RT: 11.875 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

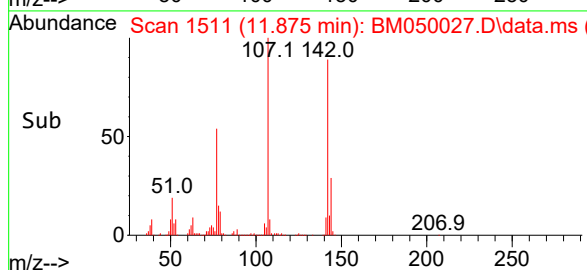
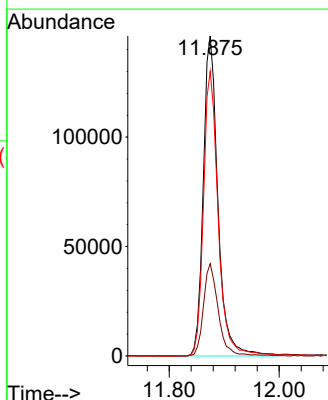
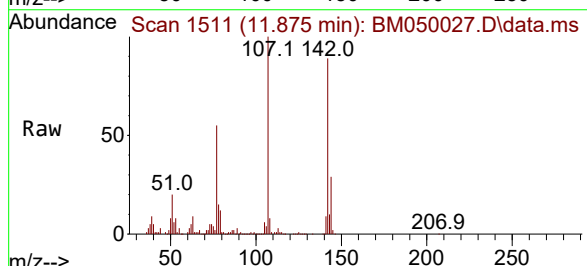
Tgt Ion:107 Resp: 270510

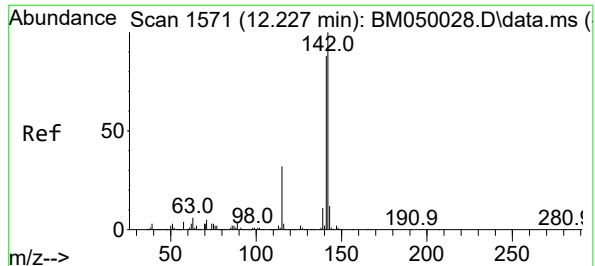
Ion Ratio Lower Upper

107 100

144 28.8 23.8 35.6

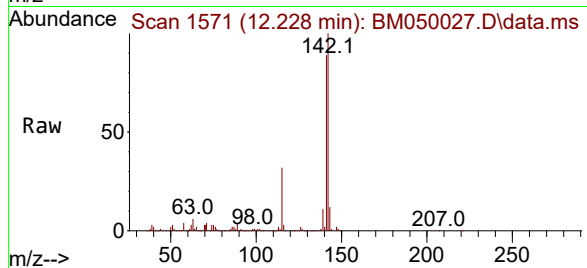
142 89.0 71.9 107.9





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

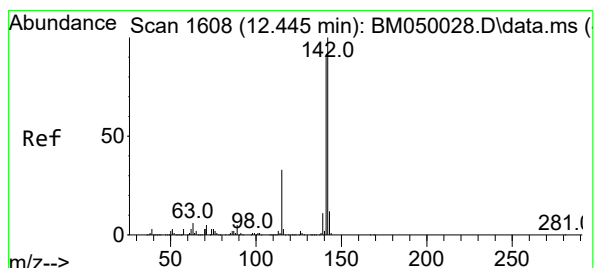
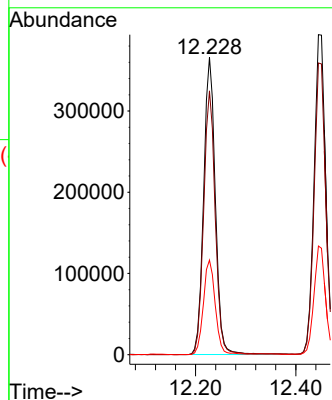
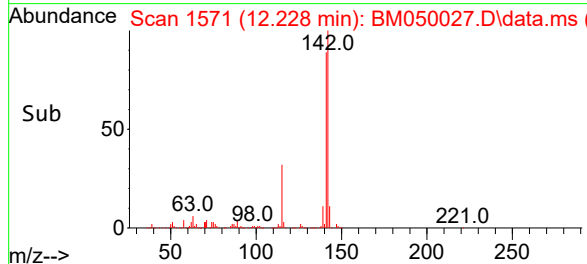
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



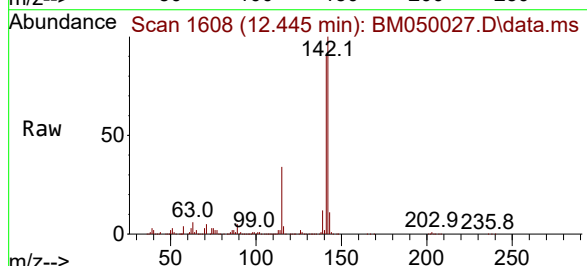
Tgt Ion:142 Resp: 593400
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 31.8 25.4 38.2

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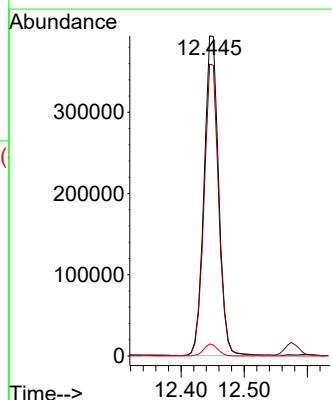
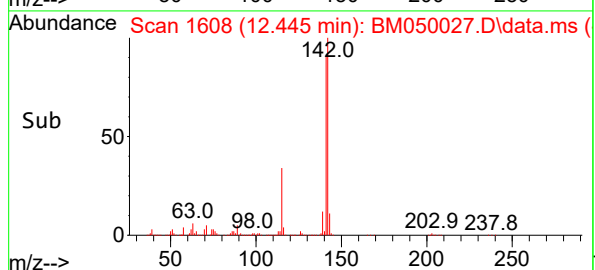
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

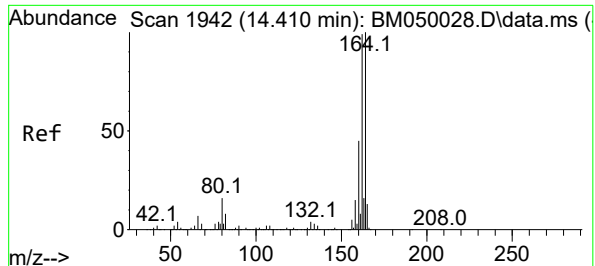


#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050027.D

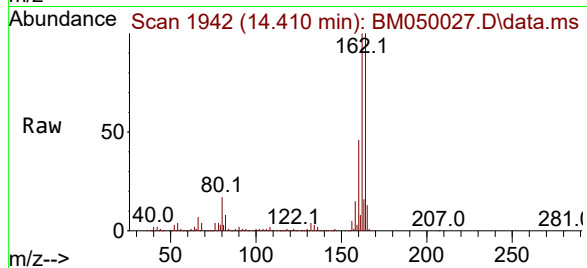
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 61468

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

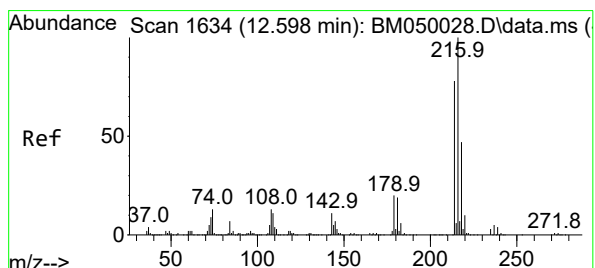
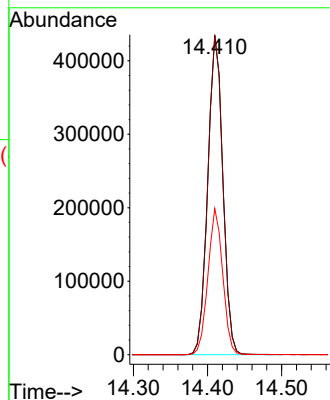
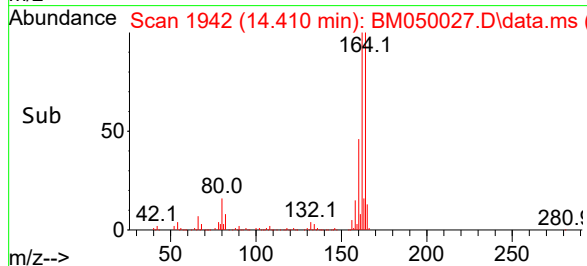
160 45.8 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

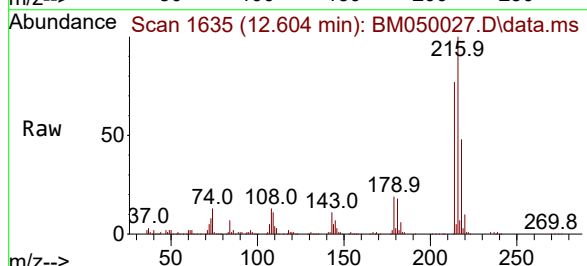
Concen: 18.909 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:216 Resp: 402355

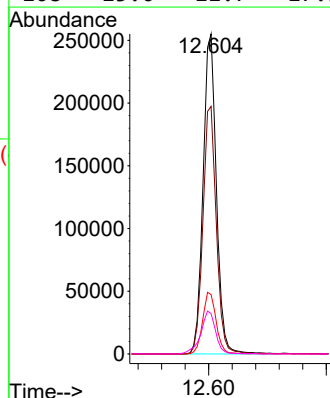
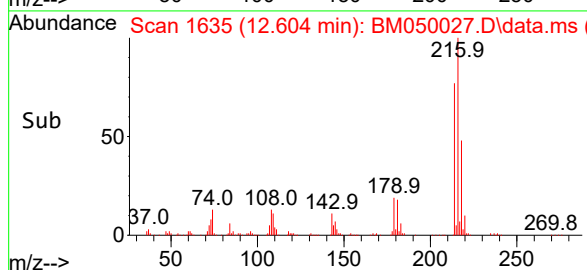
Ion Ratio Lower Upper

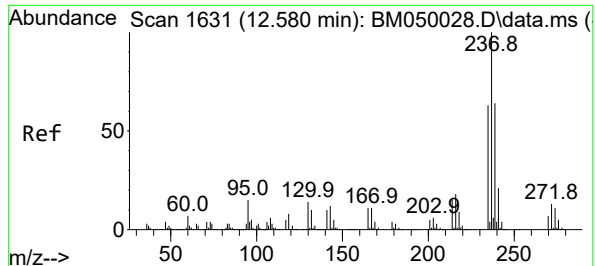
216 100

214 78.2 62.3 93.5

179 19.6 15.4 23.0

108 15.0 11.7 17.5





#41

Hexachlorocyclopentadiene

Concen: 17.091 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:237 Resp: 222254

Ion Ratio Lower Upper

237 100

235 63.1 42.9 82.9

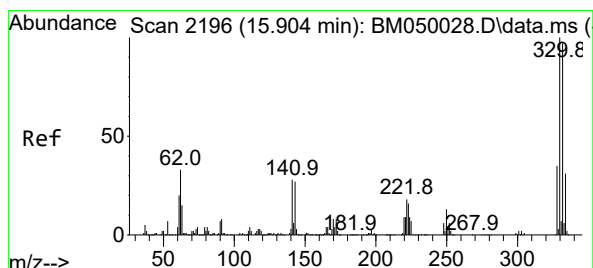
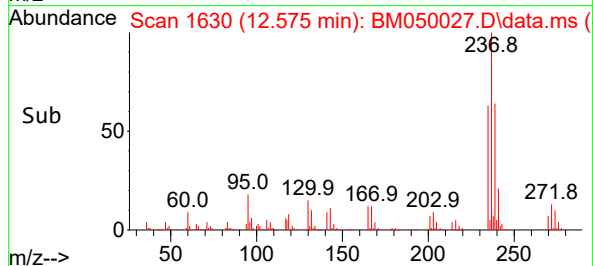
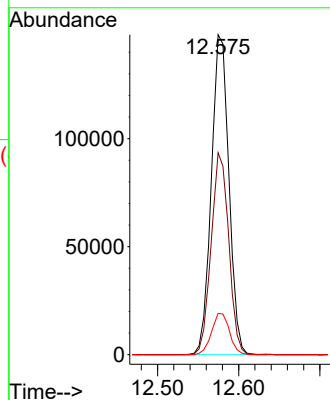
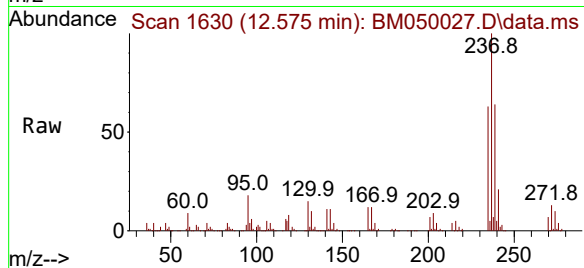
272 12.9 0.0 32.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#42

2,4,6-Tribromophenol

Concen: 37.960 ng

RT: 15.904 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

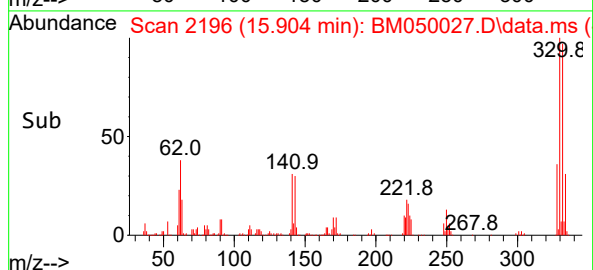
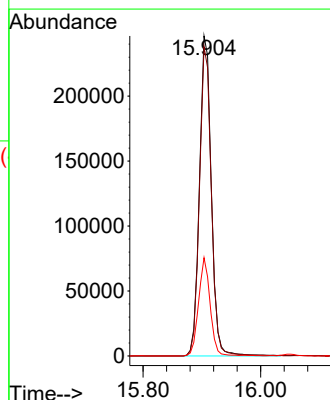
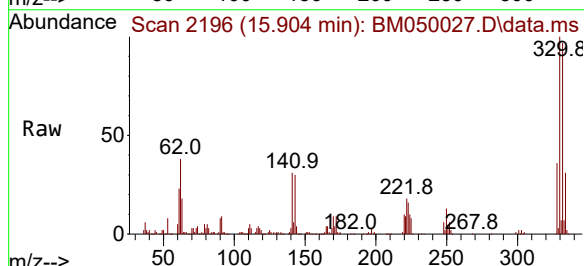
Tgt Ion:330 Resp: 345020

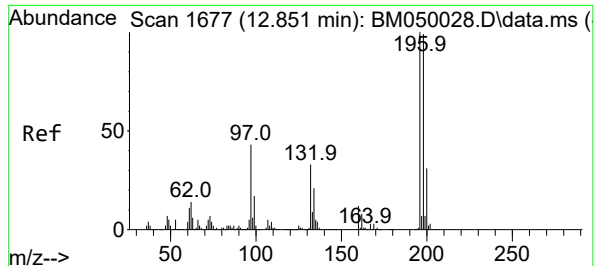
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 30.1 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 19.276 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050027.D

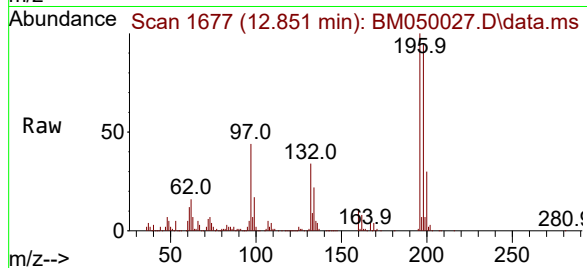
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 26016

Ion Ratio Lower Upper

196 100

198 94.8 79.0 118.6

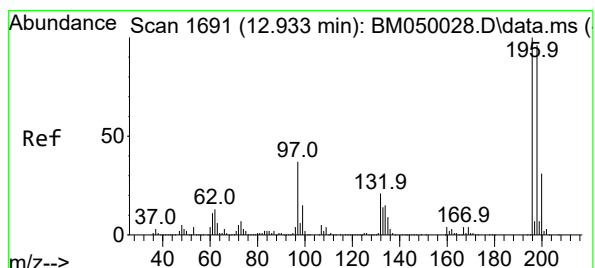
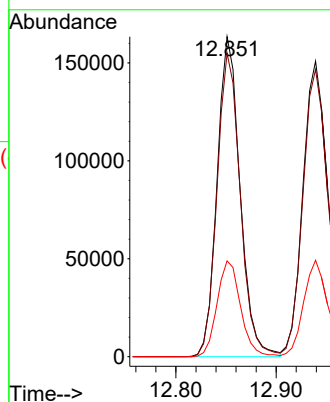
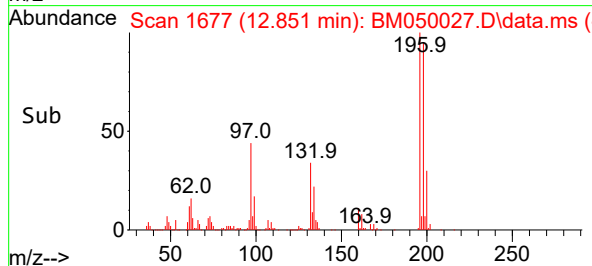
200 30.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

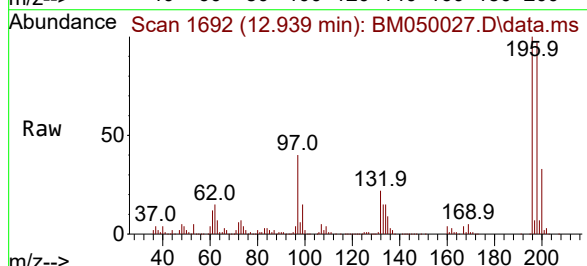
Concen: 19.123 ng

RT: 12.939 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:196 Resp: 278307

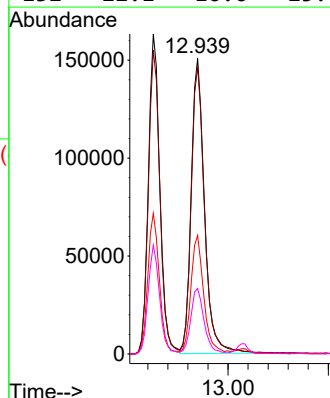
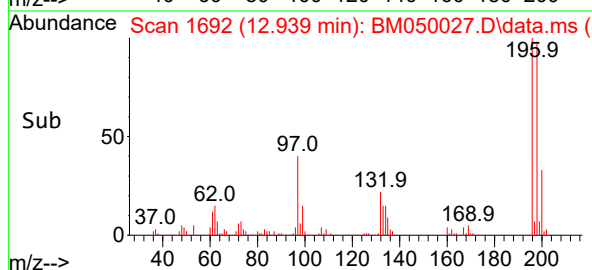
Ion Ratio Lower Upper

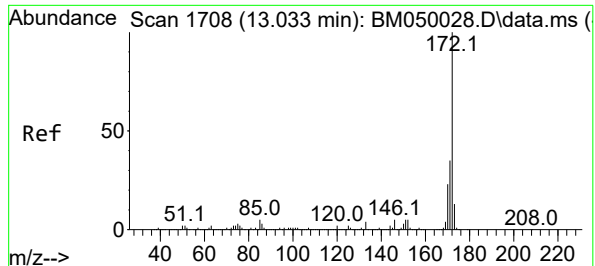
196 100

198 97.2 76.7 115.1

97 40.1 30.1 45.1

132 22.1 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 38.602 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 200578

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

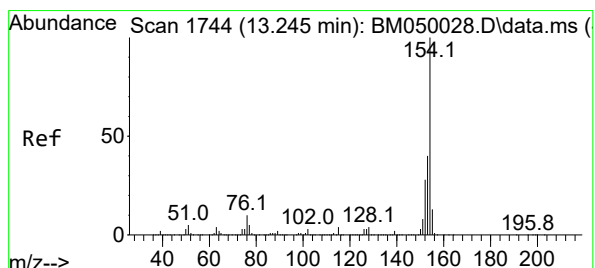
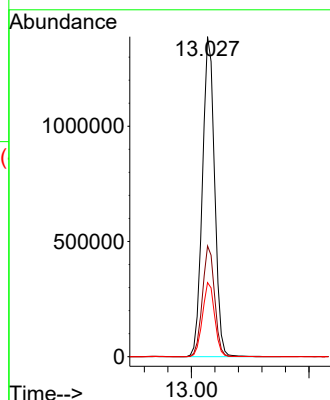
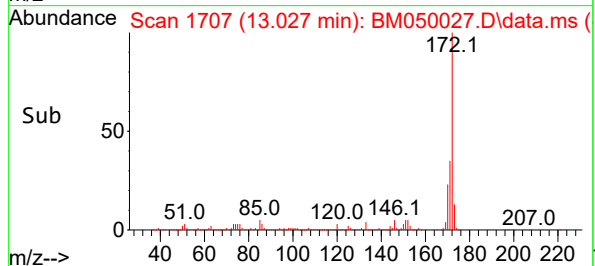
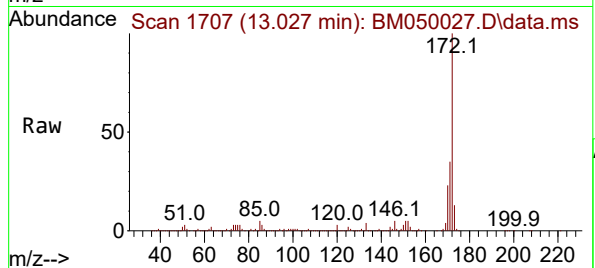
170 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

Concen: 19.530 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

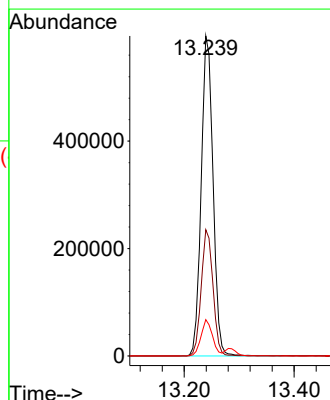
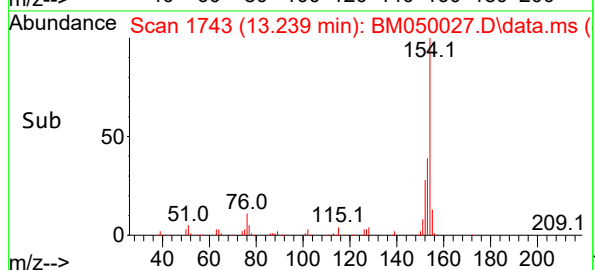
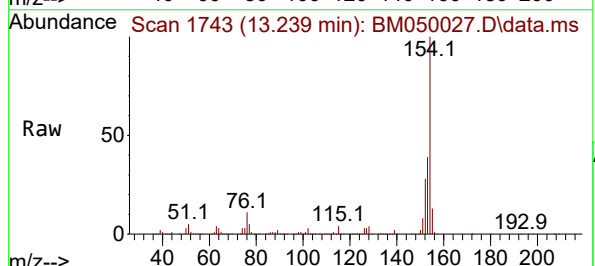
Tgt Ion:154 Resp: 892394

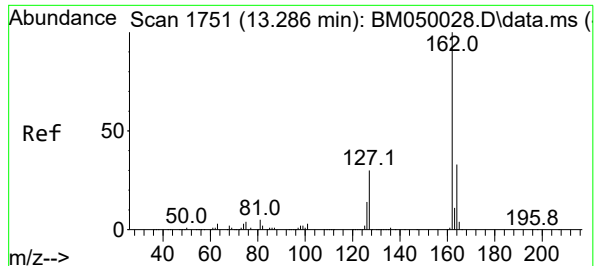
Ion Ratio Lower Upper

154 100

153 39.5 20.0 60.0

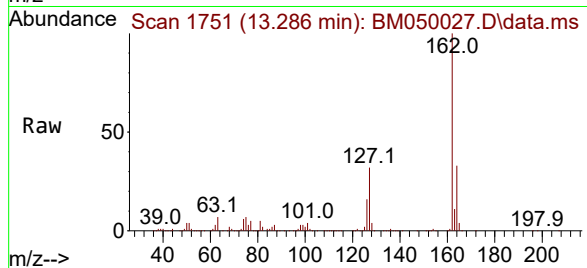
76 11.3 0.0 30.3





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

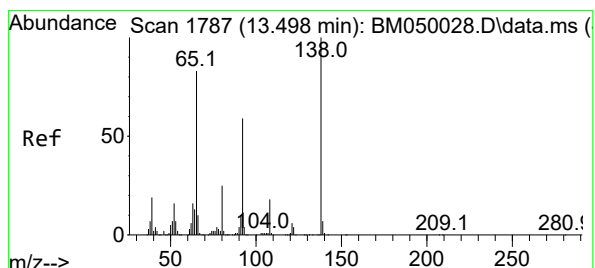
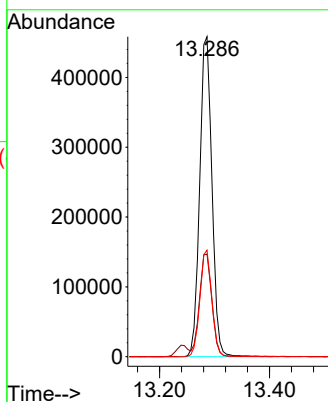
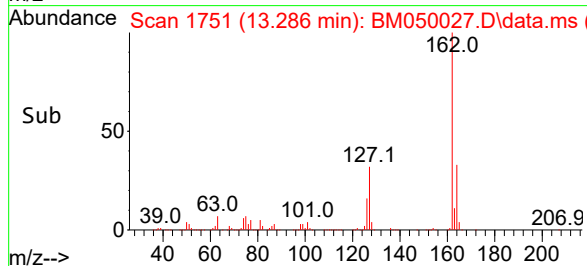
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

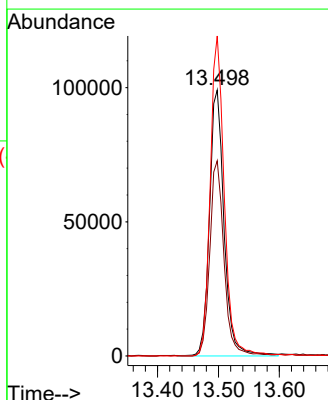
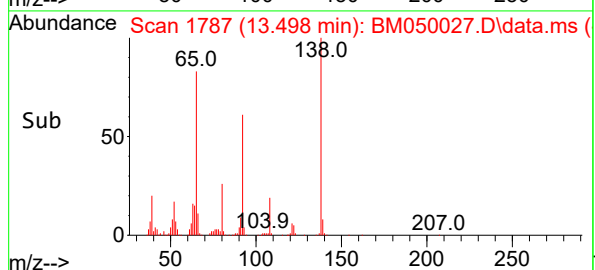
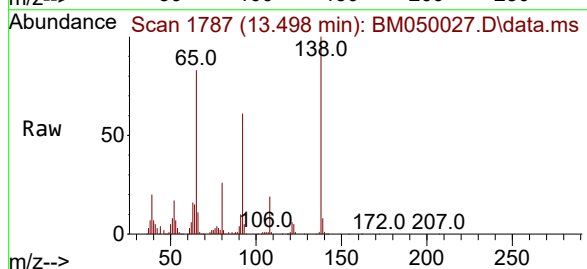
Manual Integrations
APPROVED

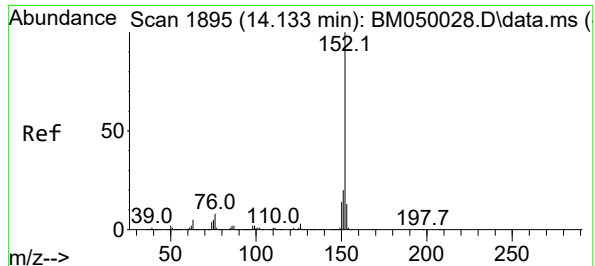
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

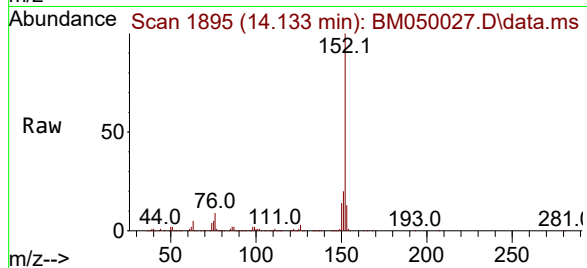
Tgt Ion: 65 Resp: 165324
Ion Ratio Lower Upper
65 100
92 73.4 57.1 85.7
138 120.3 97.0 145.4





#49
Acenaphthylene
Concen: 19.502 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

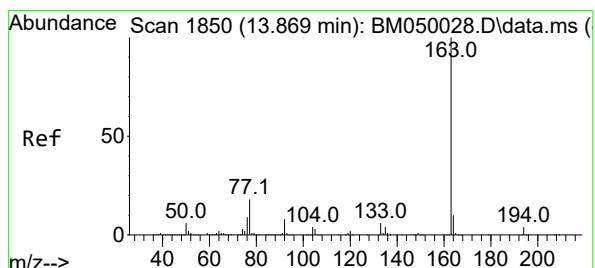
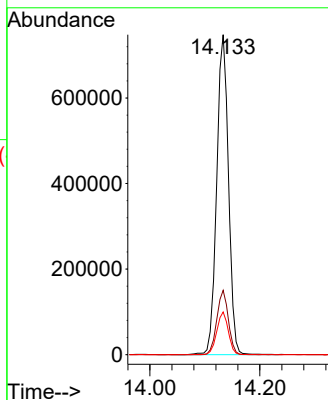
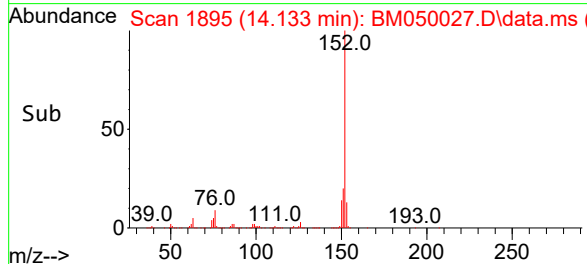
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 1112760
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 15.8

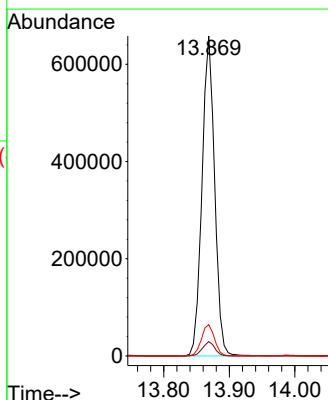
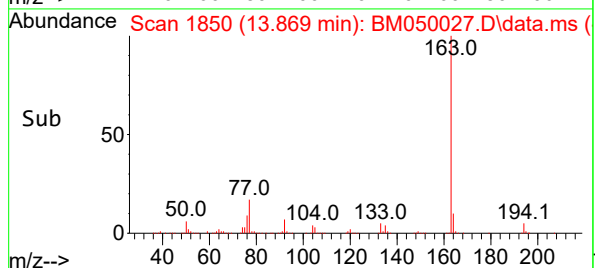
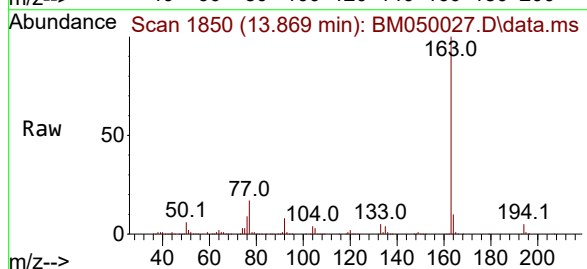
Manual Integrations
APPROVED

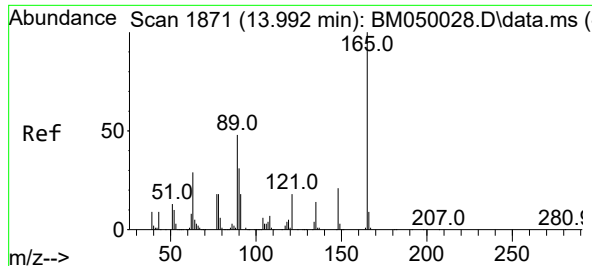
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 19.659 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

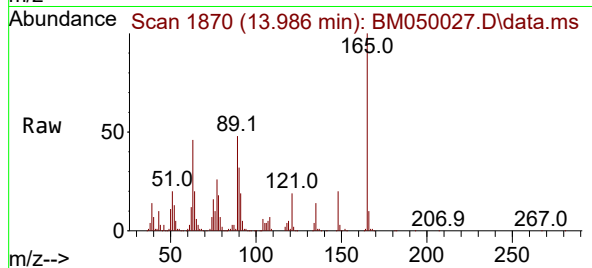
Tgt Ion:163 Resp: 883120
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.2





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

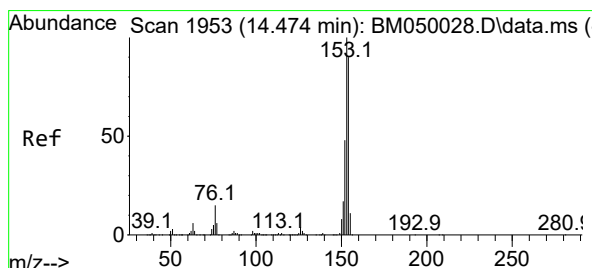
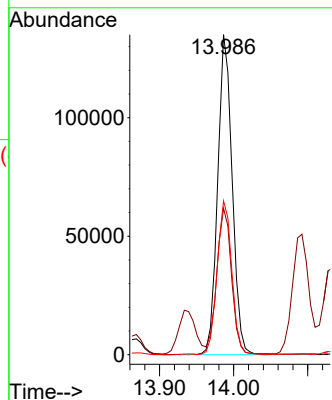
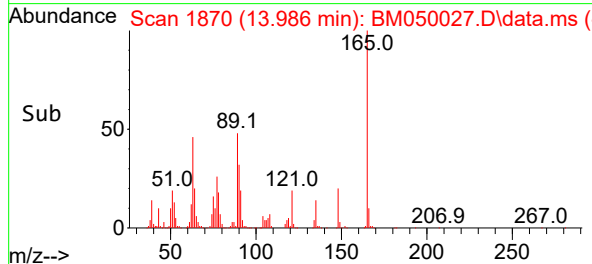
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

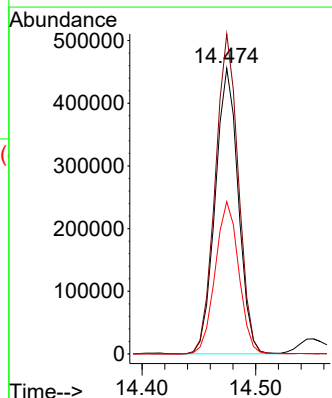
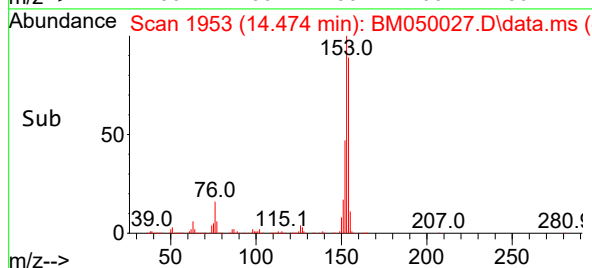
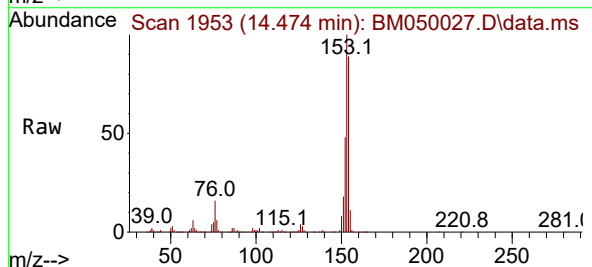
Manual Integrations
APPROVED

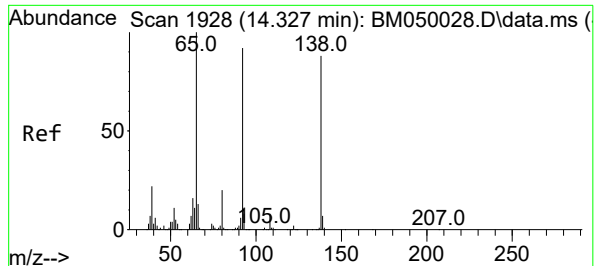
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

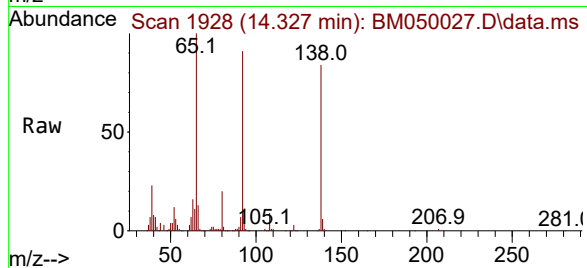
Tgt Ion:154 Resp: 643177
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 53.3 43.0 64.6





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

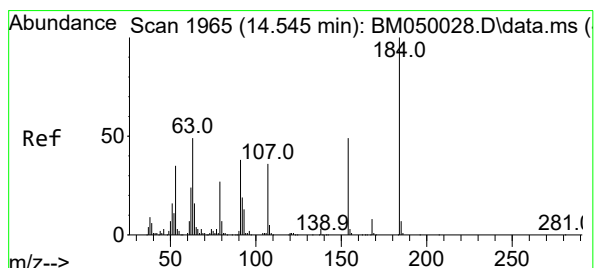
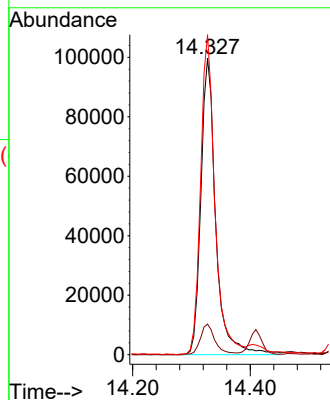
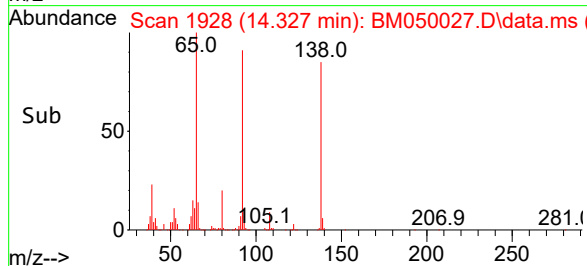
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



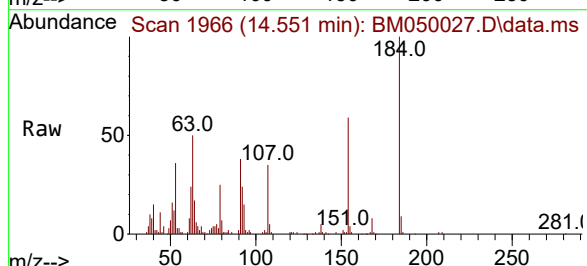
Tgt Ion:138 Resp: 174620
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 107.9 84.0 126.0

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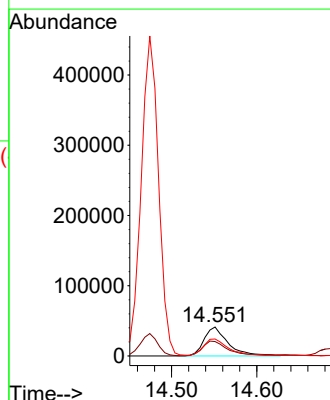
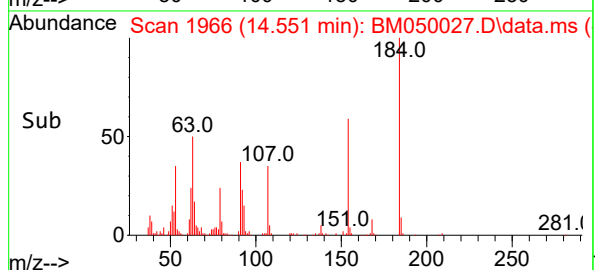
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

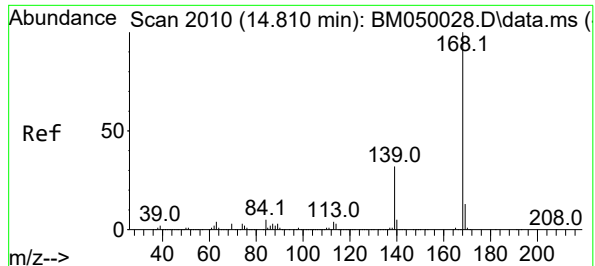


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



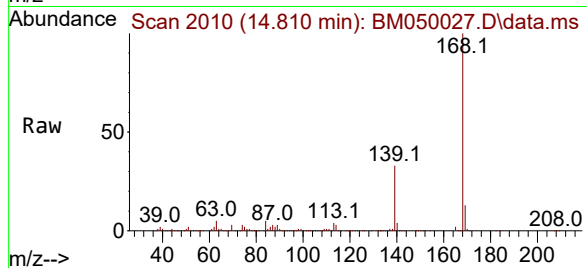
Tgt Ion:184 Resp: 80991
Ion Ratio Lower Upper
184 100
63 50.1 39.8 59.6
154 58.5 46.1 69.1





#55
Dibenzenofuran
Concen: 19.562 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

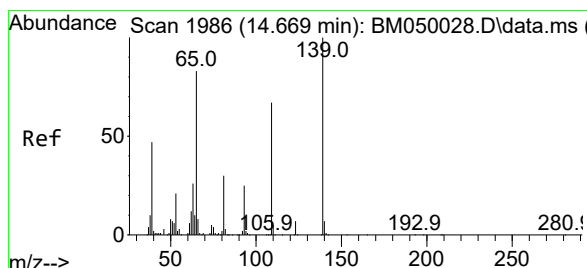
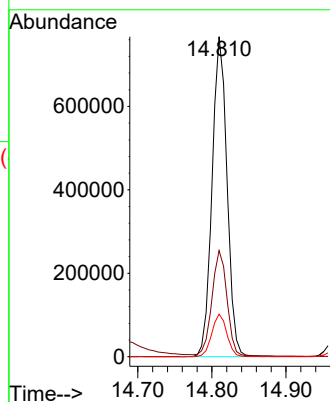
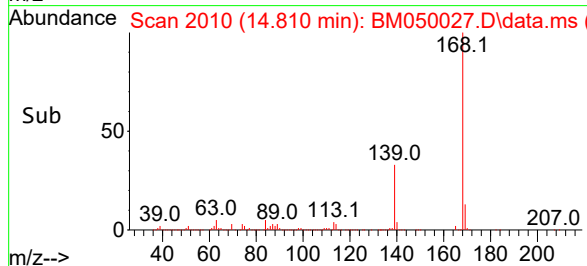
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



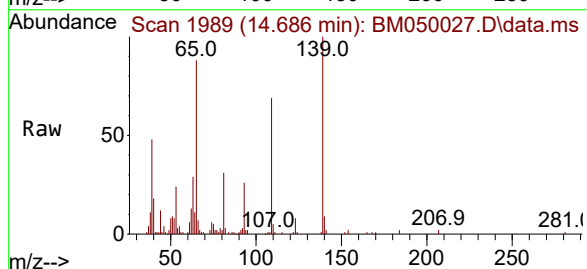
Tgt Ion:168 Resp: 107497
Ion Ratio Lower Upper
168 100
139 33.2 26.1 39.1
169 13.3 10.8 16.2

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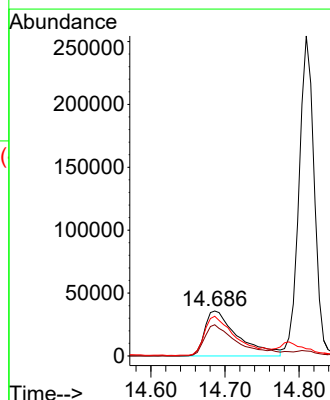
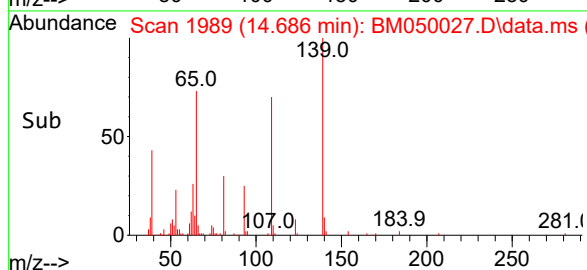
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

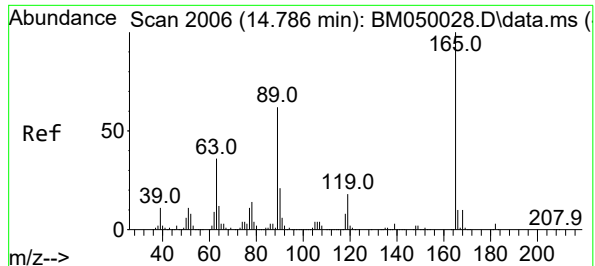


#56
4-Nitrophenol
Concen: 19.021 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



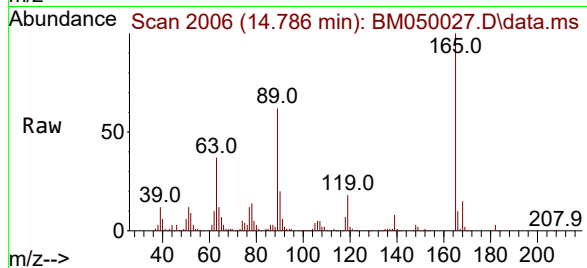
Tgt Ion:139 Resp: 110948
Ion Ratio Lower Upper
139 100
109 69.3 47.0 87.0
65 88.3 64.3 104.3





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

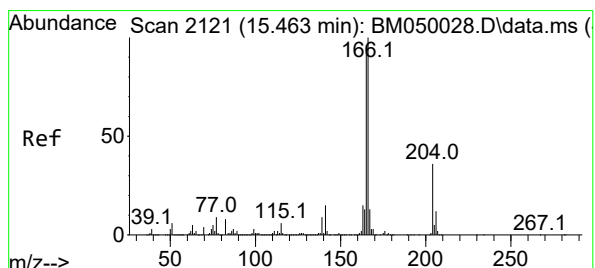
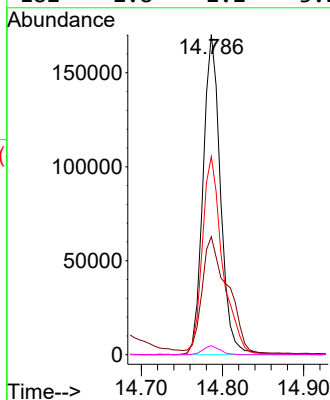
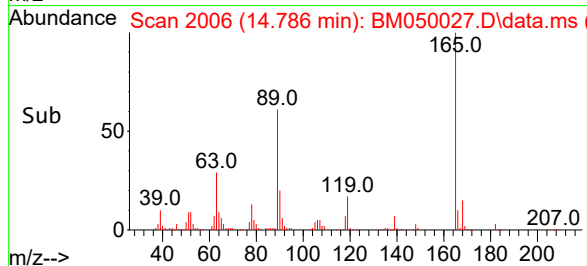
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



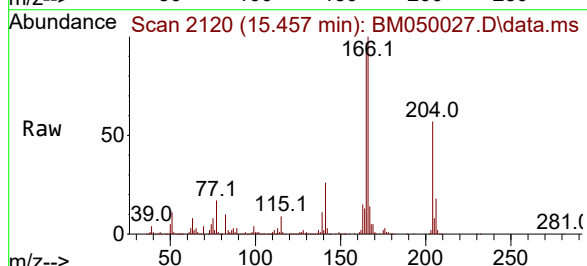
Tgt Ion:165 Resp: 252994
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 61.9 49.4 74.2
182 2.8 2.2 3.2

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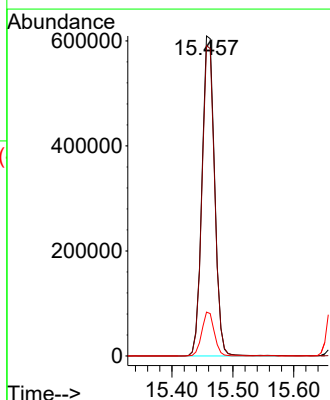
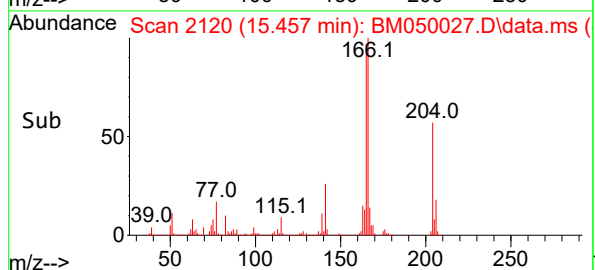
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

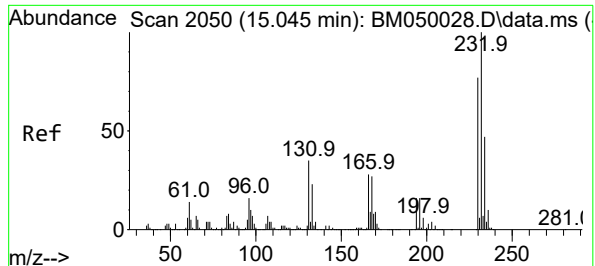


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



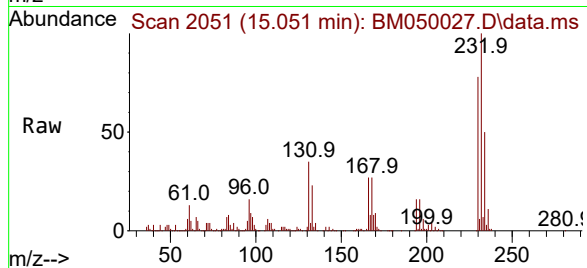
Tgt Ion:166 Resp: 879470
Ion Ratio Lower Upper
166 100
165 97.0 76.6 115.0
167 13.7 10.6 16.0





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

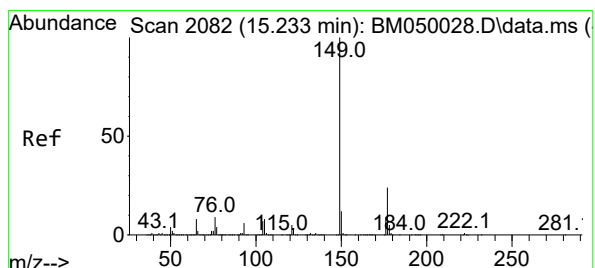
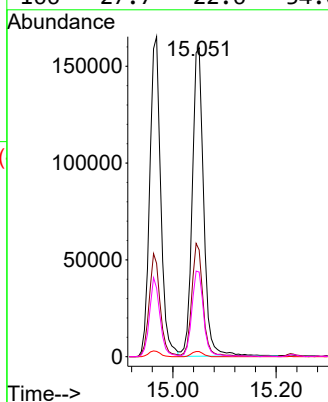
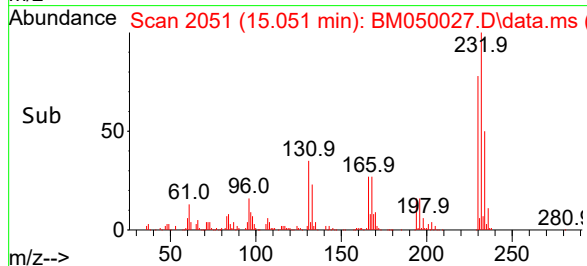
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



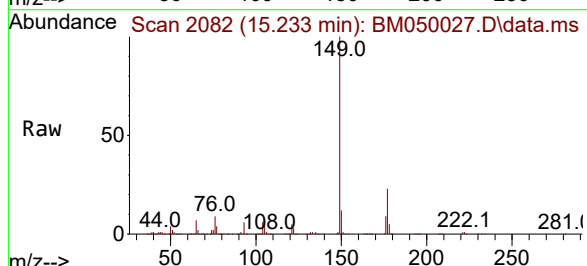
Tgt Ion:232 Resp: 244928
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 1.7 1.5 2.3
166 27.7 22.6 34.0

Manual Integrations
APPROVED

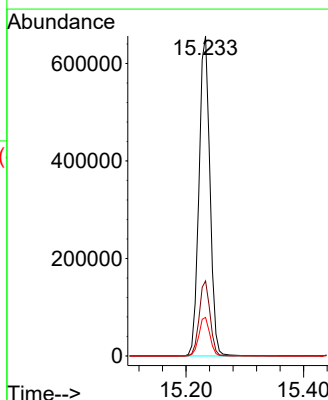
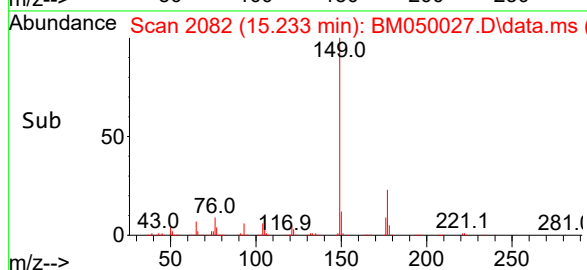
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

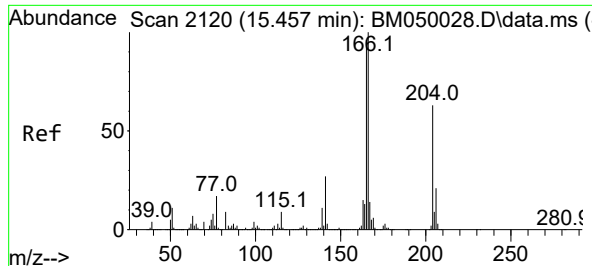


#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



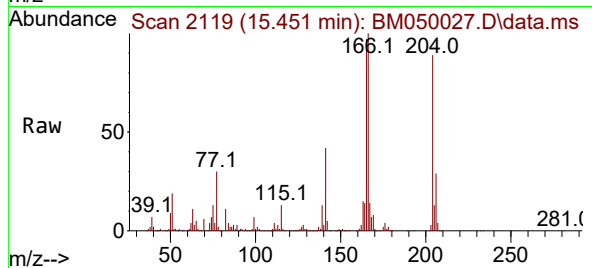
Tgt Ion:149 Resp: 848021
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.1 9.6 14.4





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

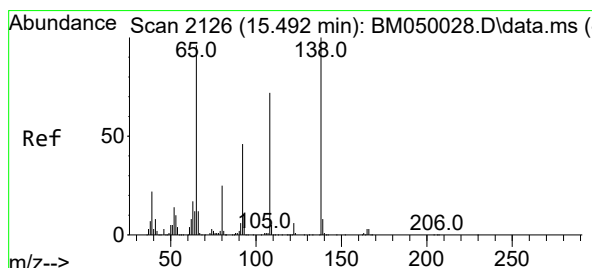
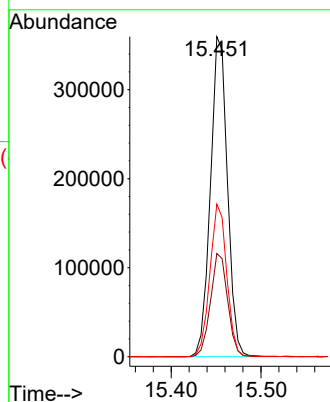
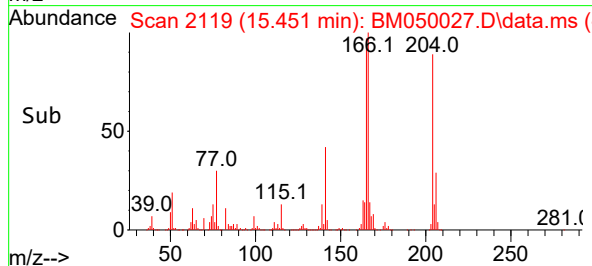
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

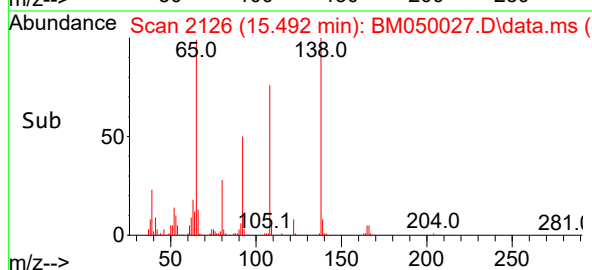
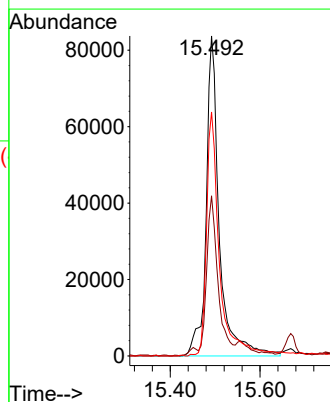
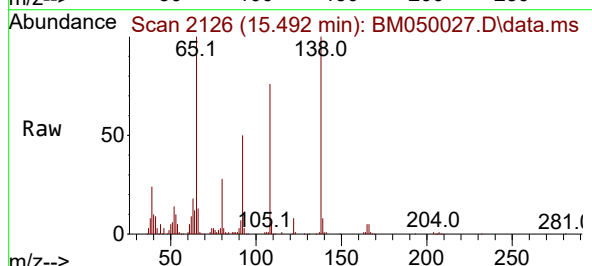
Manual Integrations
APPROVED

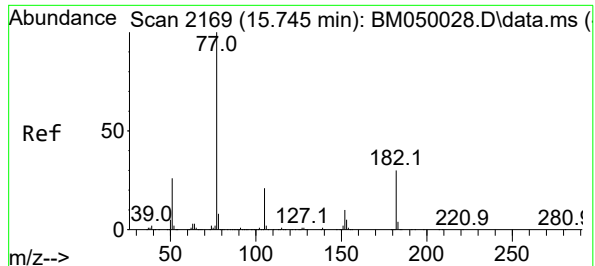
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

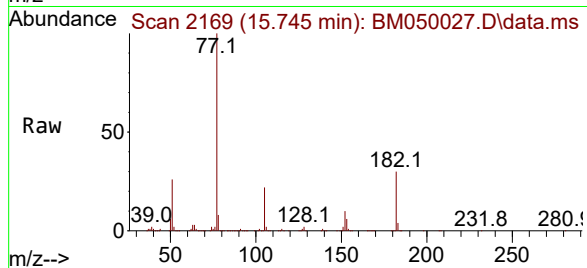
Tgt Ion:138 Resp: 170438
Ion Ratio Lower Upper
138 100
92 50.0 25.9 65.9
108 76.3 52.4 92.4





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

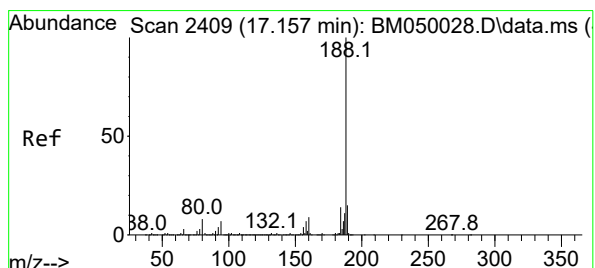
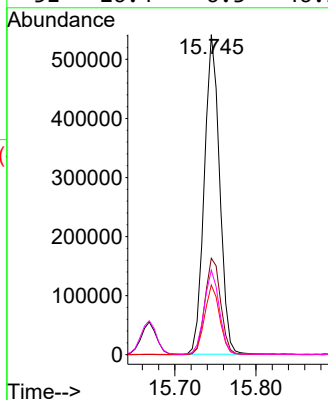
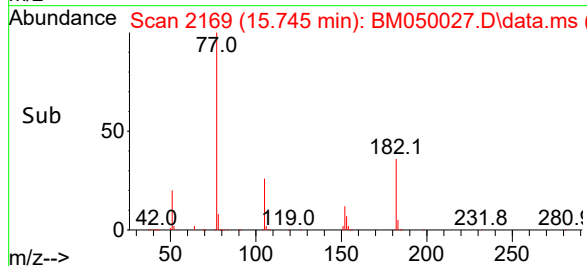
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

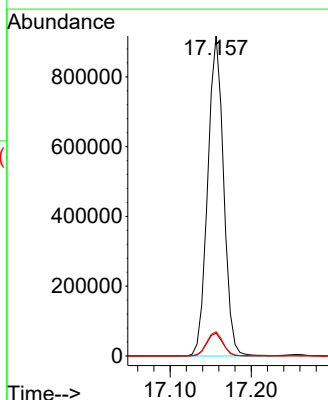
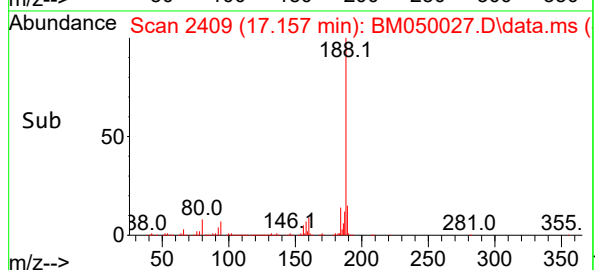
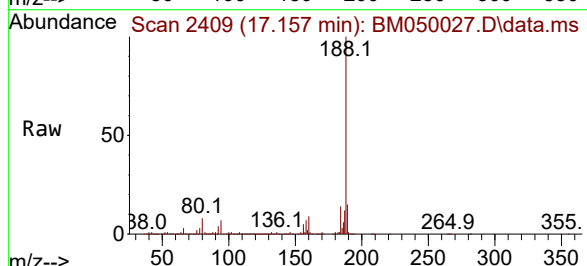
Manual Integrations
APPROVED

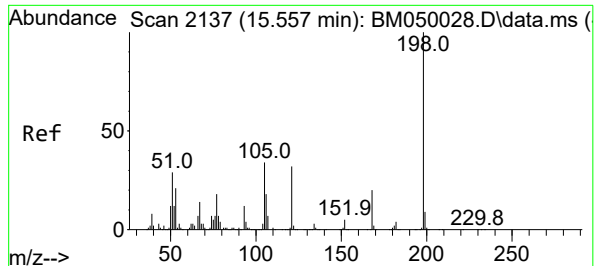
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

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





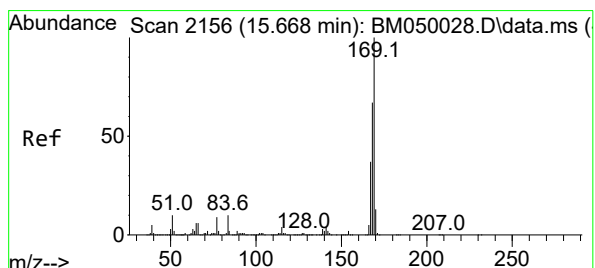
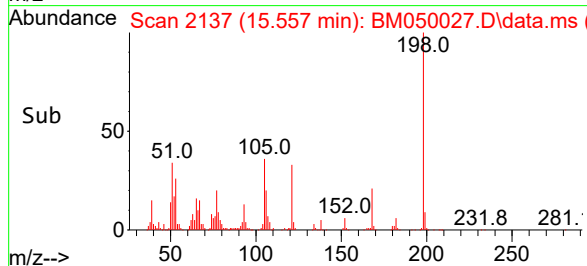
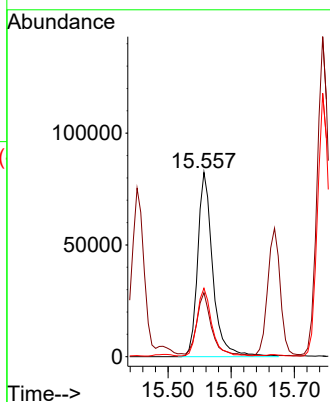
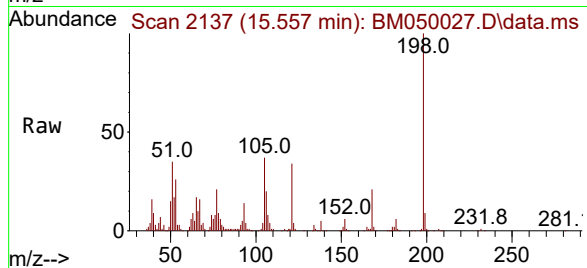
#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

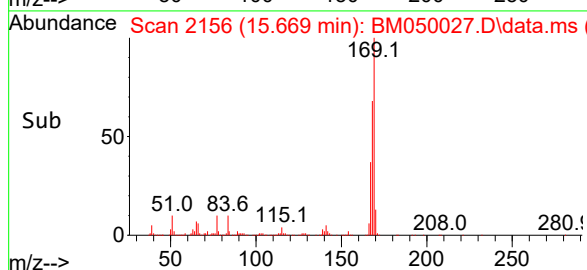
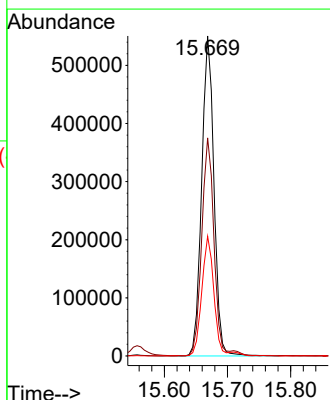
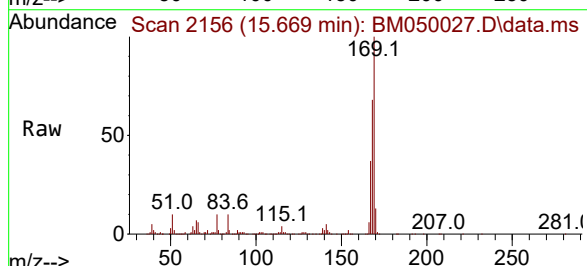
Manual Integrations
APPROVED

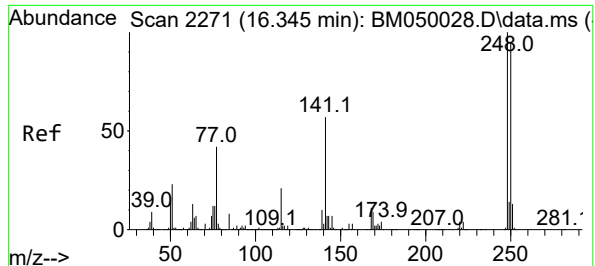
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

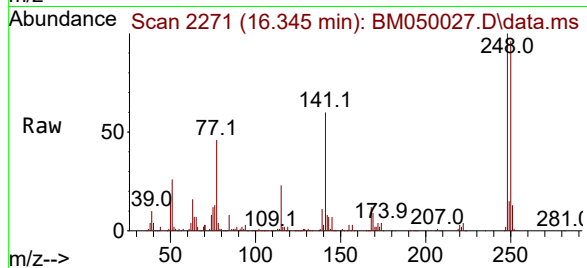
Tgt Ion:169 Resp: 741920
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 37.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

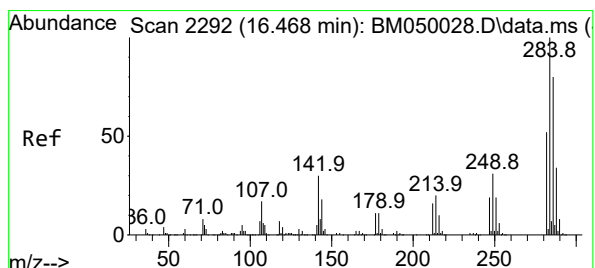
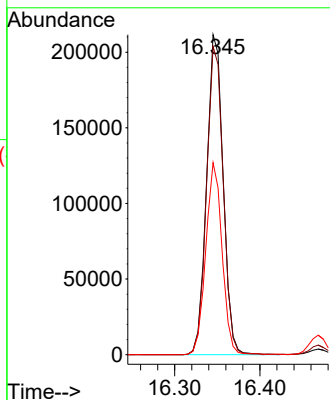
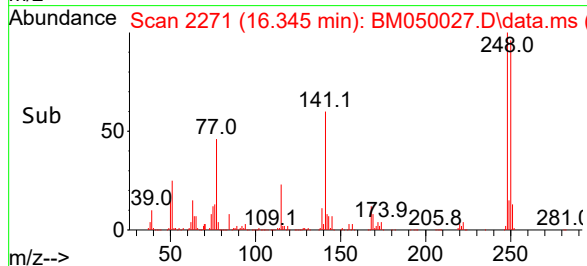
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



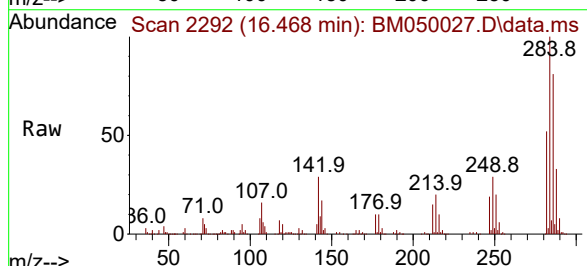
Tgt Ion:248 Resp: 285352
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 60.0 45.9 68.9

Manual Integrations
APPROVED

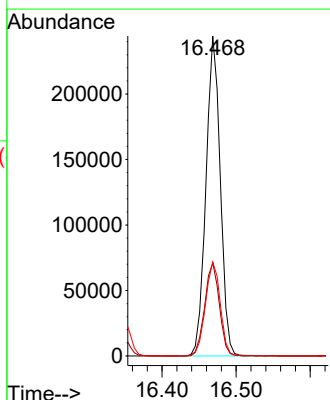
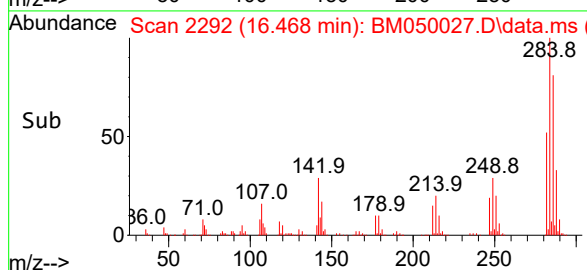
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

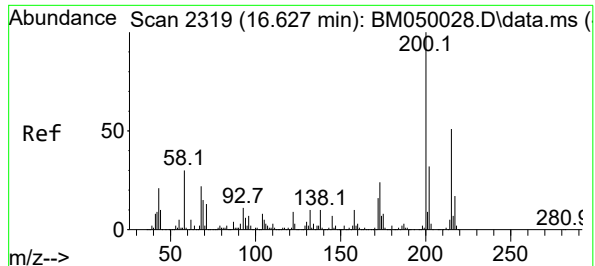


#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



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





#69

Atrazine

Concen: 19.303 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050027.D

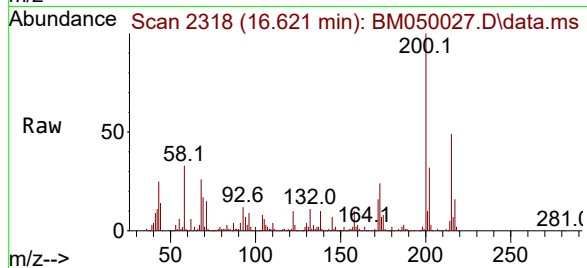
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:200 Resp: 26606

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

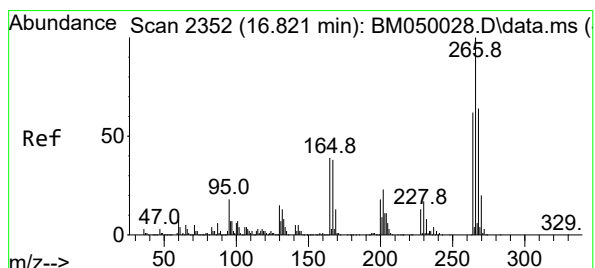
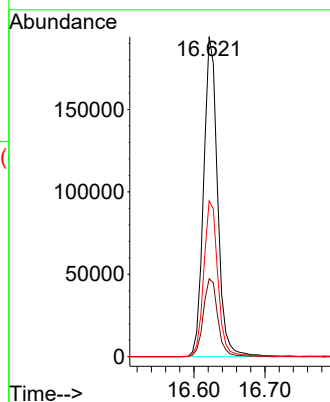
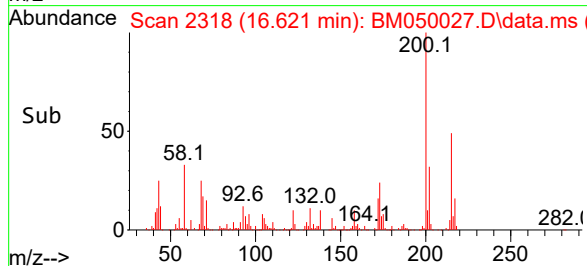
215 48.7 30.6 70.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#70

Pentachlorophenol

Concen: 18.004 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

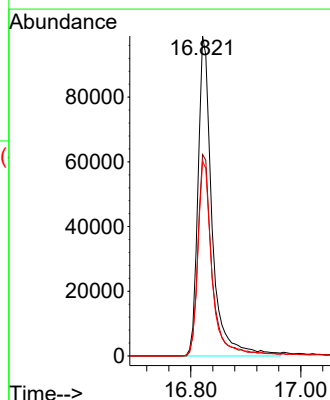
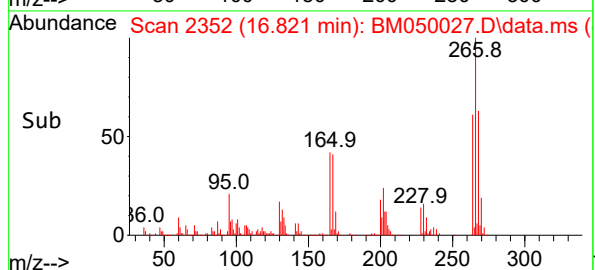
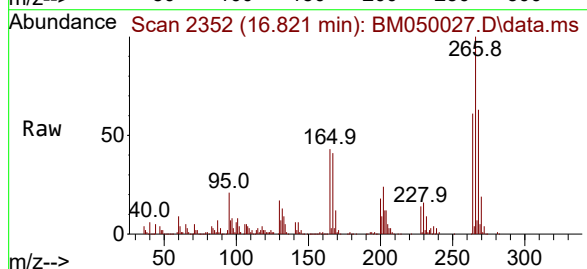
Tgt Ion:266 Resp: 175794

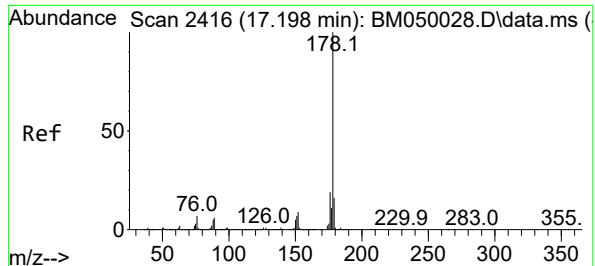
Ion Ratio Lower Upper

266 100

268 63.0 51.2 76.8

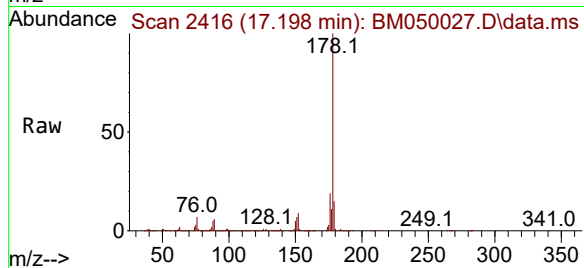
264 60.9 49.6 74.4





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

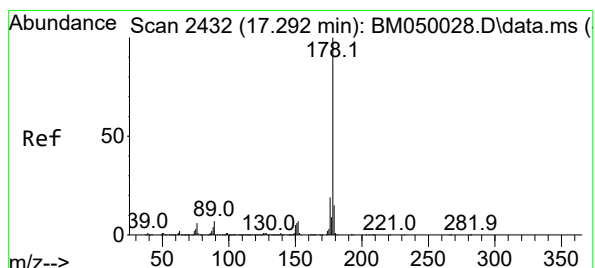
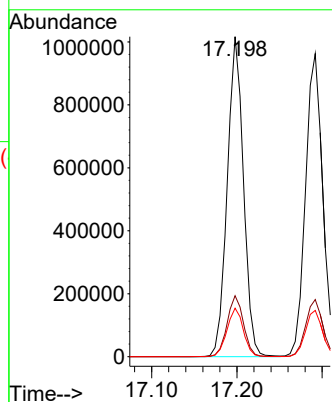
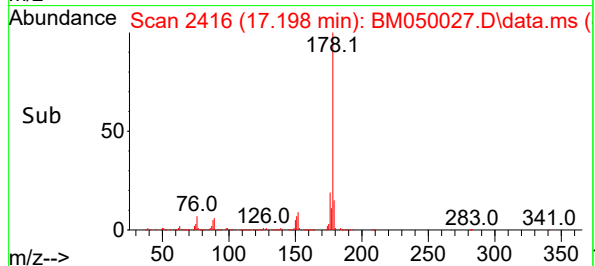
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

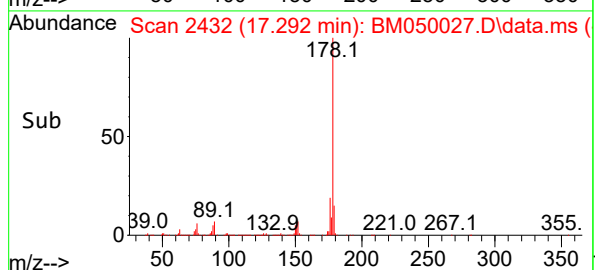
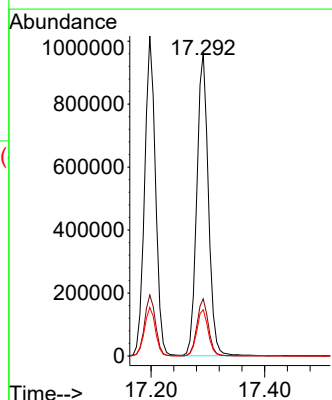
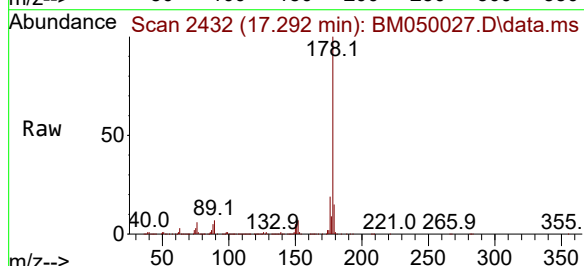
Manual Integrations
APPROVED

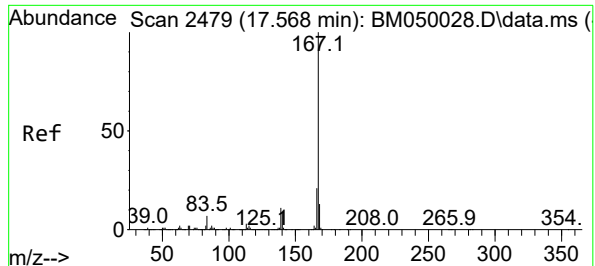
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

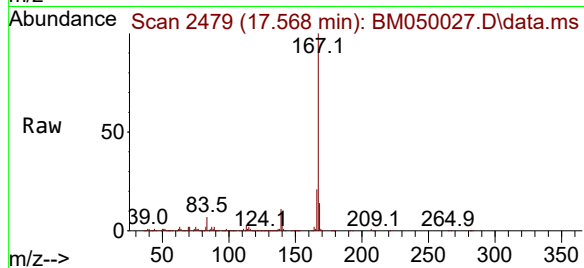
Tgt Ion:178 Resp: 1364462
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





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

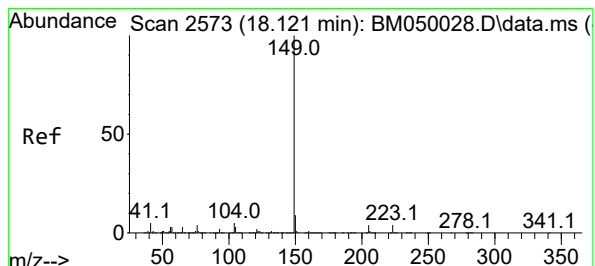
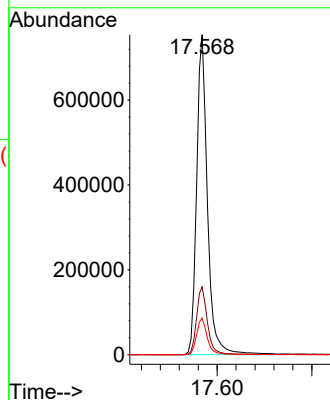
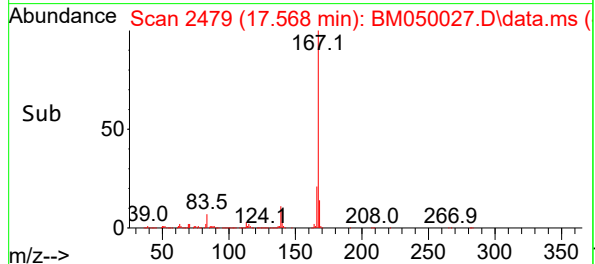
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

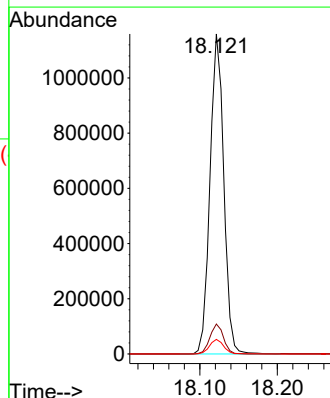
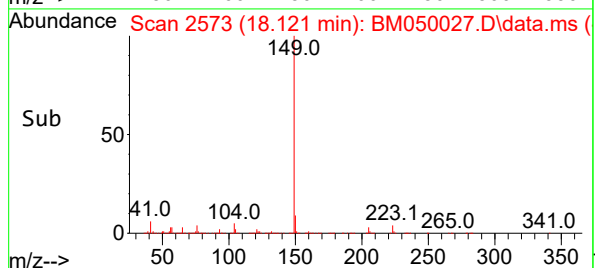
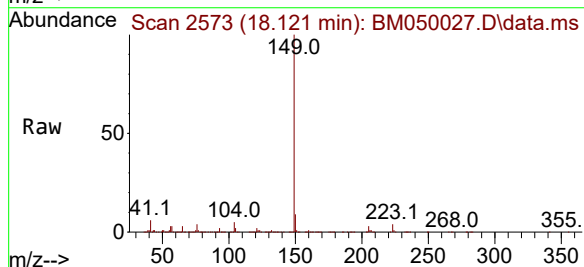
Manual Integrations
APPROVED

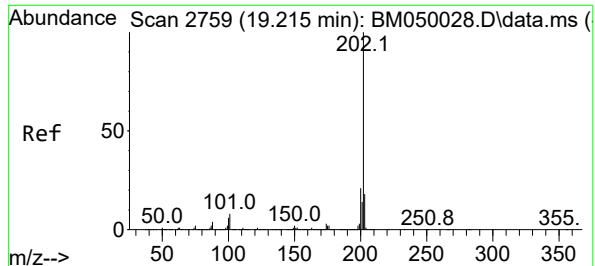
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

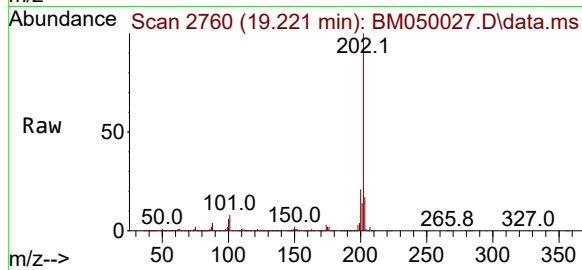
Tgt Ion:149 Resp: 1432688
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.6 3.8 5.6





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

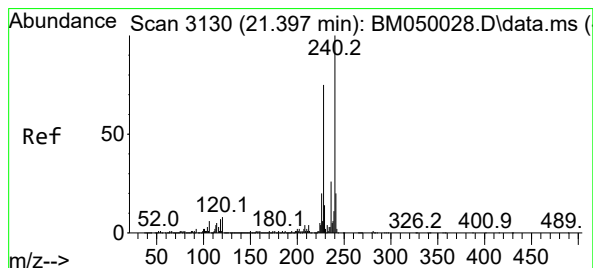
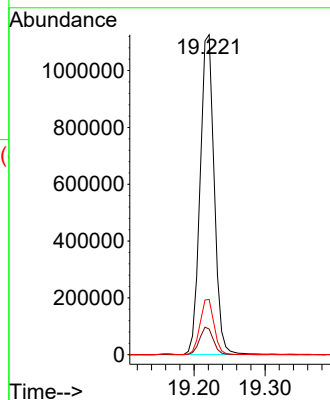
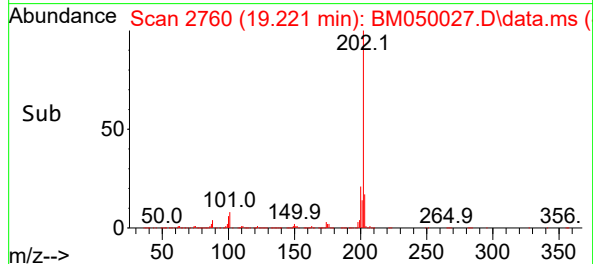
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

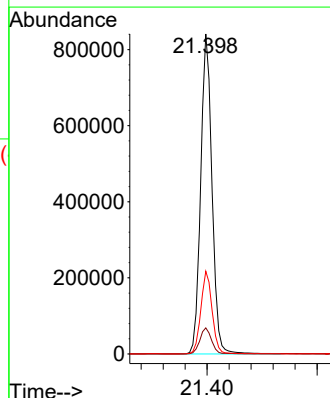
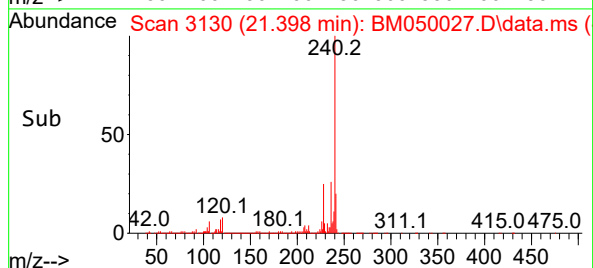
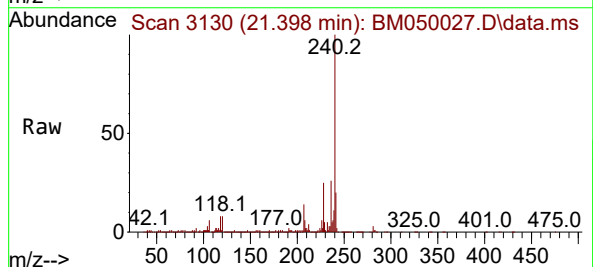
Manual Integrations
APPROVED

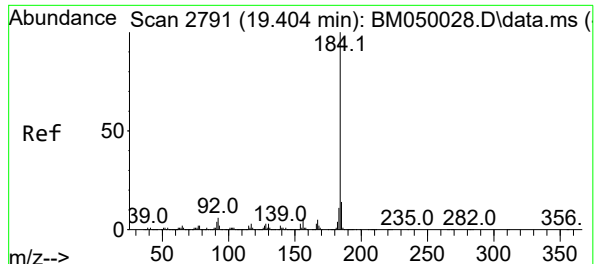
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

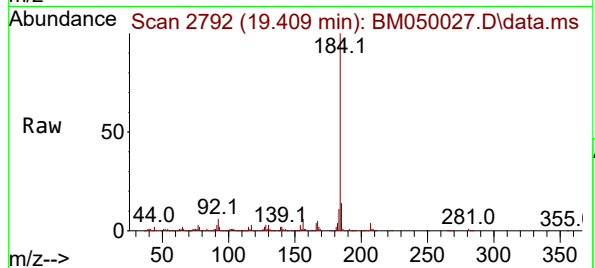
Tgt Ion:240 Resp: 1204355
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.9 31.3





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

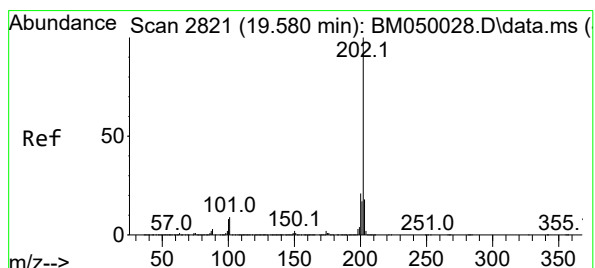
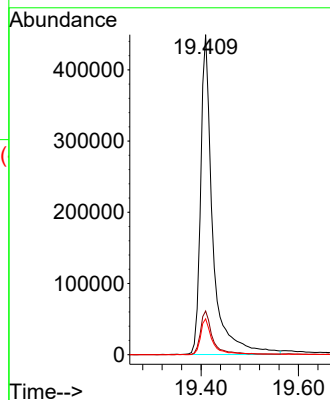
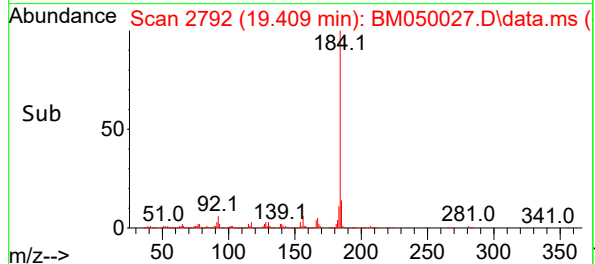
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

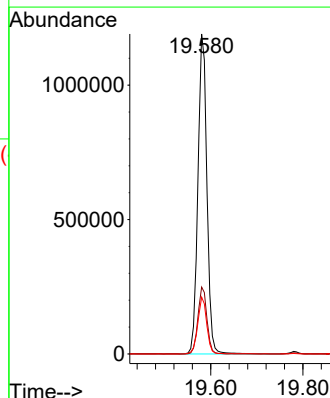
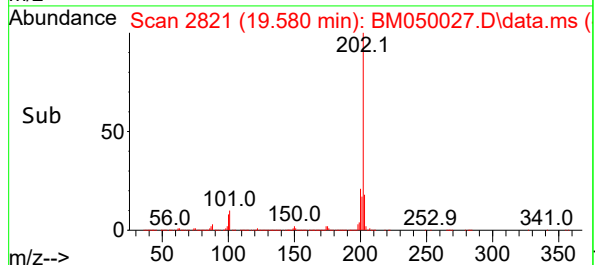
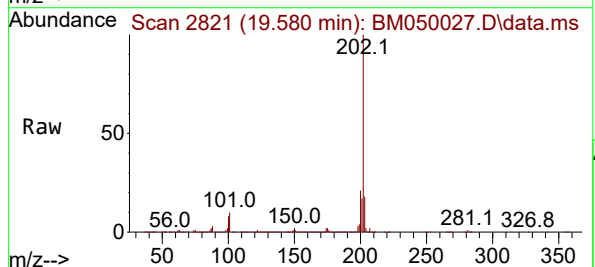
Manual Integrations
APPROVED

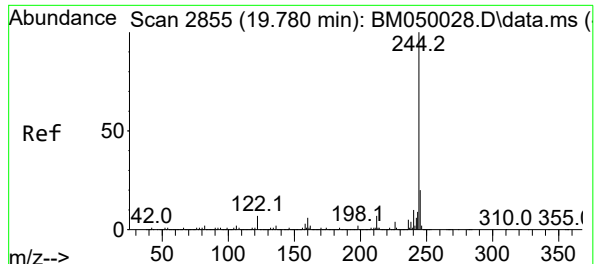
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

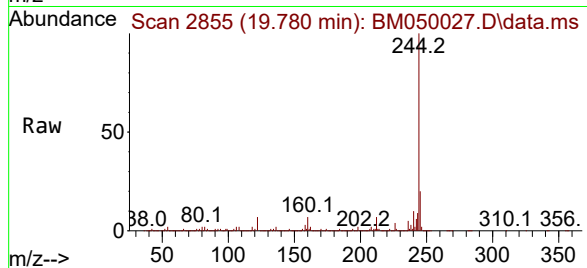
Tgt Ion:202 Resp: 1603874
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

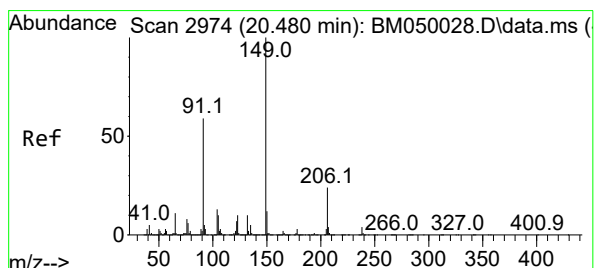
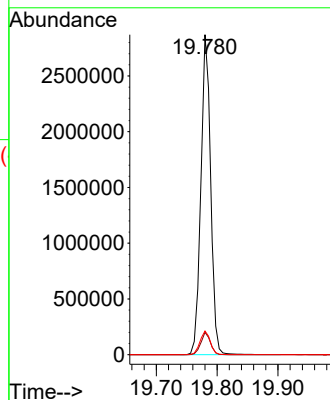
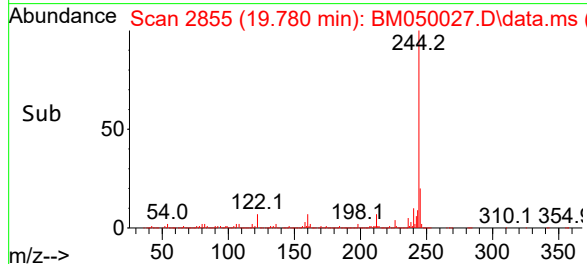
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

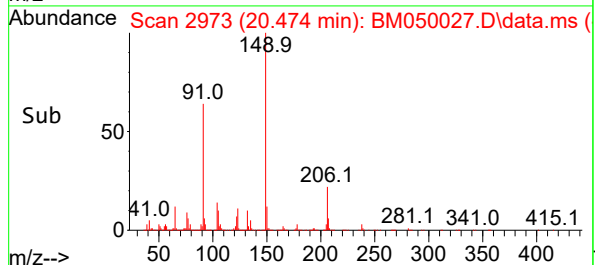
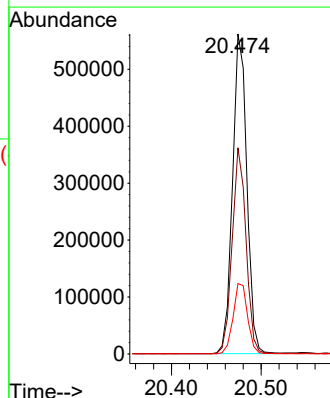
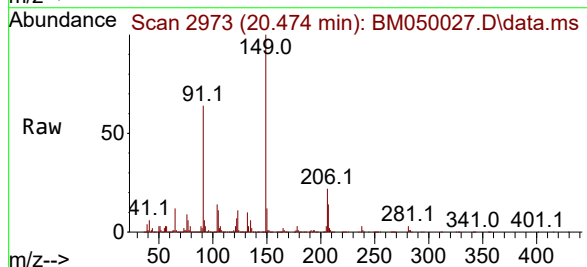
Manual Integrations
APPROVED

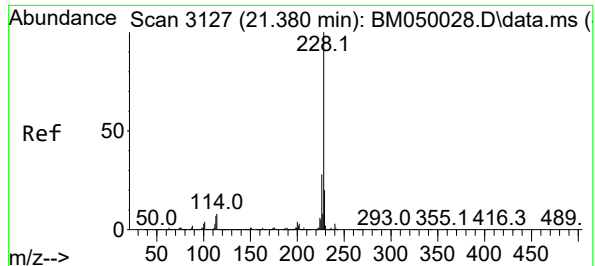
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

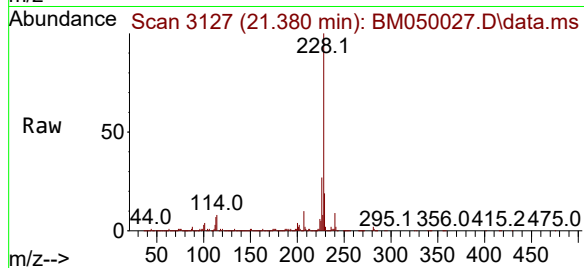
Tgt Ion:149 Resp: 620751
Ion Ratio Lower Upper
149 100
91 64.4 47.4 71.2
206 22.0 19.4 29.0





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

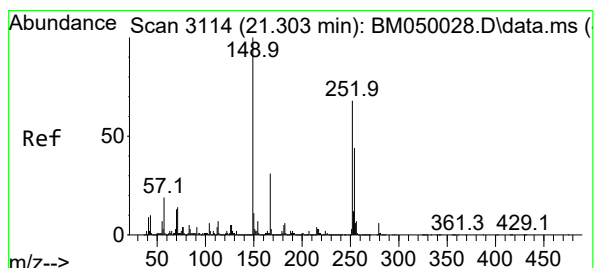
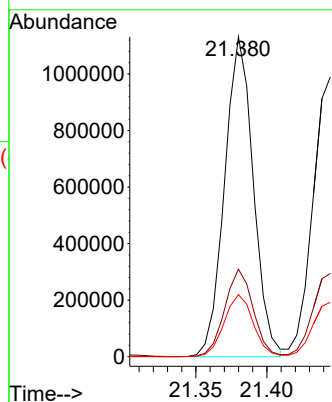
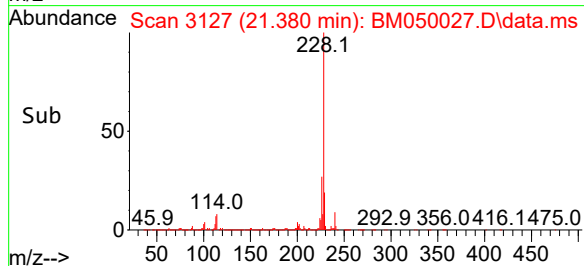
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

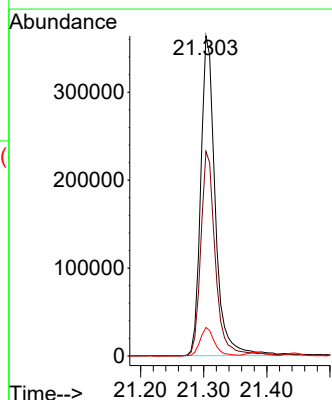
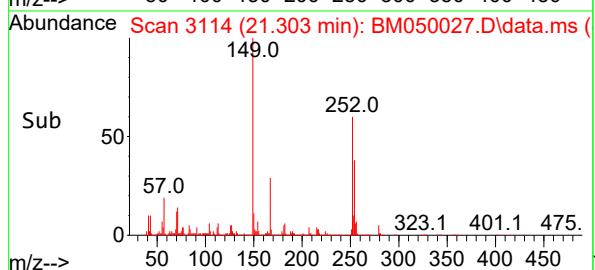
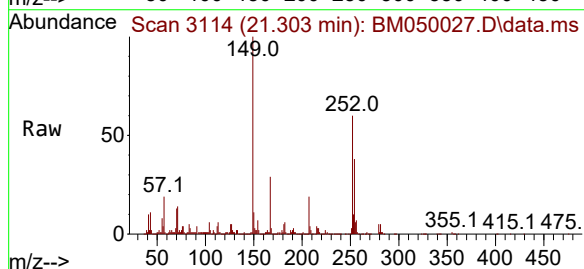
Manual Integrations
APPROVED

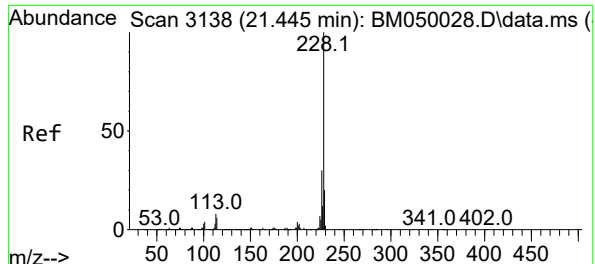
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



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

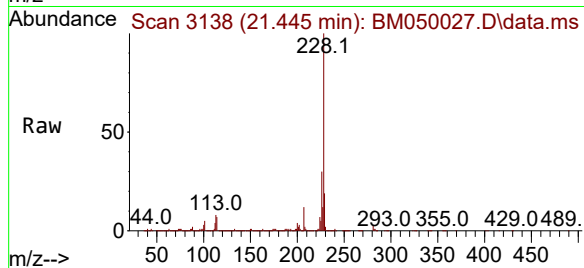
Tgt Ion:252 Resp: 582038
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 8.9 6.0 9.0





#83
Chrysene
Concen: 19.044 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

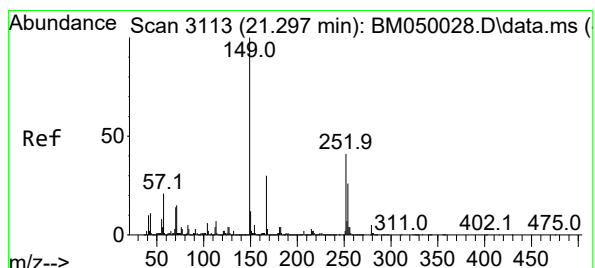
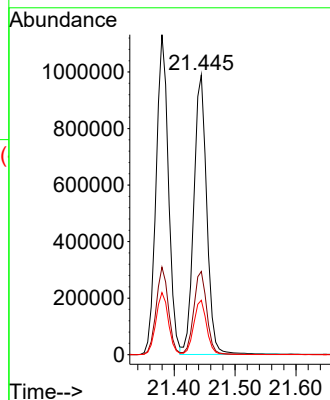
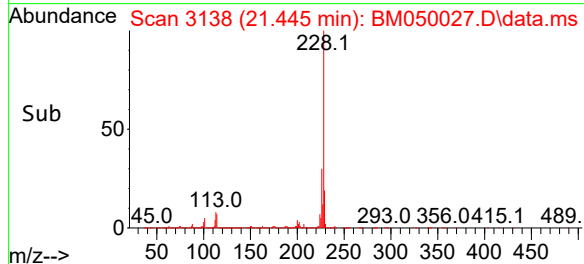
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1461777
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.5 15.7 23.5

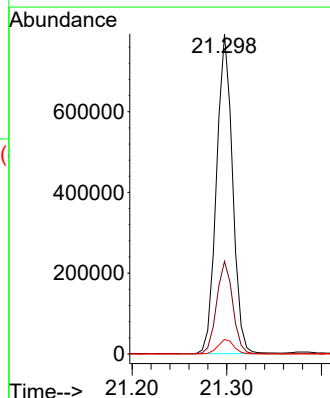
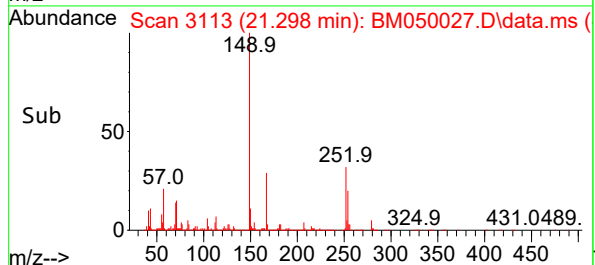
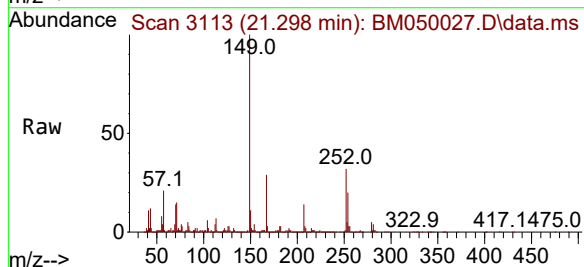
Manual Integrations
APPROVED

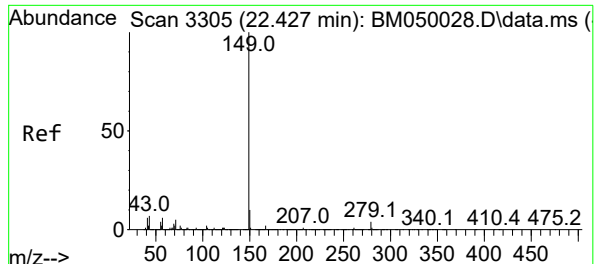
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.730 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

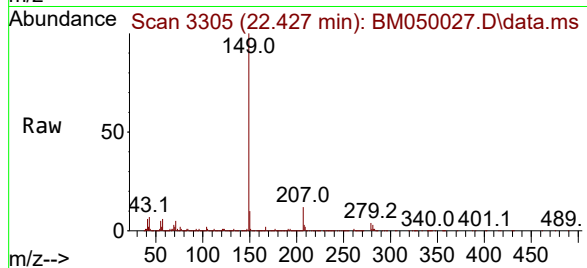
Tgt Ion:149 Resp: 933505
Ion Ratio Lower Upper
149 100
167 29.0 24.1 36.1
279 4.6 3.9 5.9





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

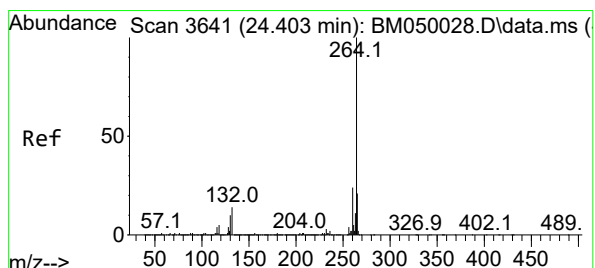
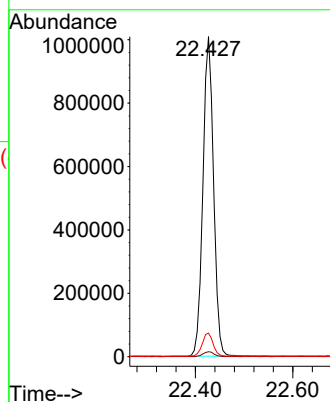
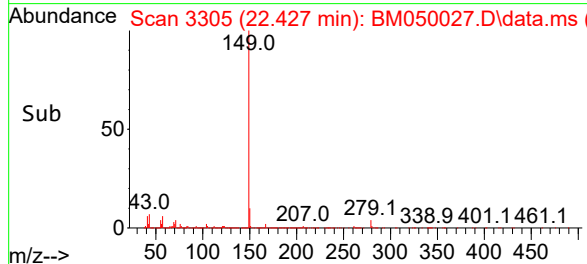
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



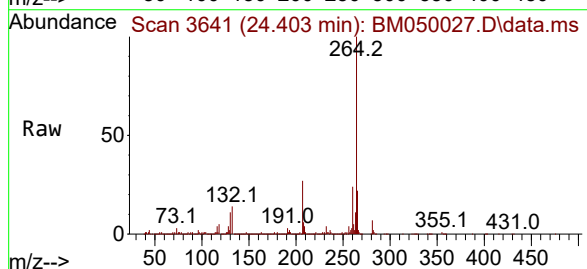
Tgt Ion:149 Resp: 1525599
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8

Manual Integrations
APPROVED

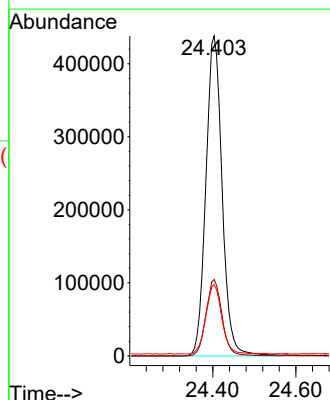
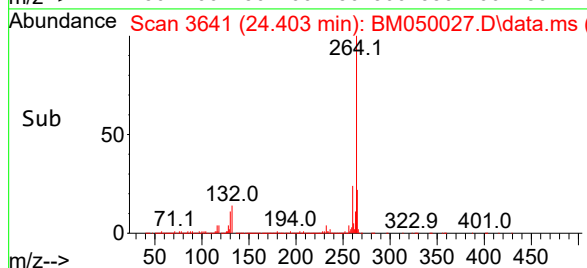
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

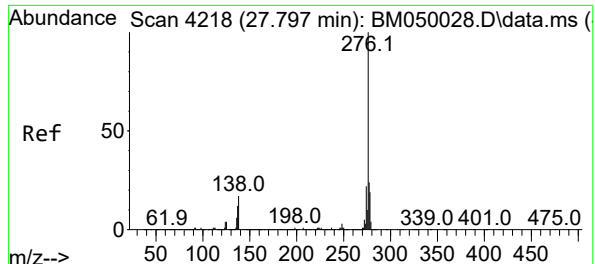


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



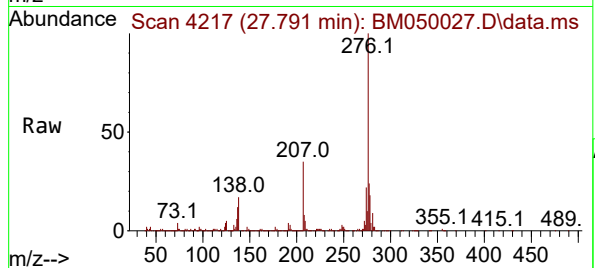
Tgt Ion:264 Resp: 1191041
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.3 17.0 25.4





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

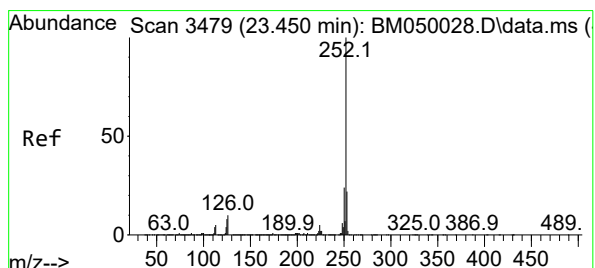
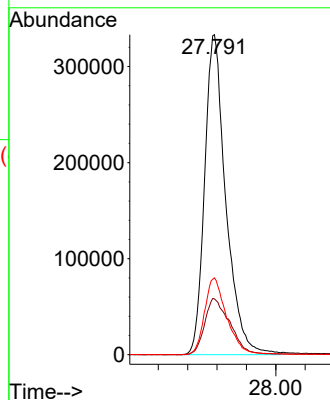
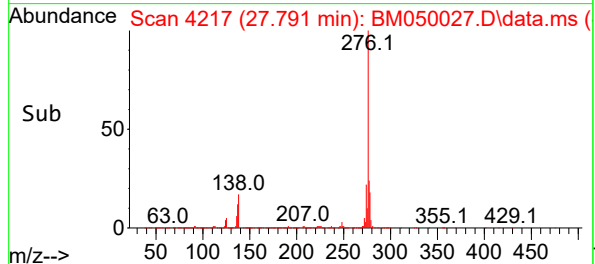
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



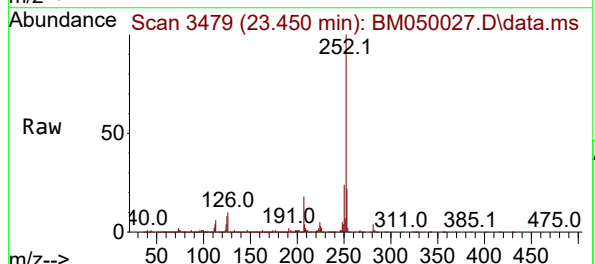
Tgt Ion:276 Resp: 167196
Ion Ratio Lower Upper
276 100
138 20.9 16.4 24.6
277 25.0 19.8 29.8

Manual Integrations
APPROVED

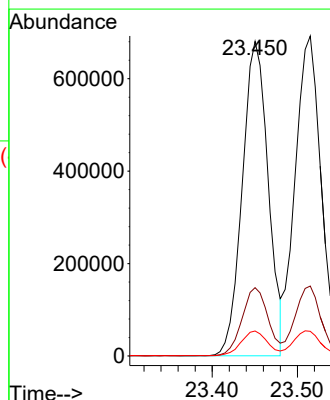
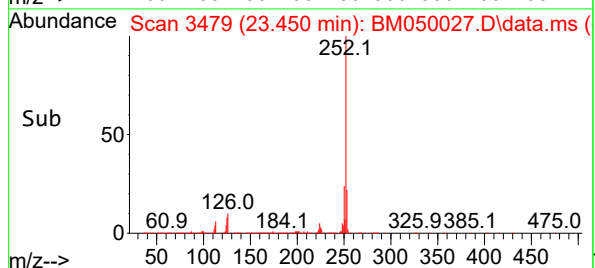
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

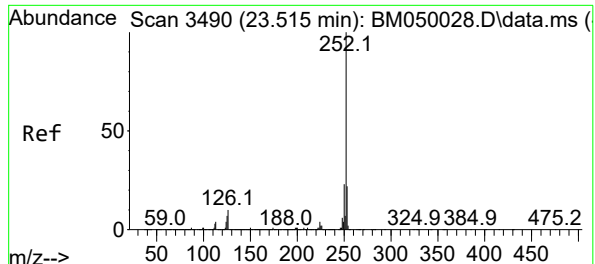


#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



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





#89

Benzo(k)fluoranthene

Concen: 19.005 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BM050027.D

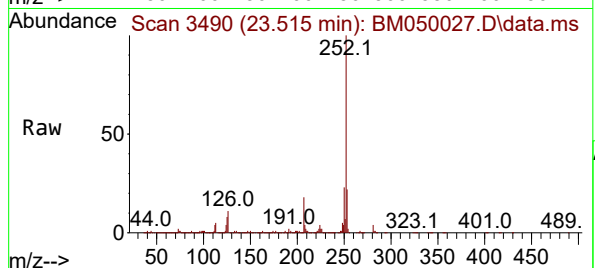
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 1489410

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

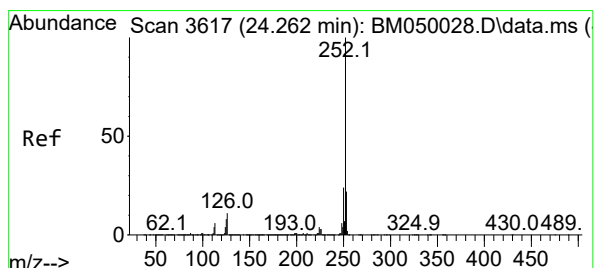
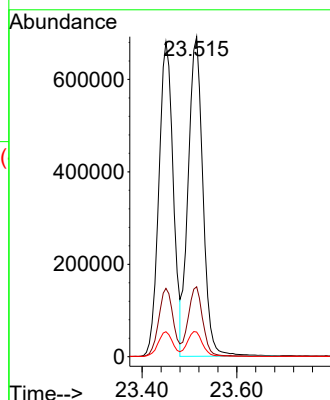
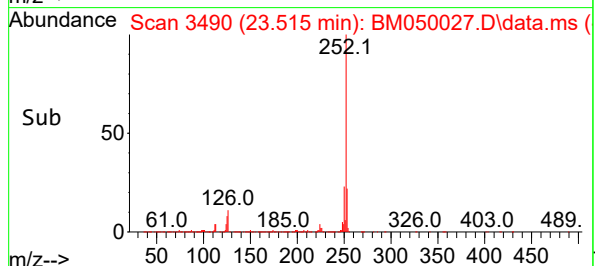
125 7.7 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

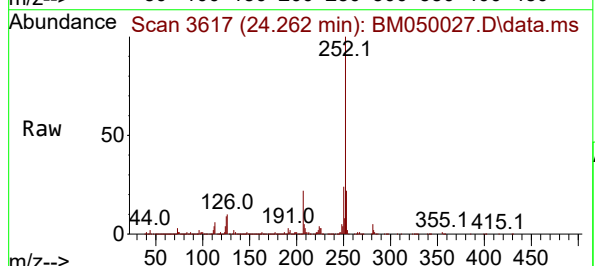
Concen: 18.825 ng

RT: 24.262 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



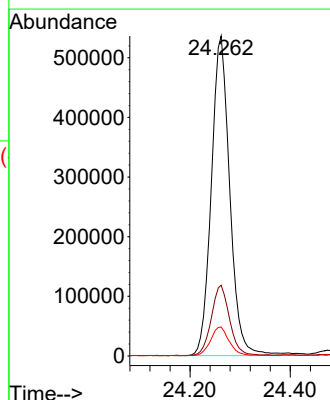
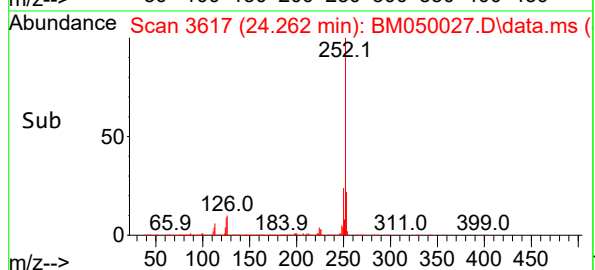
Tgt Ion:252 Resp: 1365706

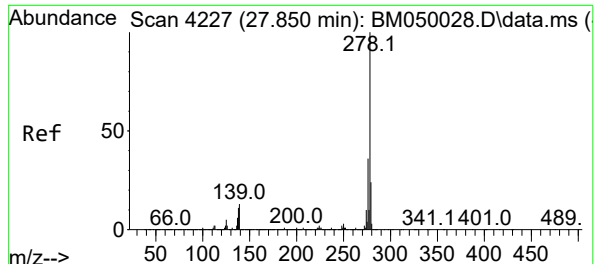
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

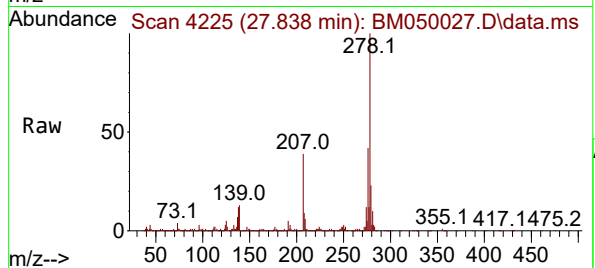
125 9.0 6.6 9.8





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

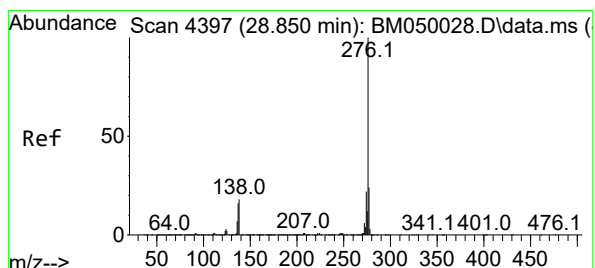
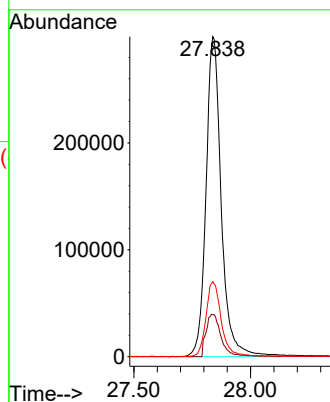
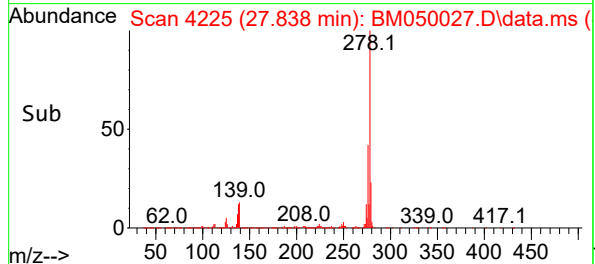
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



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

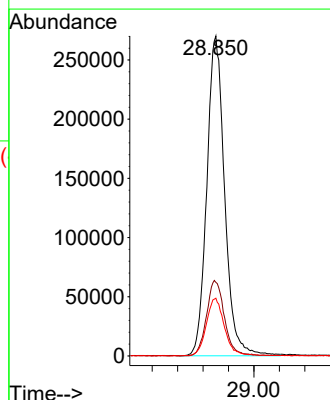
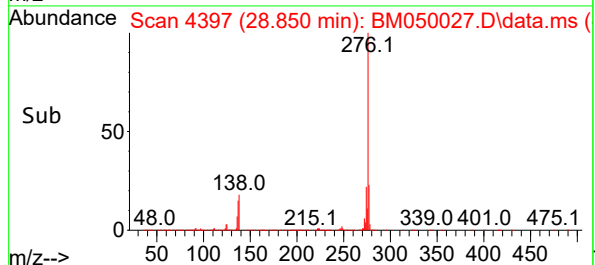
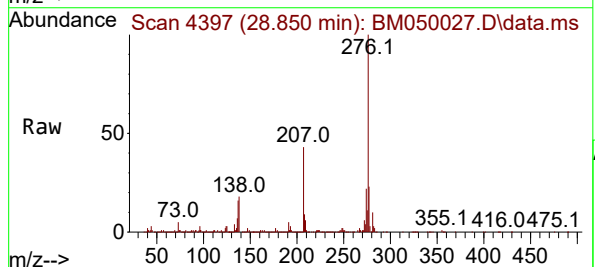
Manual Integrations
APPROVED

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



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

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



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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

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

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

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

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

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

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

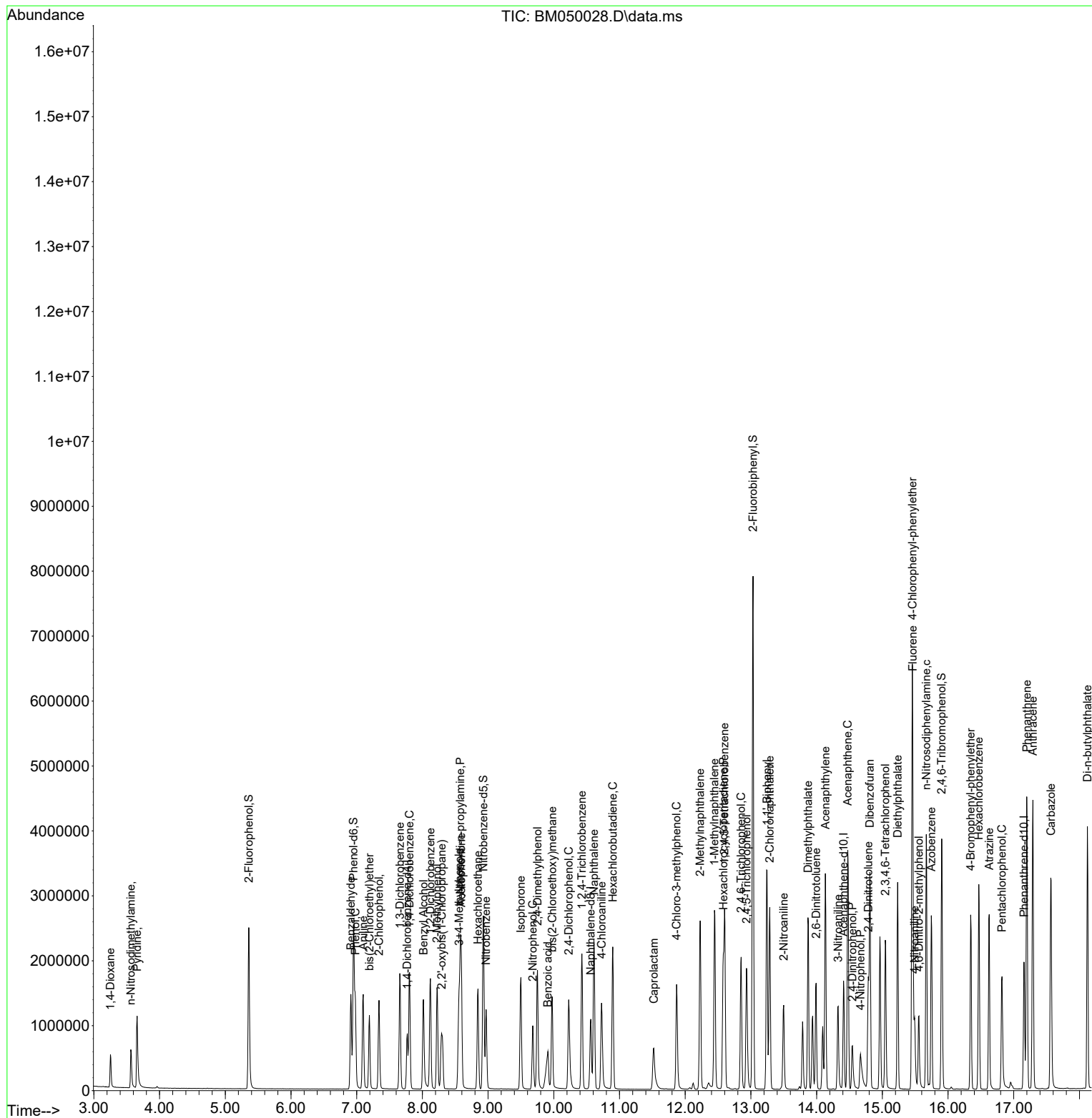
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675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

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

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

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

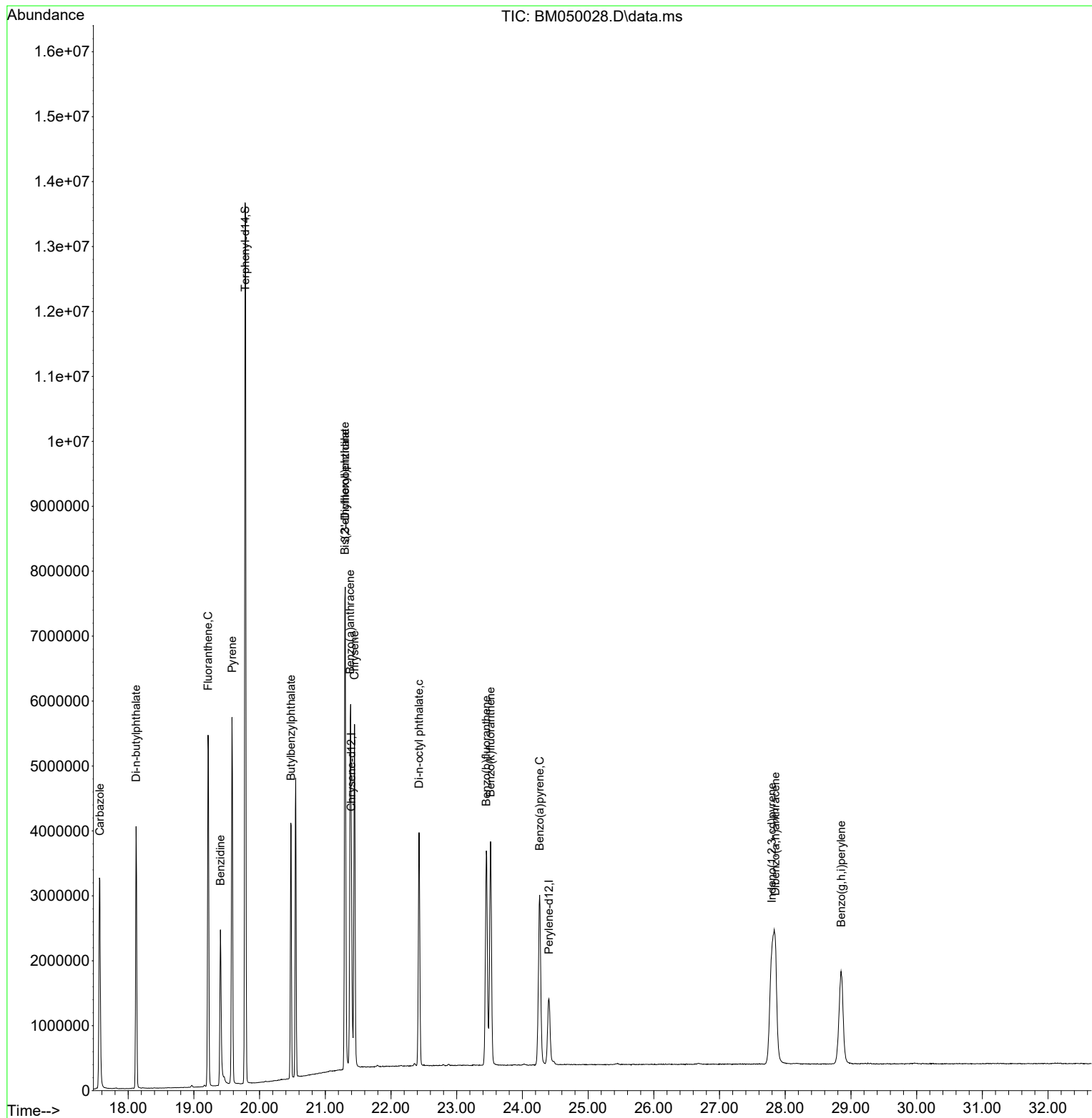
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Response via : Initial Calibration

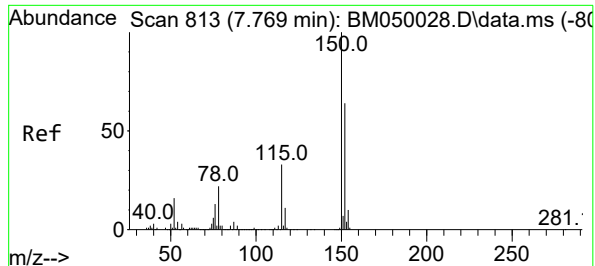


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Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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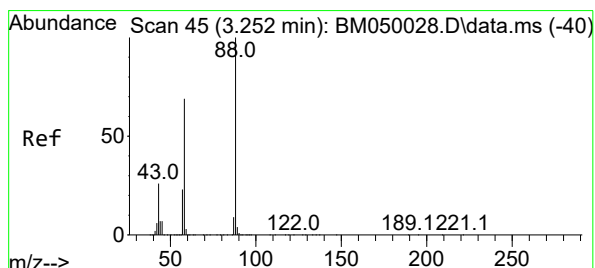
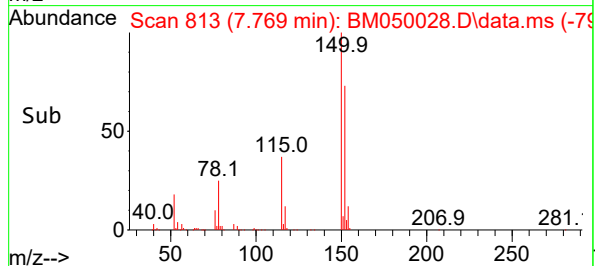
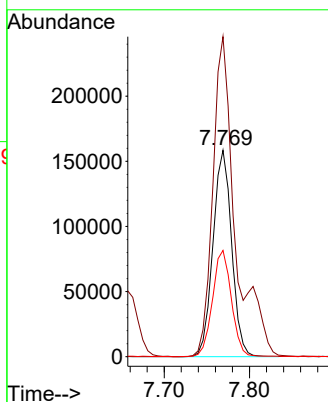
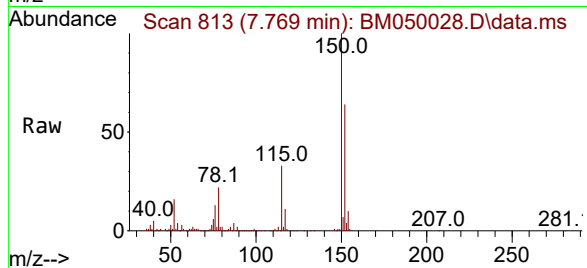




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

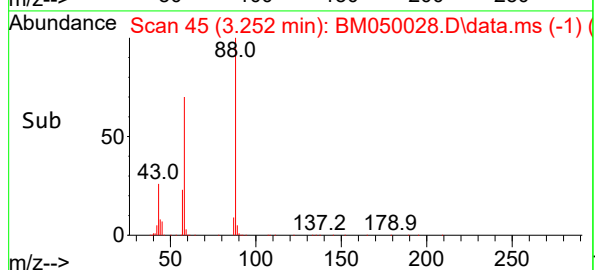
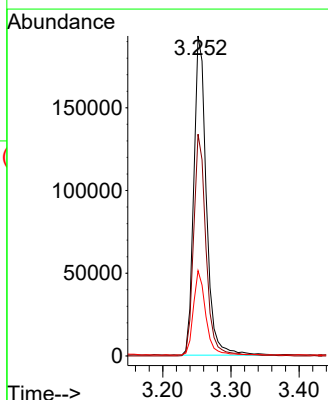
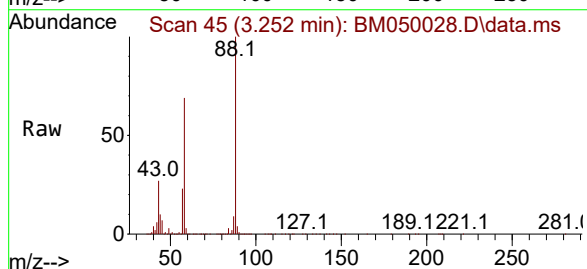
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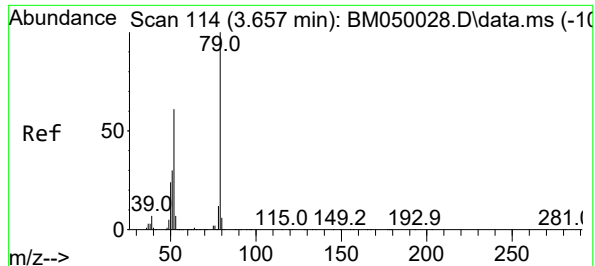
Tgt Ion:152 Resp: 241109
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 51.5 41.2 61.8



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

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

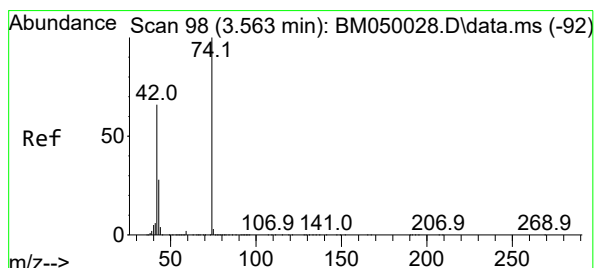
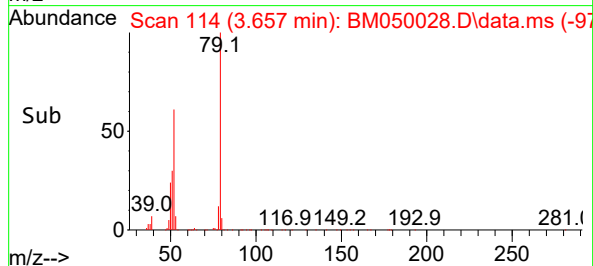
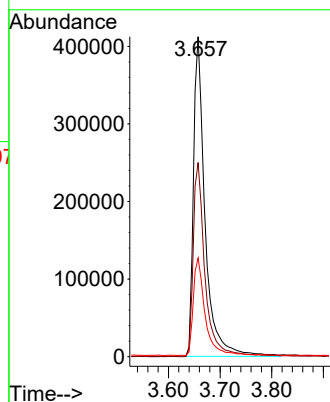
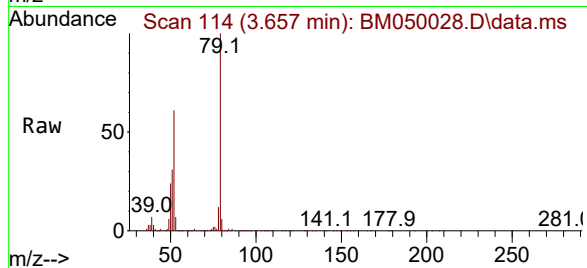




#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

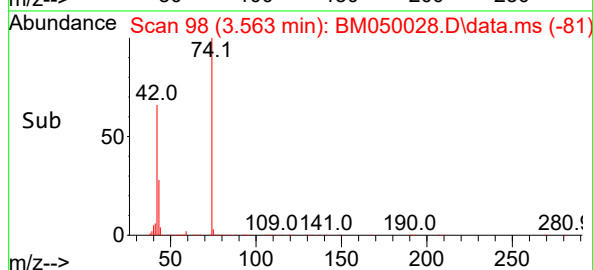
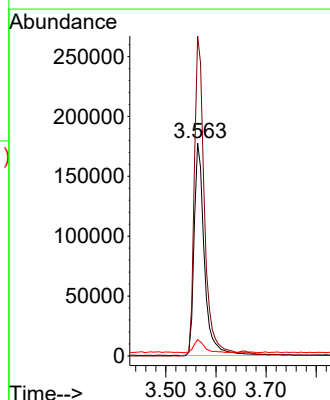
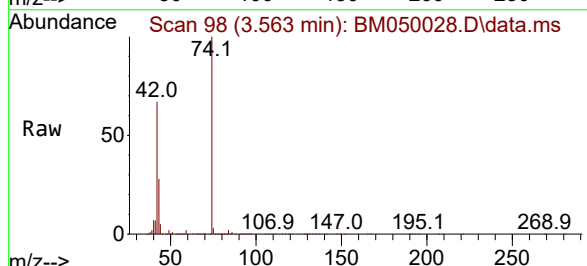
Instrument :
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ClientSampleId :
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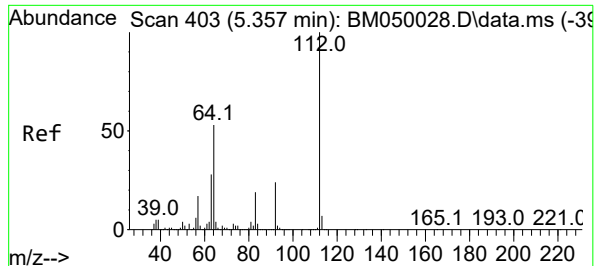
Tgt Ion: 79 Resp: 641890
Ion Ratio Lower Upper
79 100
52 60.7 48.6 72.8
51 30.8 24.6 37.0



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

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

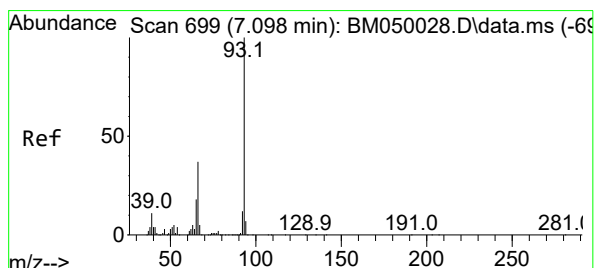
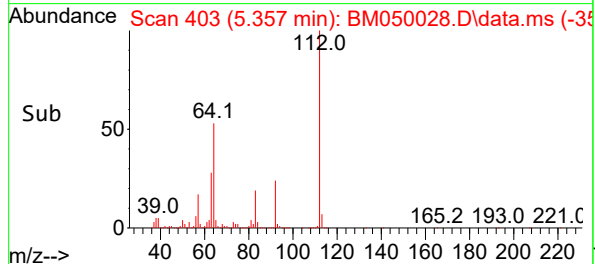
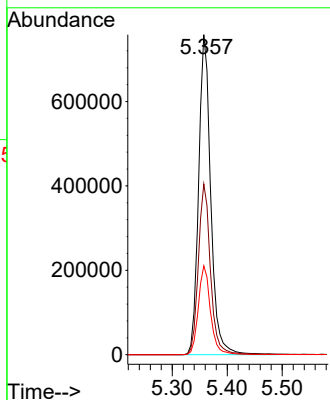
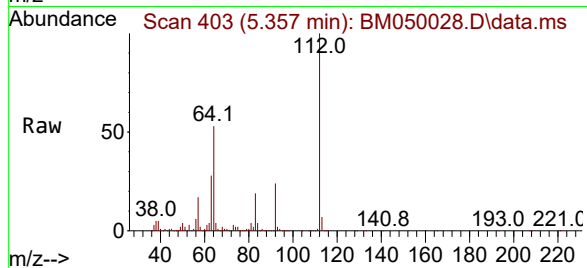




#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

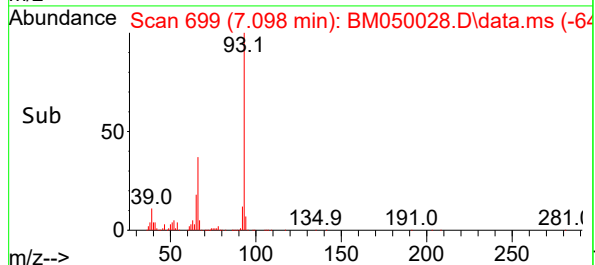
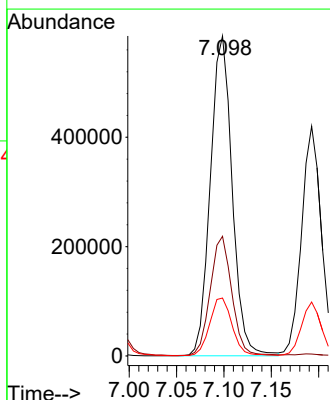
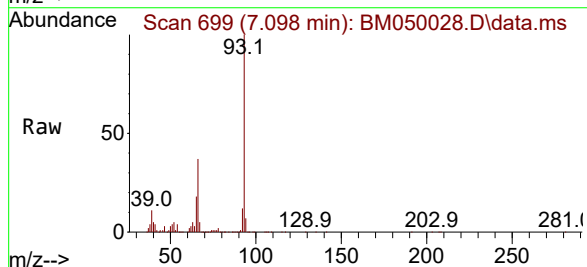
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ClientSampleId :
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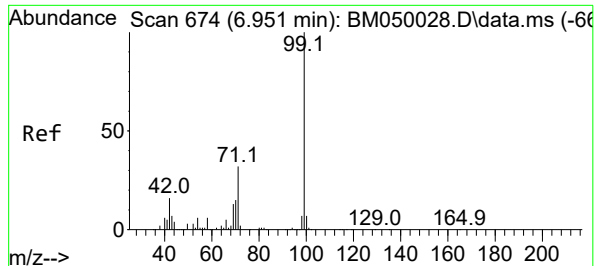
Tgt Ion:112 Resp: 1165032
Ion Ratio Lower Upper
112 100
64 53.3 42.6 64.0
63 27.8 22.2 33.4



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

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

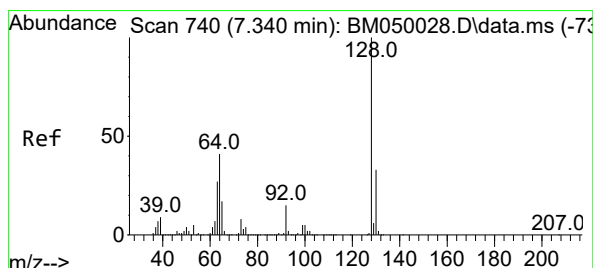
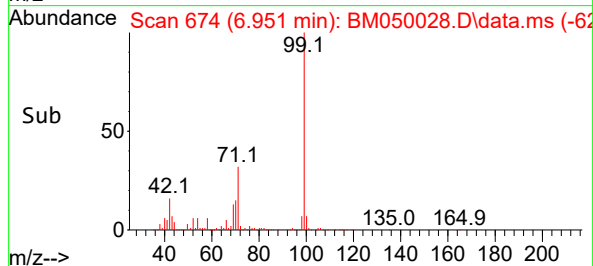
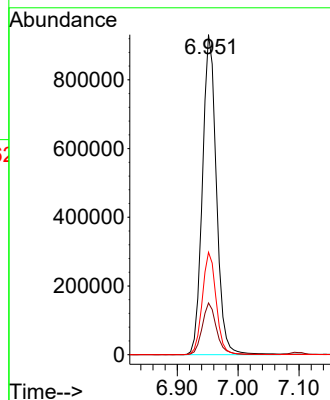
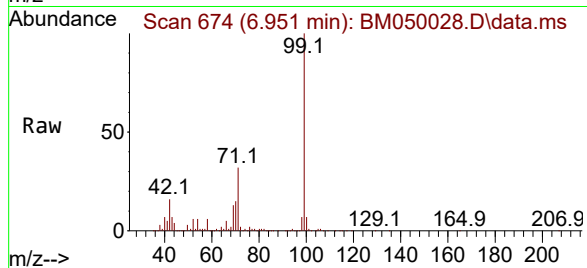




#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

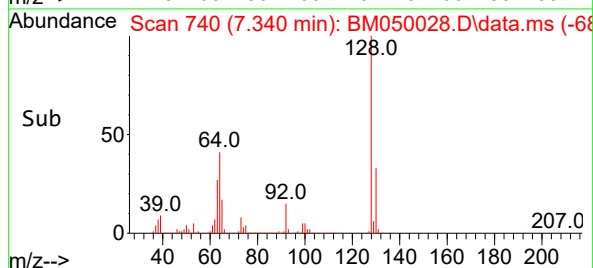
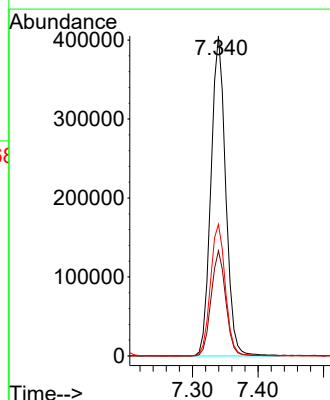
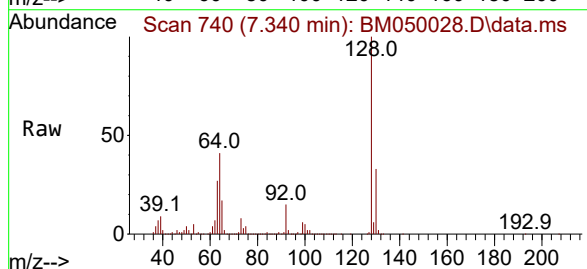
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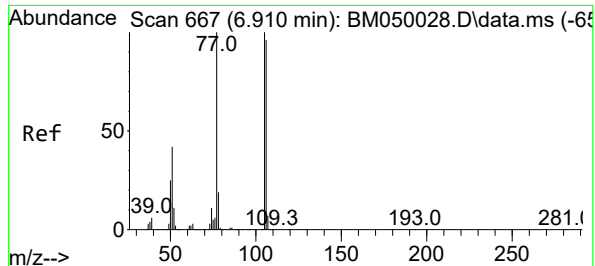
Tgt Ion: 99 Resp: 1487856
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 32.0 25.6 38.4



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

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

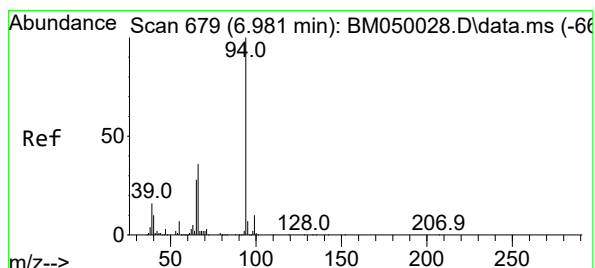
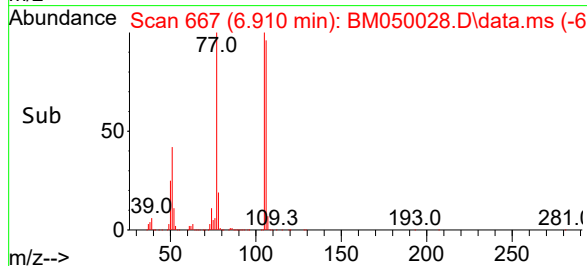
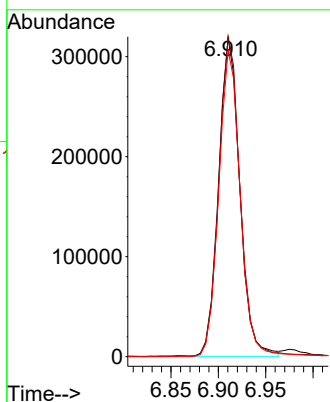
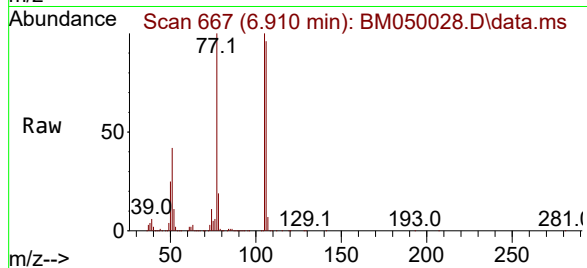




#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

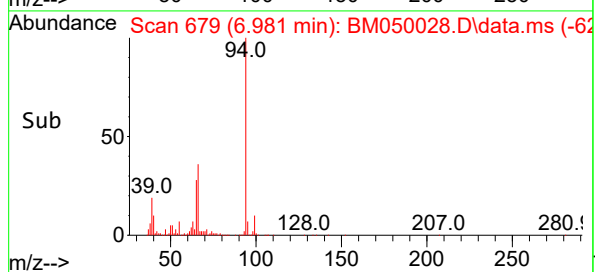
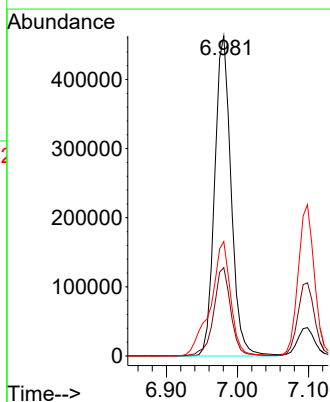
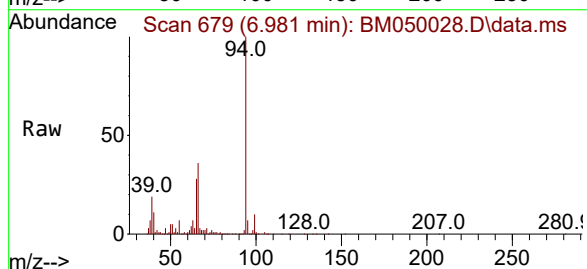
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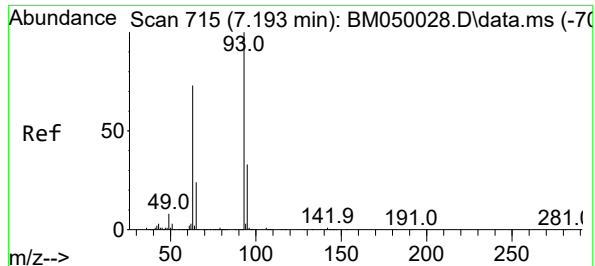
Tgt Ion: 77 Resp: 497166
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 96.1 76.1 116.1



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

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





#11

bis(2-Chloroethyl)ether

Concen: 42.166 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

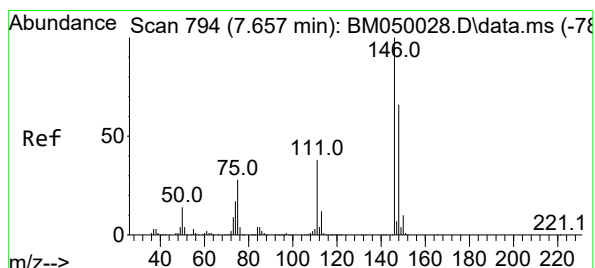
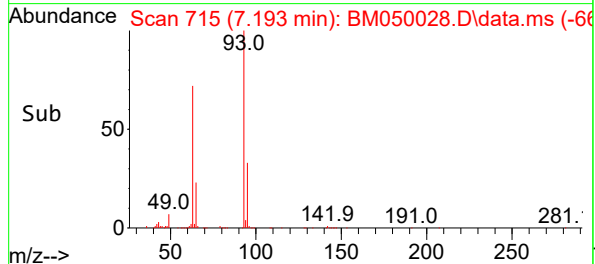
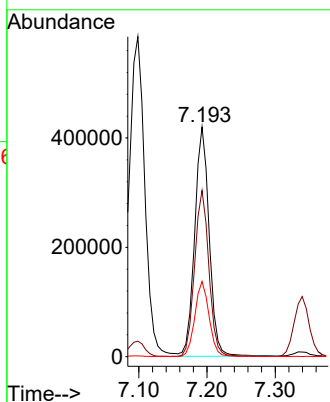
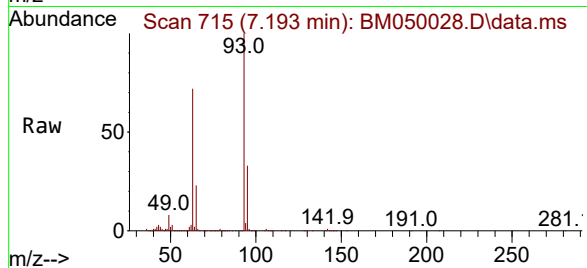
Tgt Ion: 93 Resp: 616851

Ion Ratio Lower Upper

93 100

63 72.3 52.3 92.3

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.979 ng

RT: 7.657 min Scan# 794

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

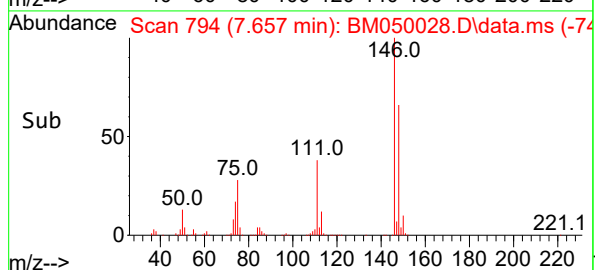
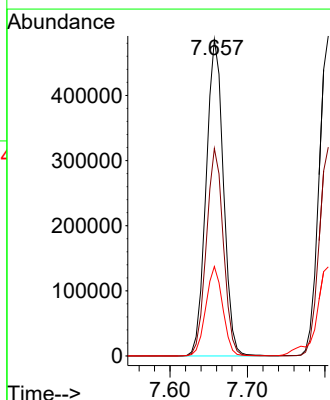
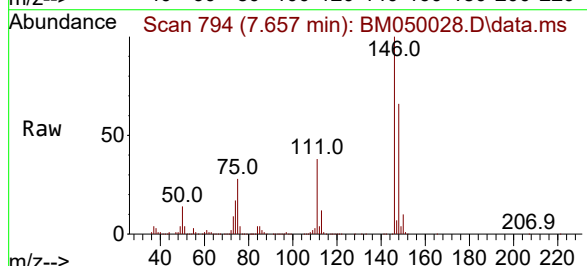
Tgt Ion:146 Resp: 754937

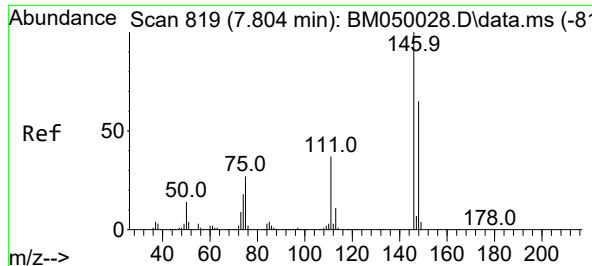
Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

75 28.3 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 41.677 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

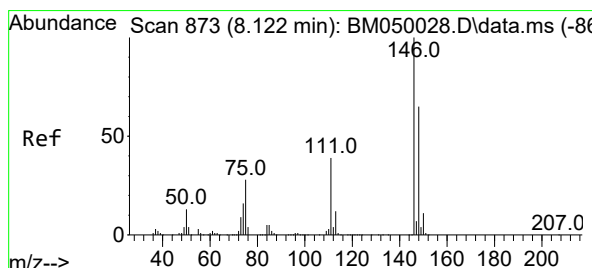
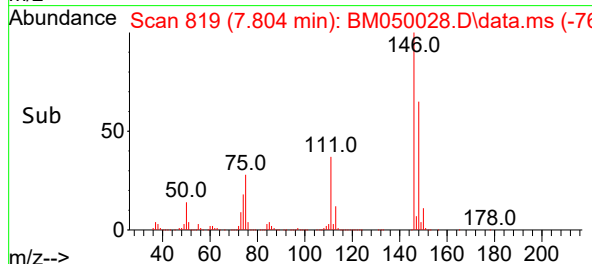
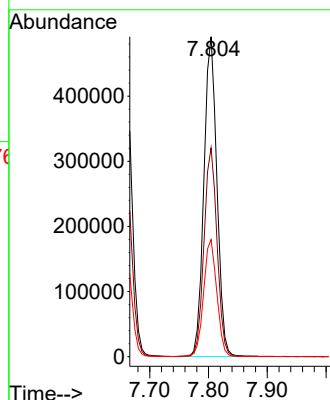
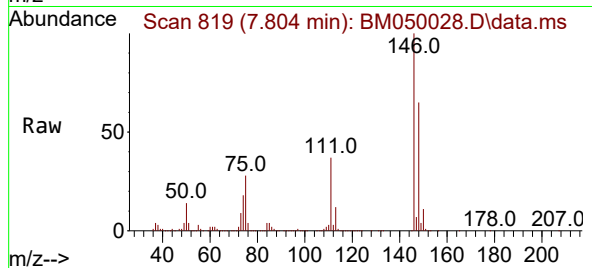
Tgt Ion:146 Resp: 752959

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 36.6 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 42.050 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

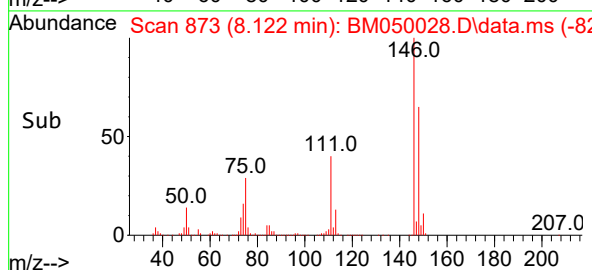
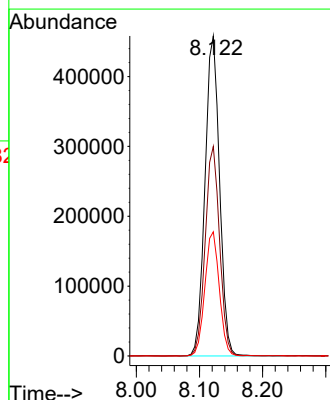
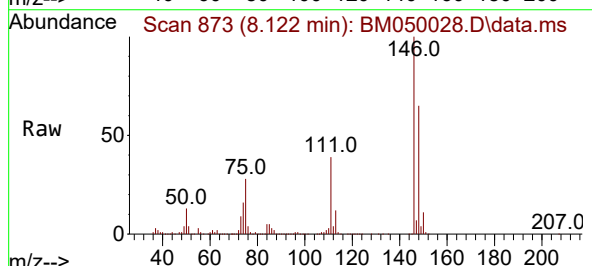
Tgt Ion:146 Resp: 733848

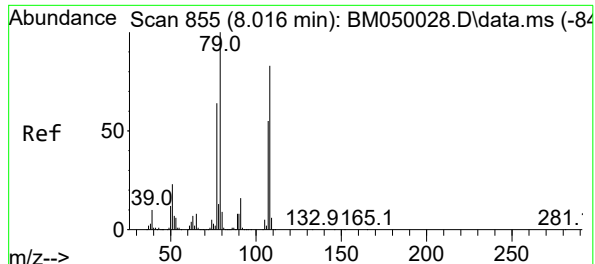
Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

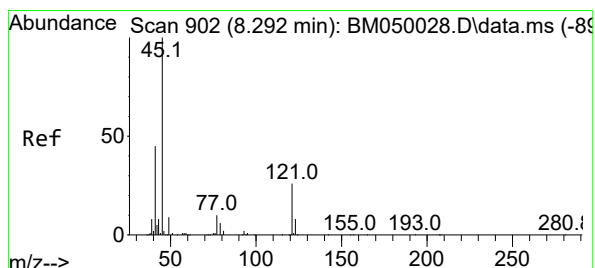
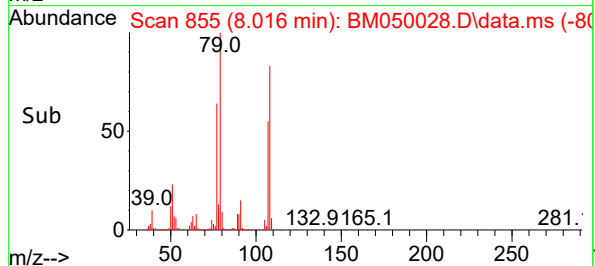
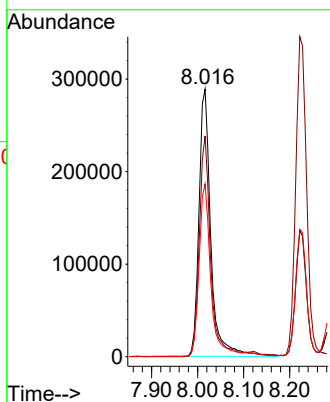
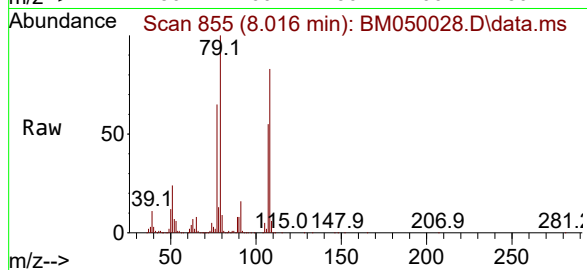
Tgt Ion: 79 Resp: 521025

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 64.5 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.085 ng

RT: 8.292 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

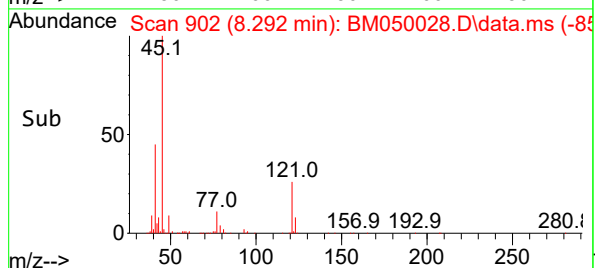
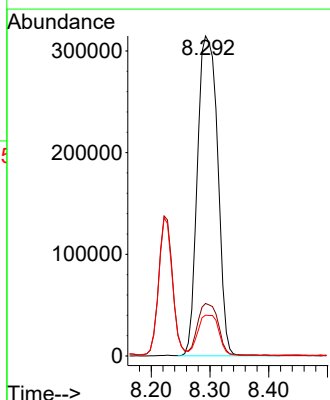
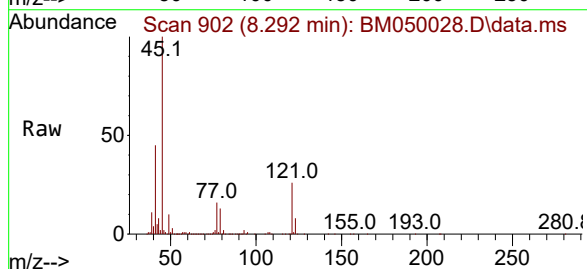
Tgt Ion: 45 Resp: 748400

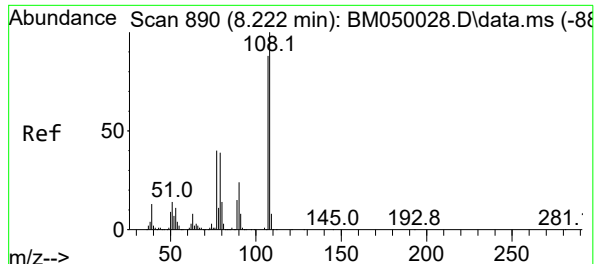
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 43.149 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050028.D

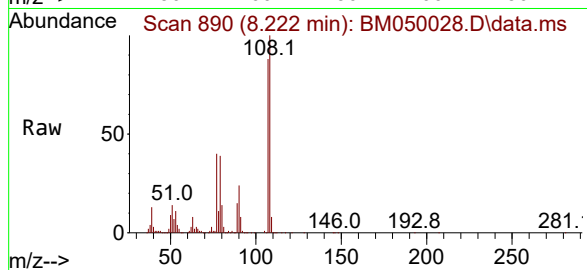
Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 498005

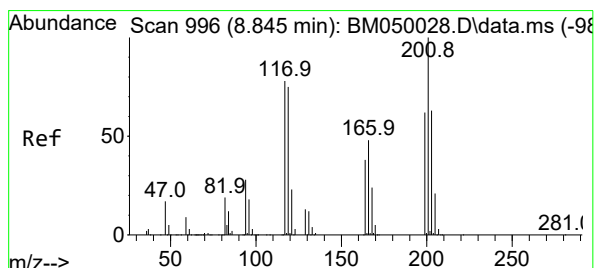
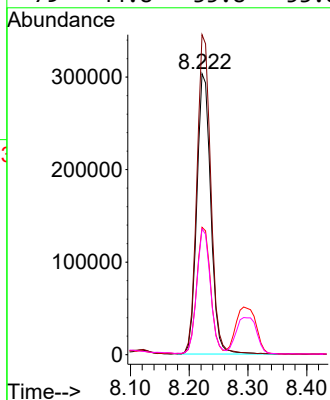
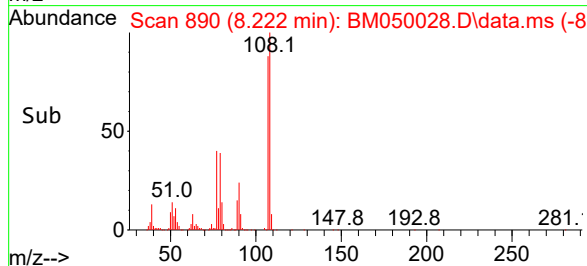
Ion	Ratio	Lower	Upper

107	100		

108	113.9	91.1	136.7

77	45.3	36.2	54.4

79	44.8	35.8	53.8



#18

Hexachloroethane

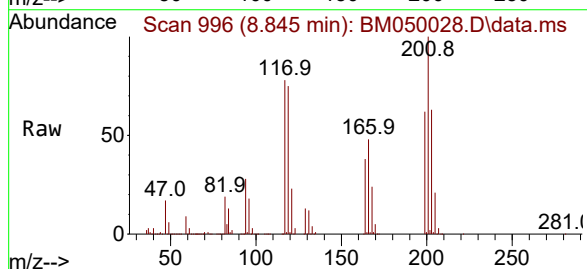
Concen: 41.780 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06



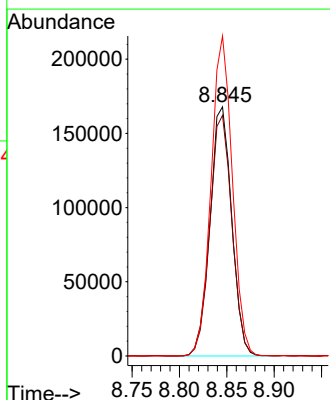
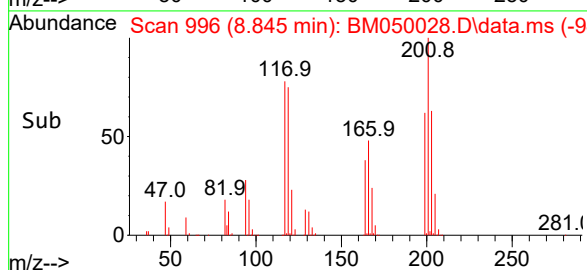
Tgt Ion:117 Resp: 268328

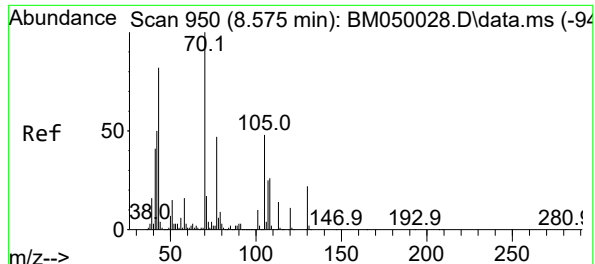
Ion	Ratio	Lower	Upper

117	100		

119	96.6	77.3	115.9

201	128.5	102.8	154.2

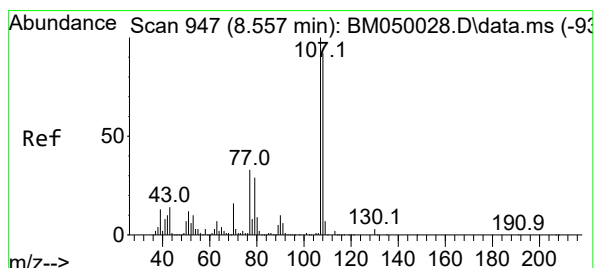
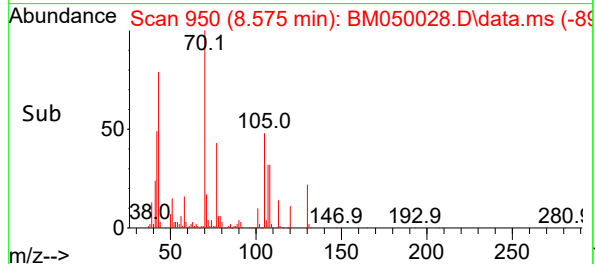
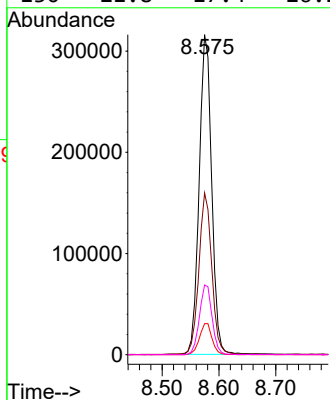
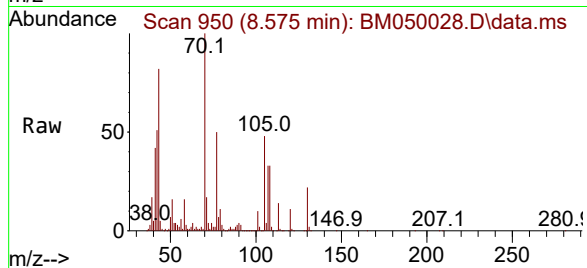




#19
n-Nitroso-di-n-propylamine
Concen: 43.579 ng
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

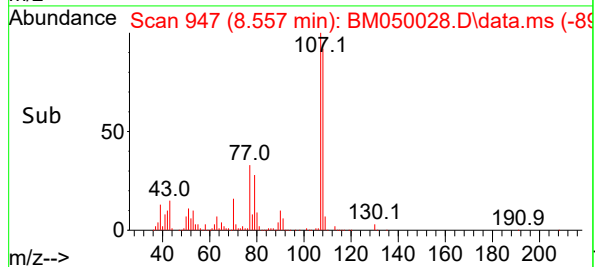
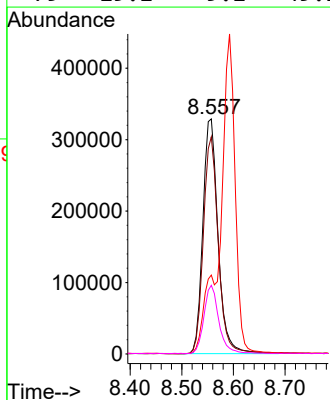
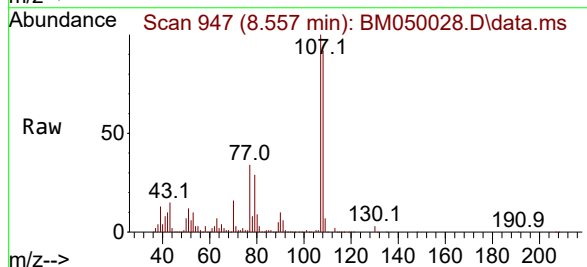
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

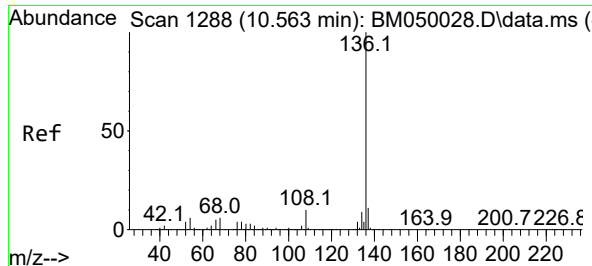
Tgt Ion: 70 Resp: 483699
Ion Ratio Lower Upper
70 100
42 50.6 40.5 60.7
101 9.7 7.8 11.6
130 21.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 43.111 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 107 Resp: 671942
Ion Ratio Lower Upper
107 100
108 92.4 72.4 112.4
77 33.6 13.6 53.6
79 29.2 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 890488

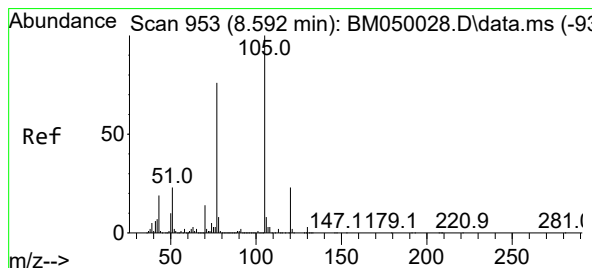
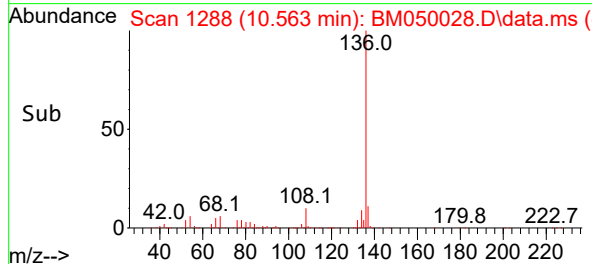
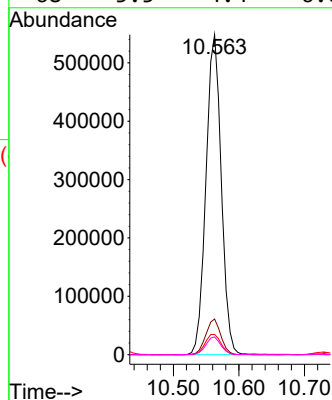
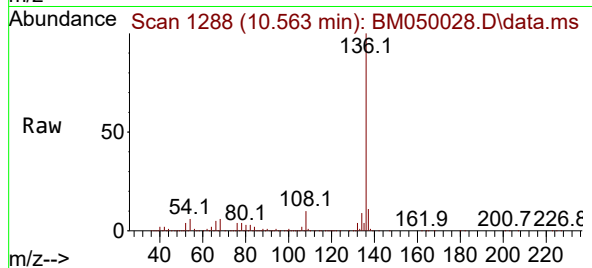
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 42.735 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

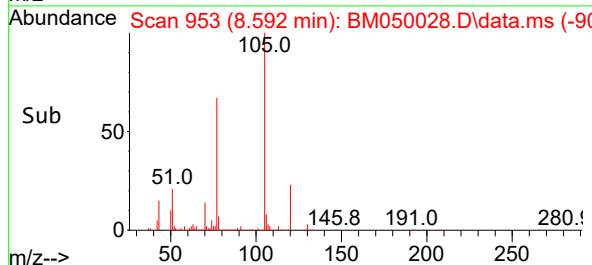
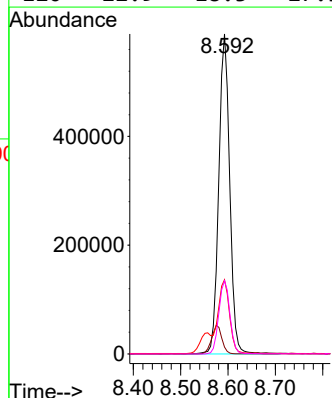
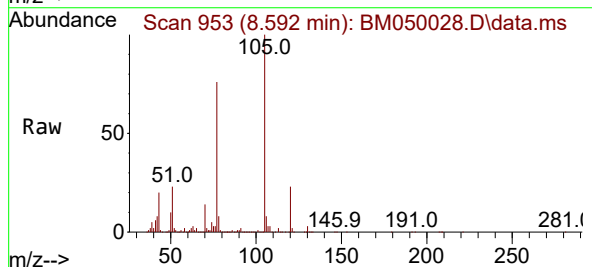
Ion Ratio Lower Upper

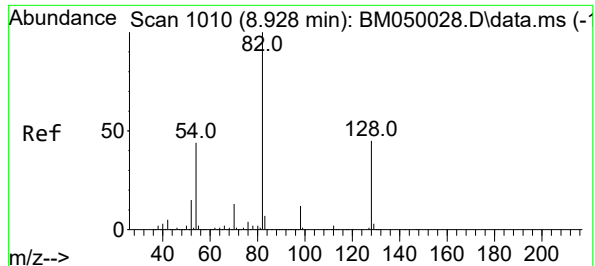
105 100

71 2.1 1.7 2.5

51 23.2 18.6 27.8

120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 85.620 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

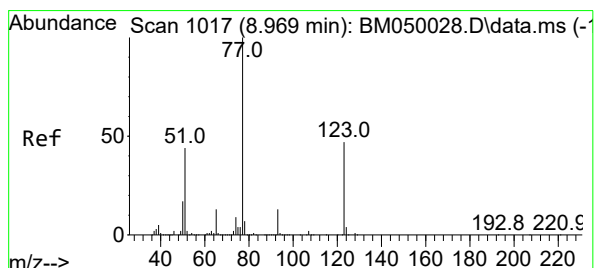
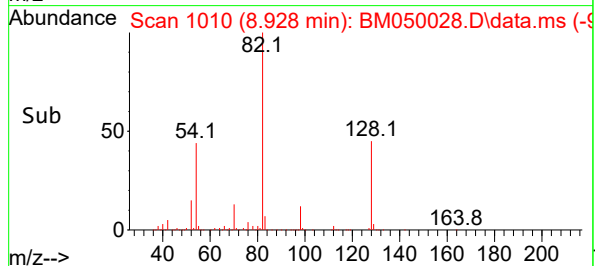
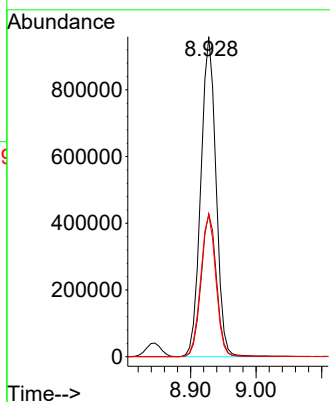
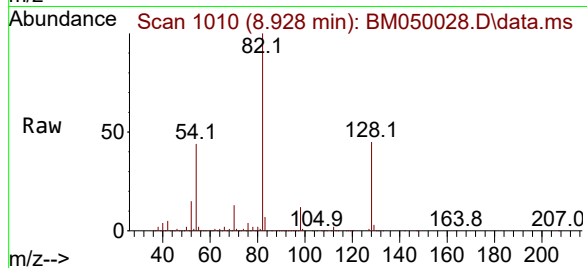
Tgt Ion: 82 Resp: 1547270

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 44.3 35.4 53.2



#24

Nitrobenzene

Concen: 42.625 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

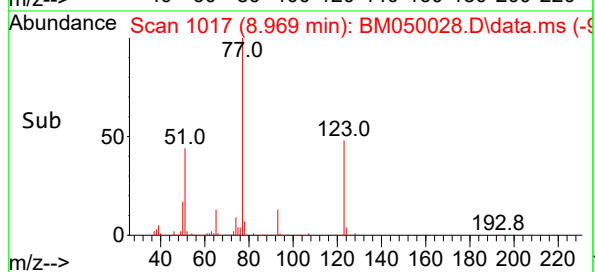
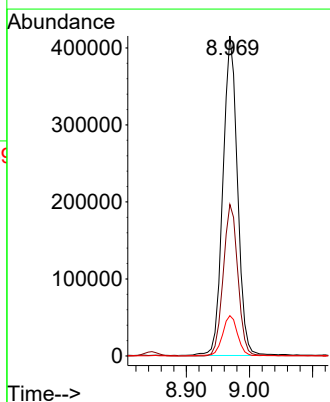
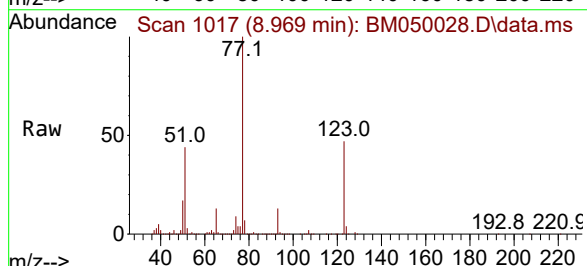
Tgt Ion: 77 Resp: 666034

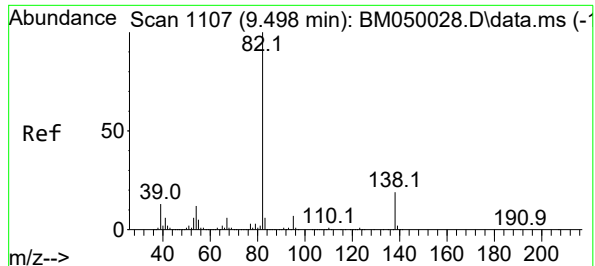
Ion Ratio Lower Upper

77 100

123 47.4 37.9 56.9

65 12.6 10.1 15.1

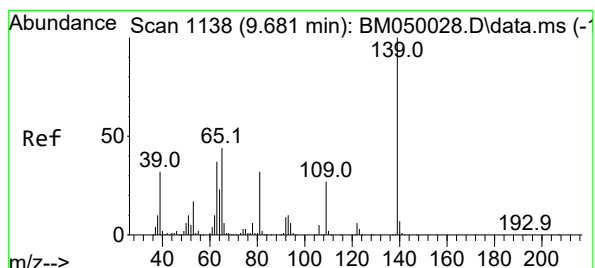
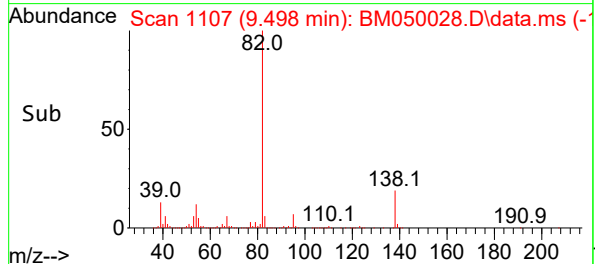
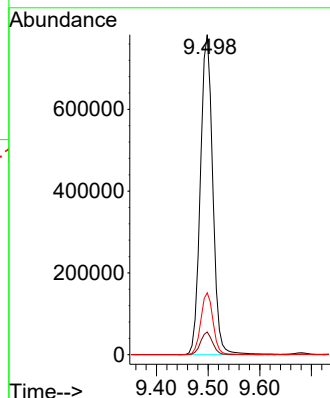
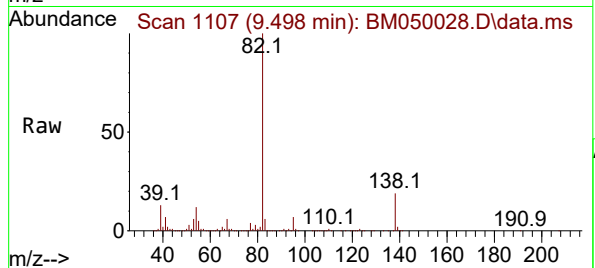




#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

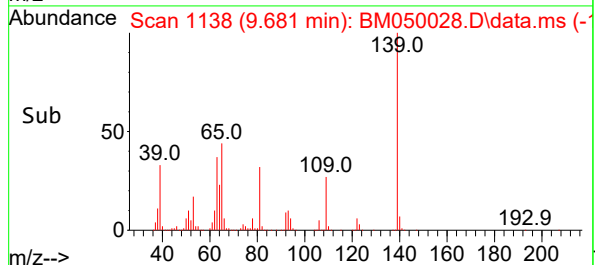
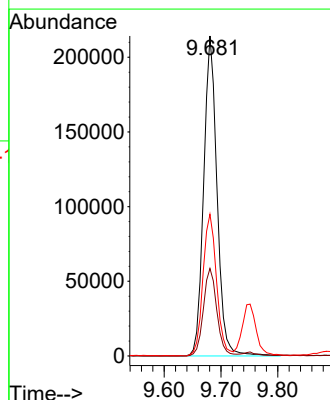
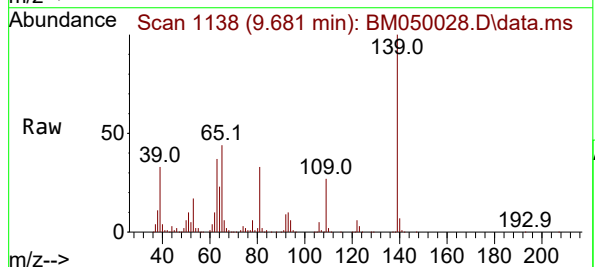
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

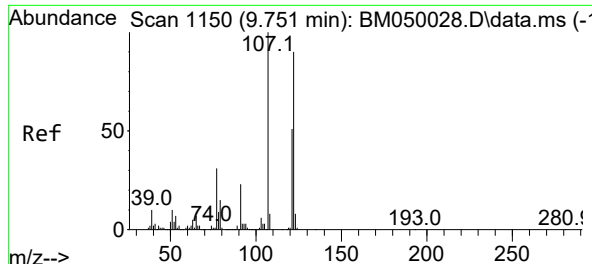
Tgt Ion: 82 Resp: 1298577
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.4 15.5 23.3



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

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





#27

2,4-Dimethylphenol

Concen: 43.552 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

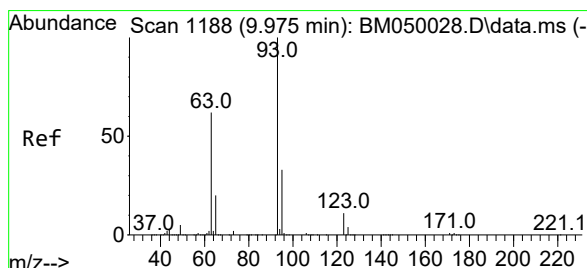
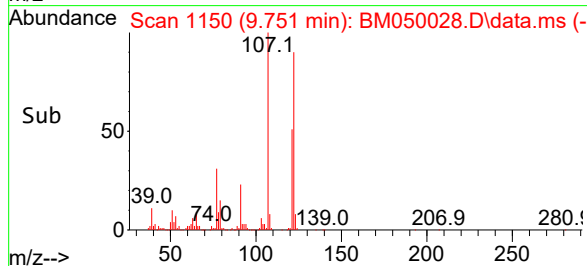
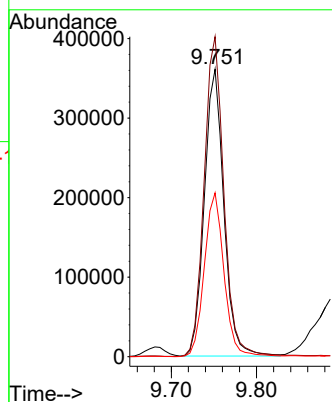
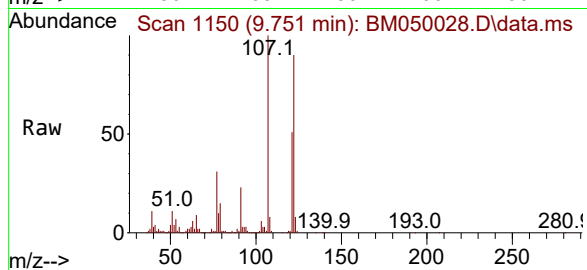
Tgt Ion:122 Resp: 576549

Ion Ratio Lower Upper

122 100

107 111.3 89.0 133.6

121 57.0 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.518 ng

RT: 9.975 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

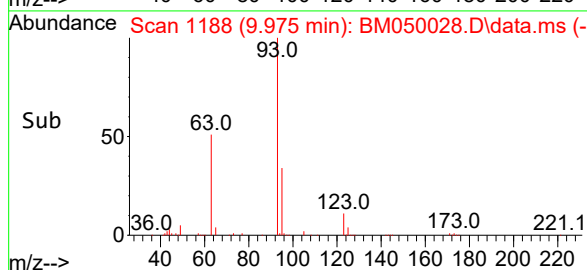
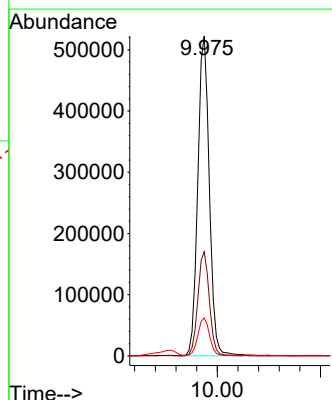
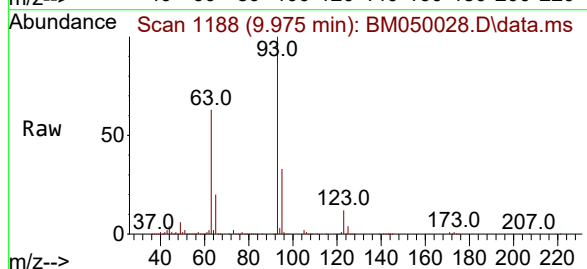
Tgt Ion: 93 Resp: 809528

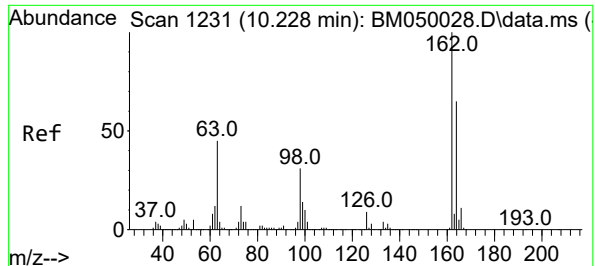
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.461 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

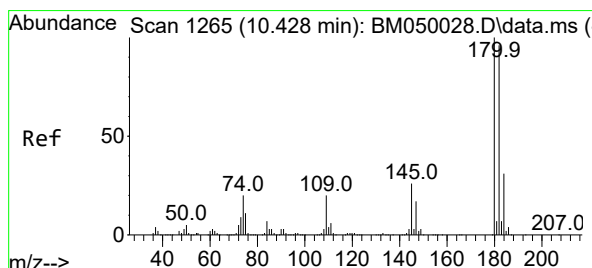
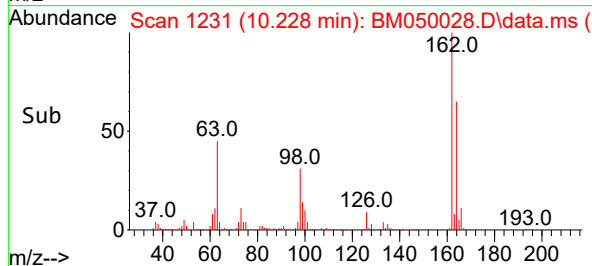
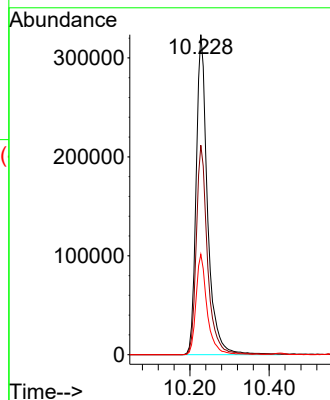
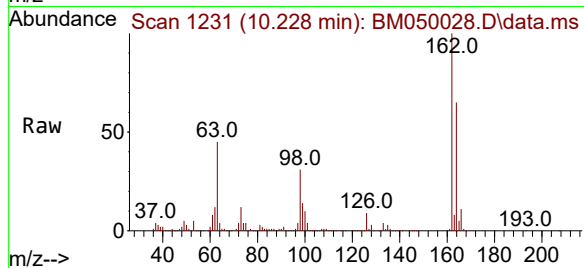
Tgt Ion:162 Resp: 644546

Ion Ratio Lower Upper

162 100

164 65.4 45.4 85.4

98 31.3 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.060 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

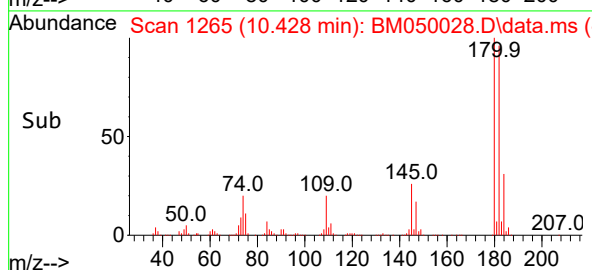
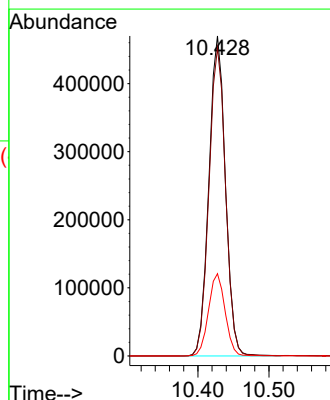
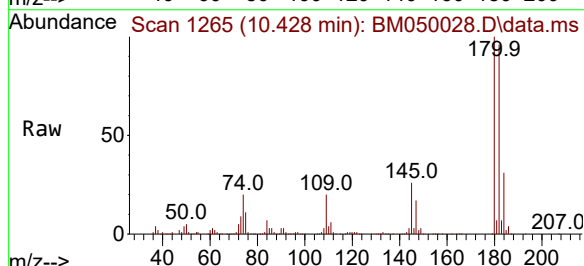
Tgt Ion:180 Resp: 759987

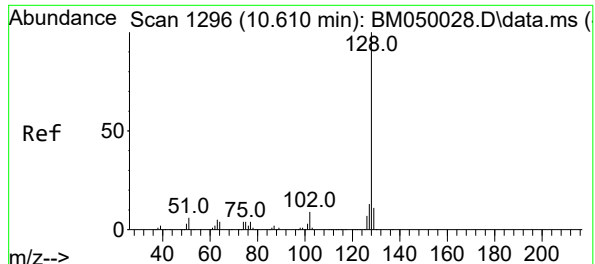
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 25.7 20.6 30.8

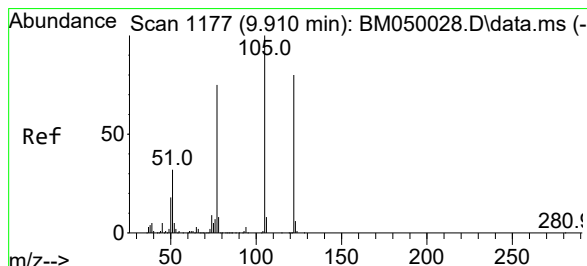
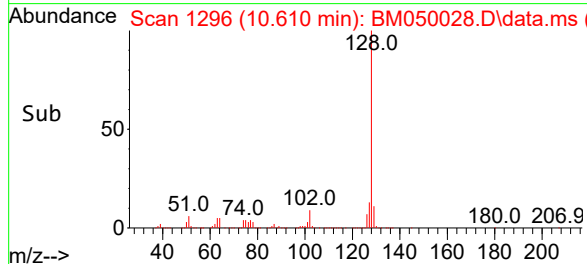
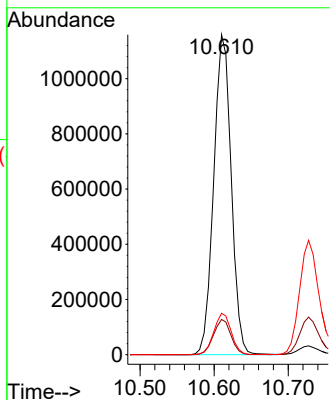
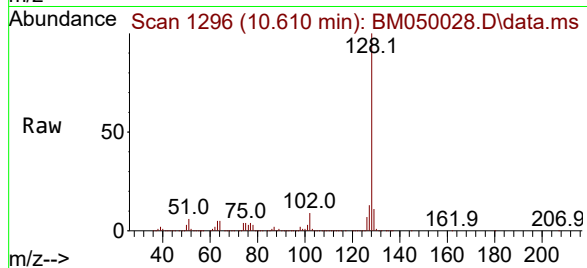




#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

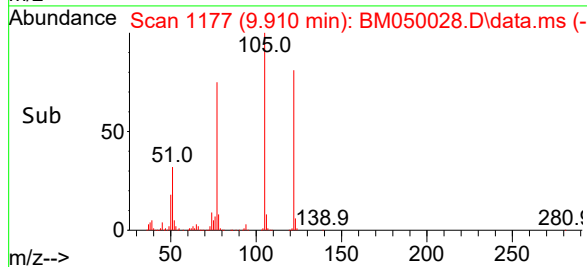
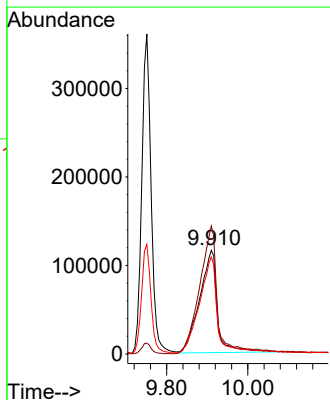
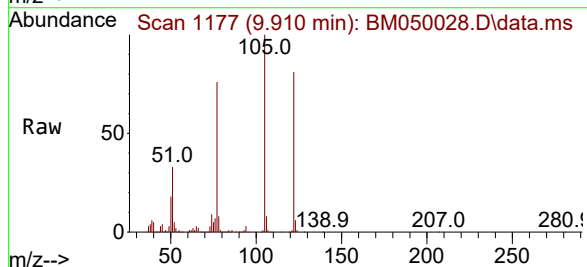
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

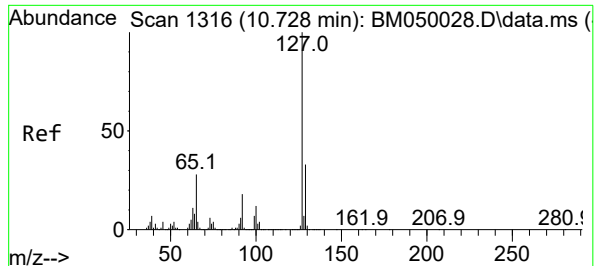
Tgt Ion:128 Resp: 1898588
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



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

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





#33

4-Chloroaniline

Concen: 42.448 ng

RT: 10.728 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 784625

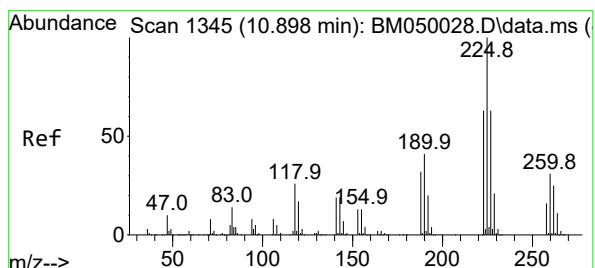
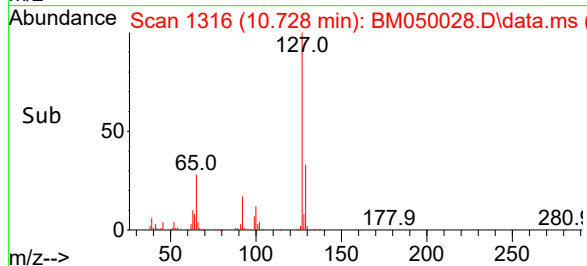
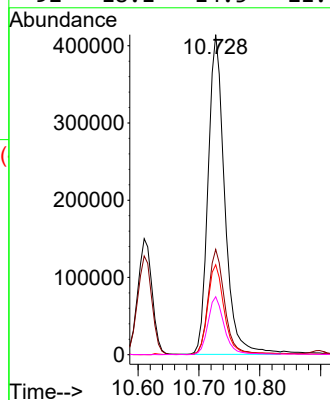
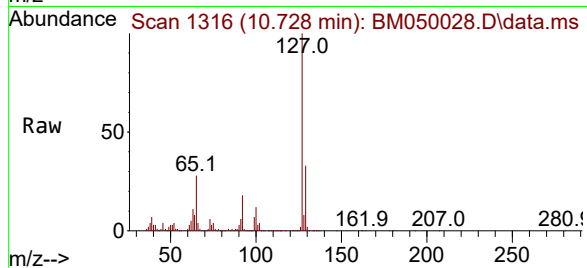
Ion Ratio Lower Upper

127 100

129 32.9 26.3 39.5

65 28.1 22.5 33.7

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 41.981 ng

RT: 10.898 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

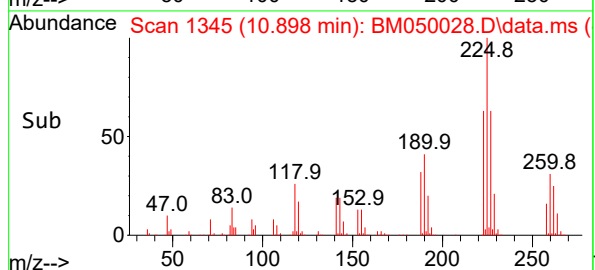
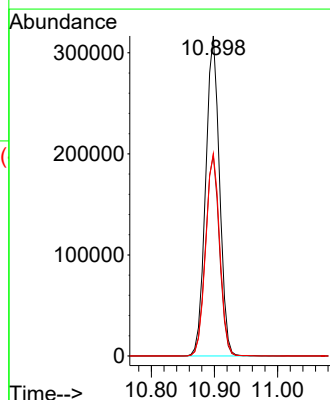
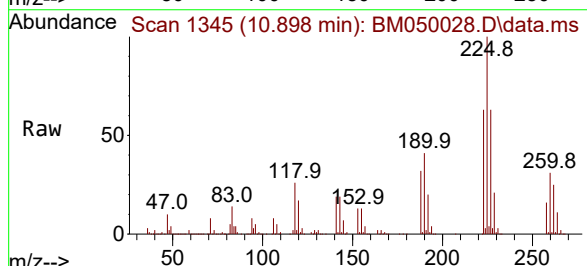
Tgt Ion:225 Resp: 481510

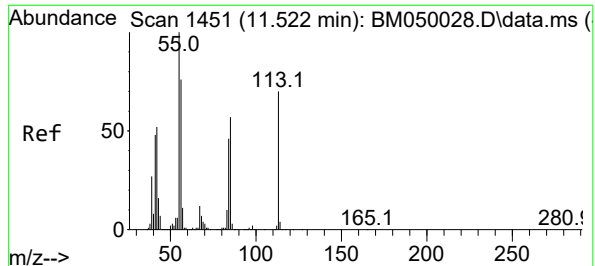
Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

227 63.3 50.6 76.0

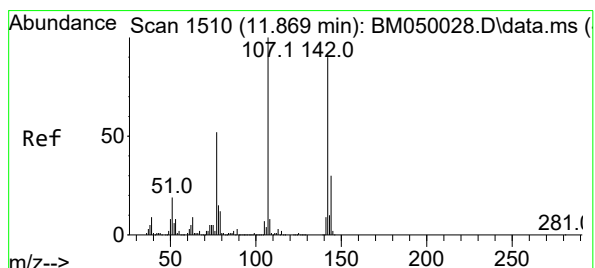
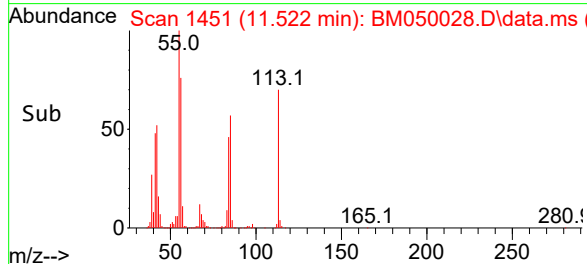
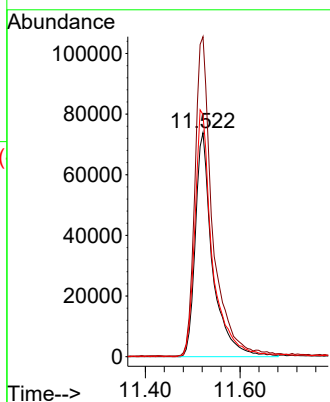
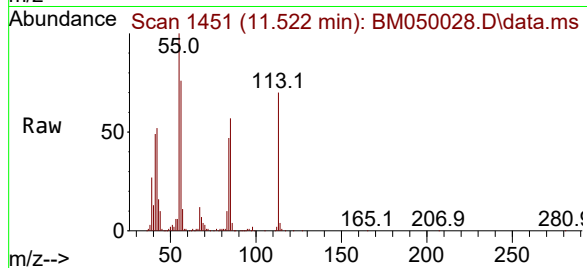




#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

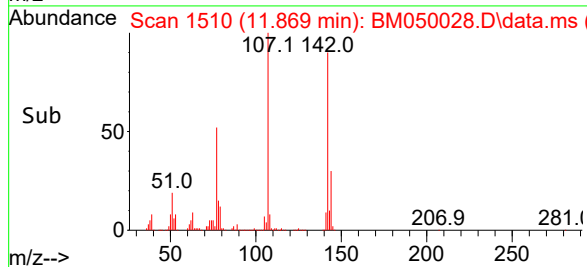
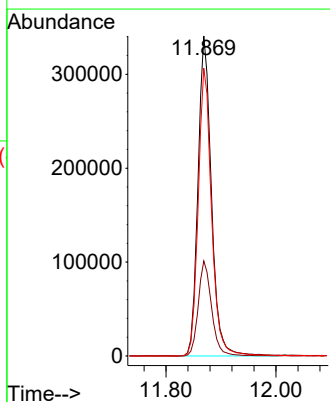
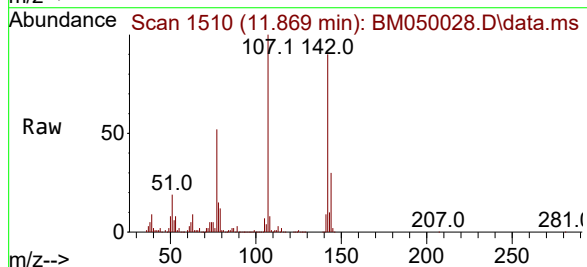
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

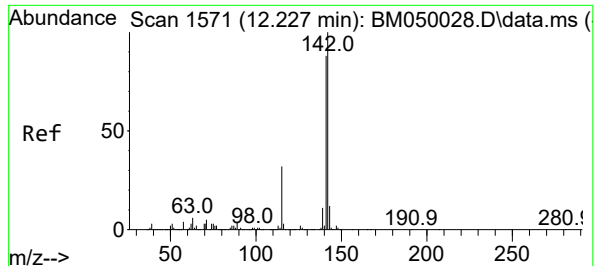
Tgt Ion:113 Resp: 185984
Ion Ratio Lower Upper
113 100
55 142.9 122.9 162.9
56 108.1 88.1 128.1



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

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

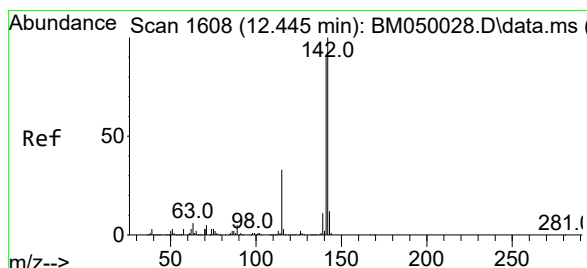
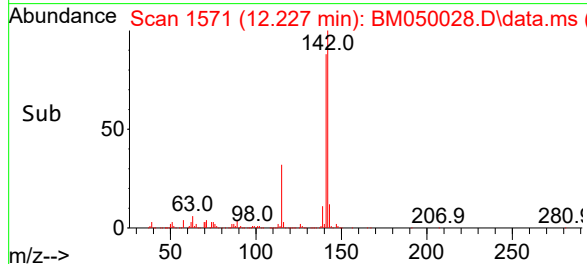
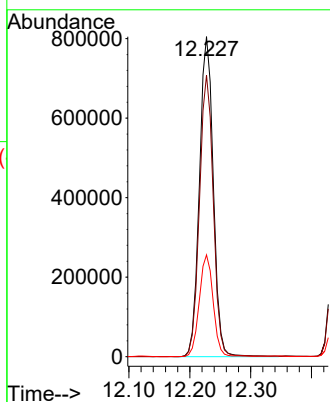
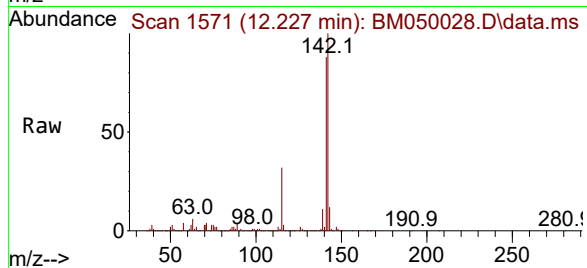




#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

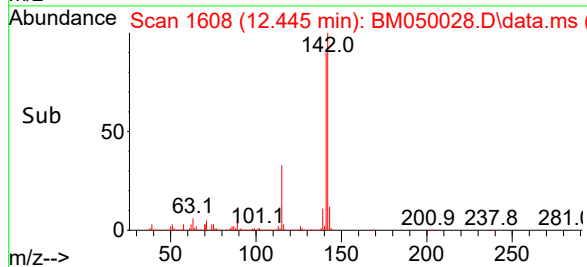
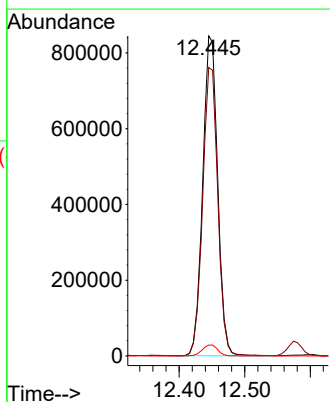
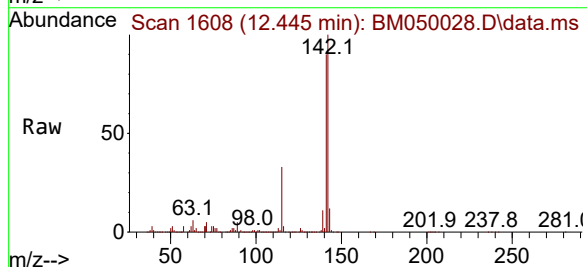
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

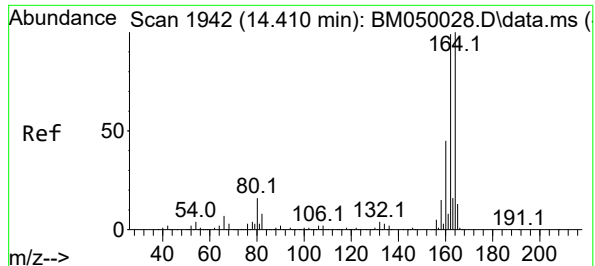
Tgt Ion:142 Resp: 1269061
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2



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

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

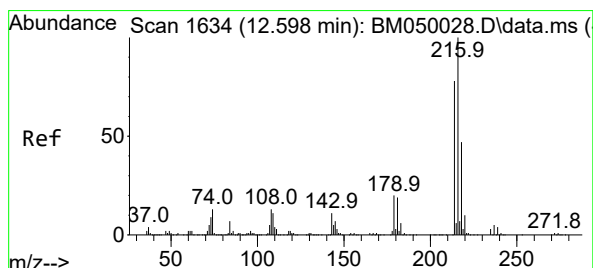
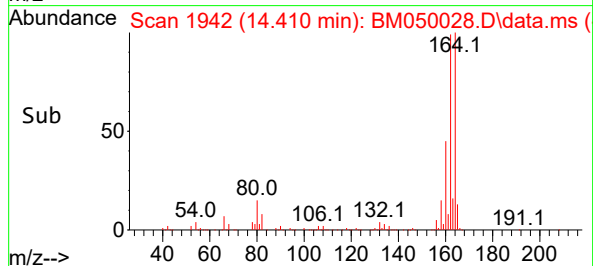
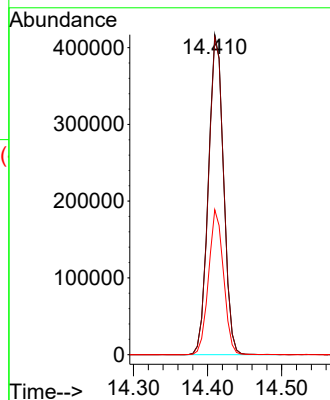
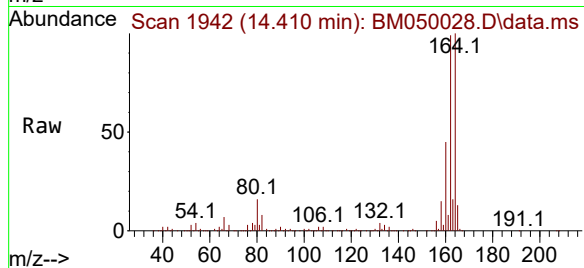
Tgt Ion:164 Resp: 591599

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.894 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

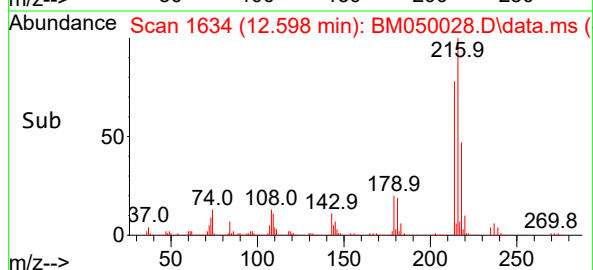
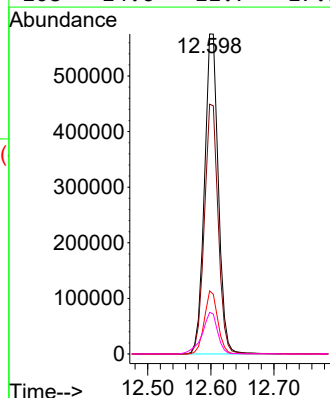
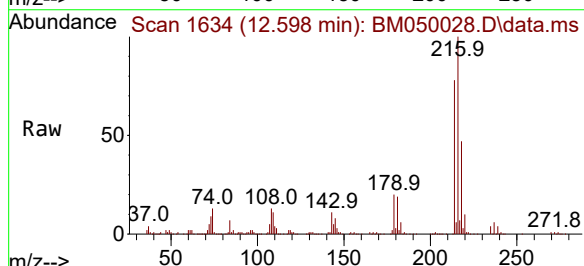
Ion Ratio Lower Upper

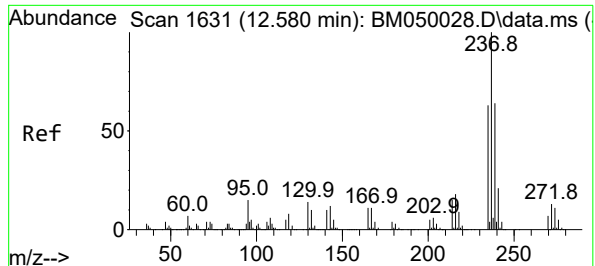
216 100

214 77.9 62.3 93.5

179 19.2 15.4 23.0

108 14.6 11.7 17.5

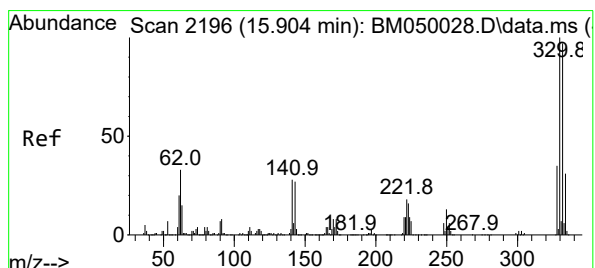
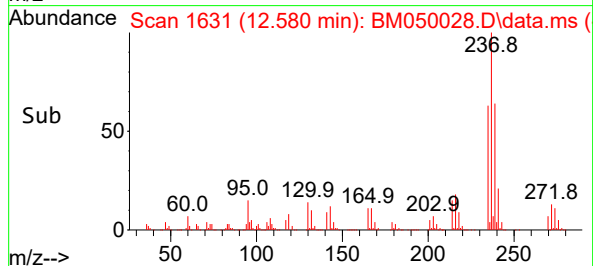
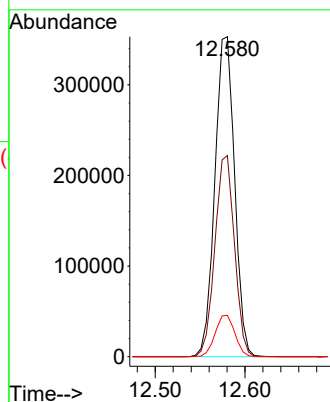
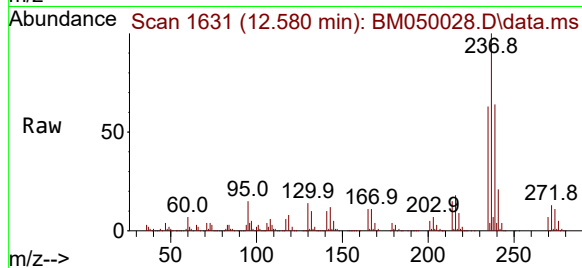




#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

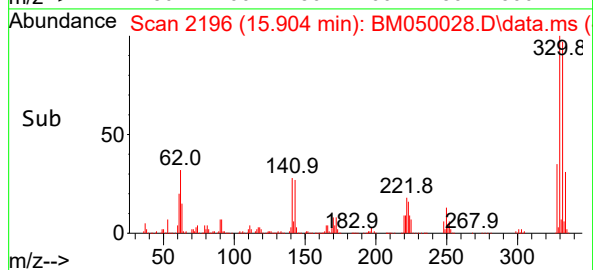
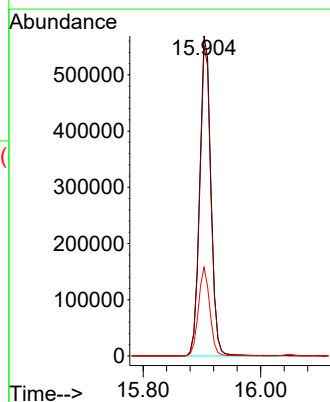
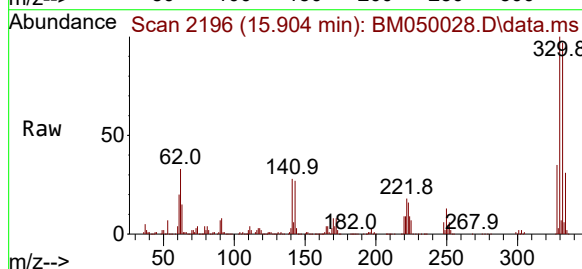
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

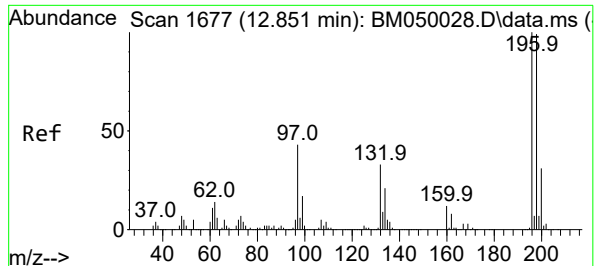
Tgt Ion:237 Resp: 538788
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.9 0.0 32.9



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

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





#43

2,4,6-Trichlorophenol

Concen: 43.368 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

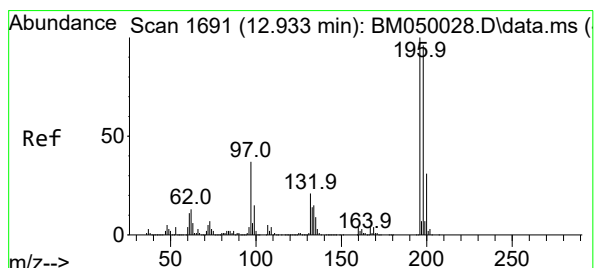
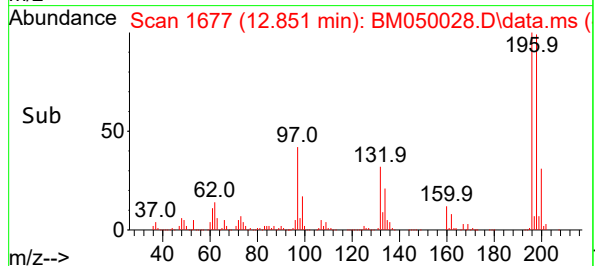
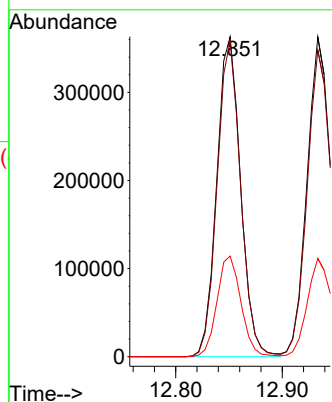
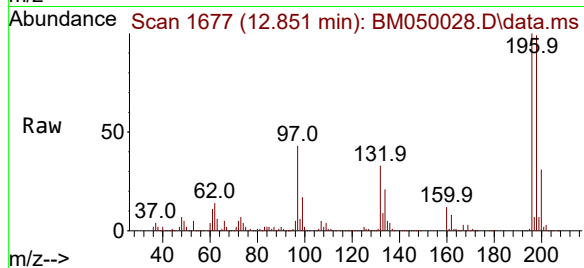
Tgt Ion:196 Resp: 563324

Ion Ratio Lower Upper

196 100

198 98.8 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.706 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

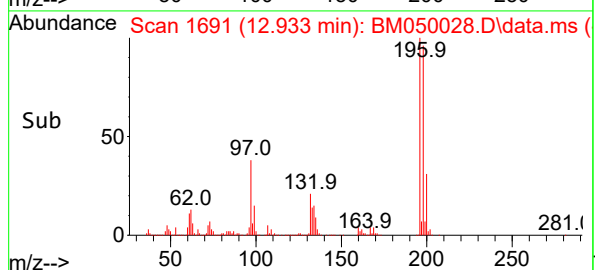
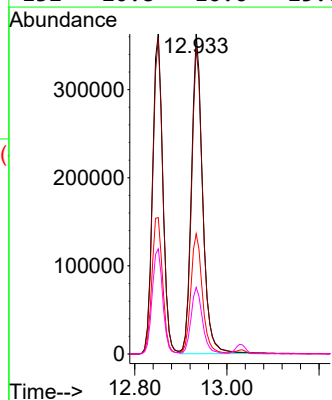
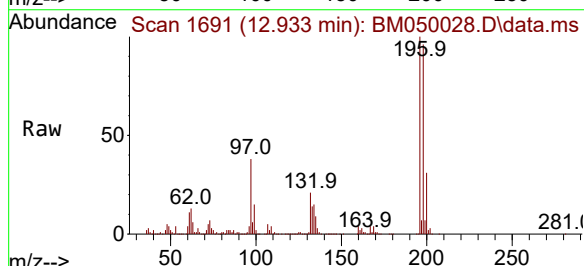
Ion Ratio Lower Upper

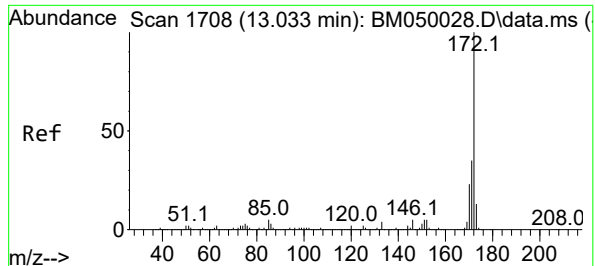
196 100

198 95.9 76.7 115.1

97 37.6 30.1 45.1

132 20.8 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 85.489 ng

RT: 13.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

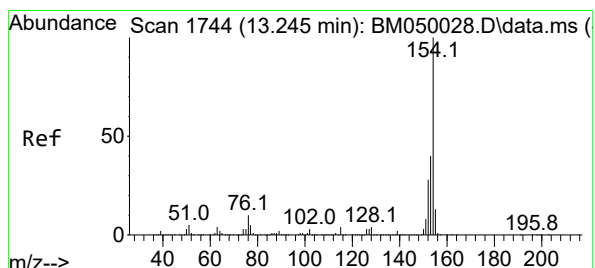
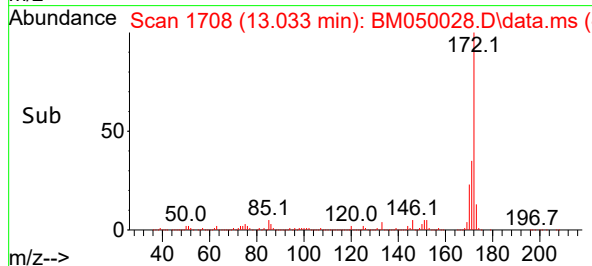
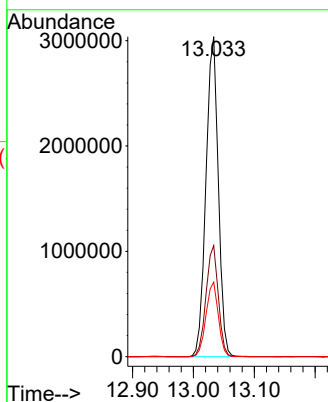
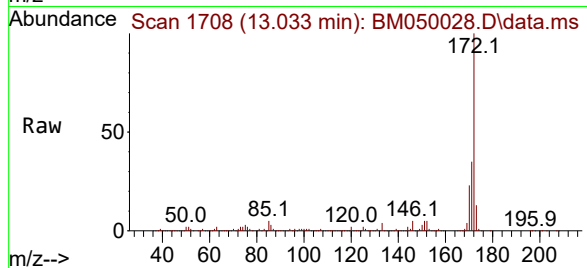
Tgt Ion:172 Resp: 4275240

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.309 ng

RT: 13.245 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

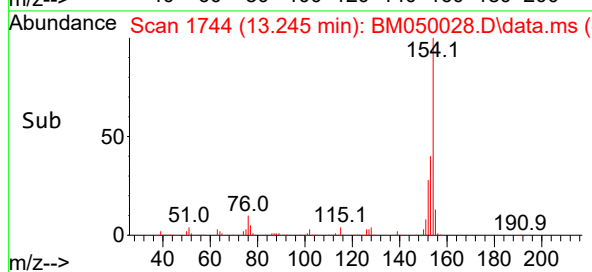
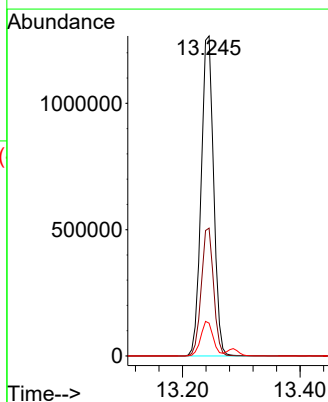
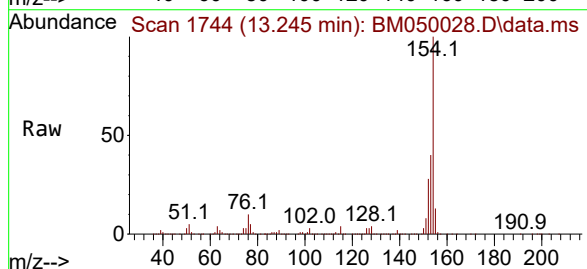
Tgt Ion:154 Resp: 1860581

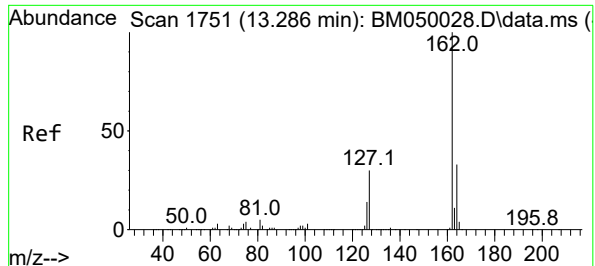
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.480 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

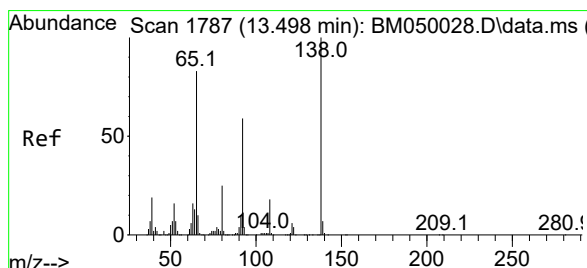
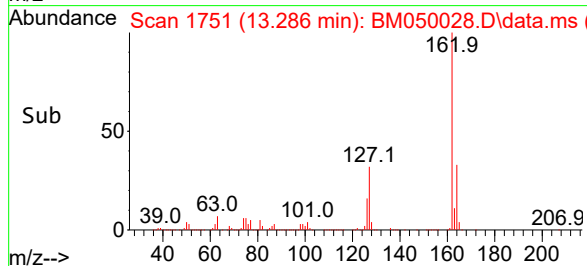
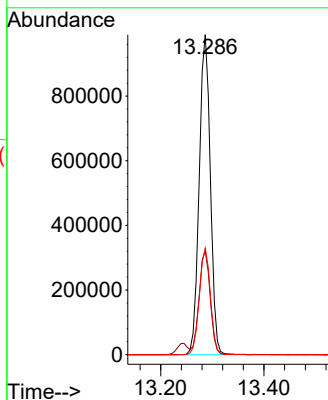
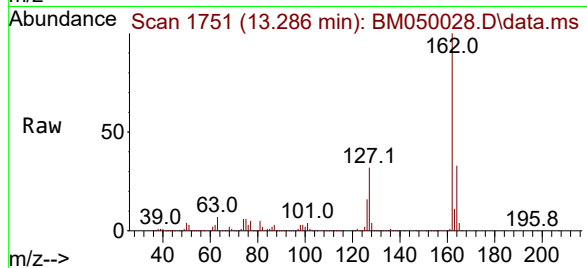
Tgt Ion:162 Resp: 1479560

Ion Ratio Lower Upper

162 100

127 32.4 25.9 38.9

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 43.684 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

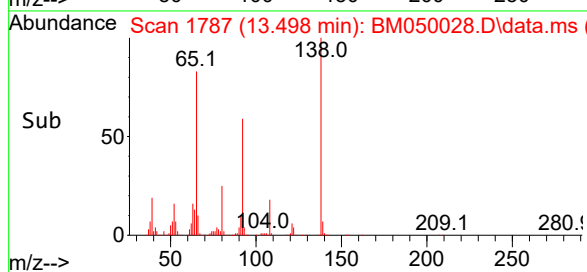
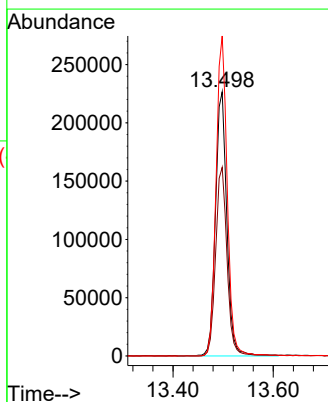
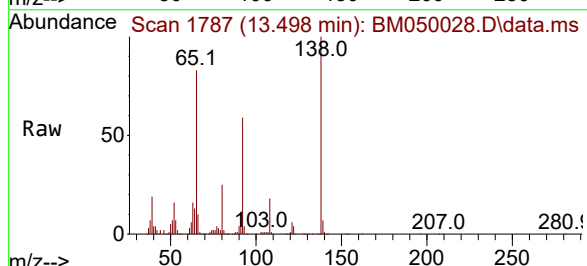
Tgt Ion: 65 Resp: 357098

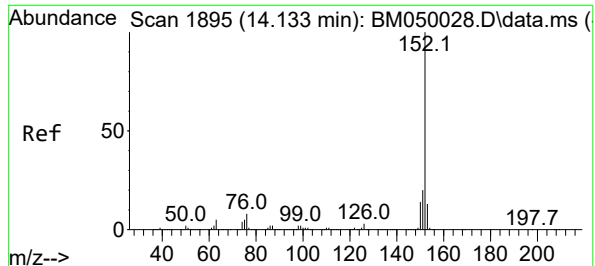
Ion Ratio Lower Upper

65 100

92 71.4 57.1 85.7

138 121.2 97.0 145.4





#49

Acenaphthylene

Concen: 42.478 ng

RT: 14.133 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

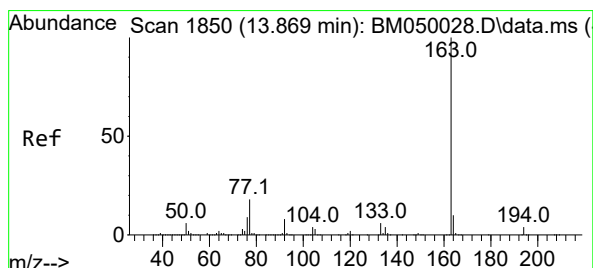
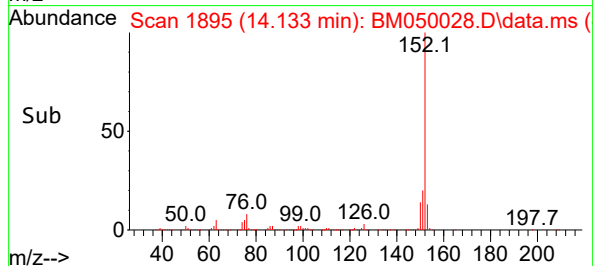
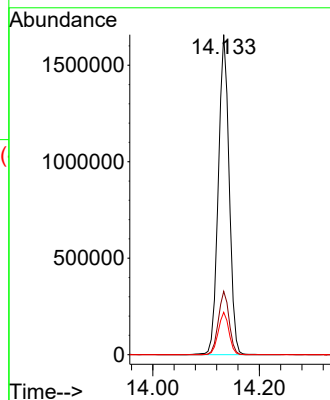
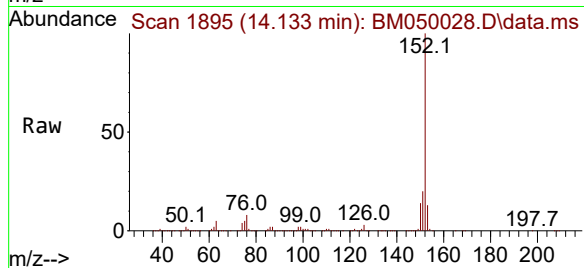
Tgt Ion:152 Resp: 2332675

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.918 ng

RT: 13.869 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

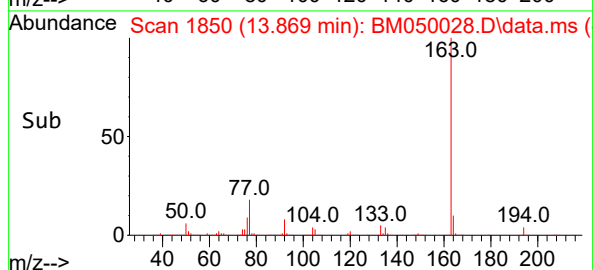
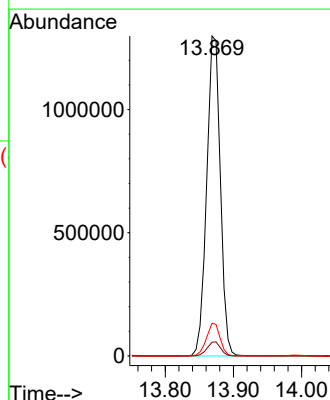
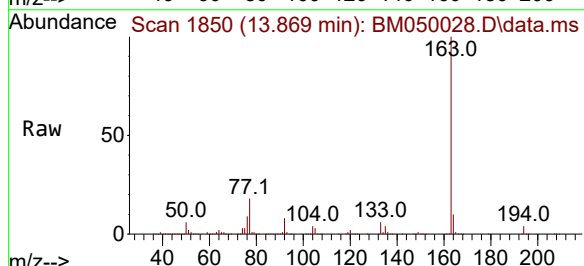
Tgt Ion:163 Resp: 1812335

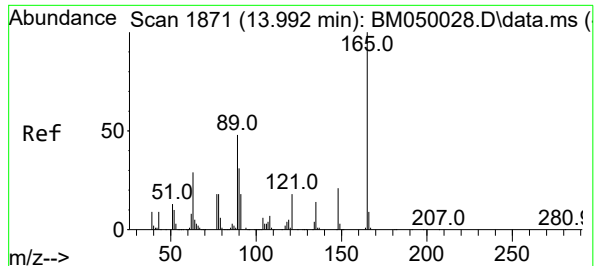
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

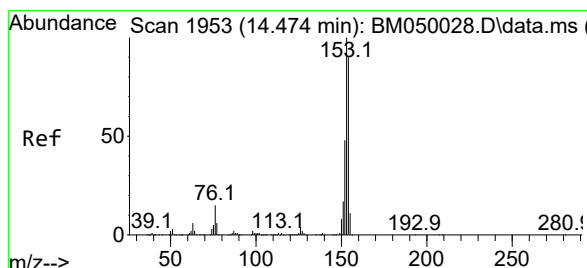
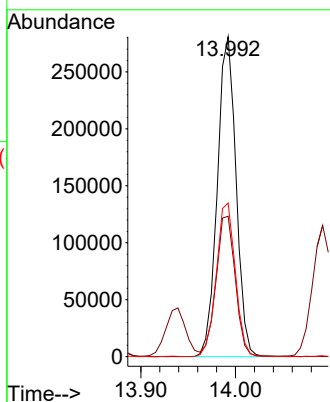
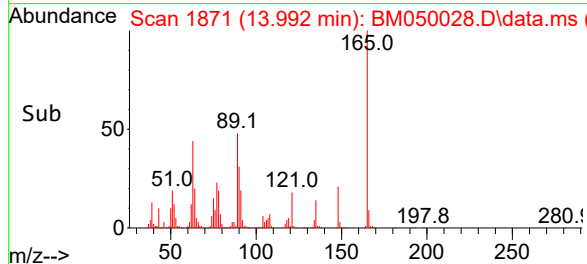
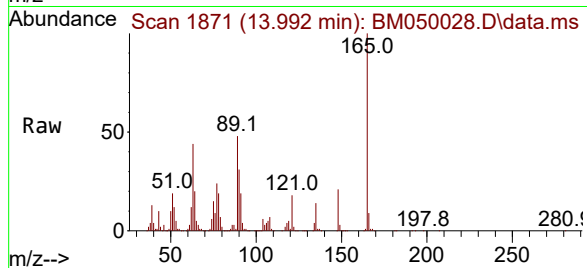




#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

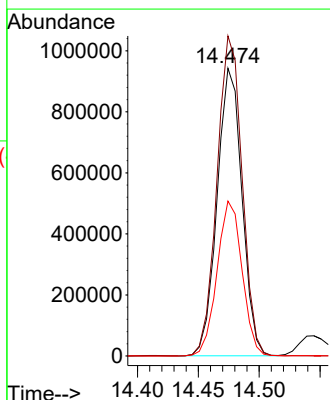
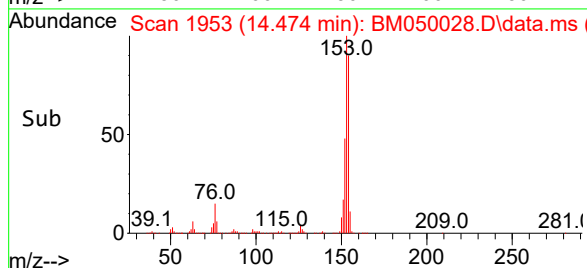
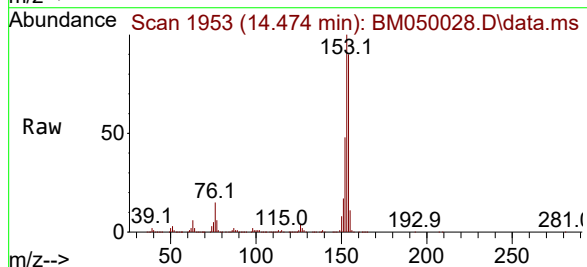
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

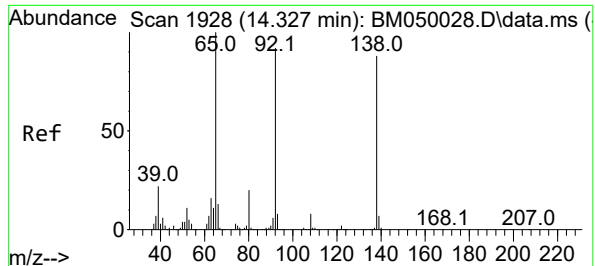
Tgt Ion:165 Resp: 386623
Ion Ratio Lower Upper
165 100
63 43.9 35.1 52.7
89 48.0 38.4 57.6



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

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

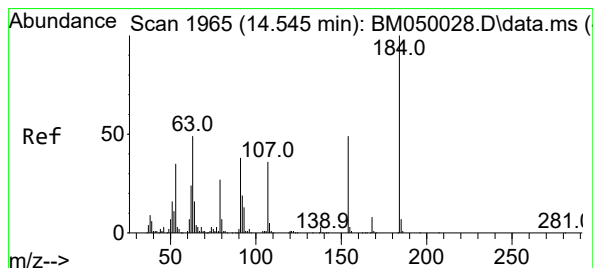
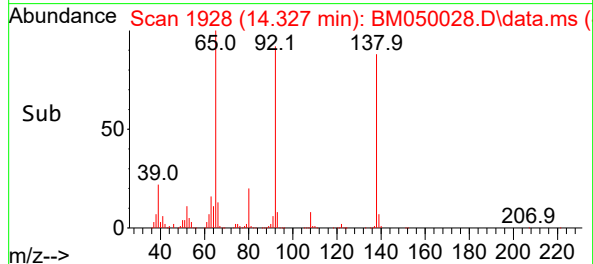
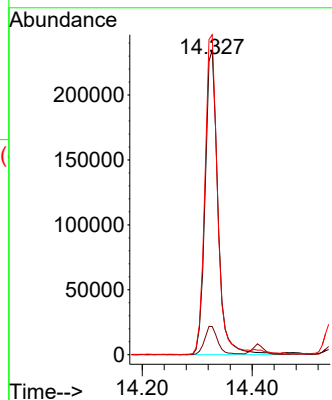
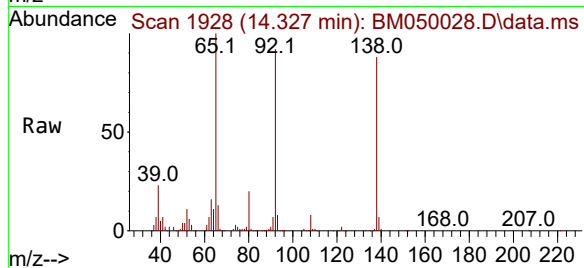




#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

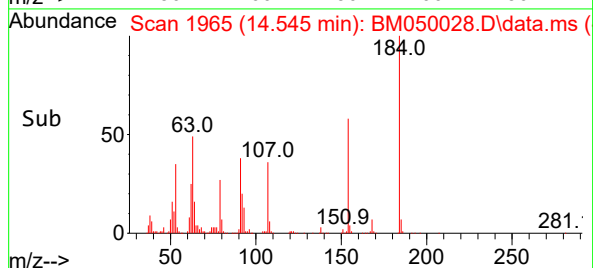
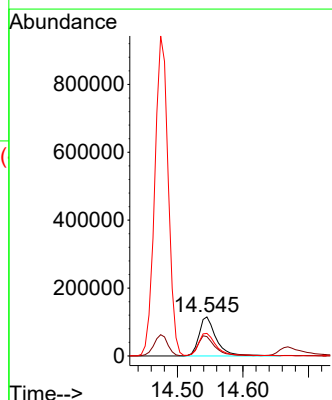
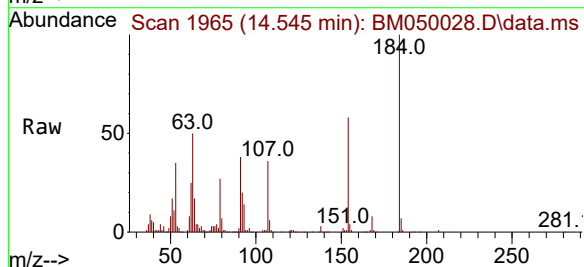
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

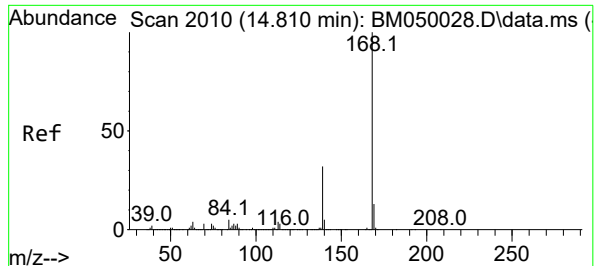
Tgt Ion:138 Resp: 379359
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 105.0 84.0 126.0



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

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





#55

Dibenzofuran

Concen: 41.961 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

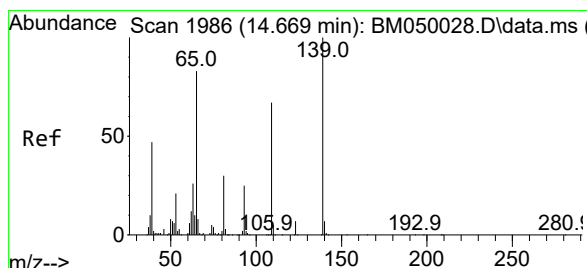
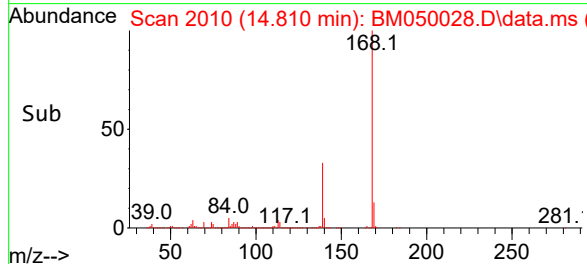
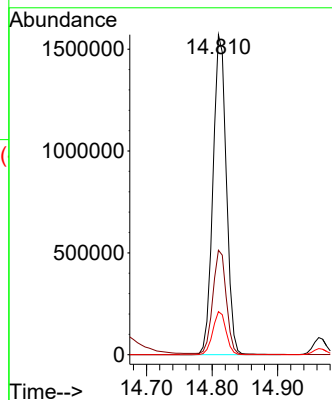
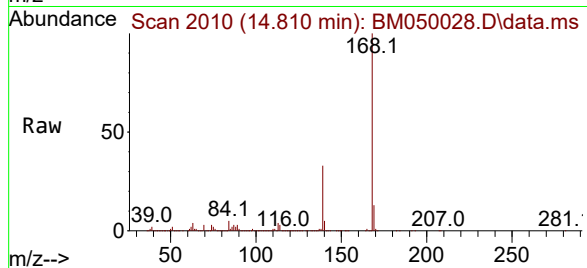
Tgt Ion:168 Resp: 2219206

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.483 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.001 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

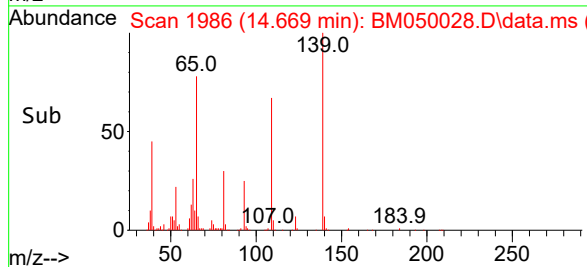
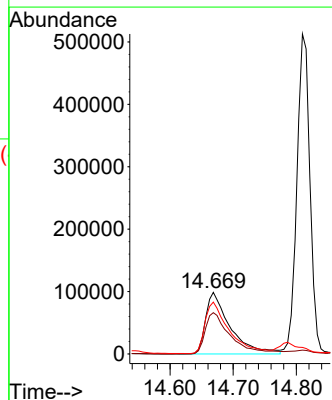
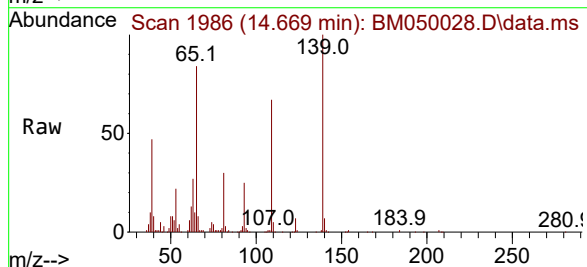
Tgt Ion:139 Resp: 264964

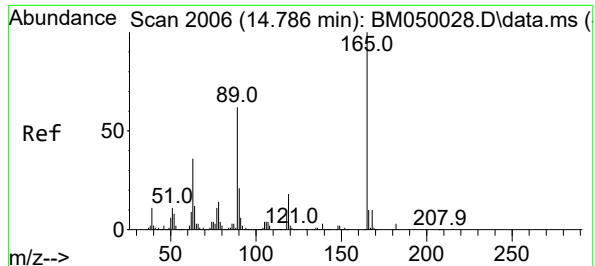
Ion Ratio Lower Upper

139 100

109 67.0 47.0 87.0

65 84.3 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 43.646 ng

RT: 14.786 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 539867

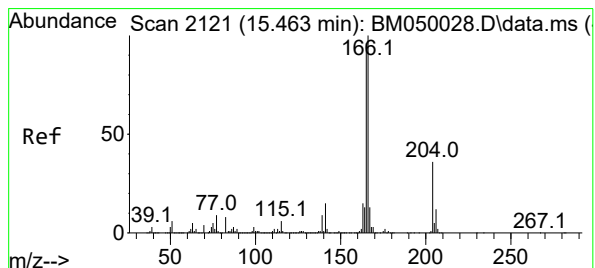
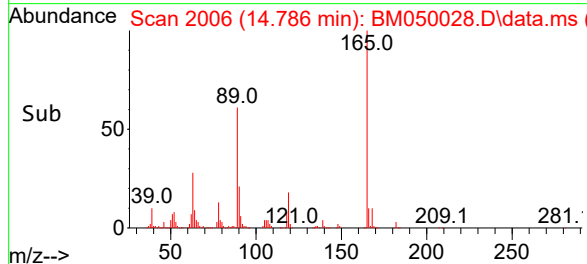
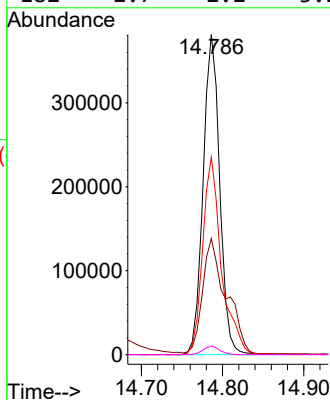
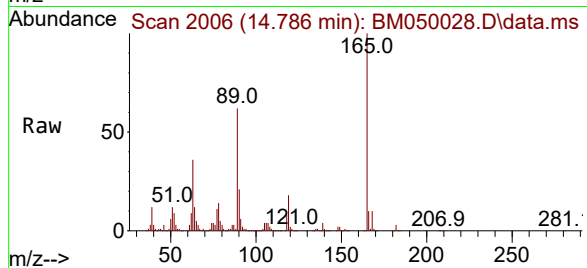
Ion Ratio Lower Upper

165 100

63 36.3 29.0 43.6

89 61.8 49.4 74.2

182 2.7 2.2 3.2



#58

Fluorene

Concen: 42.580 ng

RT: 15.463 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

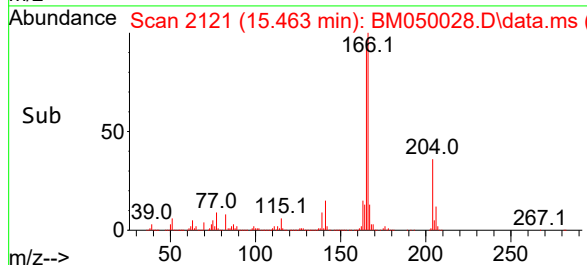
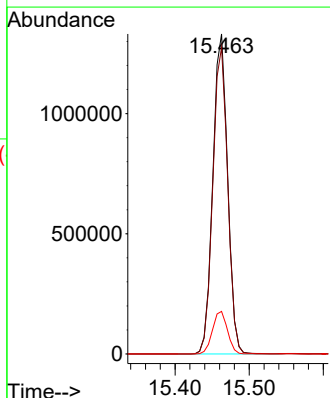
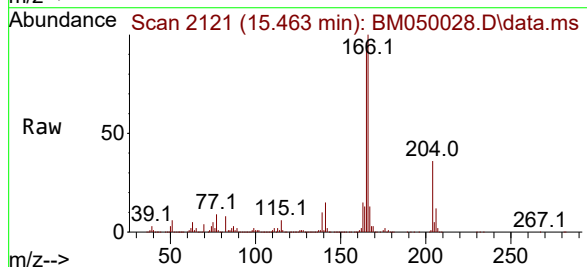
Tgt Ion:166 Resp: 1843261

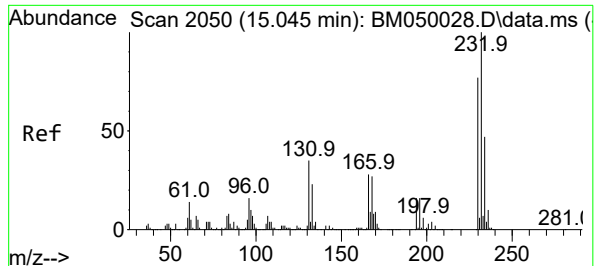
Ion Ratio Lower Upper

166 100

165 95.8 76.6 115.0

167 13.3 10.6 16.0

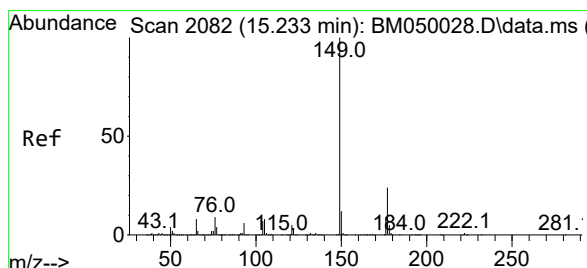
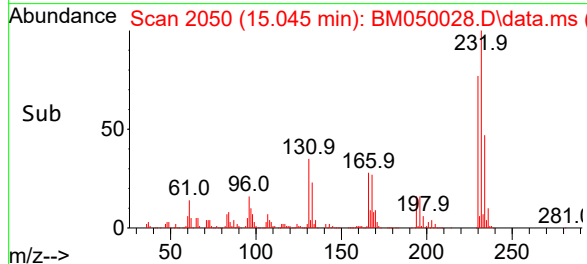
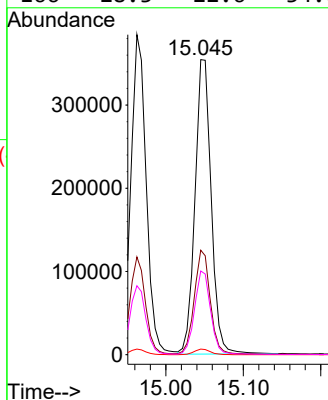
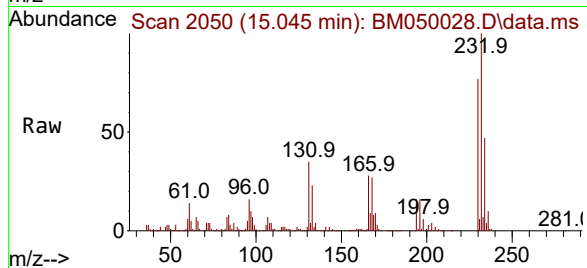




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

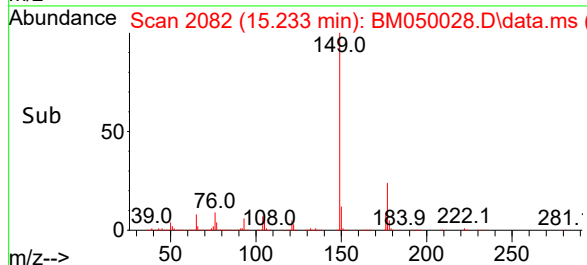
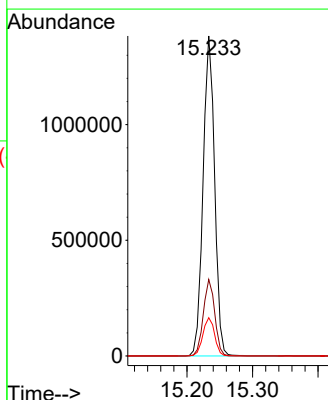
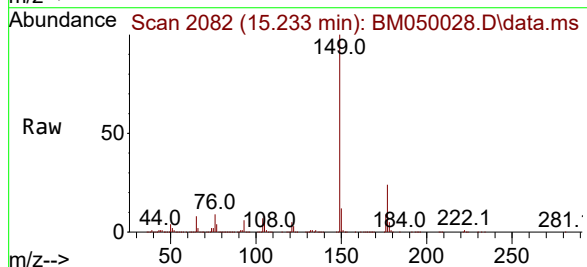
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

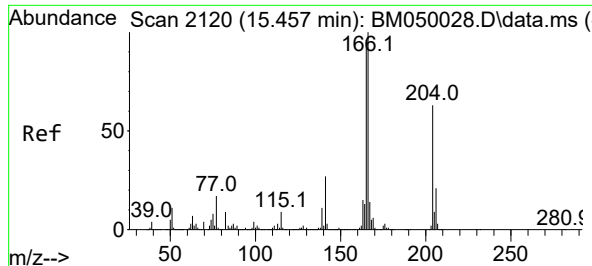
Tgt Ion:232 Resp: 514644
Ion Ratio Lower Upper
232 100
131 35.3 28.2 42.4
130 1.9 1.5 2.3
166 28.3 22.6 34.0



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

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

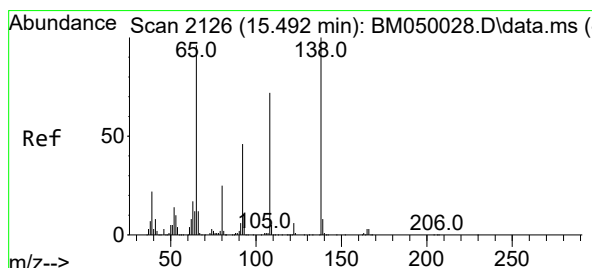
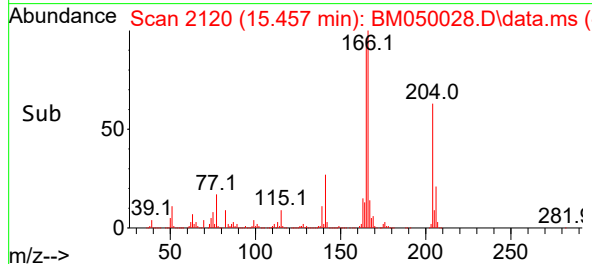
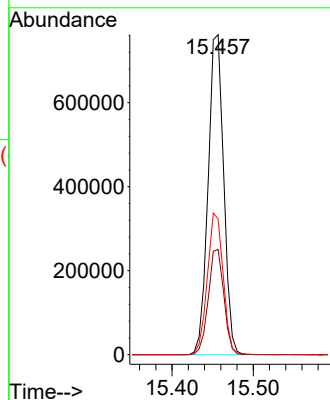
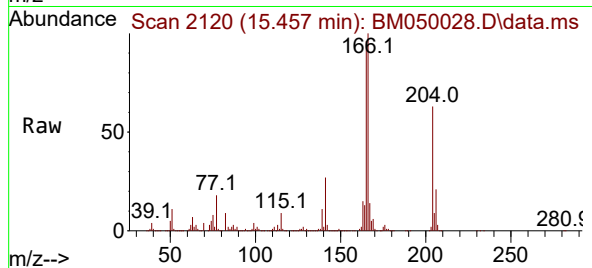




#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

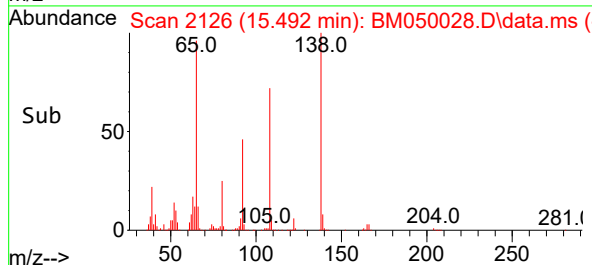
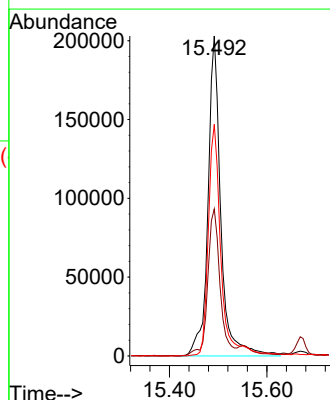
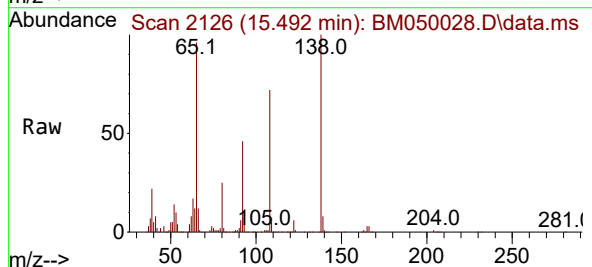
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

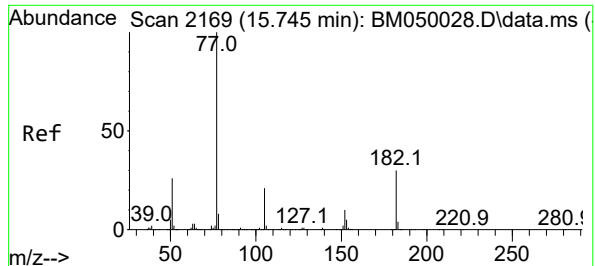
Tgt Ion:204 Resp: 1014134
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 42.5 34.0 51.0



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

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



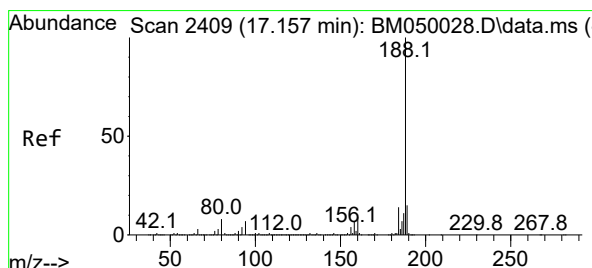
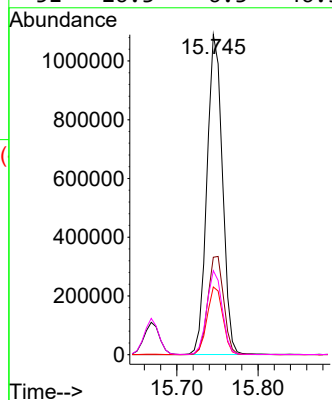
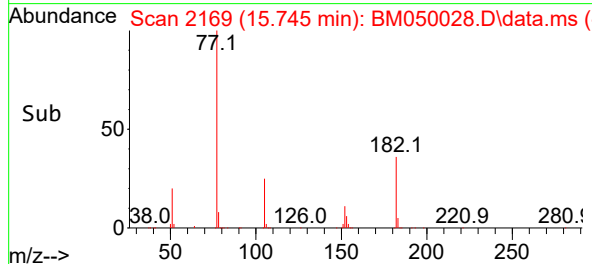
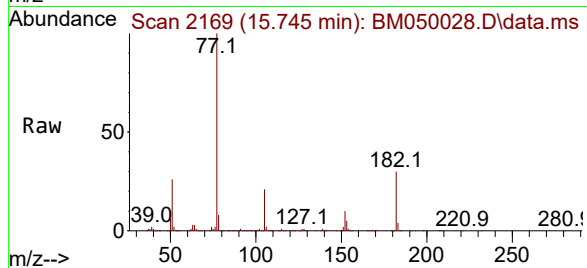


#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1439085

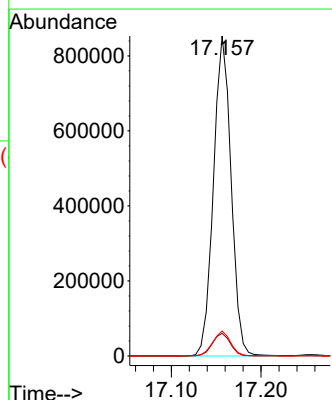
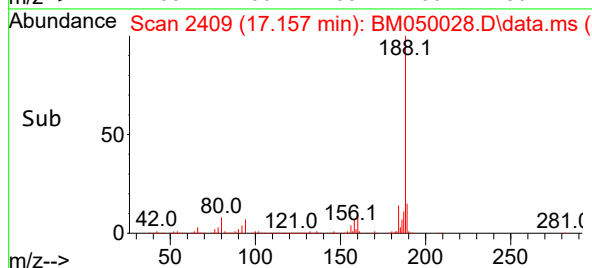
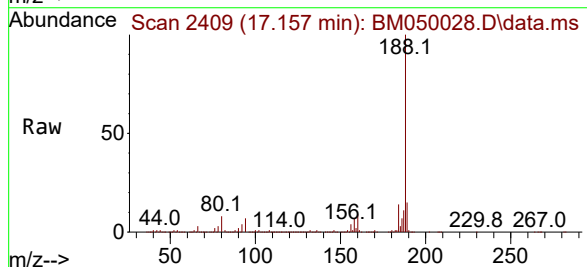
Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.1	1.1	41.1
51	26.3	6.3	46.3

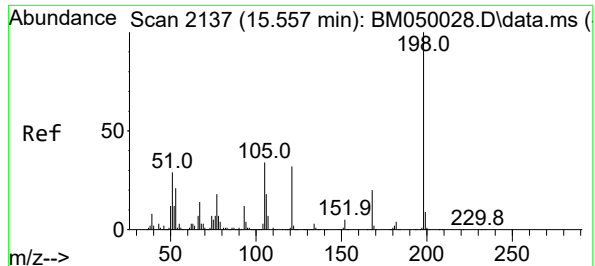


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 188 Resp: 1163791

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4

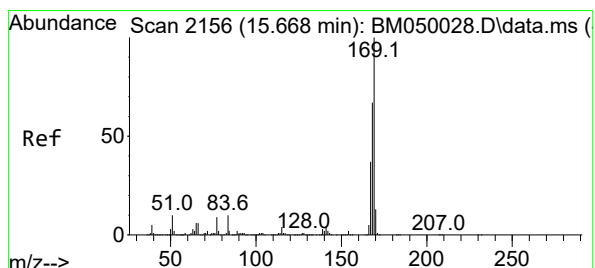
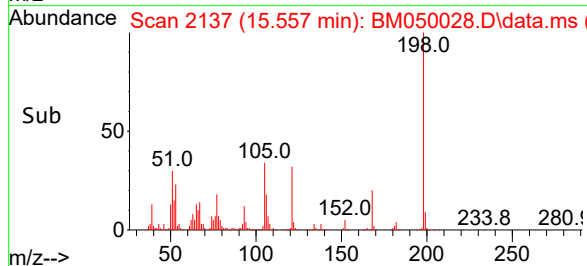
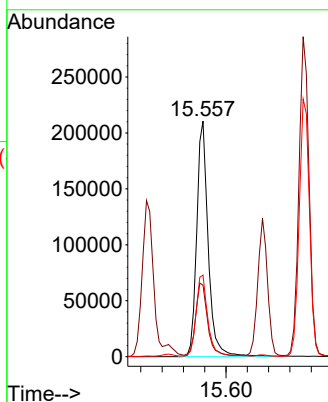
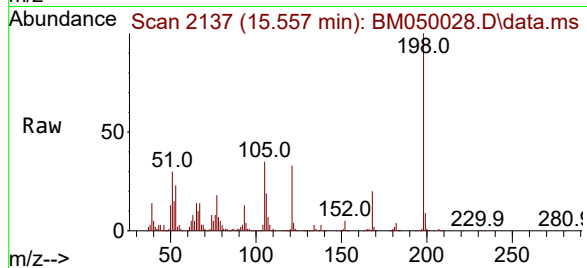




#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

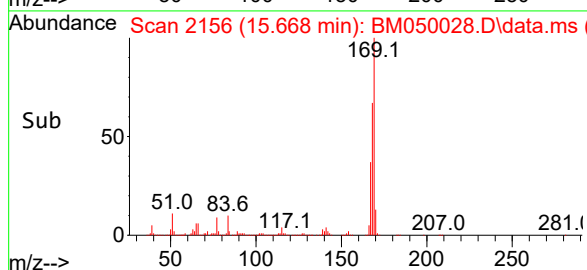
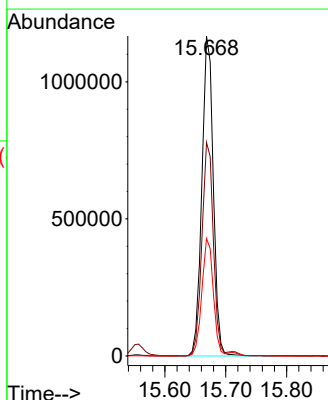
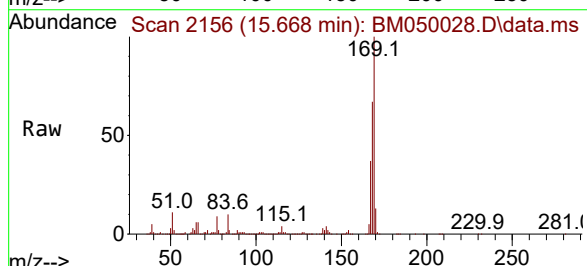
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

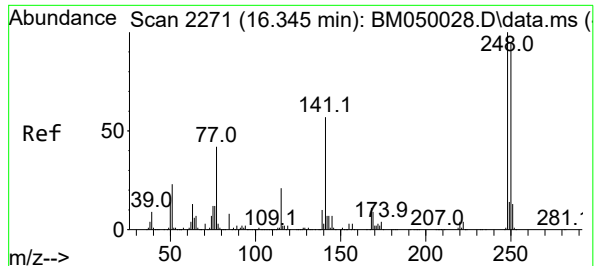
Tgt Ion:198 Resp: 315113
Ion Ratio Lower Upper
198 100
51 30.4 10.4 50.4
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.7 29.4 44.0

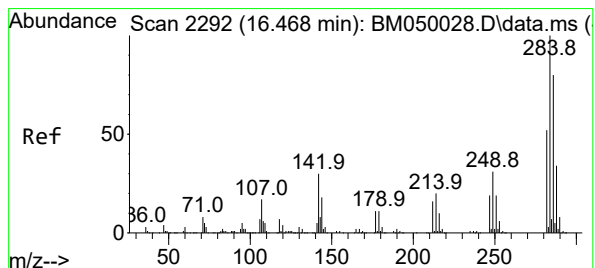
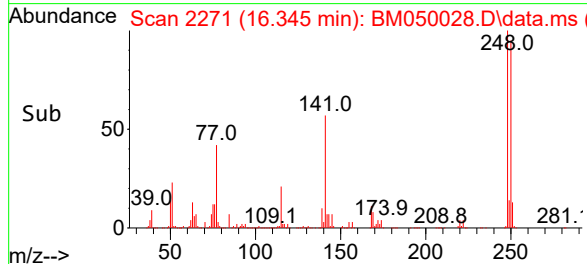
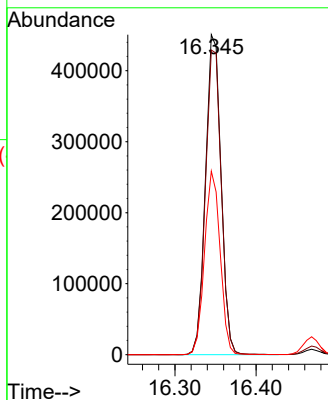
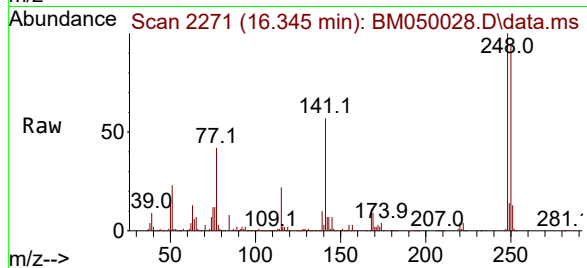




#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

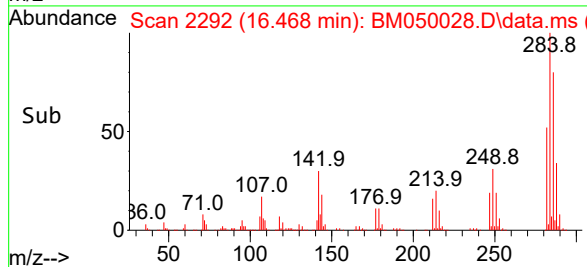
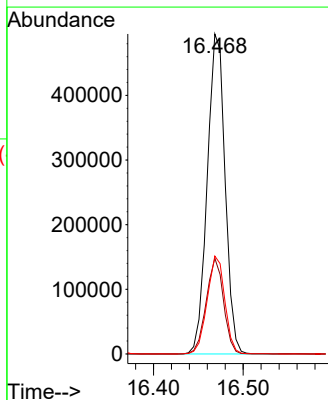
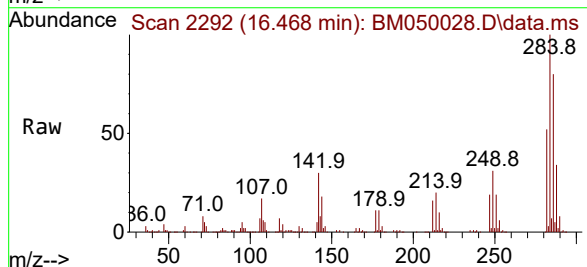
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

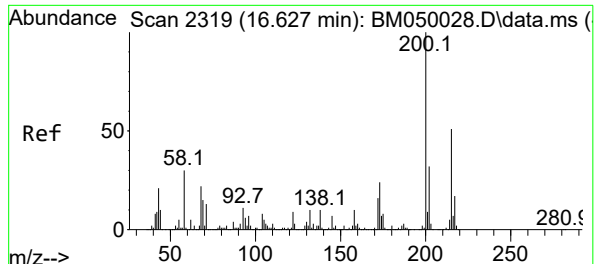
Tgt Ion:248 Resp: 600373
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.2
141 57.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 30.6 24.5 36.7

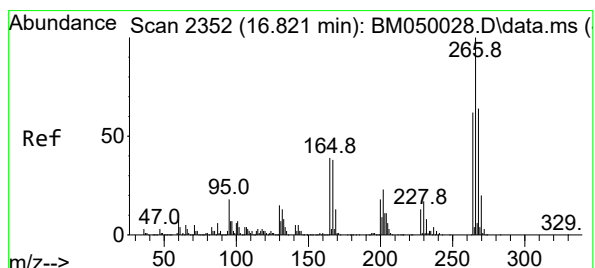
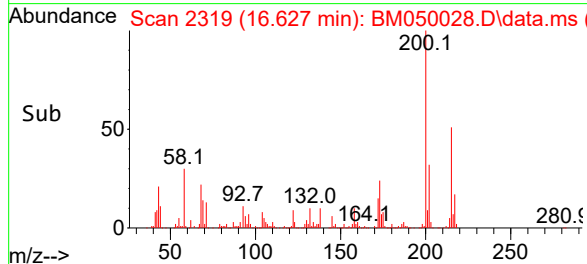
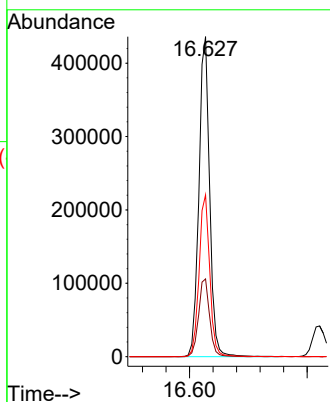
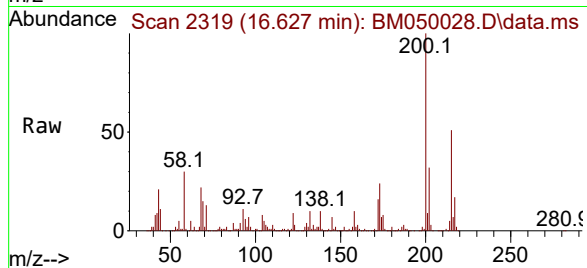




#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

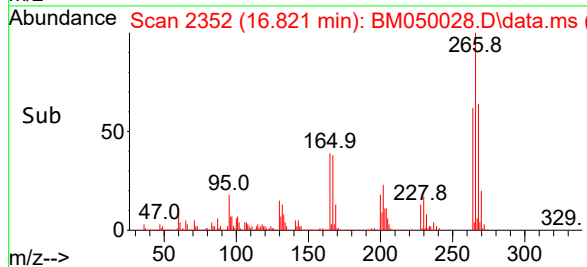
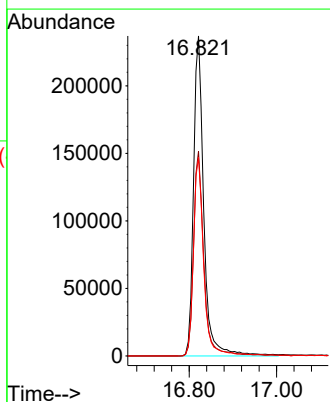
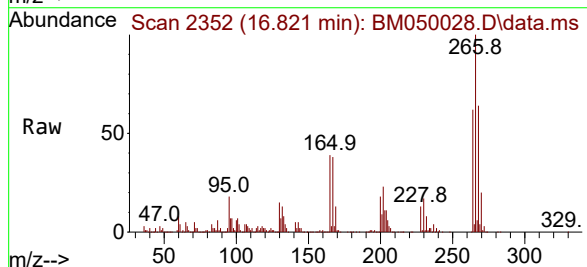
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

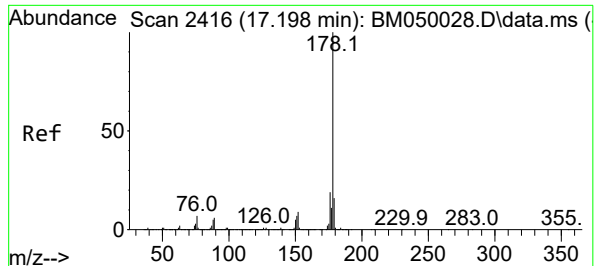
Tgt Ion:200 Resp: 550018
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 50.6 30.6 70.6



#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613
Ion Ratio Lower Upper
266 100
268 64.0 51.2 76.8
264 62.0 49.6 74.4

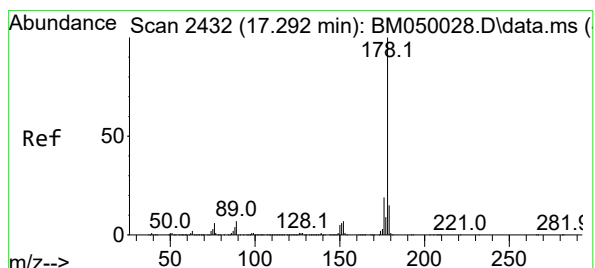
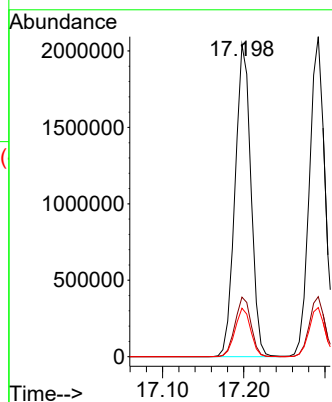
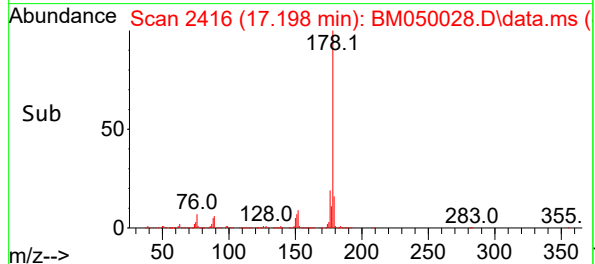
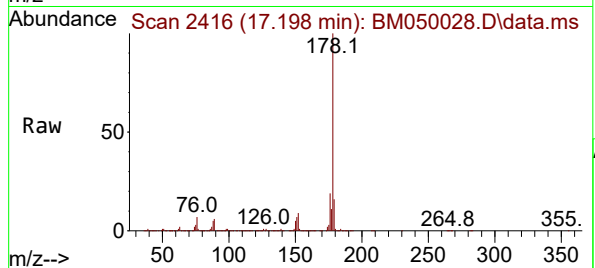




#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

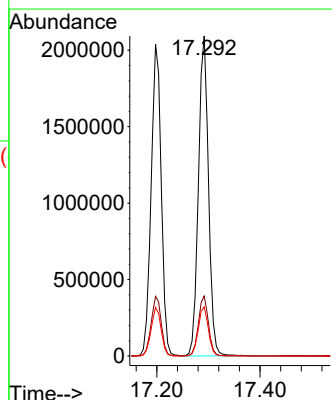
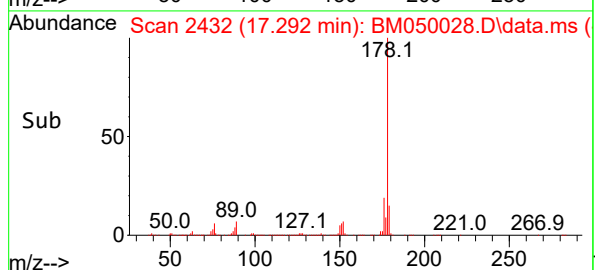
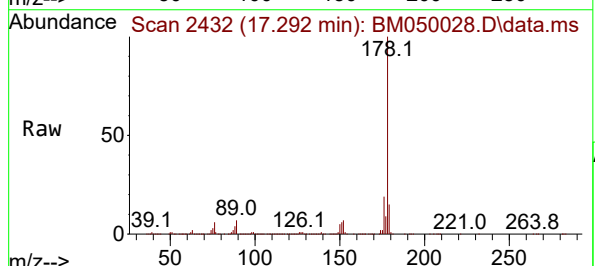
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

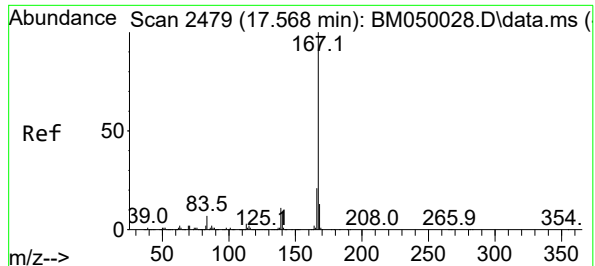
Tgt Ion:178 Resp: 2762249
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4

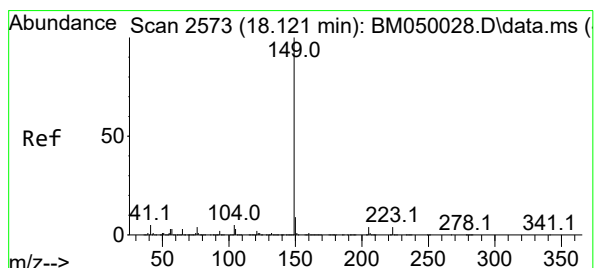
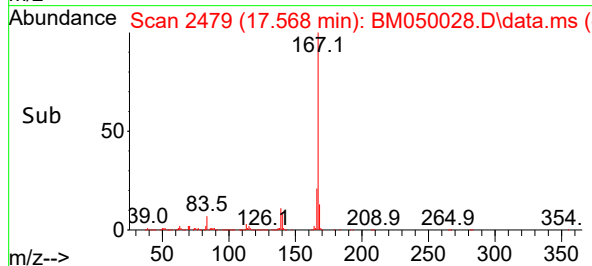
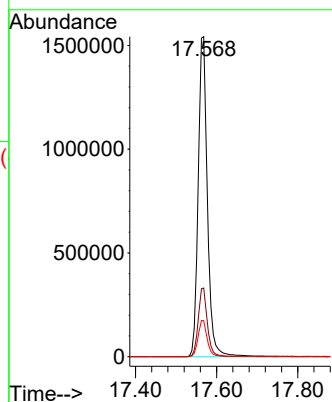
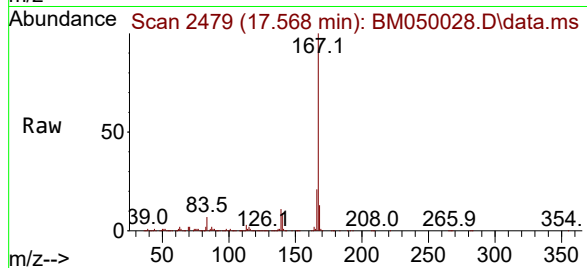




#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

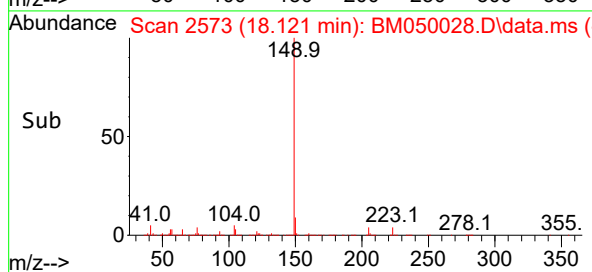
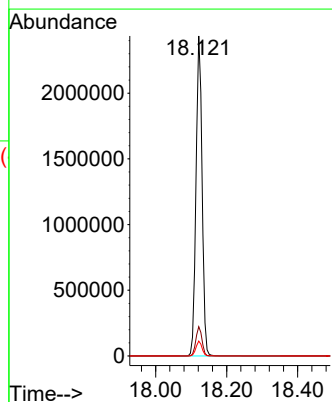
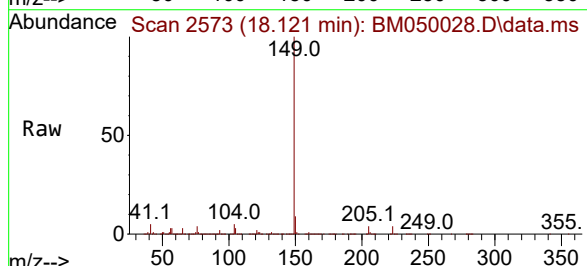
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

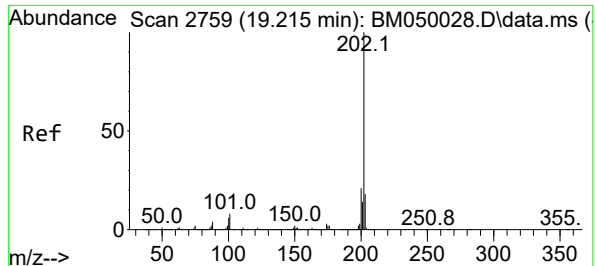
Tgt Ion:167 Resp: 2452474
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

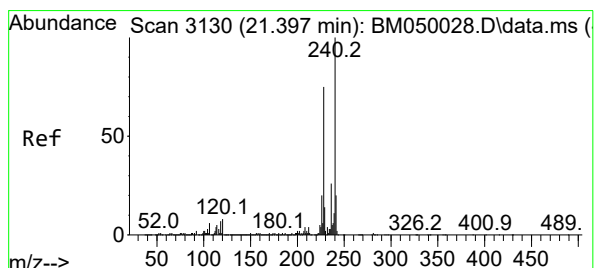
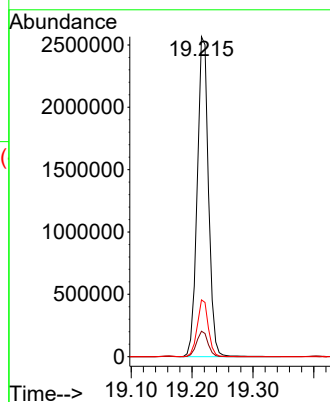
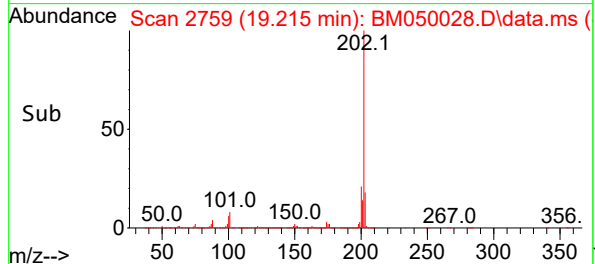
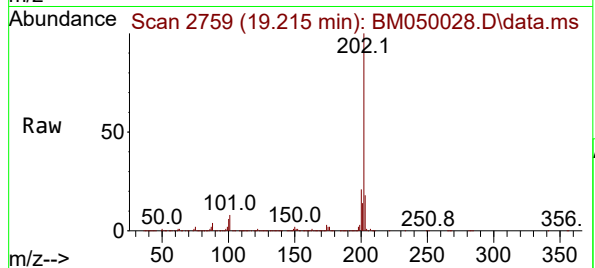




#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

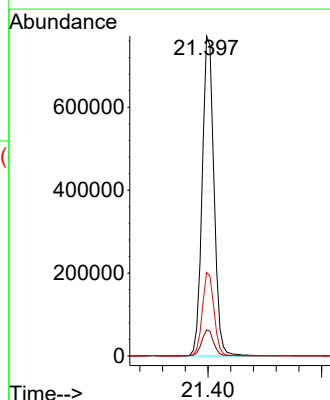
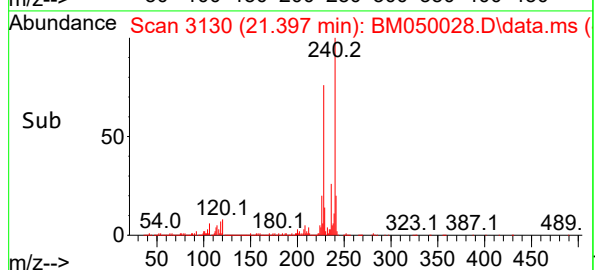
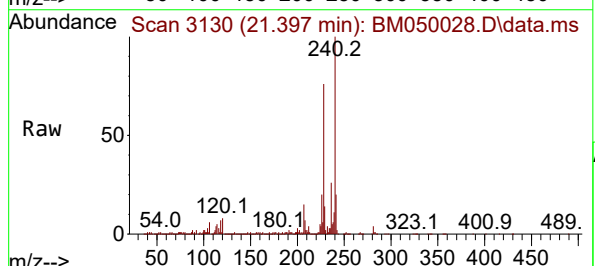
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

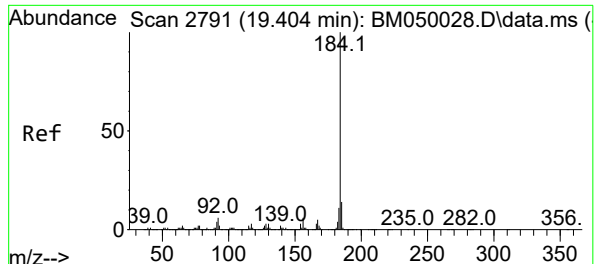
Tgt Ion:202 Resp: 3282789
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 26.1 20.9 31.3

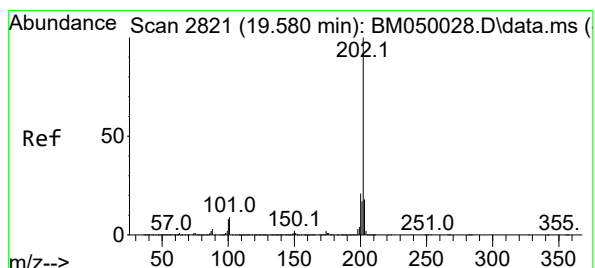
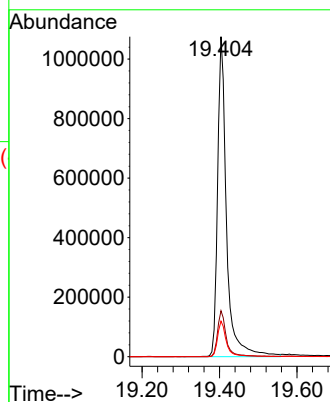
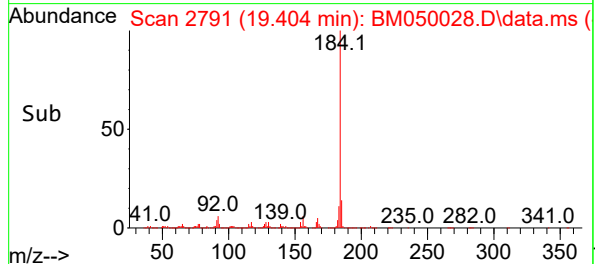
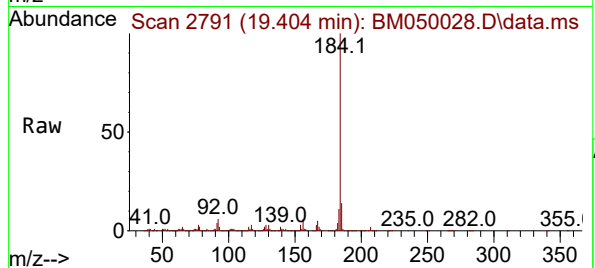




#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

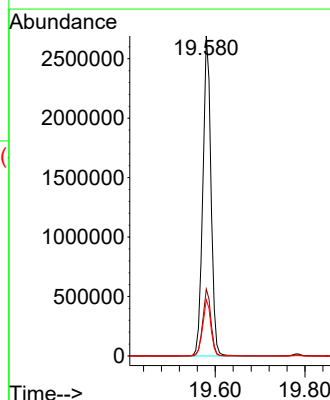
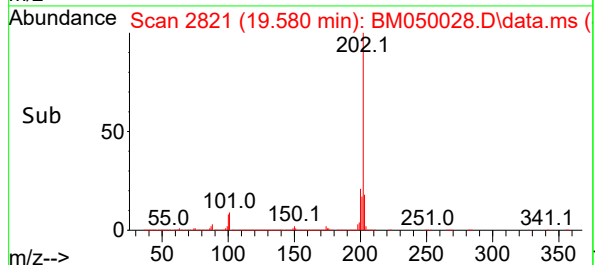
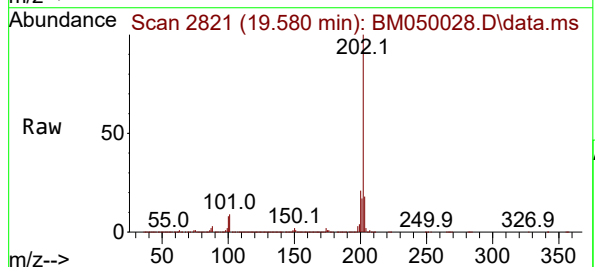
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

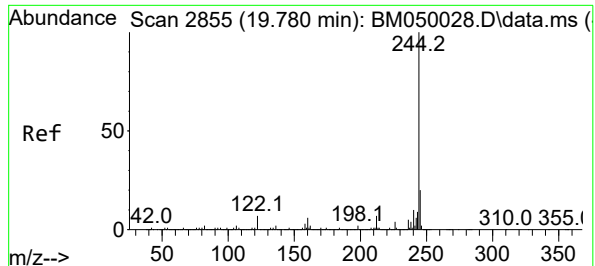
Tgt Ion:184 Resp: 1720168
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1

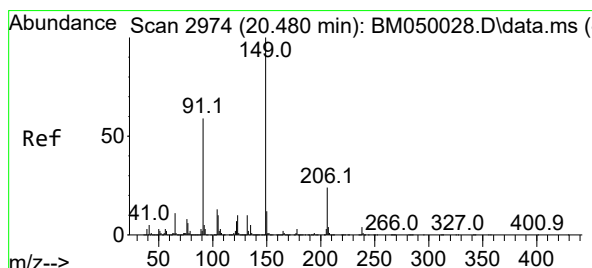
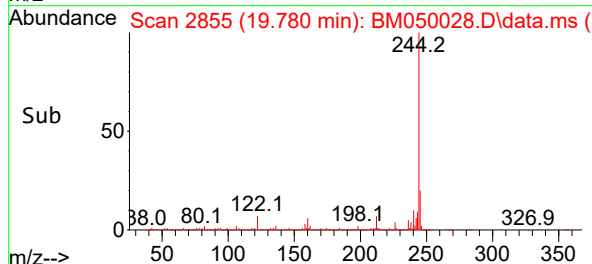
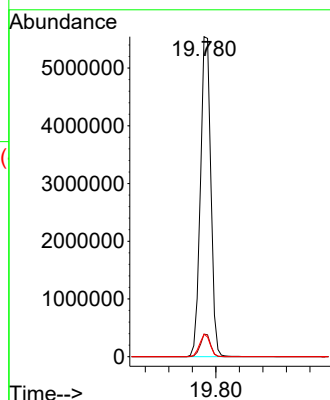
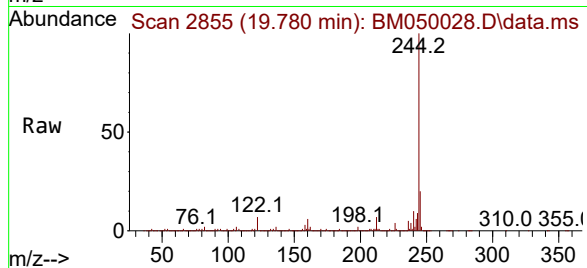




#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

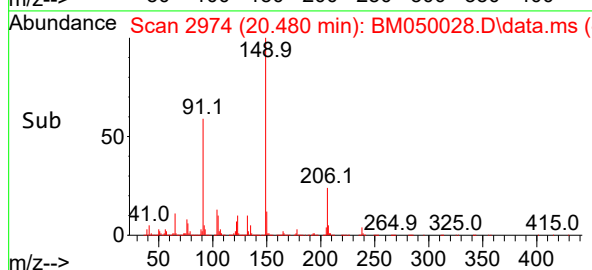
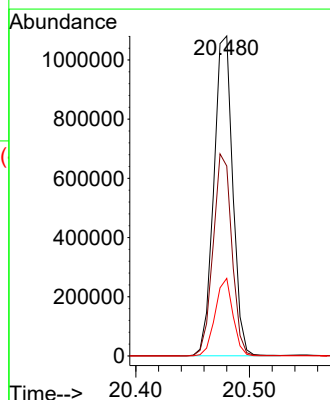
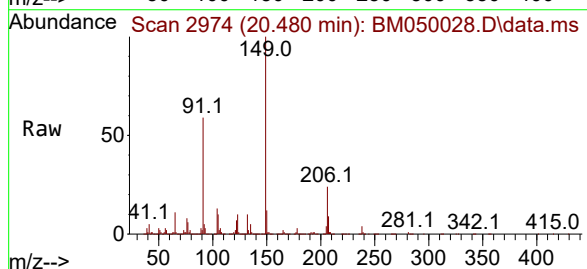
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

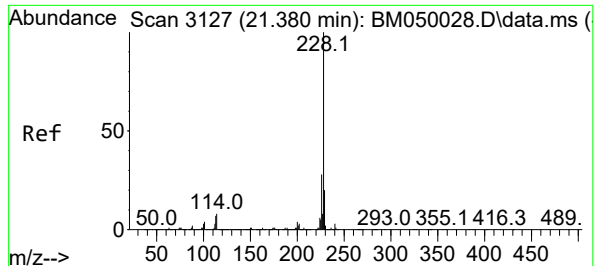
Tgt Ion:244 Resp: 6797031
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950
Ion Ratio Lower Upper
149 100
91 59.3 47.4 71.2
206 24.2 19.4 29.0

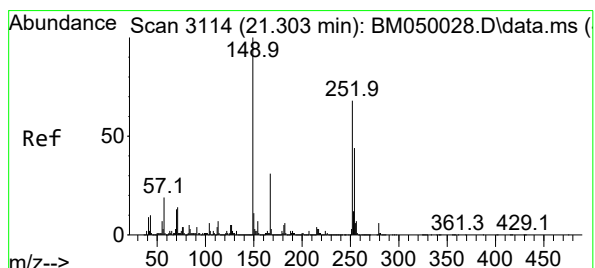
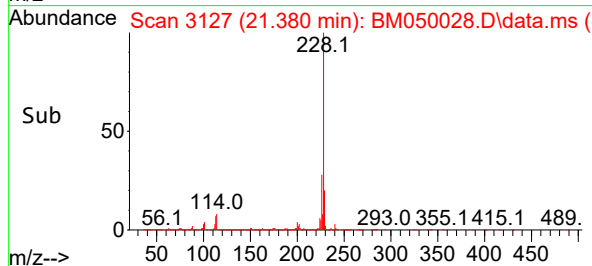
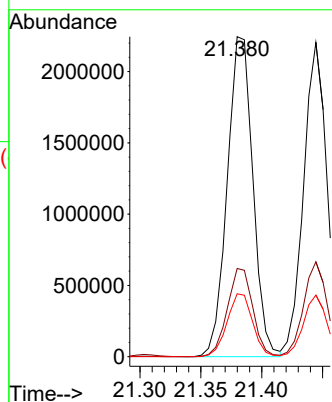
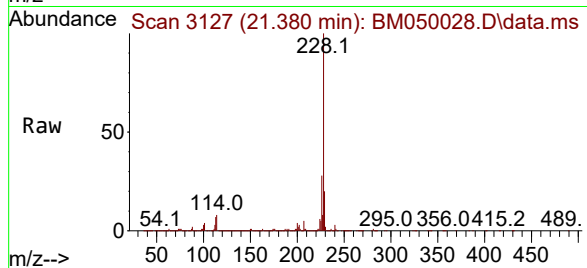




#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

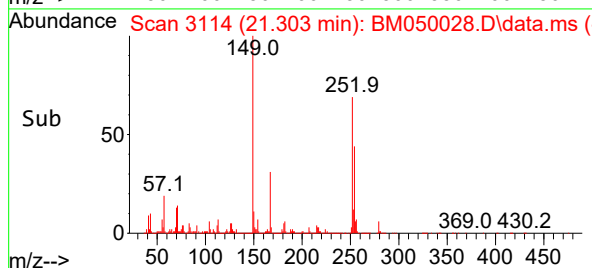
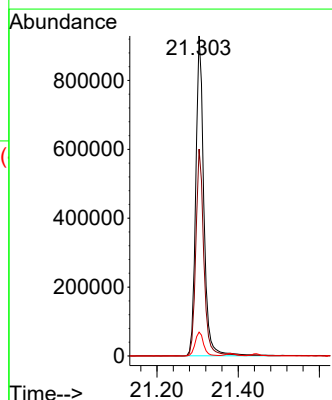
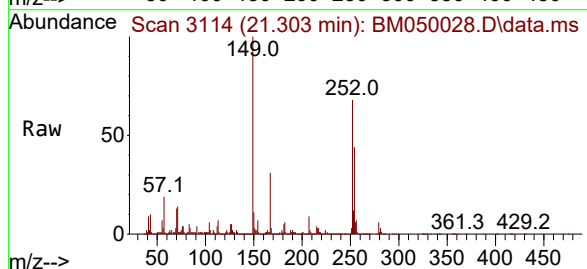
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

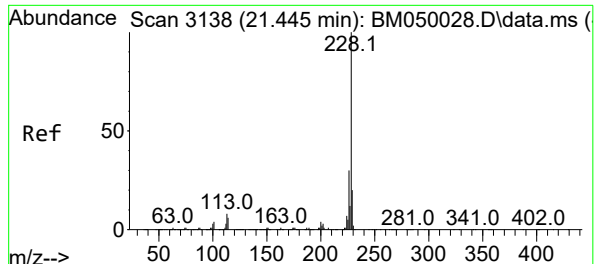
Tgt Ion:228 Resp: 3295625
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 7.5 6.0 9.0

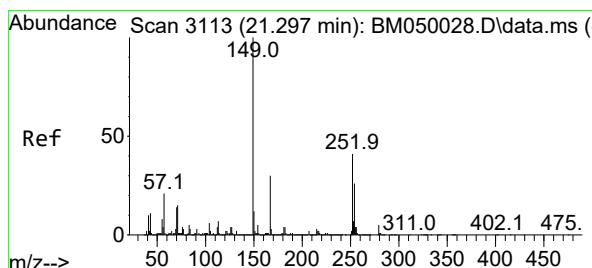
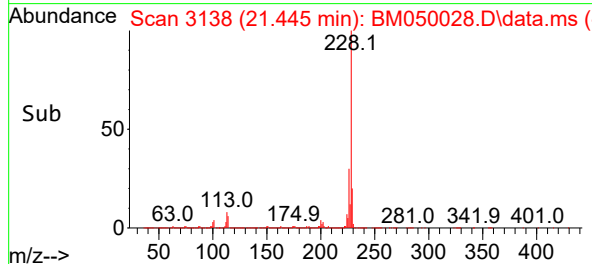
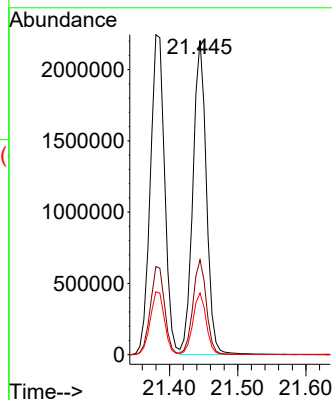
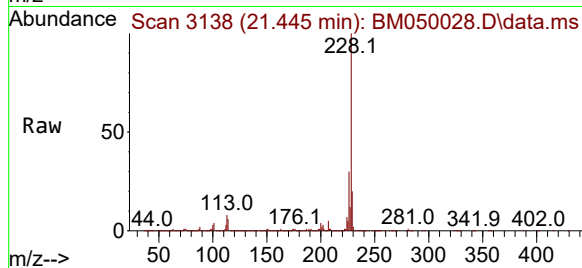




#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

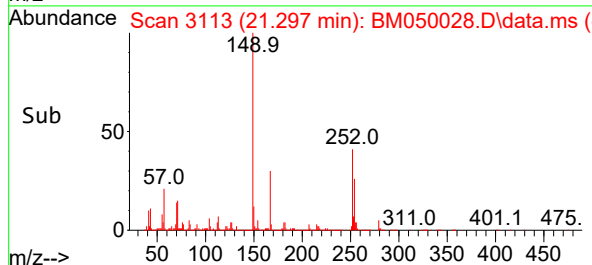
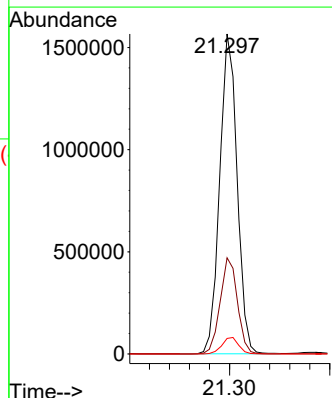
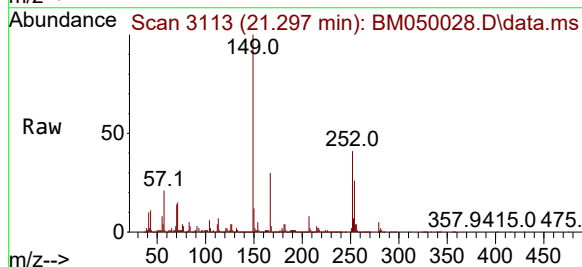
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

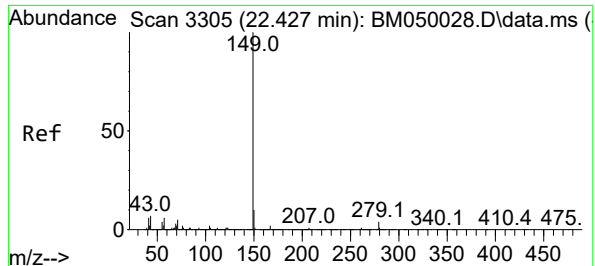
Tgt Ion:228 Resp: 2992790
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368
Ion Ratio Lower Upper
149 100
167 30.1 24.1 36.1
279 4.9 3.9 5.9

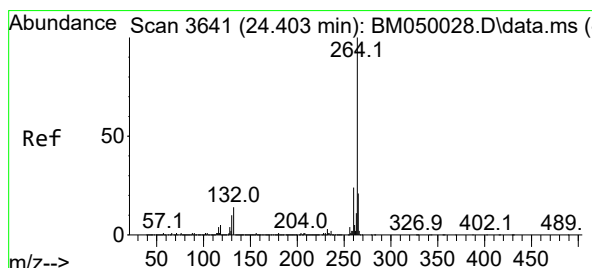
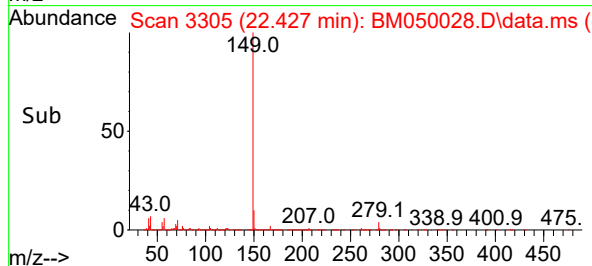
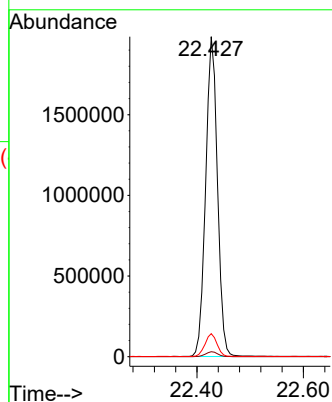
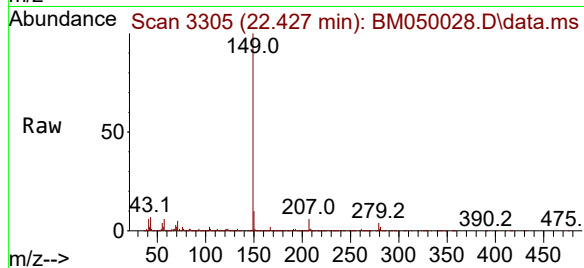




#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

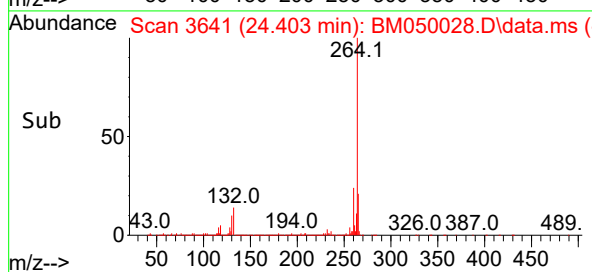
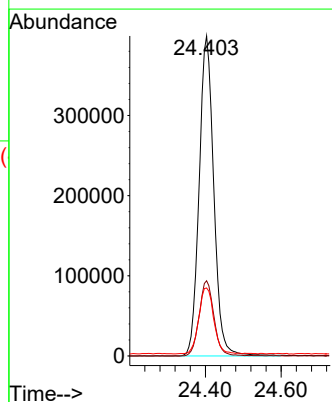
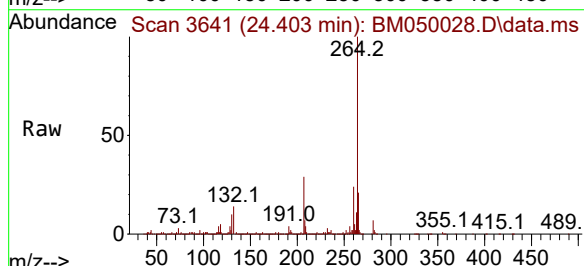
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

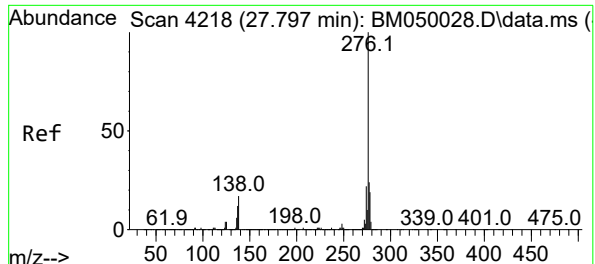
Tgt Ion:149 Resp: 3044578
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.2 17.0 25.4

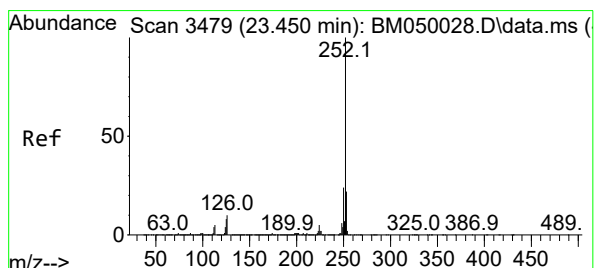
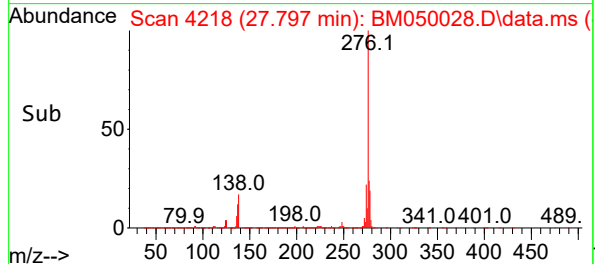
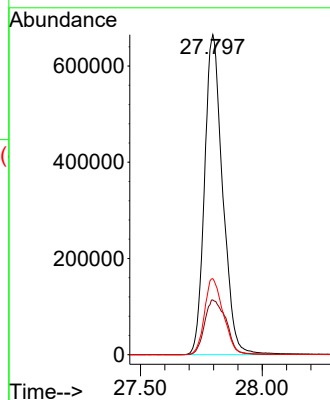
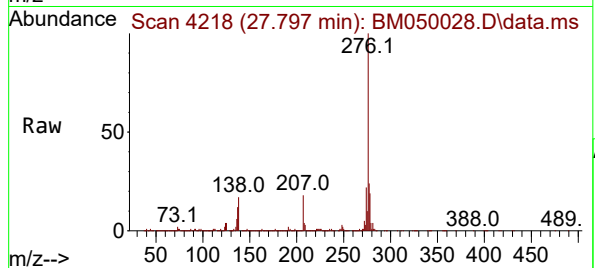




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

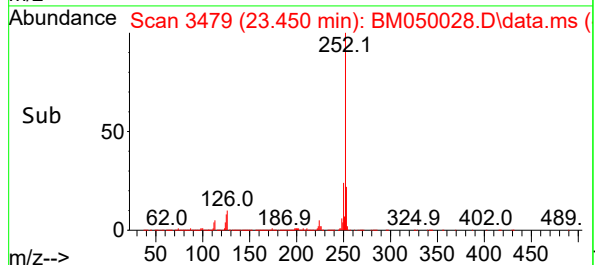
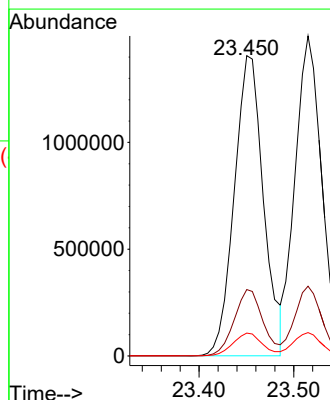
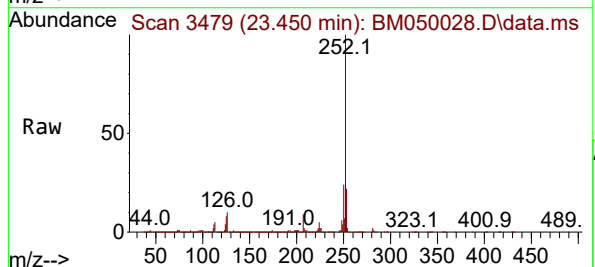
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

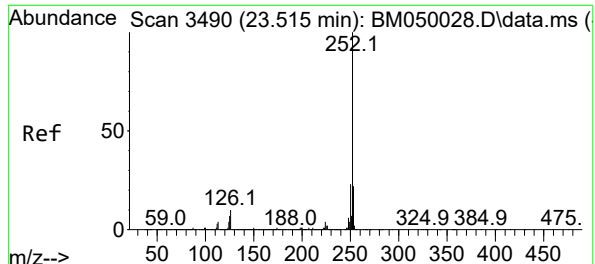
Tgt Ion:276 Resp: 3435665
Ion Ratio Lower Upper
276 100
138 20.5 16.4 24.6
277 24.8 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 42.155 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

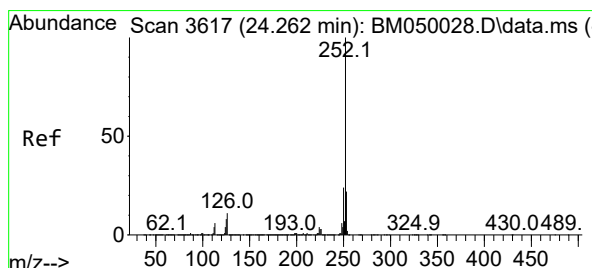
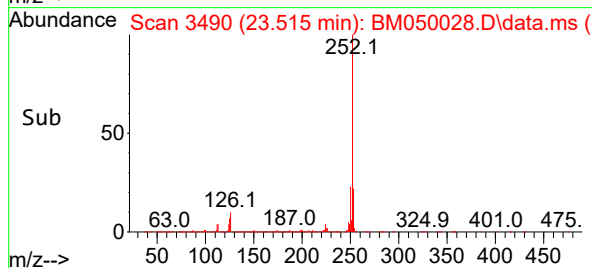
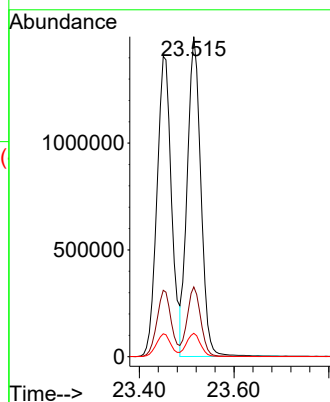
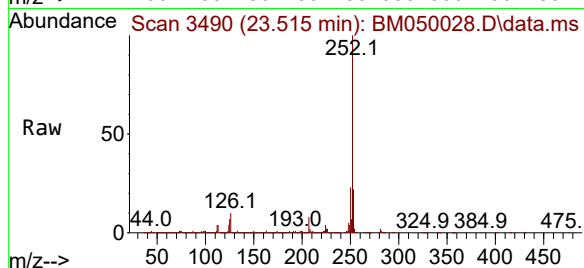
Tgt Ion:252 Resp: 2974903

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.3 5.8 8.8



#90

Benzo(a)pyrene

Concen: 42.519 ng

RT: 24.262 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

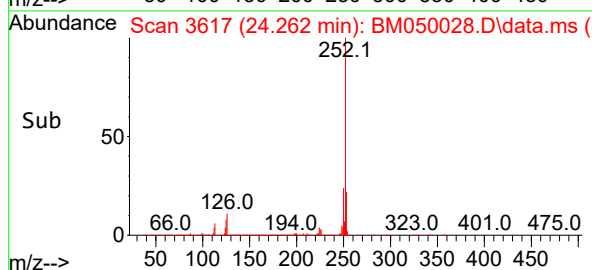
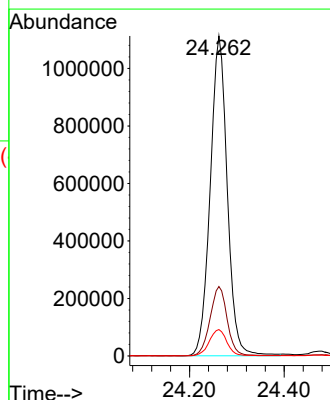
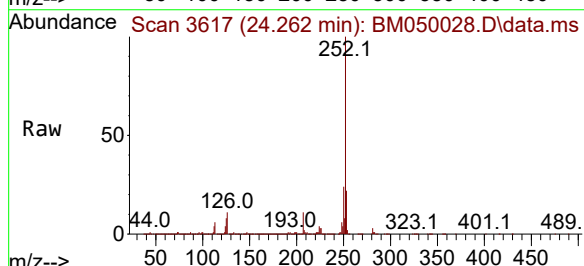
Tgt Ion:252 Resp: 2777683

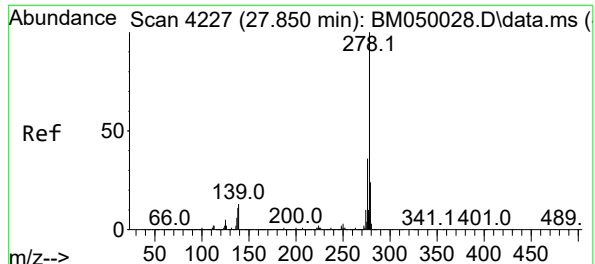
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.2 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 42.796 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

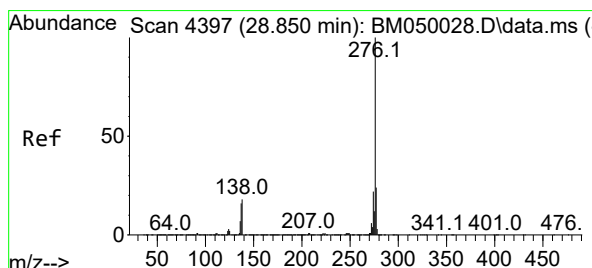
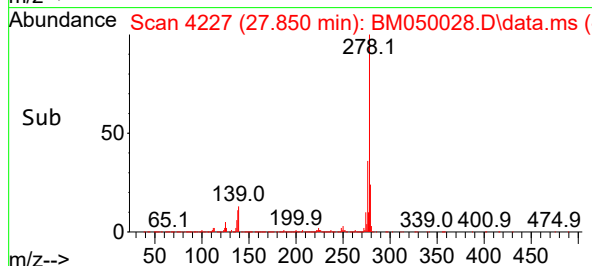
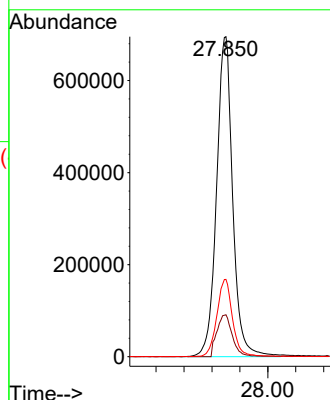
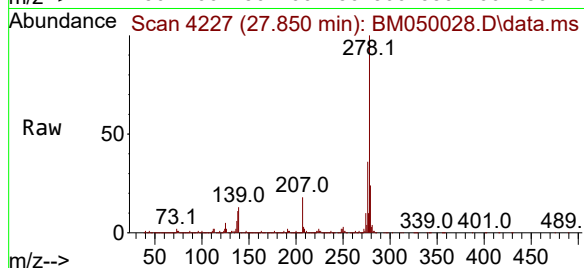
Tgt Ion:278 Resp: 2787948

Ion Ratio Lower Upper

278 100

139 13.1 10.5 15.7

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 42.508 ng

RT: 28.850 min Scan# 4397

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

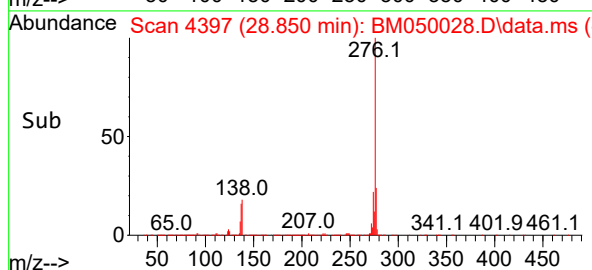
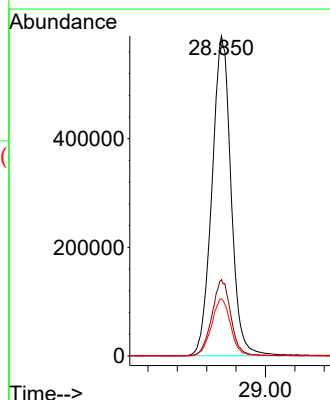
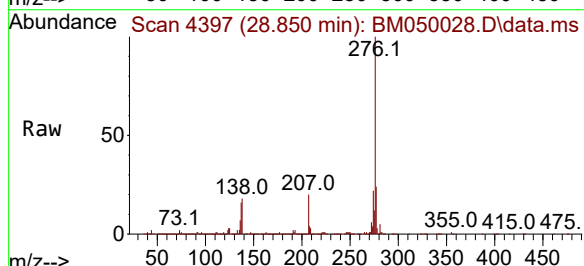
Tgt Ion:276 Resp: 2651145

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

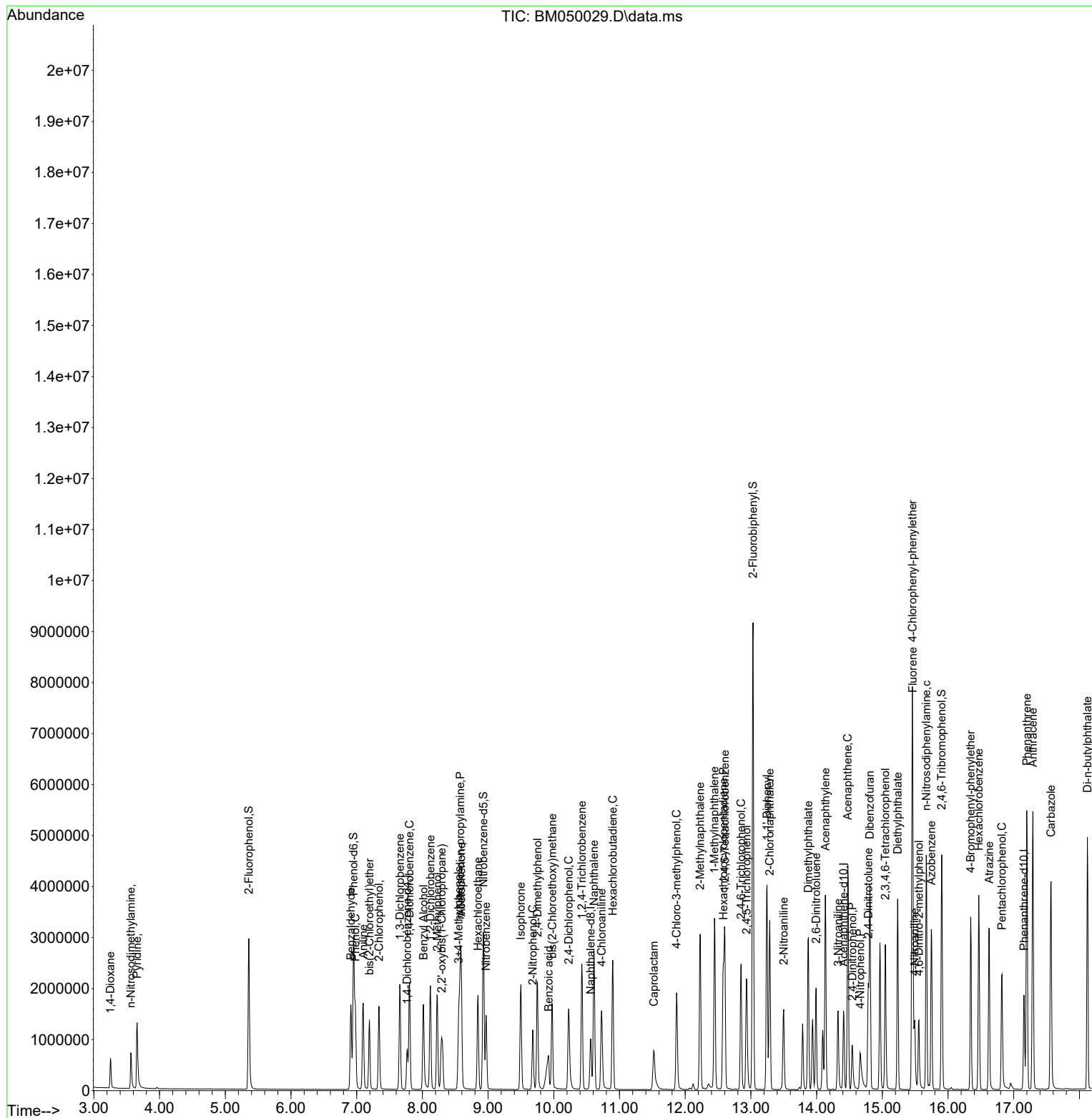
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

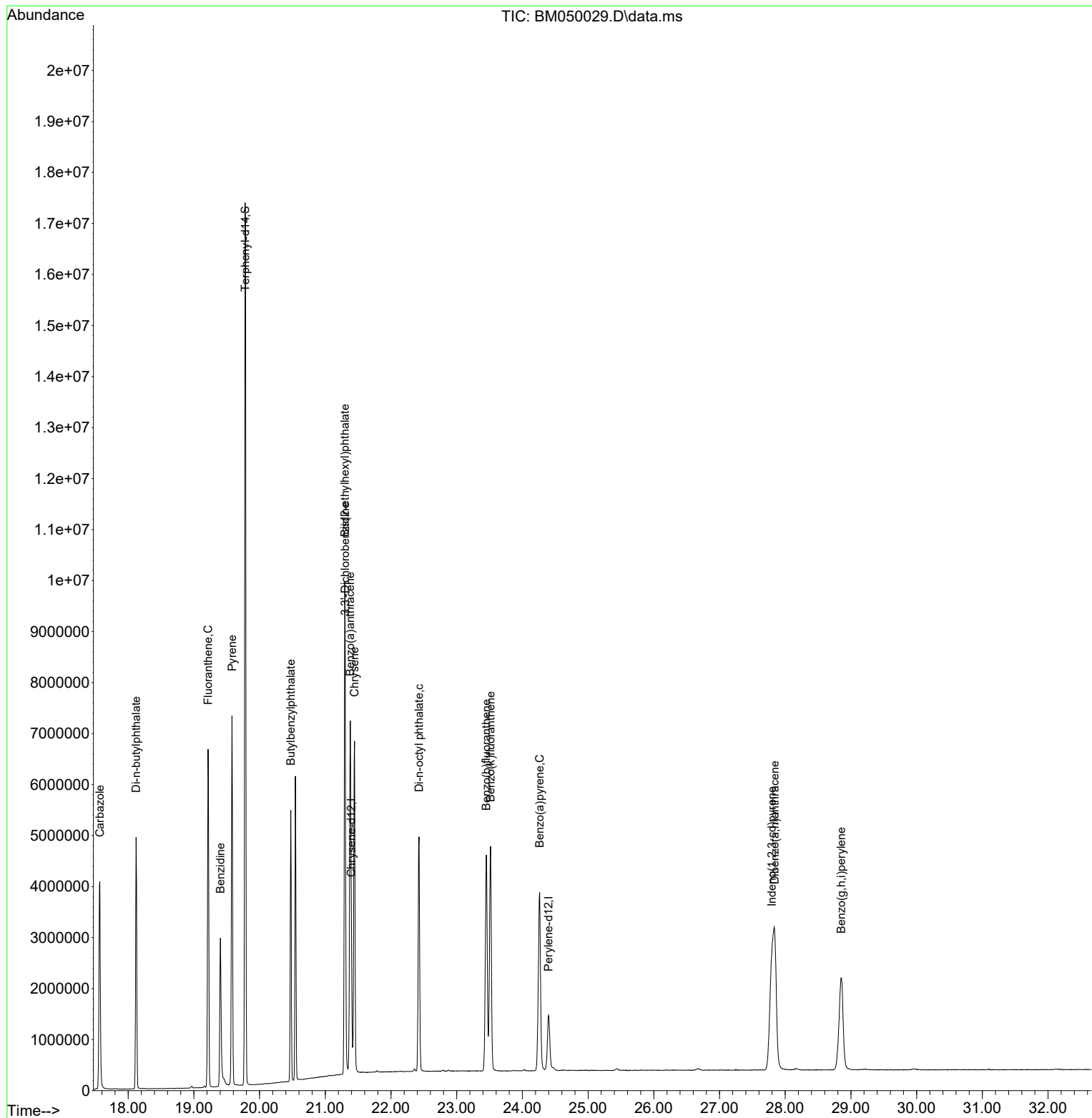
Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

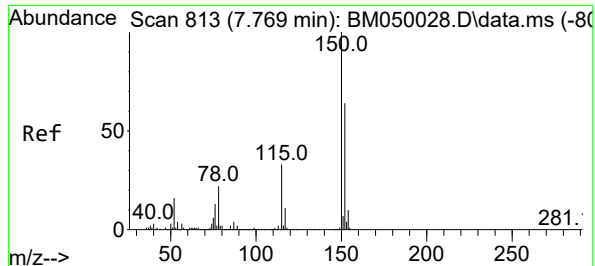


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

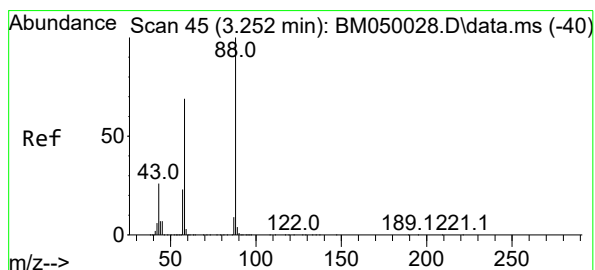
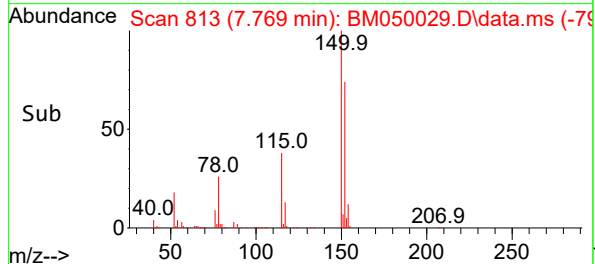
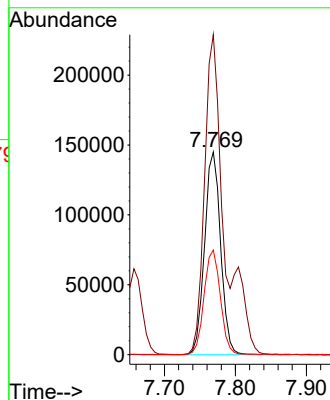
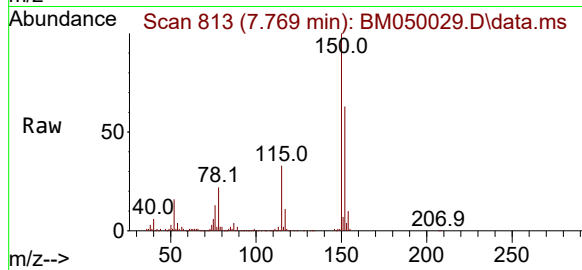




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

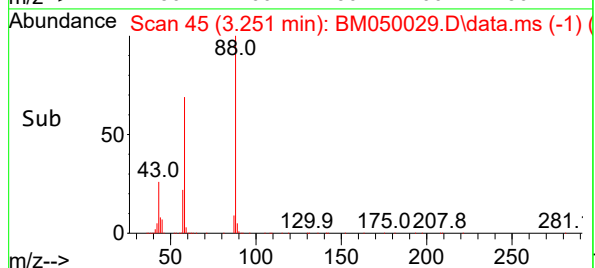
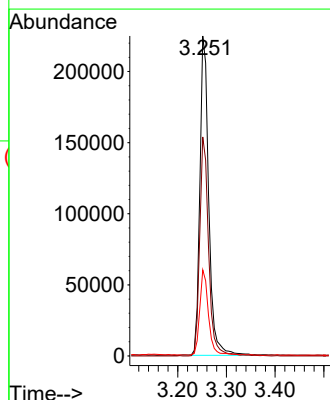
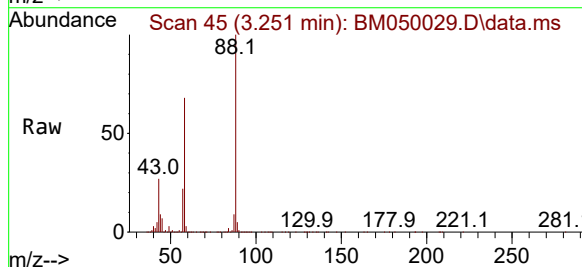
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

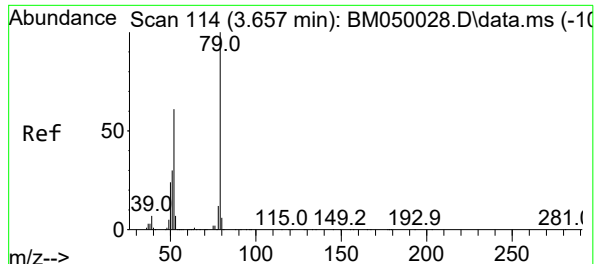
Tgt Ion:152 Resp: 228207
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 51.6 41.2 61.8



#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618
Ion Ratio Lower Upper
88 100
58 68.7 55.1 82.7
43 26.0 20.9 31.3

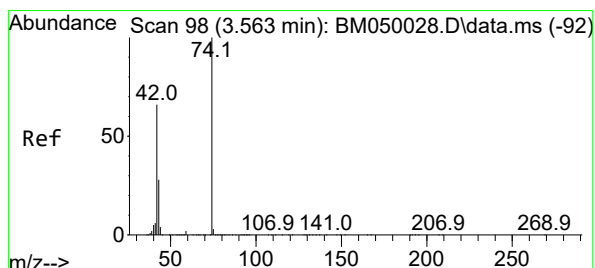
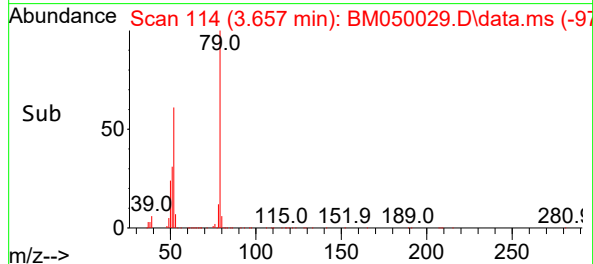
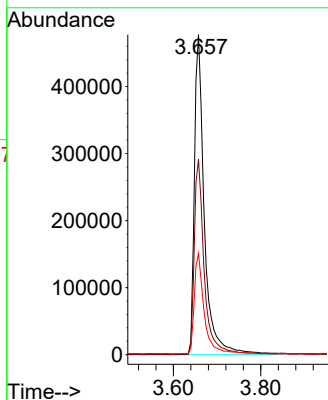
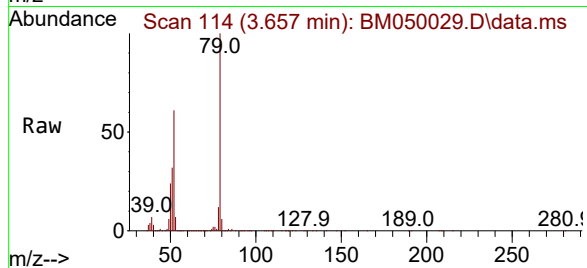




#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

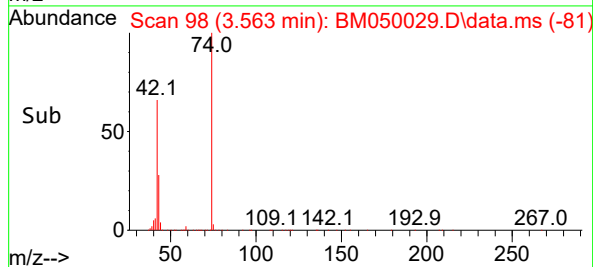
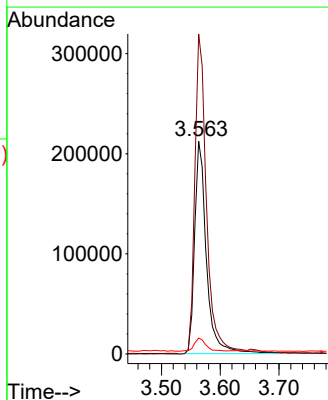
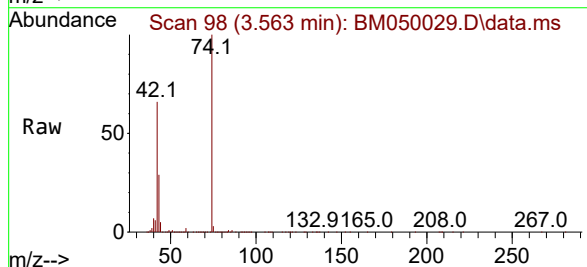
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

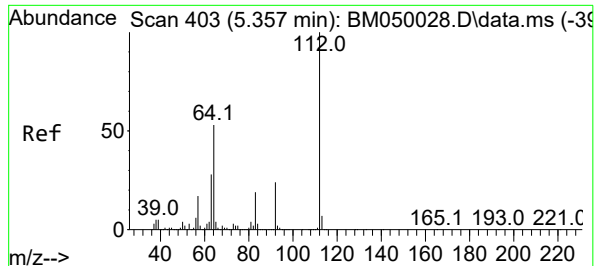
Tgt Ion: 79 Resp: 757569
Ion Ratio Lower Upper
79 100
52 61.0 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491
Ion Ratio Lower Upper
42 100
74 150.4 120.2 180.2
44 7.4 6.2 9.2

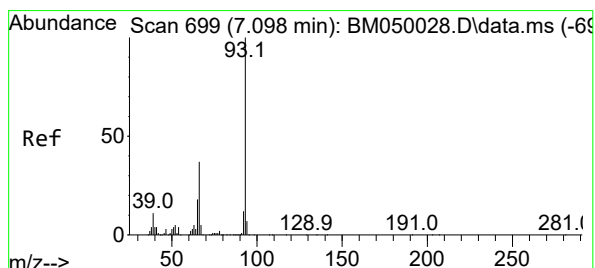
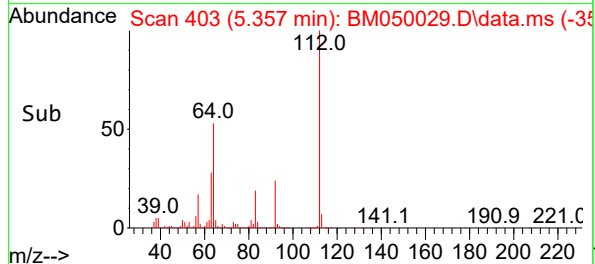
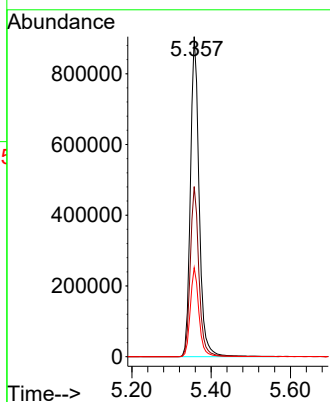
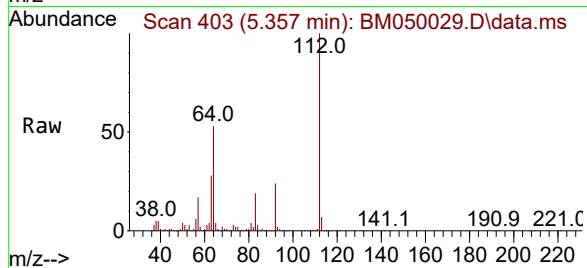




#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

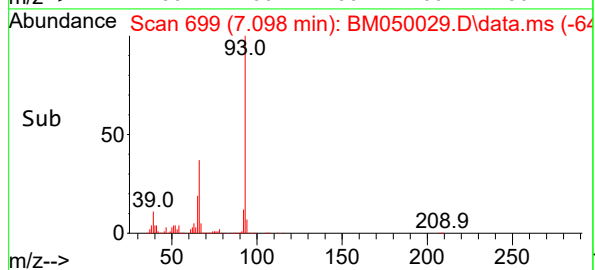
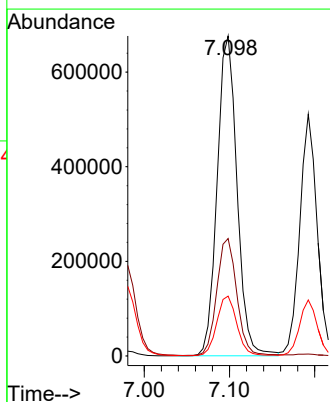
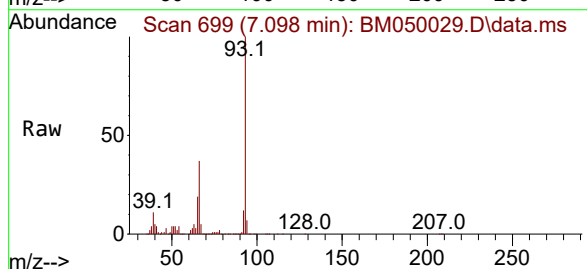
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

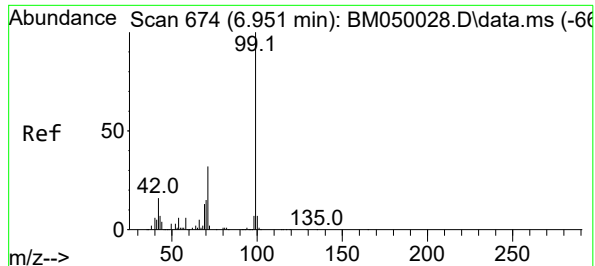
Tgt Ion:112 Resp: 1382138
Ion Ratio Lower Upper
112 100
64 53.2 42.6 64.0
63 27.8 22.2 33.4



#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746
Ion Ratio Lower Upper
93 100
66 36.7 29.9 44.9
65 18.7 14.5 21.7

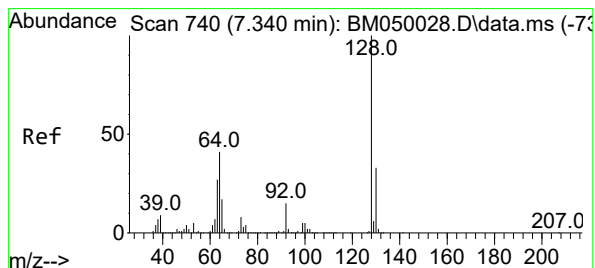
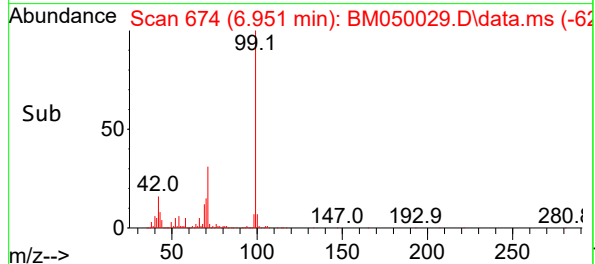
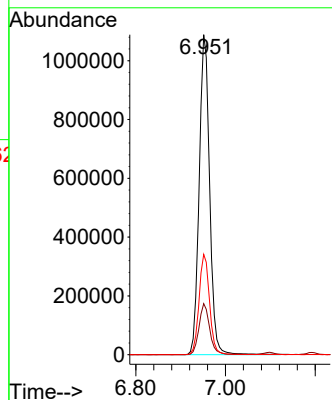
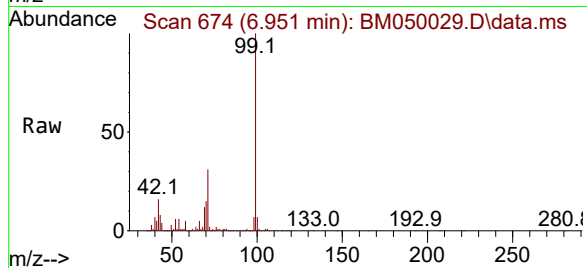




#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

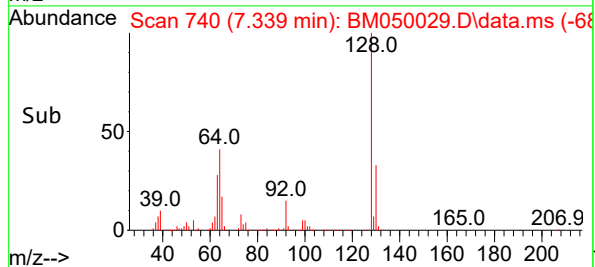
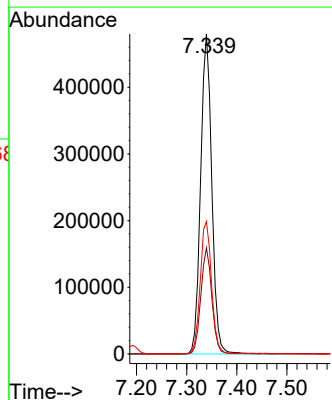
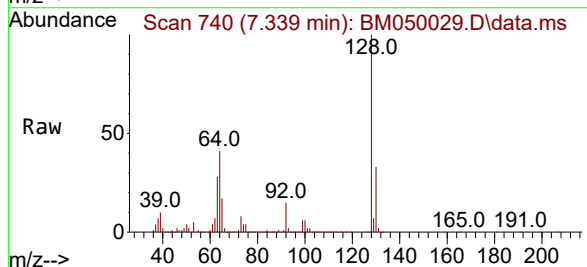
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

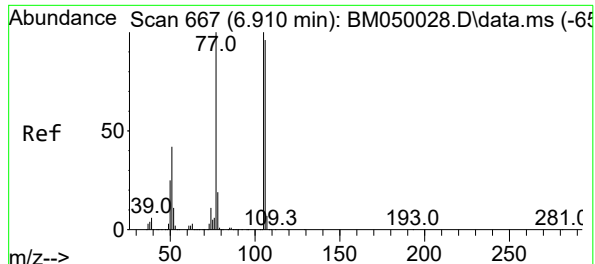
Tgt Ion: 99 Resp: 1754123
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 31.3 25.6 38.4



#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 128 Resp: 742074
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 41.4 21.2 61.2

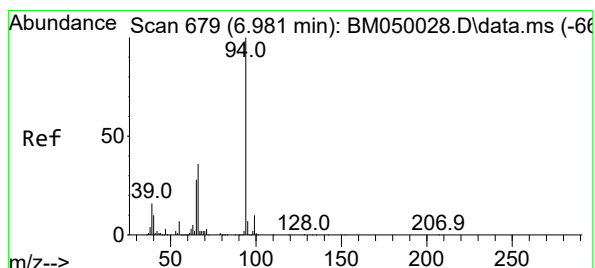
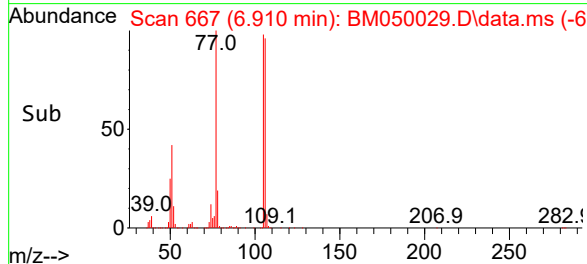
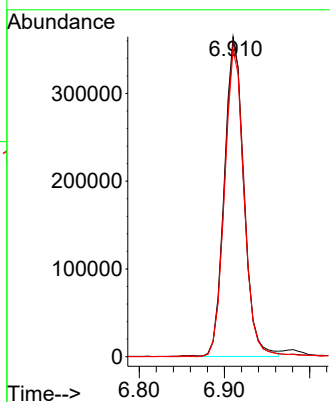
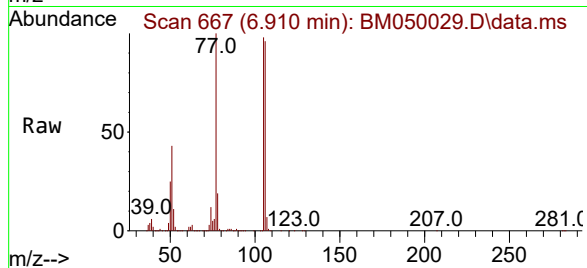




#9
Benzaldehyde
Concen: 52.770 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

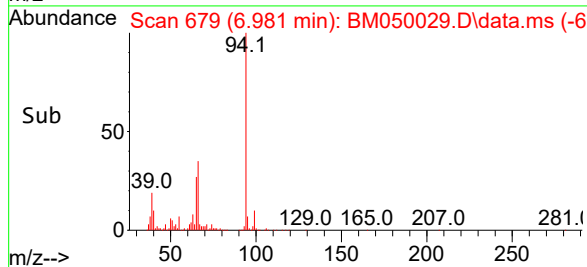
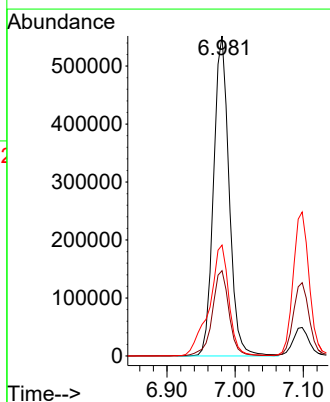
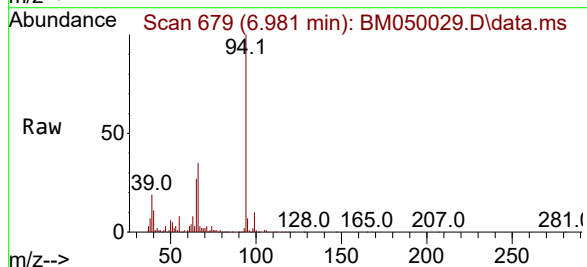
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

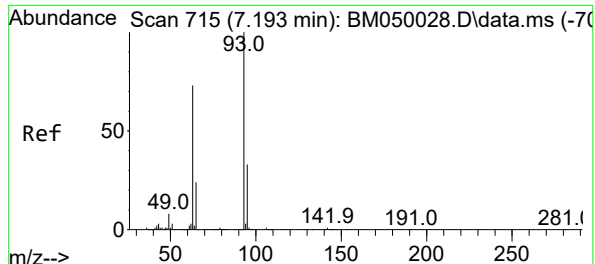
Tgt Ion: 77 Resp: 577740
Ion Ratio Lower Upper
77 100
105 98.2 80.5 120.5
106 95.9 76.1 116.1



#10
Phenol
Concen: 52.897 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 34.7 15.8 55.8

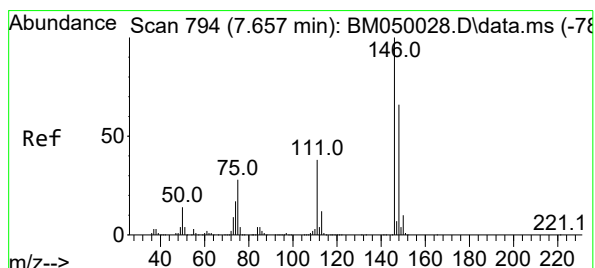
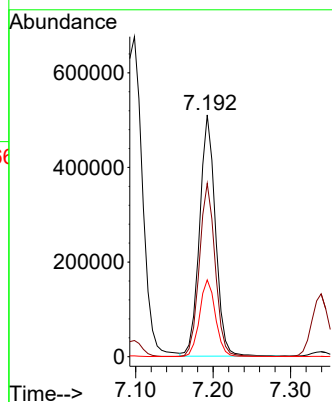
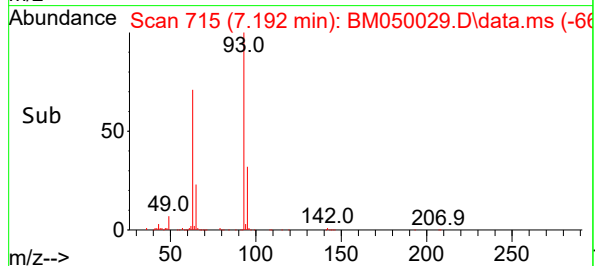
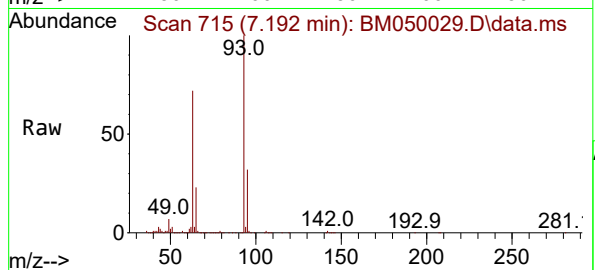




#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

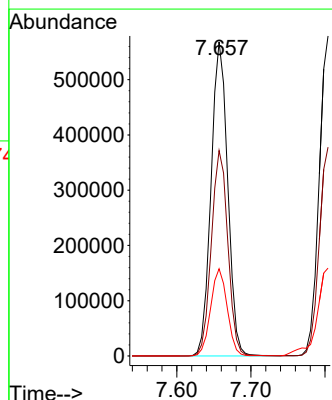
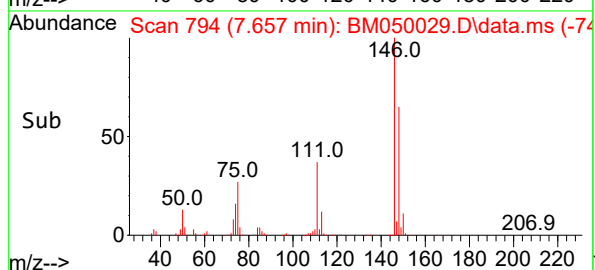
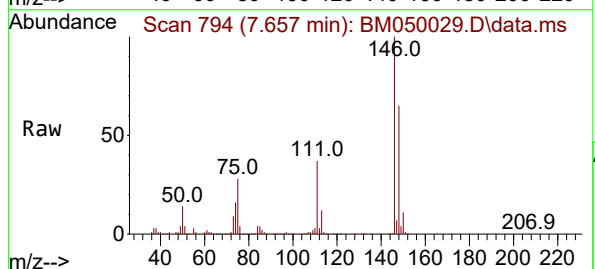
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

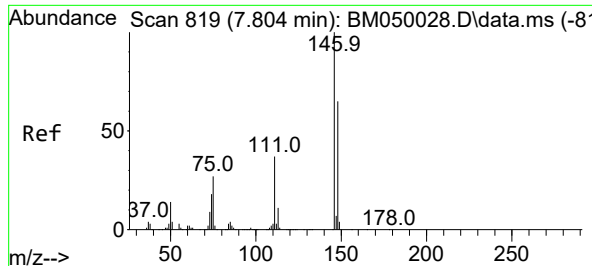
Tgt Ion: 93 Resp: 725268
Ion Ratio Lower Upper
93 100
63 71.7 52.3 92.3
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 146 Resp: 885183
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 51.937 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

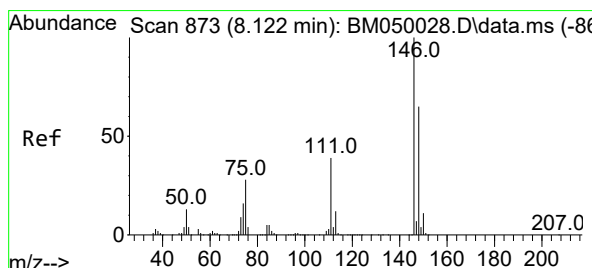
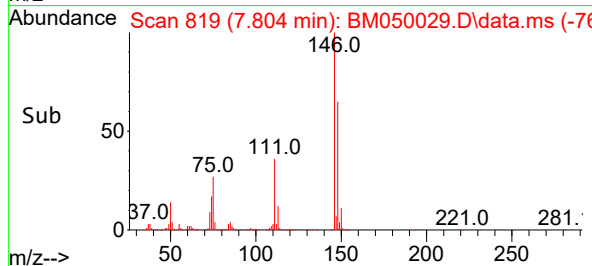
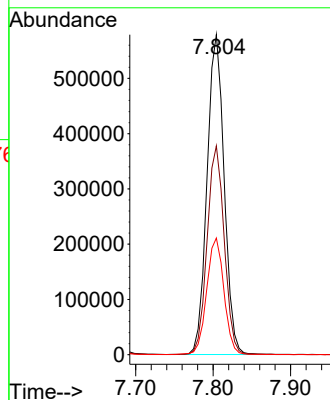
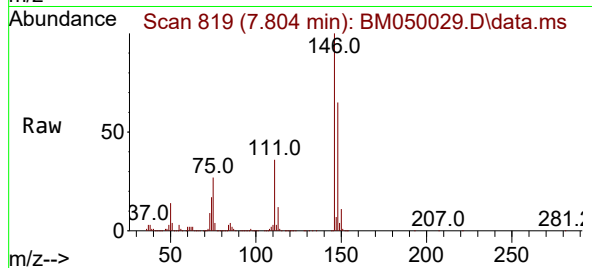
Tgt Ion:146 Resp: 888114

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 36.5 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 52.033 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

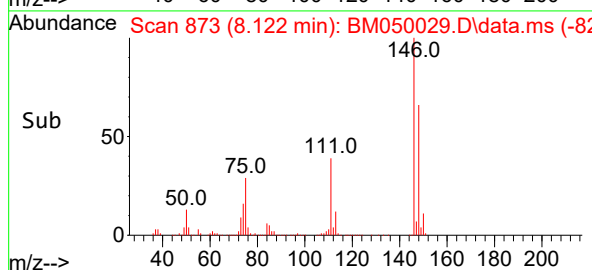
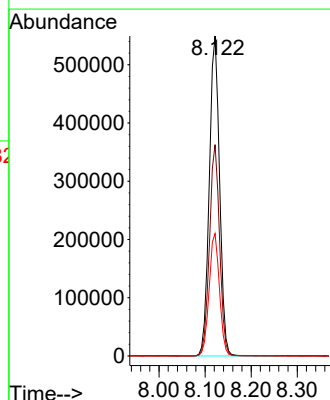
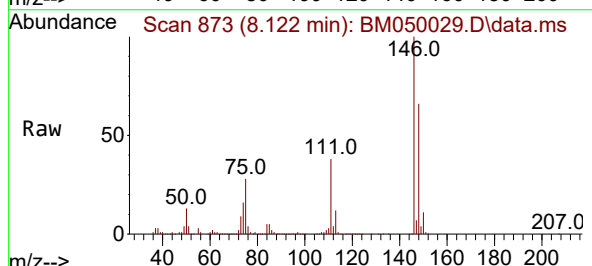
Tgt Ion:146 Resp: 859475

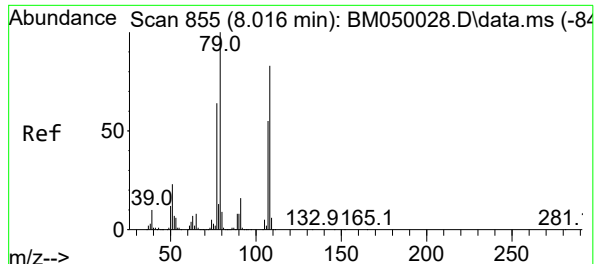
Ion Ratio Lower Upper

146 100

148 66.1 52.4 78.6

111 38.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 53.947 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

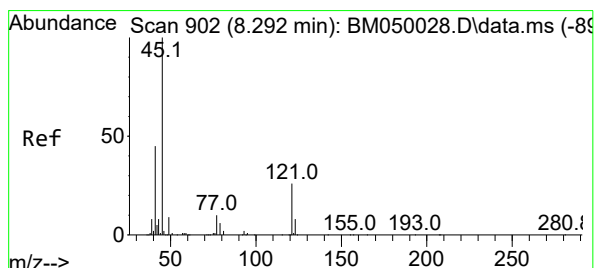
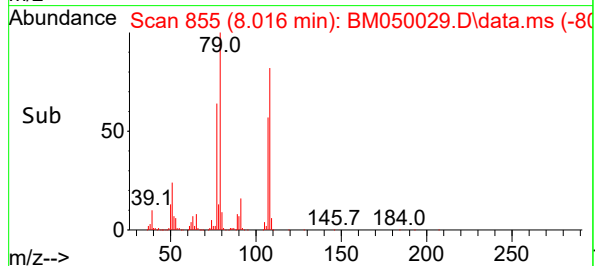
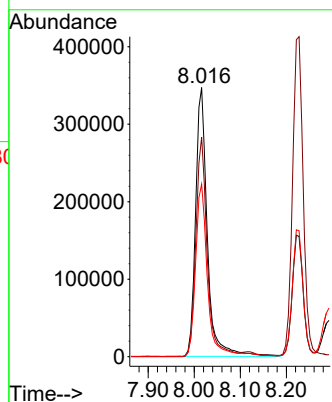
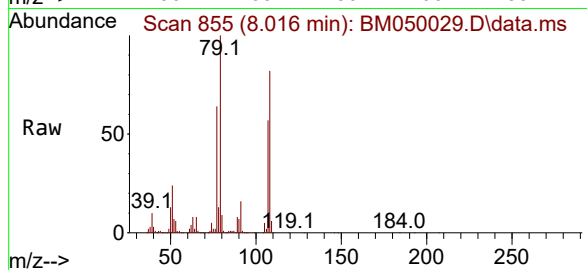
Tgt Ion: 79 Resp: 612811

Ion Ratio Lower Upper

79 100

108 81.6 66.0 99.0

77 64.1 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.300 ng

RT: 8.292 min Scan# 902

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

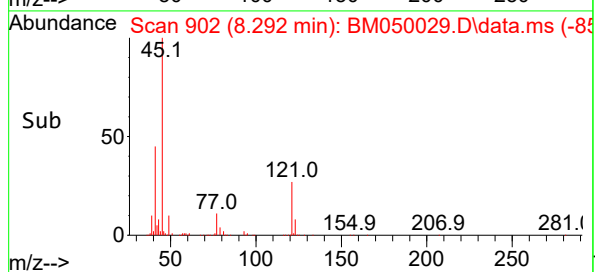
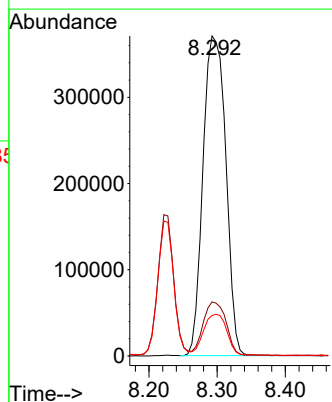
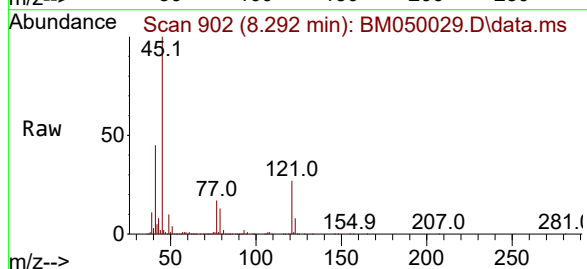
Tgt Ion: 45 Resp: 863443

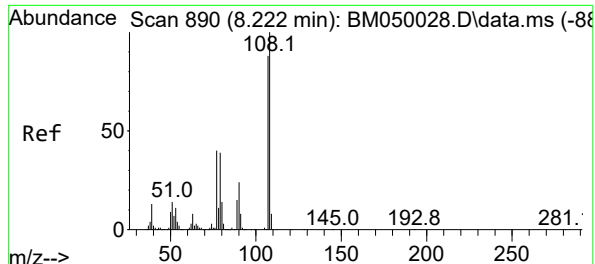
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.4

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 53.563 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050029.D

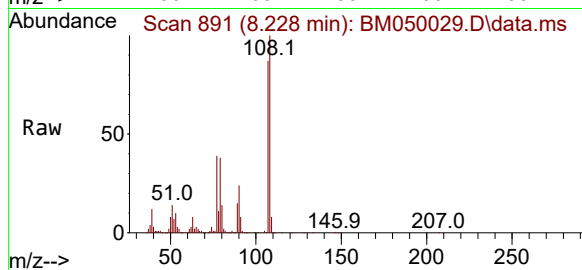
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

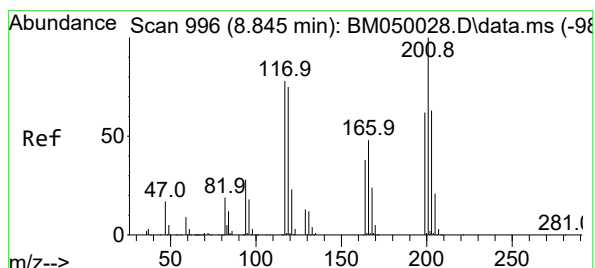
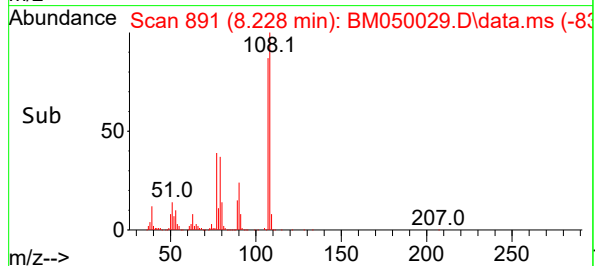
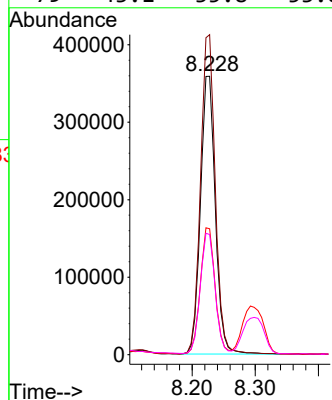
ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 585120

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.2	36.2	54.4
79	43.1	35.8	53.8



#18

Hexachloroethane

Concen: 51.444 ng

RT: 8.845 min Scan# 996

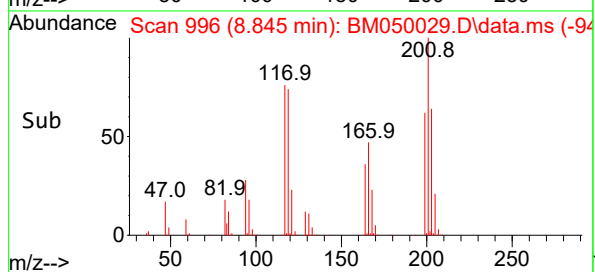
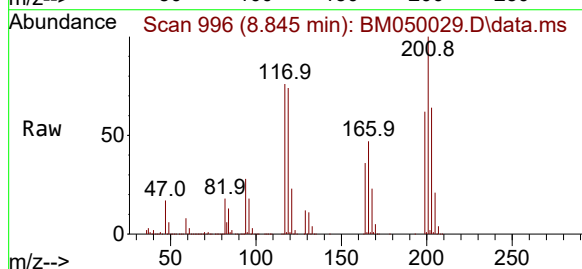
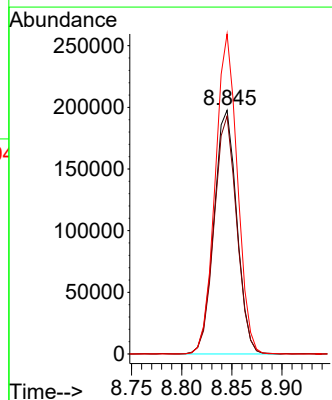
Delta R.T. -0.000 min

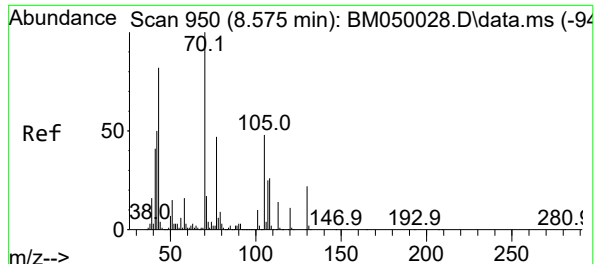
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:117 Resp: 312710

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	131.4	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 53.672 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 563847

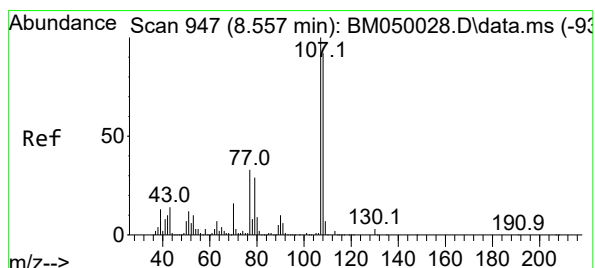
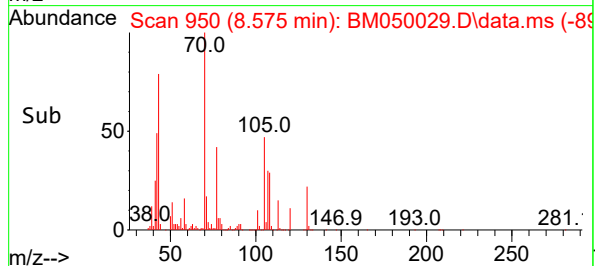
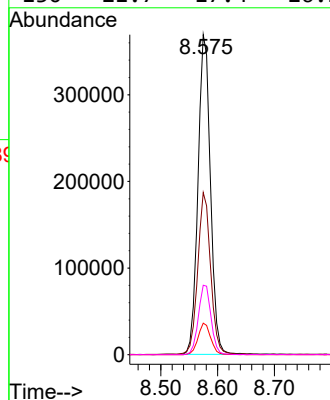
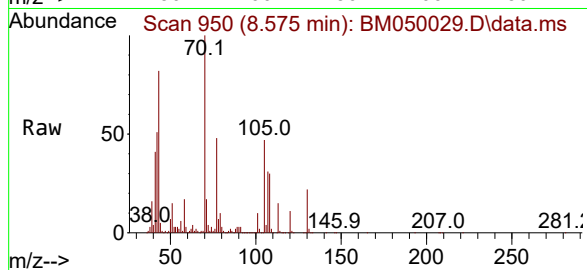
Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 9.8 7.8 11.6

130 21.7 17.4 26.2



#20

3+4-Methylphenols

Concen: 53.851 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 107 Resp: 794422

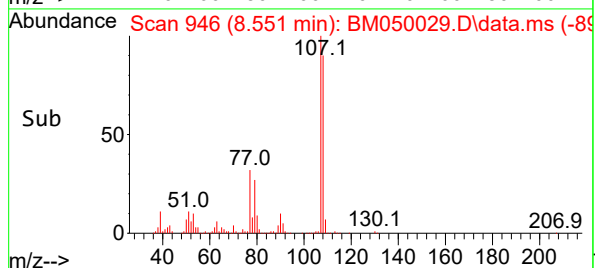
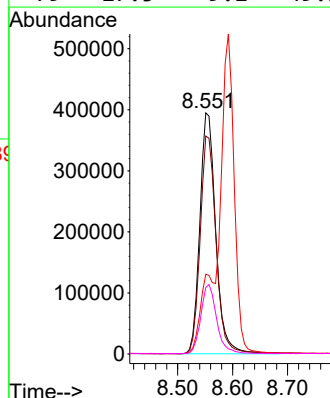
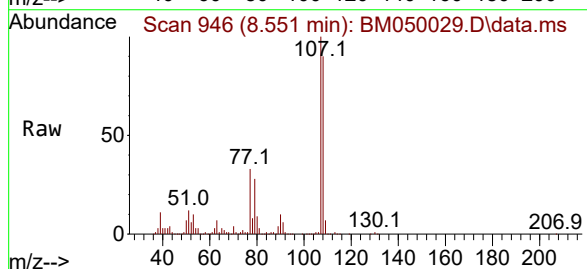
Ion Ratio Lower Upper

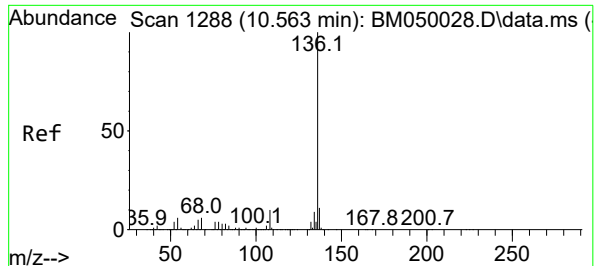
107 100

108 90.4 72.4 112.4

77 33.0 13.6 53.6

79 27.5 9.2 49.2

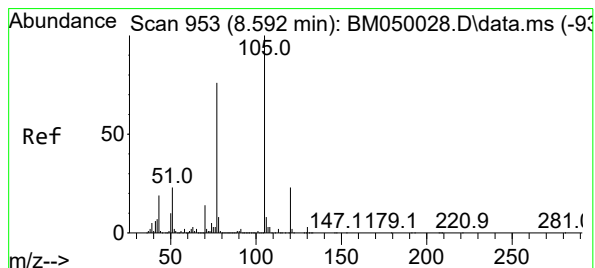
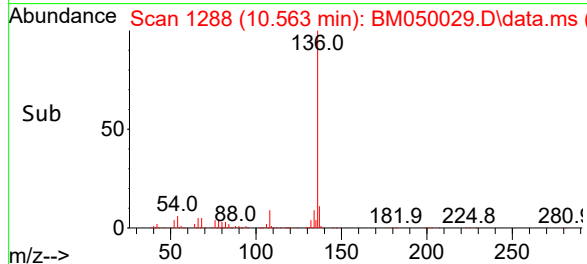
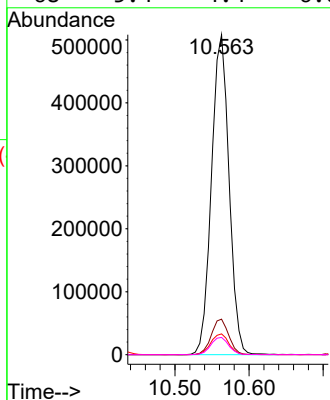
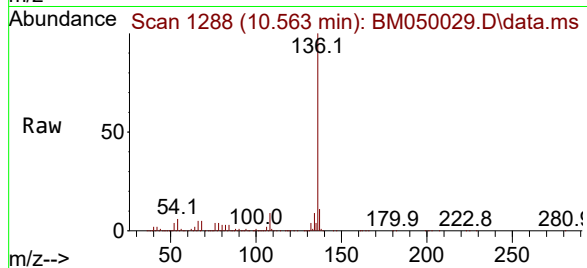




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

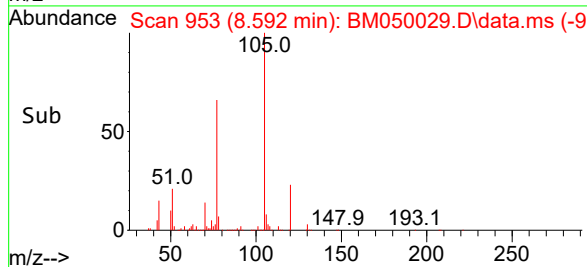
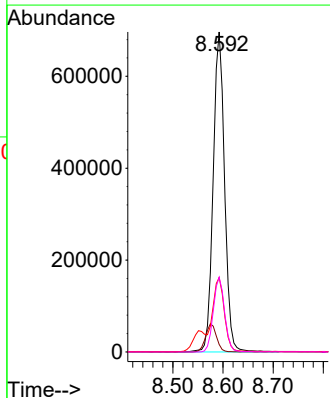
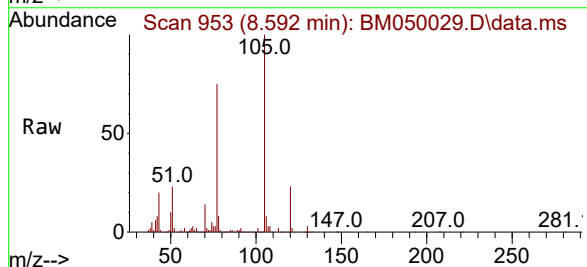
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

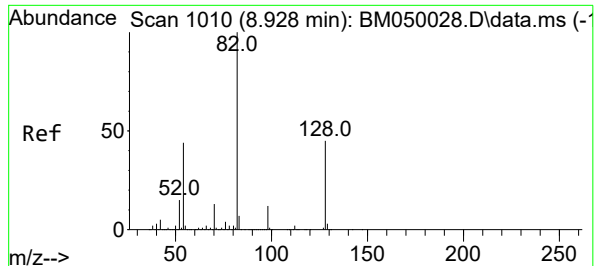
Tgt Ion:136 Resp: 837552
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 5.1 7.7
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 23.2 18.6 27.8
120 23.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 106.560 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

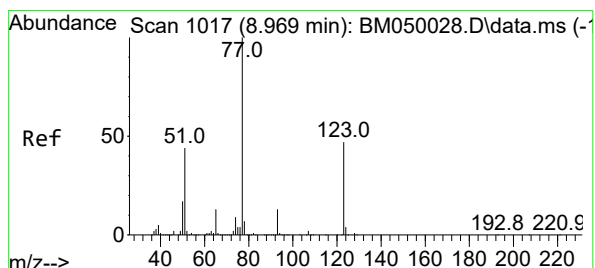
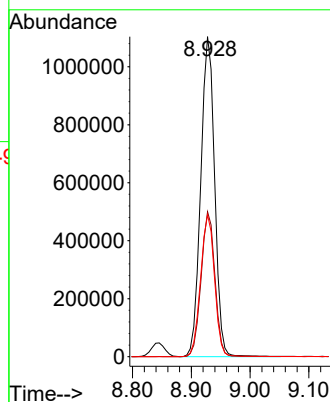
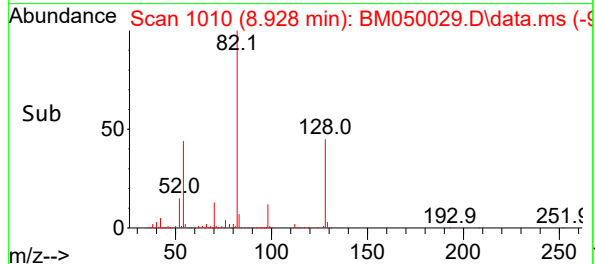
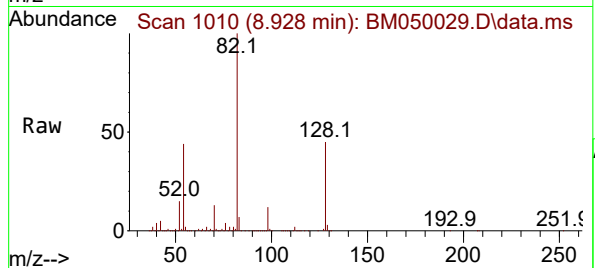
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1811208

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	44.3	35.4	53.2



#24

Nitrobenzene

Concen: 53.020 ng

RT: 8.969 min Scan# 1017

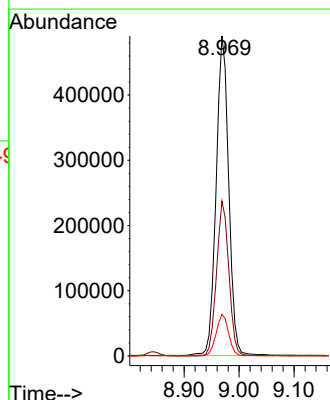
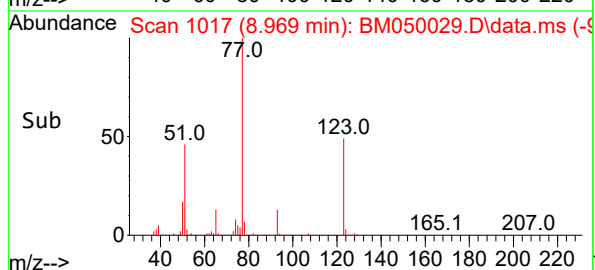
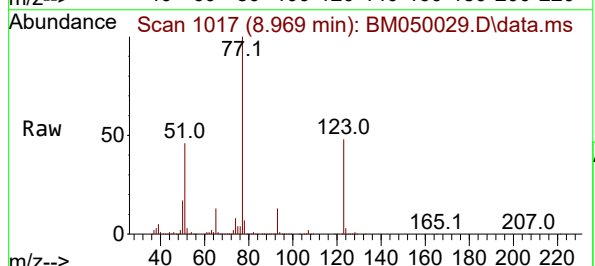
Delta R.T. -0.000 min

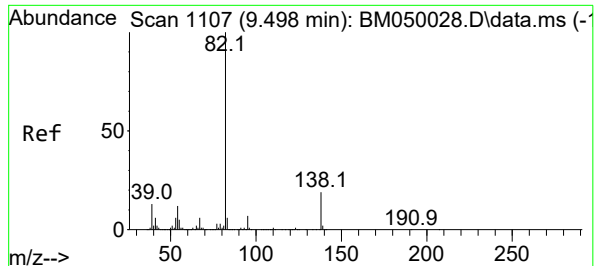
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.0	10.1	15.1

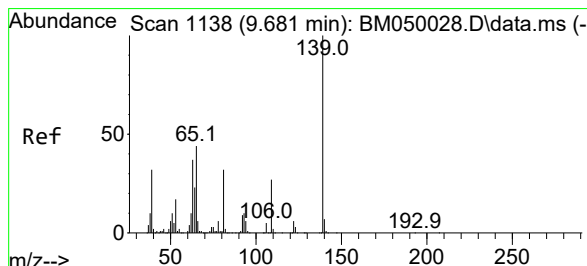
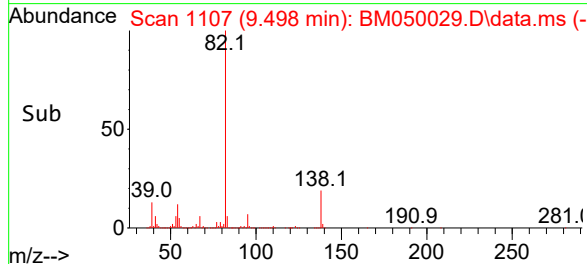
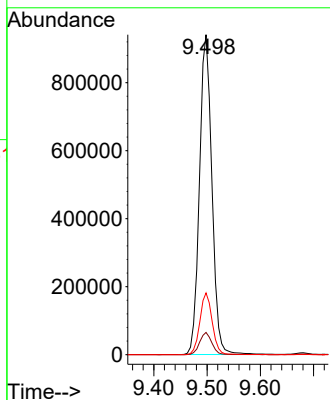
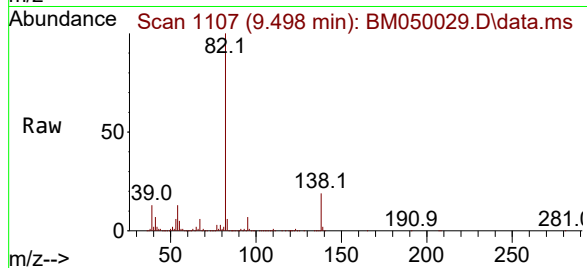




#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

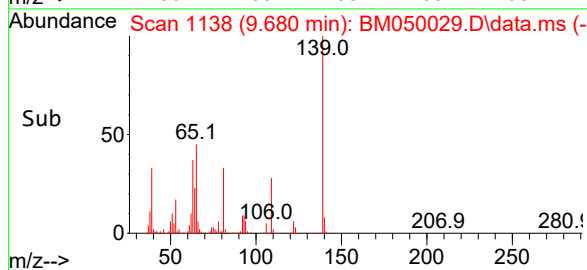
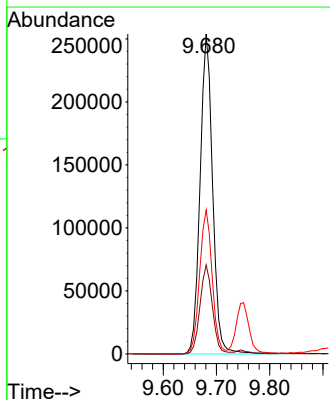
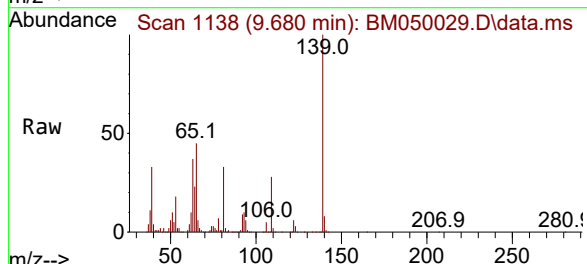
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

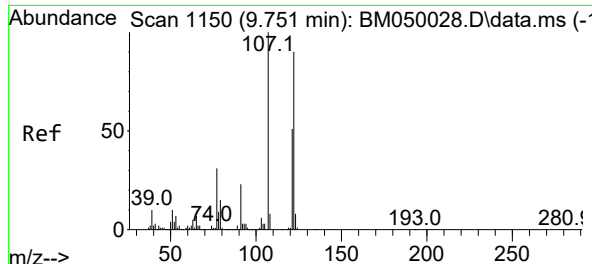
Tgt Ion: 82 Resp: 1526436
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 139 Resp: 415316
Ion Ratio Lower Upper
139 100
109 27.8 21.9 32.9
65 45.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 54.175 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

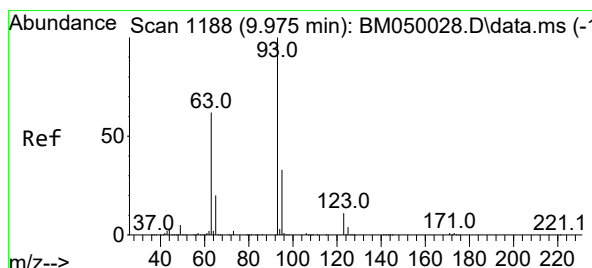
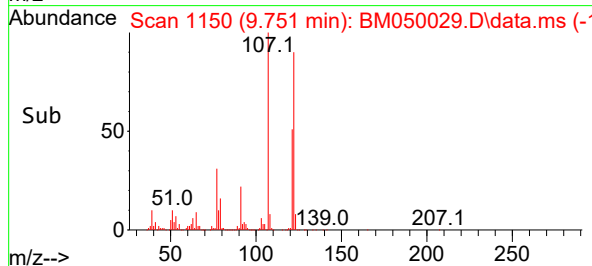
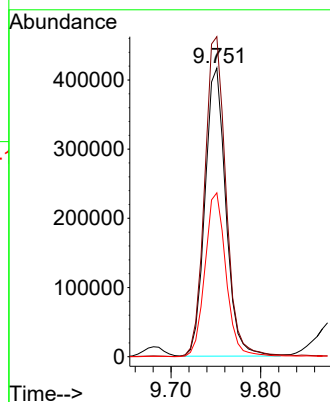
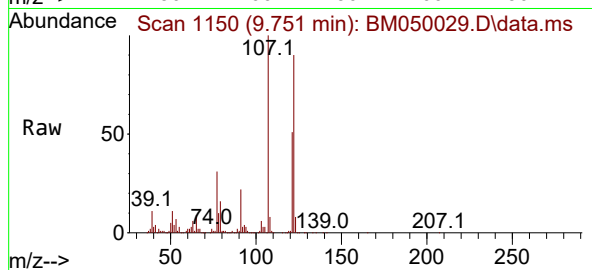
Tgt Ion:122 Resp: 674547

Ion Ratio Lower Upper

122 100

107 110.9 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 52.843 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

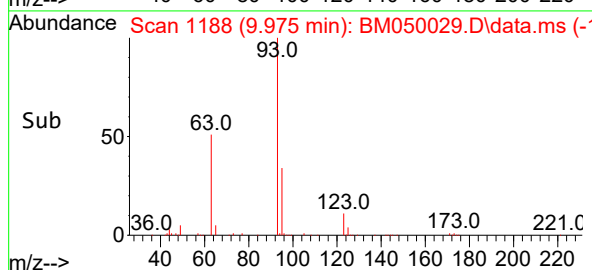
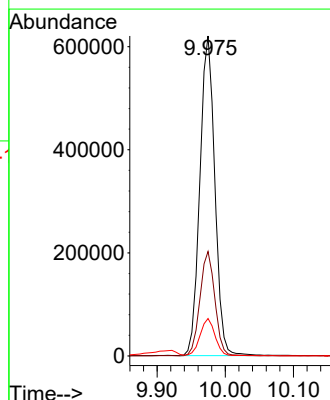
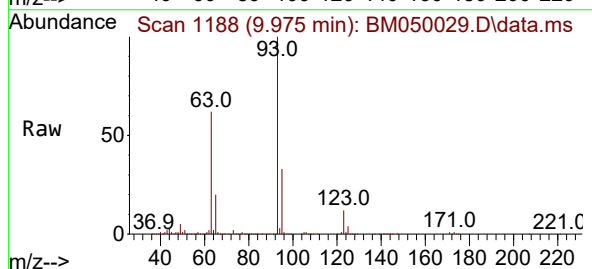
Tgt Ion: 93 Resp: 946285

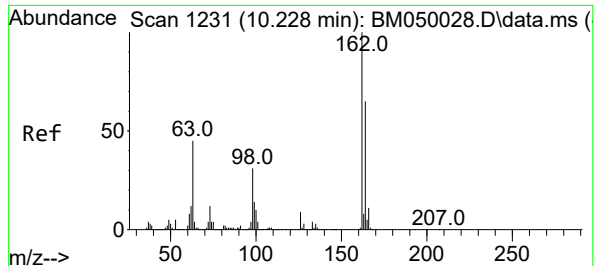
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.7 9.5 14.3

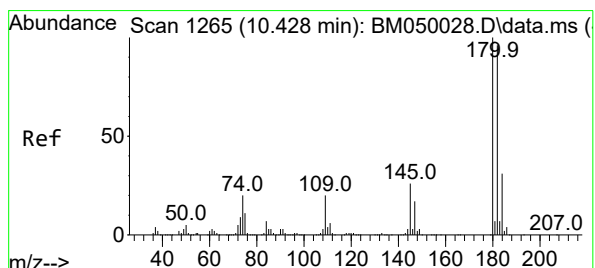
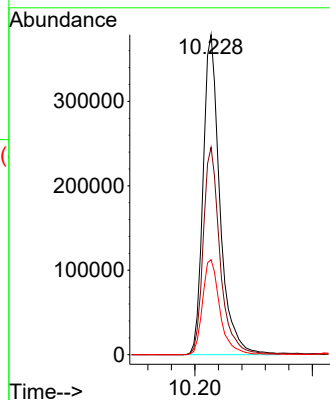
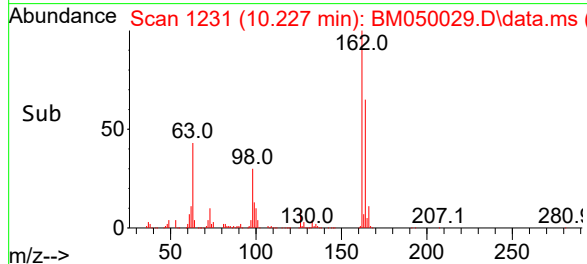
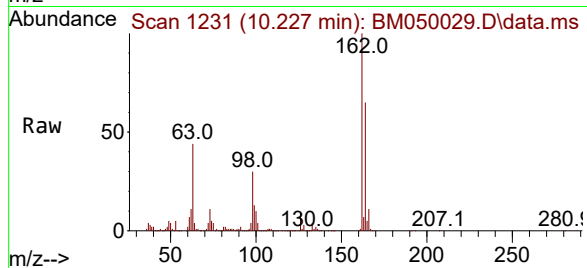




#29
2,4-Dichlorophenol
Concen: 53.847 ng
RT: 10.227 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

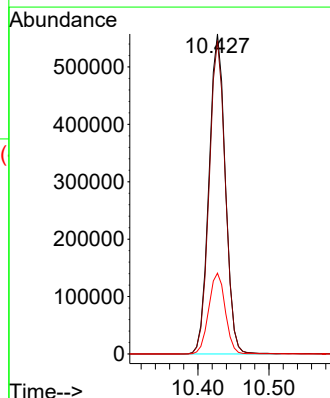
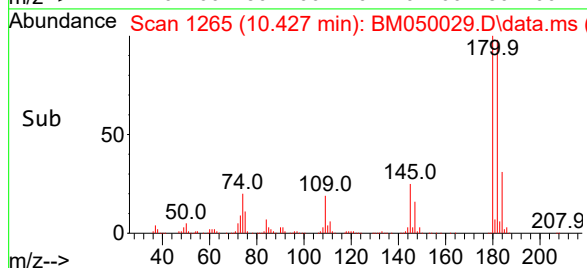
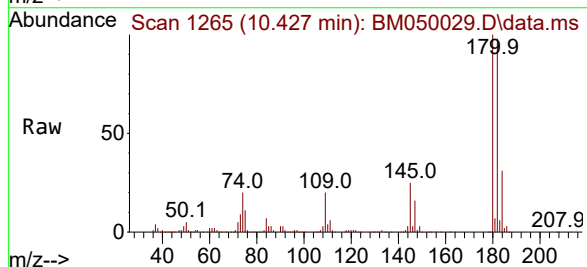
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

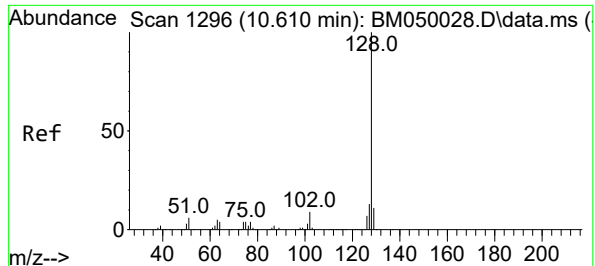
Tgt Ion:162 Resp: 751117
Ion Ratio Lower Upper
162 100
164 64.8 45.4 85.4
98 29.7 11.3 51.3



#30
1,2,4-Trichlorobenzene
Concen: 52.457 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:180 Resp: 891501
Ion Ratio Lower Upper
180 100
182 97.9 77.0 115.4
145 25.3 20.6 30.8

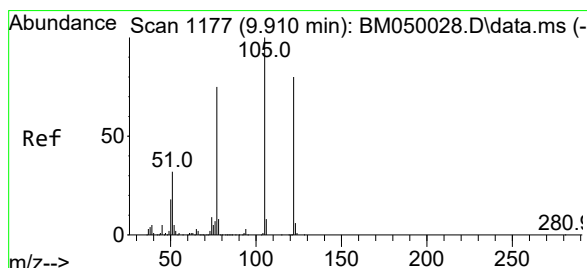
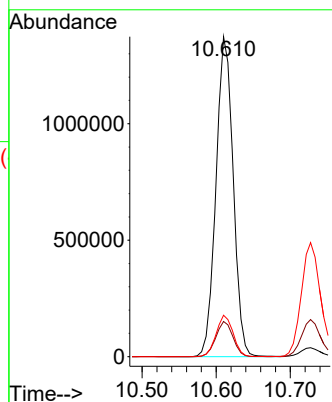
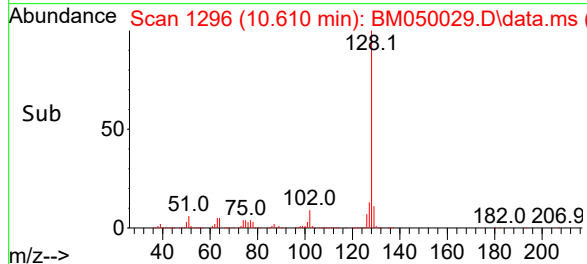
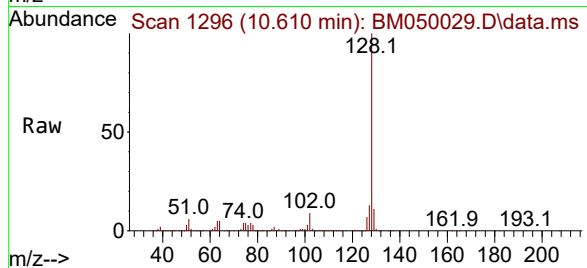




#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

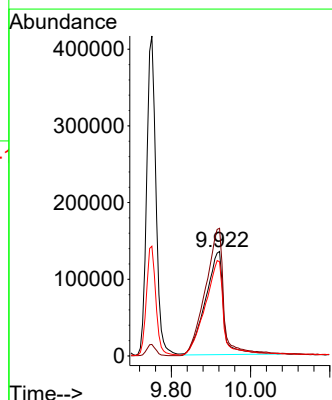
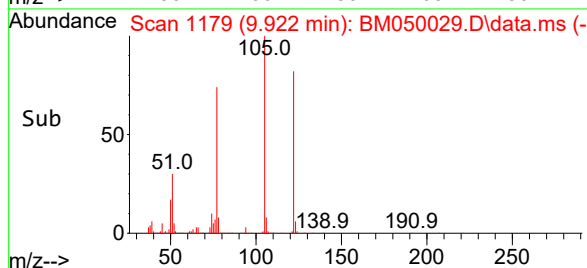
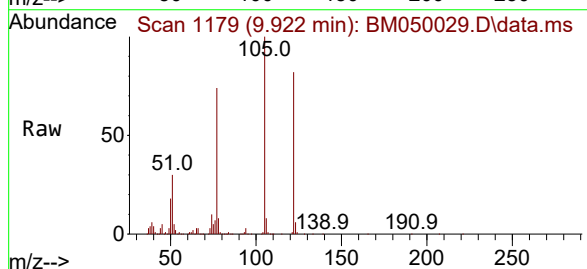
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

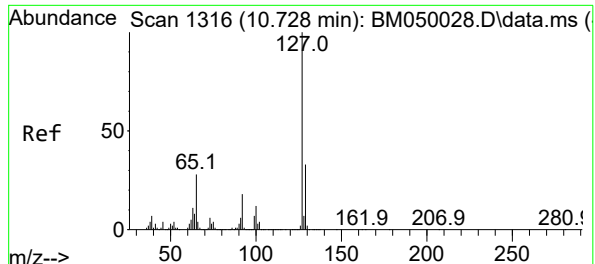
Tgt Ion:128 Resp: 2214025
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557
Ion Ratio Lower Upper
122 100
105 122.2 103.6 143.6
77 90.1 73.7 113.7





#33

4-Chloroaniline

Concen: 53.913 ng

RT: 10.727 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 937309

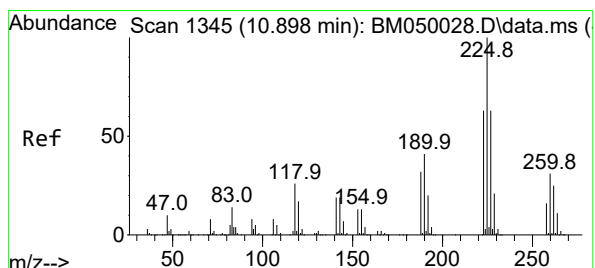
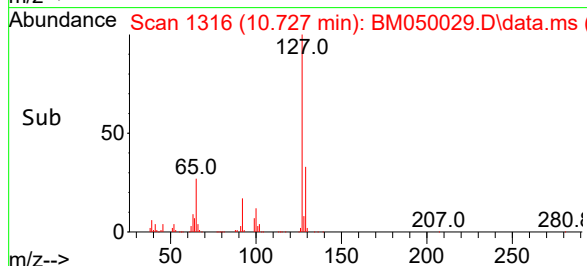
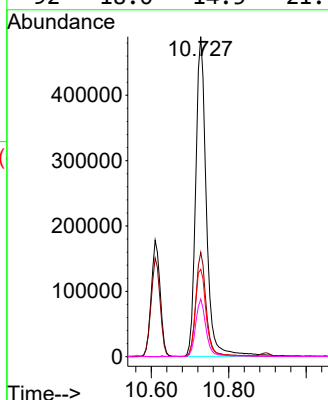
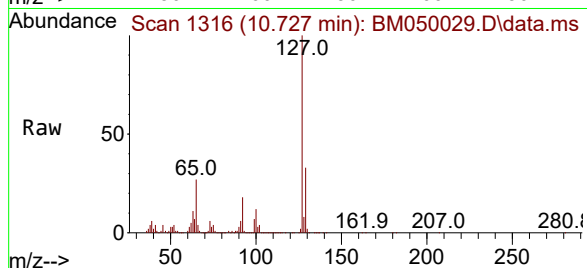
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 27.3 22.5 33.7

92 18.0 14.5 21.7



#34

Hexachlorobutadiene

Concen: 52.471 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

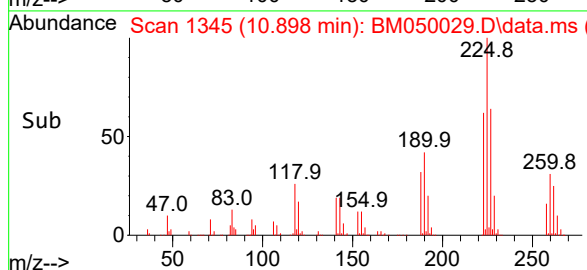
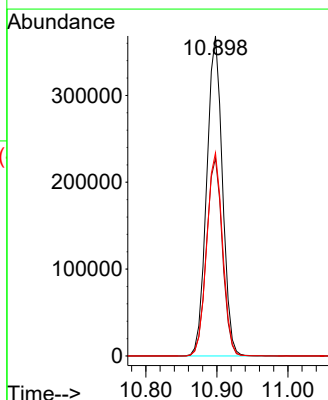
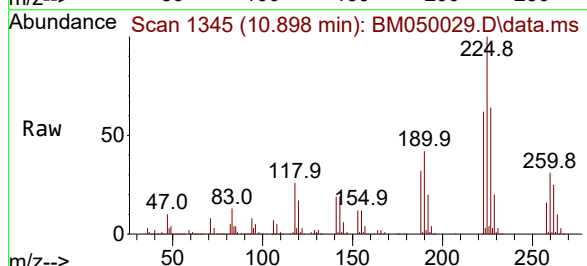
Tgt Ion:225 Resp: 566049

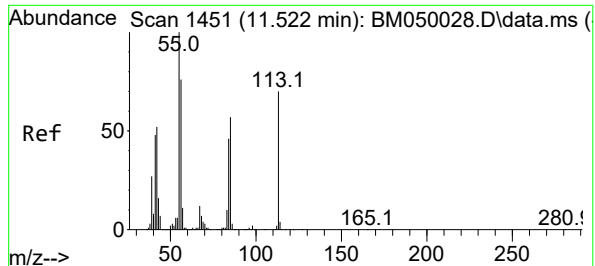
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 63.5 50.6 76.0





#35

Caprolactam

Concen: 53.741 ng

RT: 11.522 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

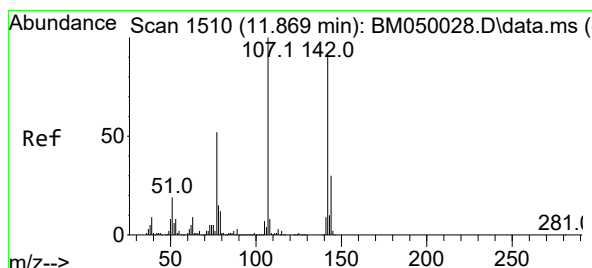
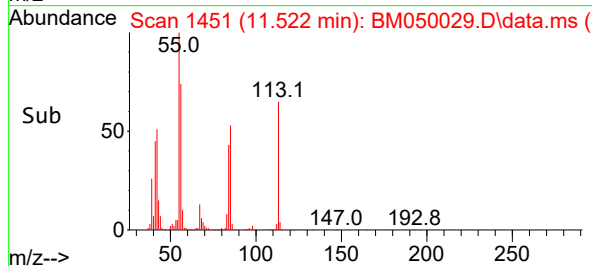
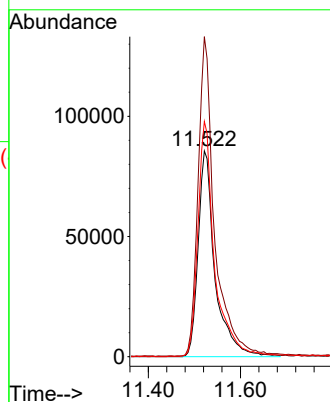
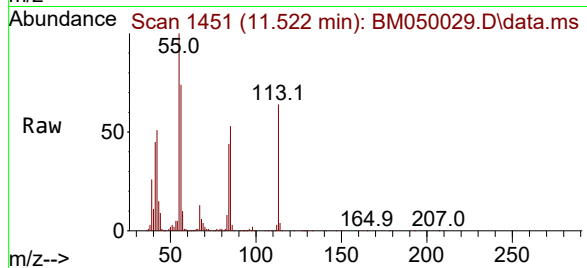
Tgt Ion:113 Resp: 218572

Ion Ratio Lower Upper

113 100

55 155.5 122.9 162.9

56 114.3 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 53.394 ng

RT: 11.869 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

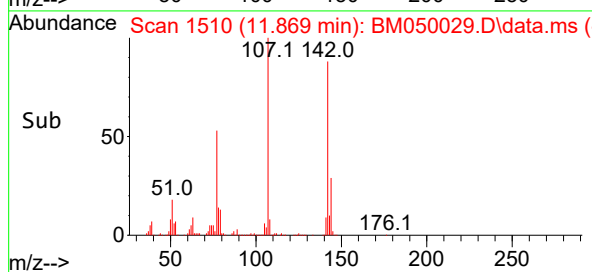
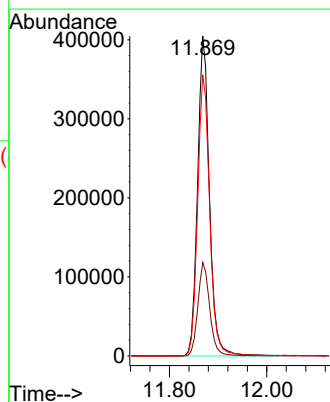
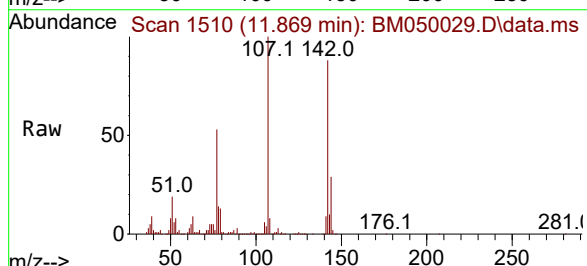
Tgt Ion:107 Resp: 688099

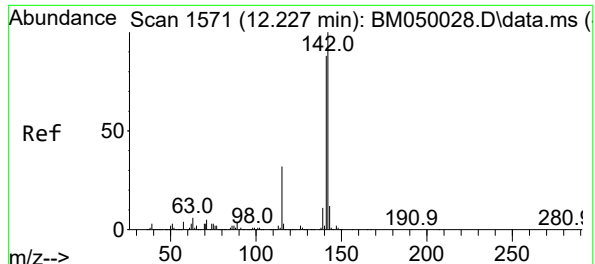
Ion Ratio Lower Upper

107 100

144 29.2 23.8 35.6

142 87.9 71.9 107.9

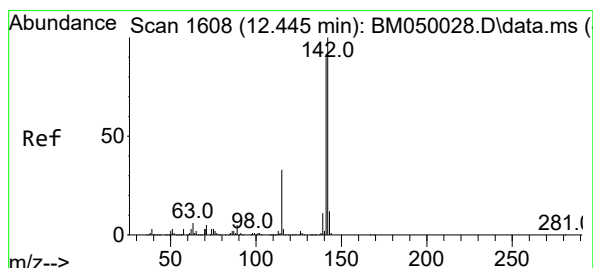
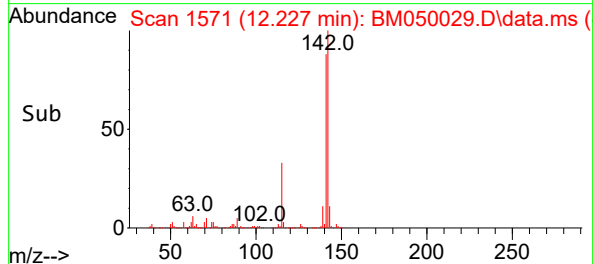
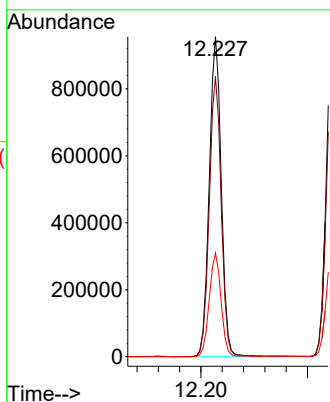
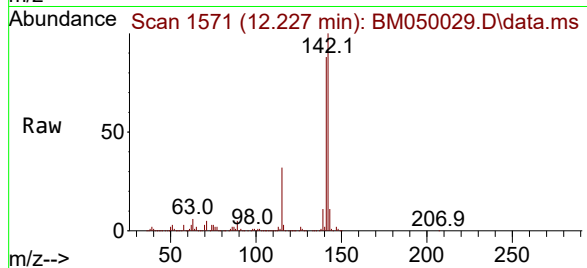




#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

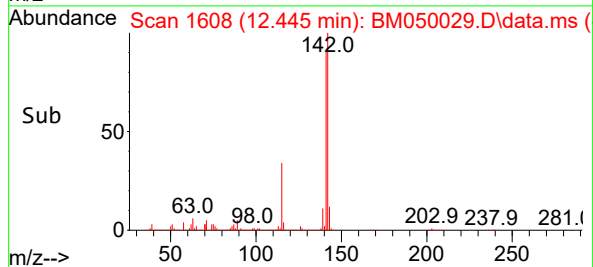
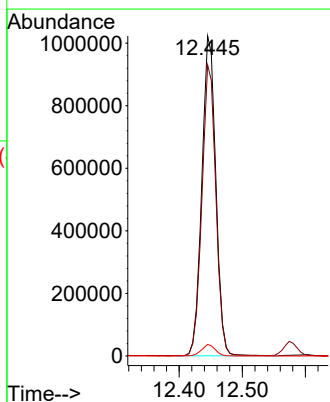
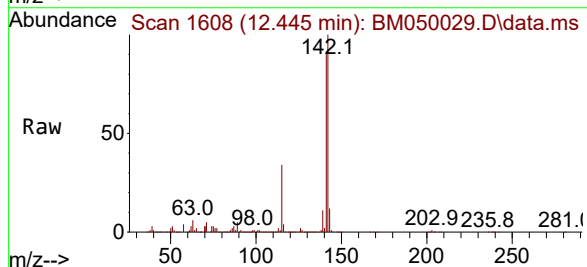
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

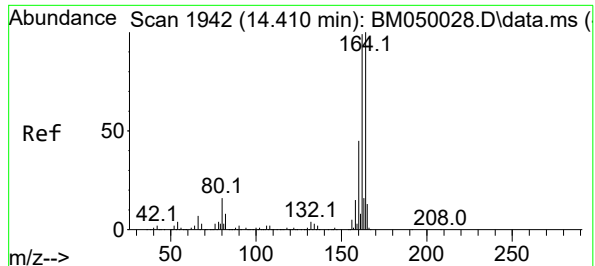
Tgt Ion:142 Resp: 1494348
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 32.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

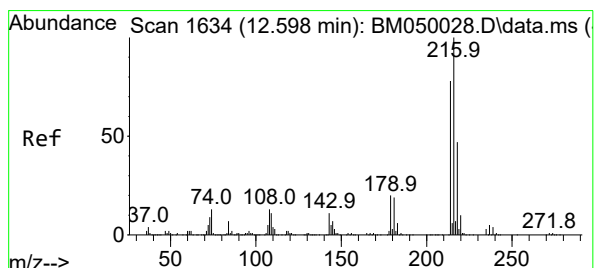
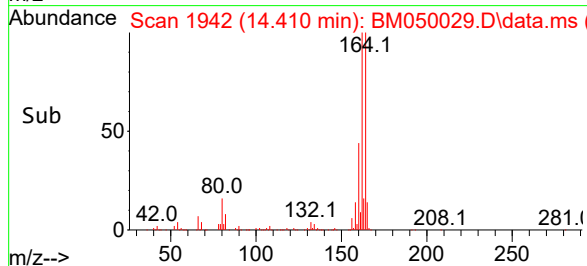
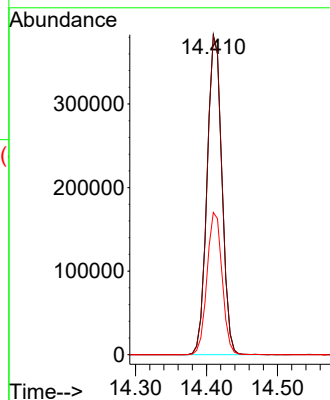
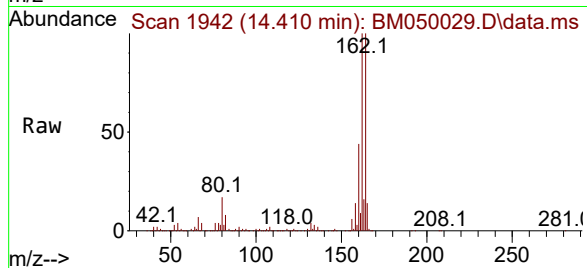
Tgt Ion:164 Resp: 554448

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.822 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

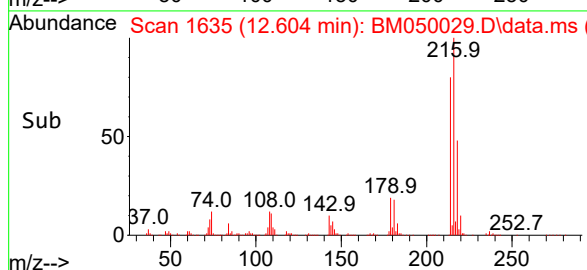
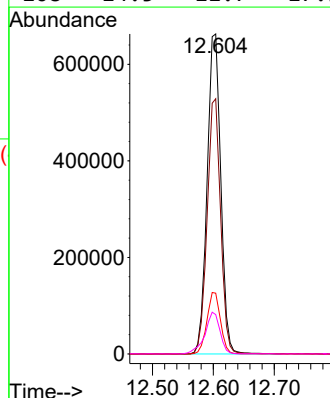
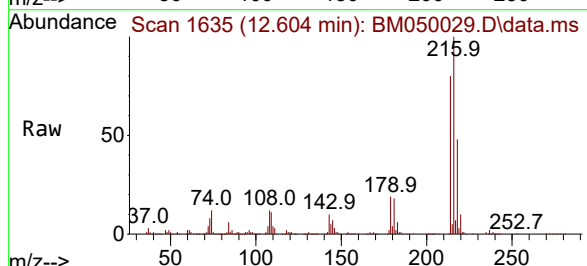
Ion Ratio Lower Upper

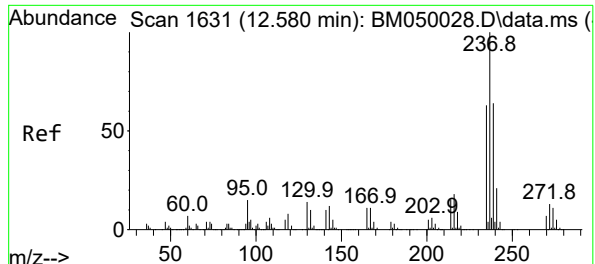
216 100

214 78.6 62.3 93.5

179 19.1 15.4 23.0

108 14.5 11.7 17.5

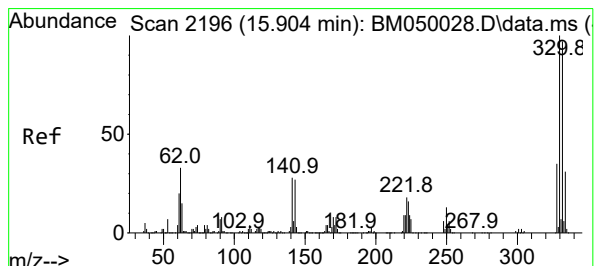
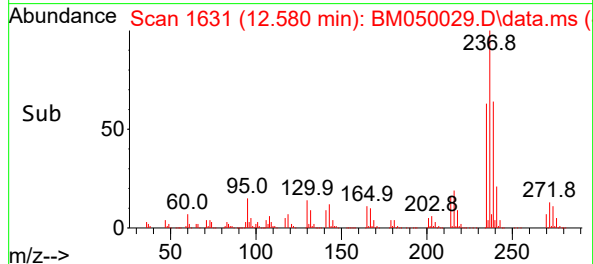
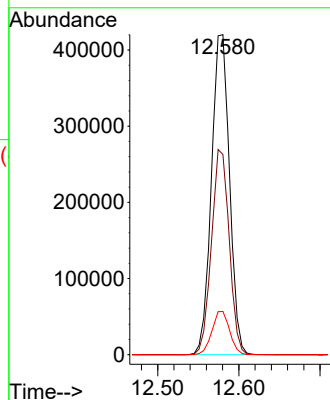
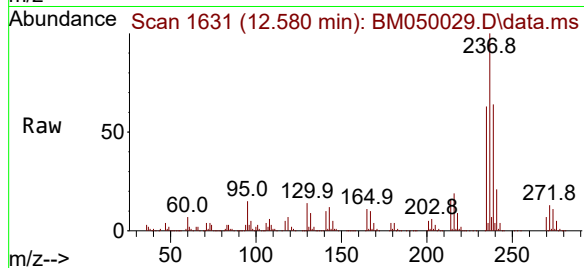




#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

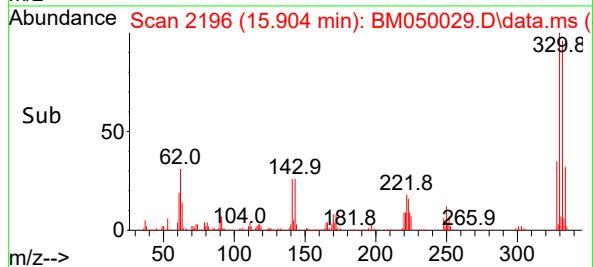
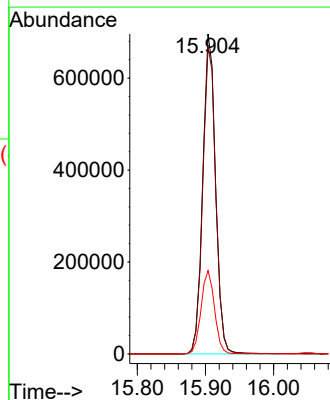
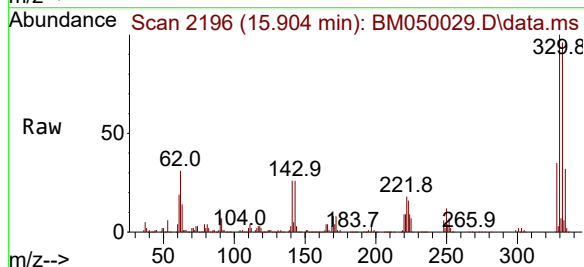
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

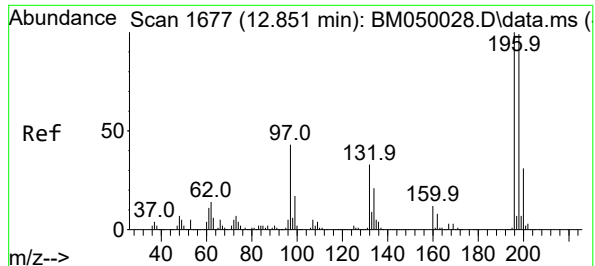
Tgt Ion:237 Resp: 649060
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.3 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 55.275 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

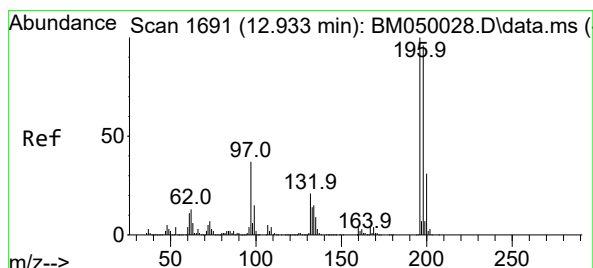
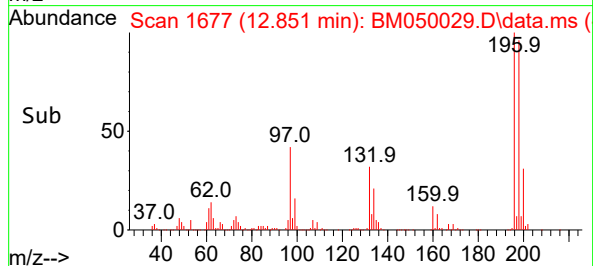
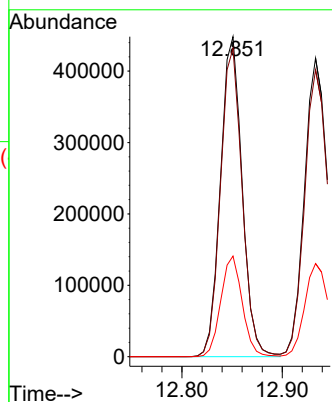
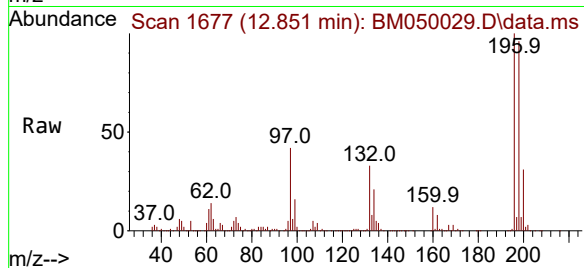
Tgt Ion:196 Resp: 672901

Ion Ratio Lower Upper

196 100

198 96.4 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 54.841 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

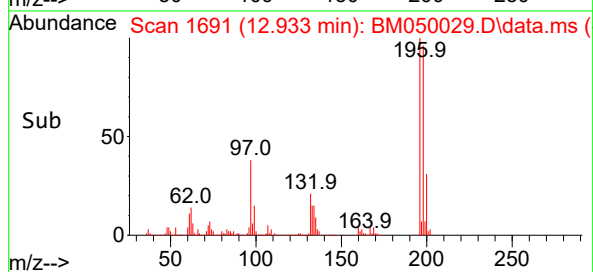
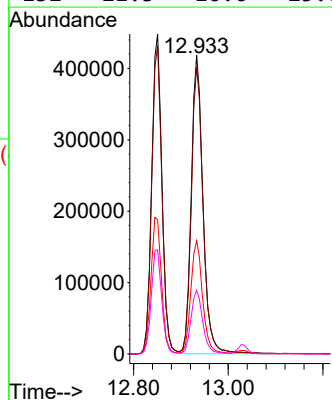
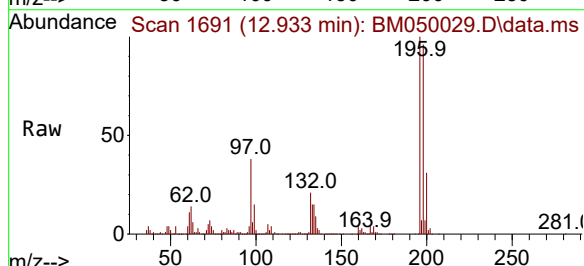
Ion Ratio Lower Upper

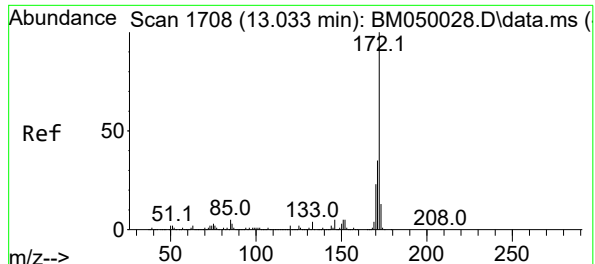
196 100

198 96.1 76.7 115.1

97 37.9 30.1 45.1

132 21.3 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 107.775 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

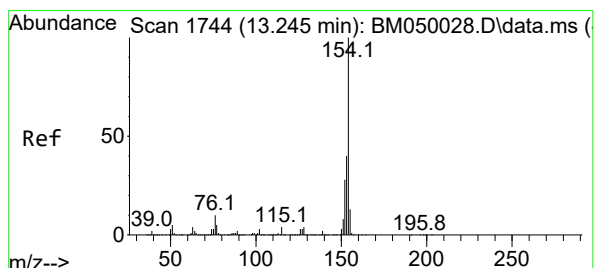
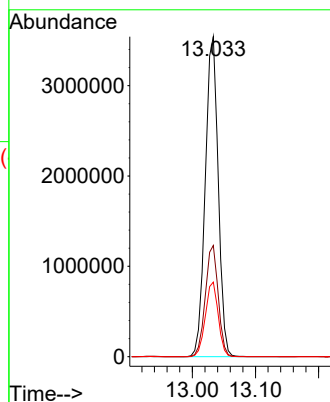
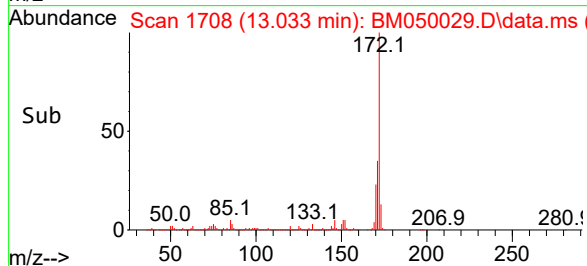
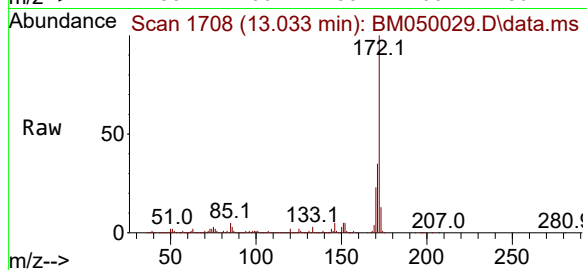
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0



#46

1,1'-Biphenyl

Concen: 53.185 ng

RT: 13.245 min Scan# 1744

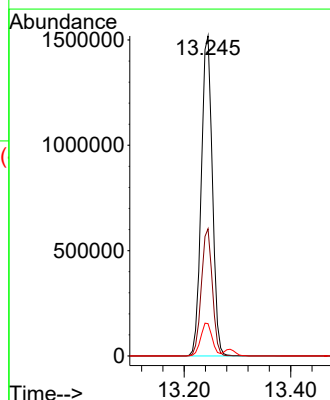
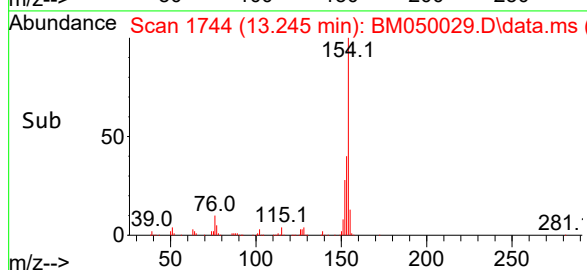
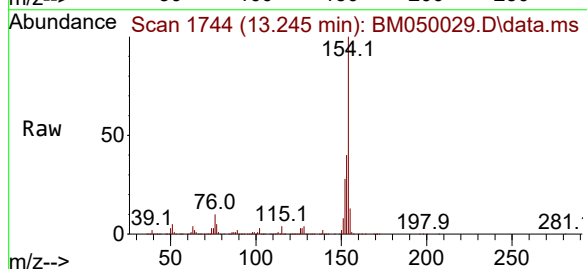
Delta R.T. -0.000 min

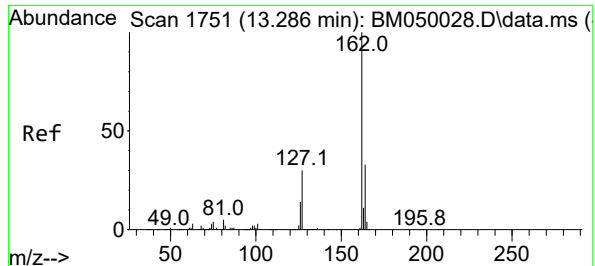
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3





#47

2-Chloronaphthalene

Concen: 52.989 ng

RT: 13.286 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BM050029.D

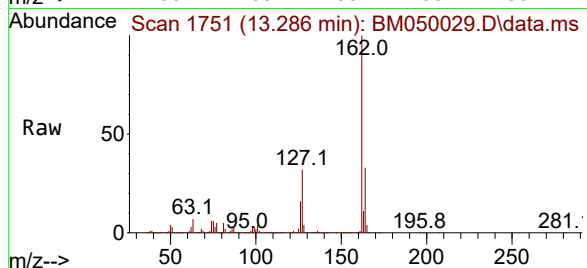
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

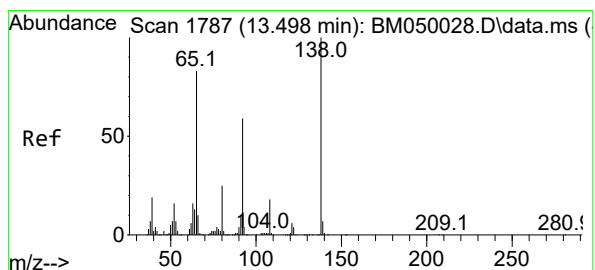
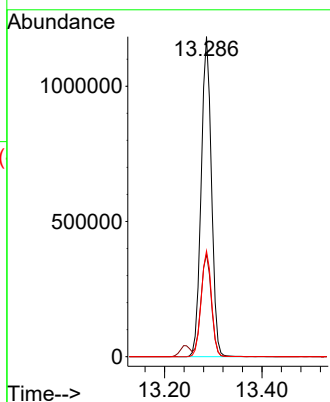
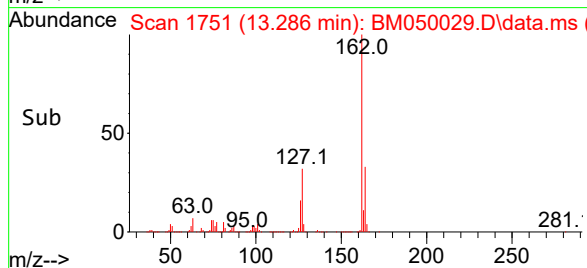
ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 1729678

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.1	26.6	40.0



#48

2-Nitroaniline

Concen: 55.016 ng

RT: 13.498 min Scan# 1787

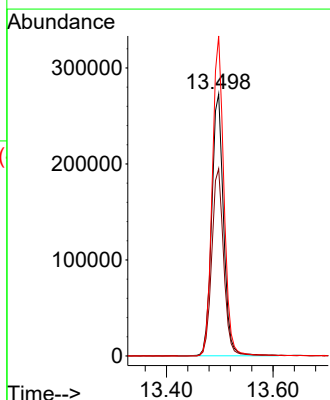
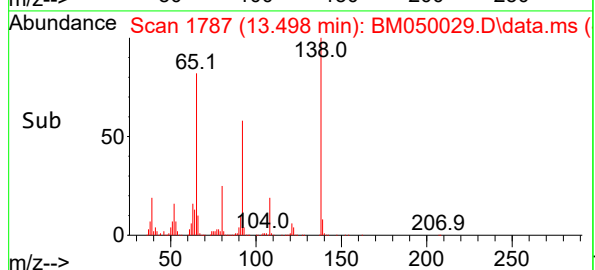
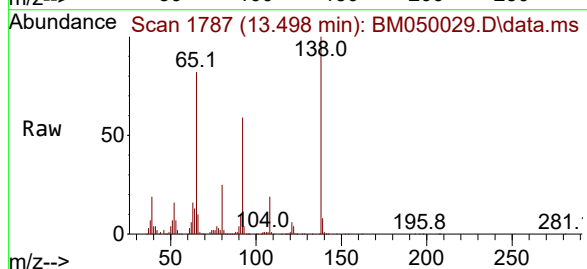
Delta R.T. -0.000 min

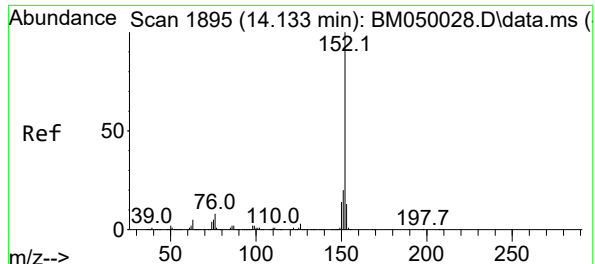
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 65 Resp: 421489

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.2	97.0	145.4





#49

Acenaphthylene

Concen: 53.082 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

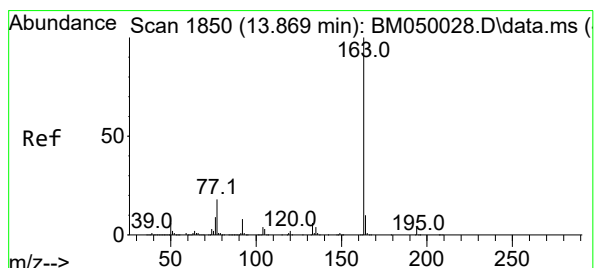
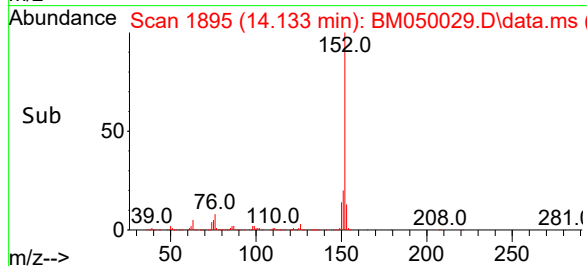
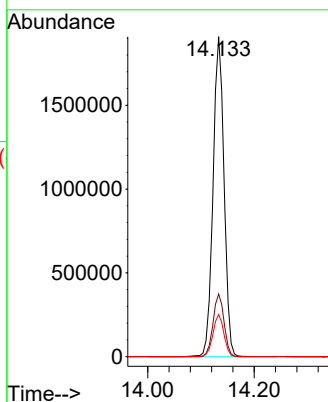
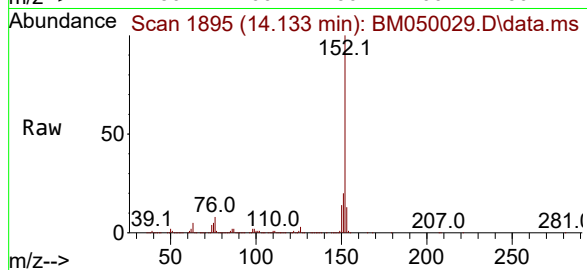
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8



#50

Dimethylphthalate

Concen: 52.770 ng

RT: 13.874 min Scan# 1851

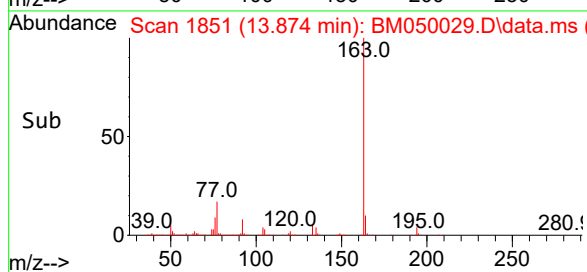
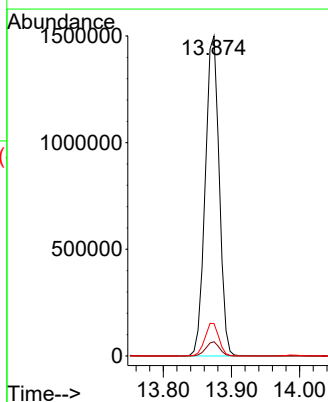
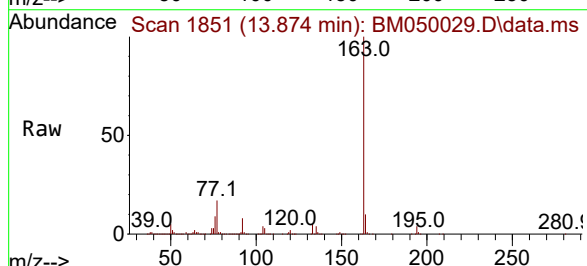
Delta R.T. 0.006 min

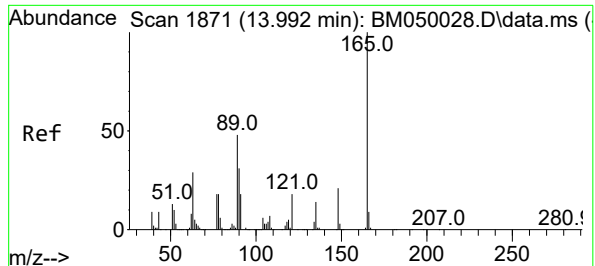
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 54.650 ng

RT: 13.992 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM050029.D

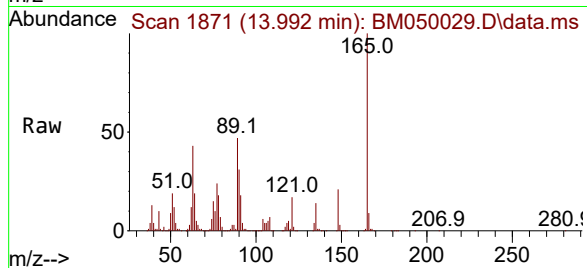
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

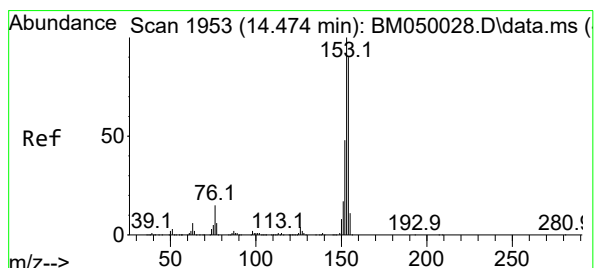
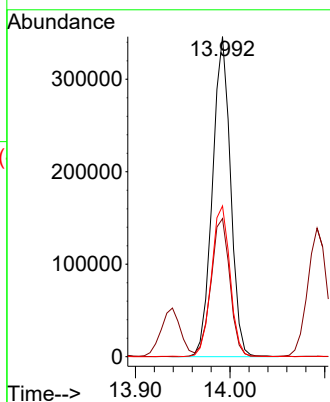
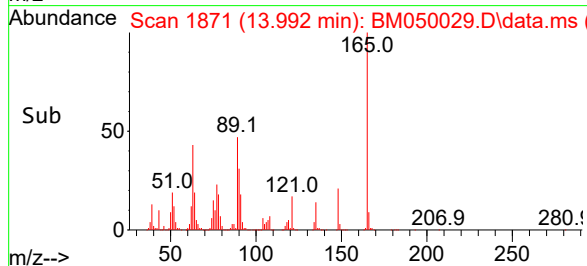
ClientSampleId :

SSTDICC050



Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6



#52

Acenaphthene

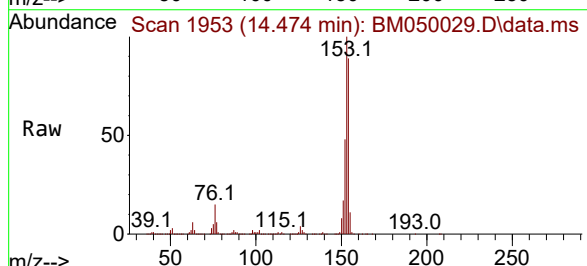
Concen: 53.287 ng

RT: 14.474 min Scan# 1953

Delta R.T. -0.000 min

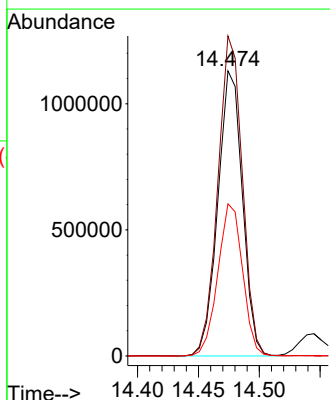
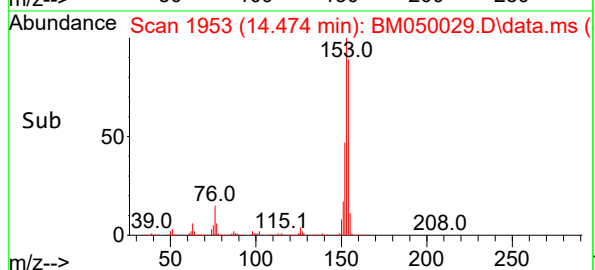
Lab File: BM050029.D

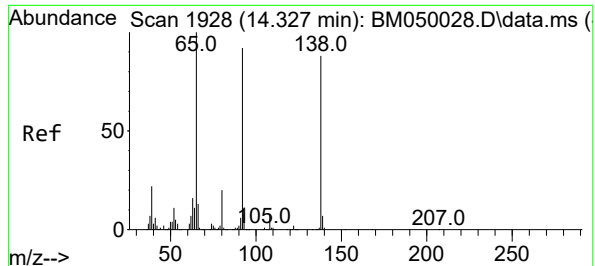
Acq: 28 Apr 2025 15:45



Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6

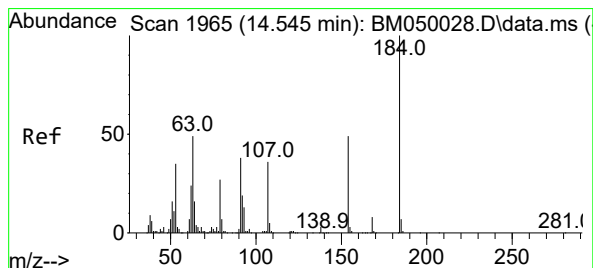
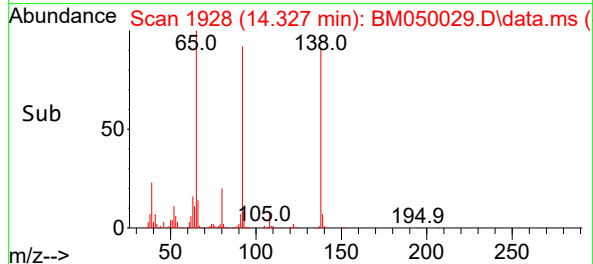
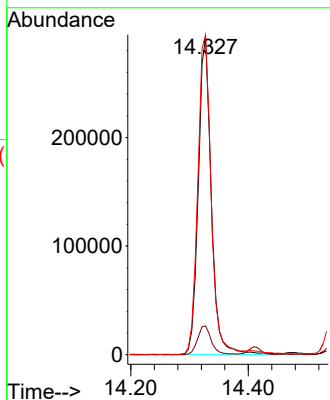
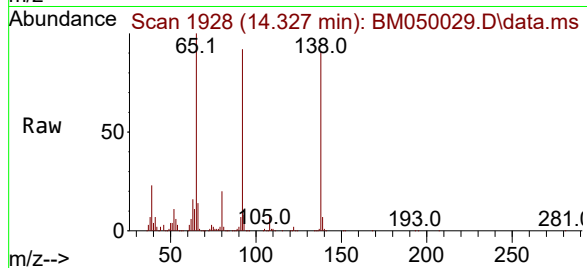




#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

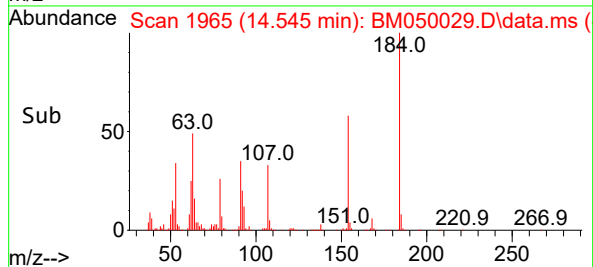
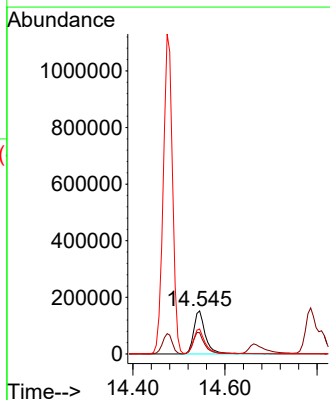
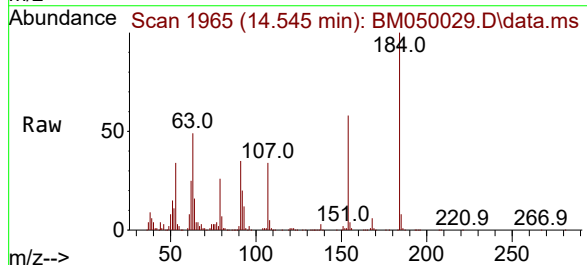
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

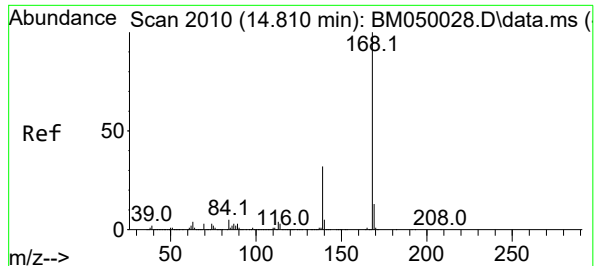
Tgt Ion:138 Resp: 450021
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 101.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515
Ion Ratio Lower Upper
184 100
63 49.3 39.8 59.6
154 58.0 46.1 69.1

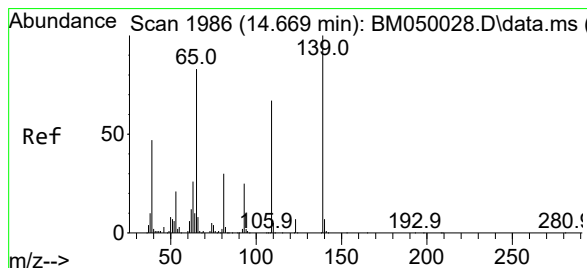
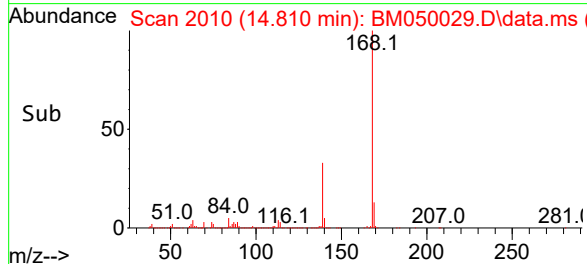
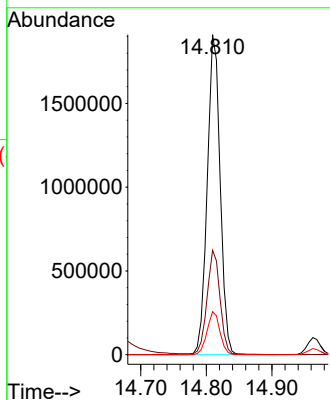
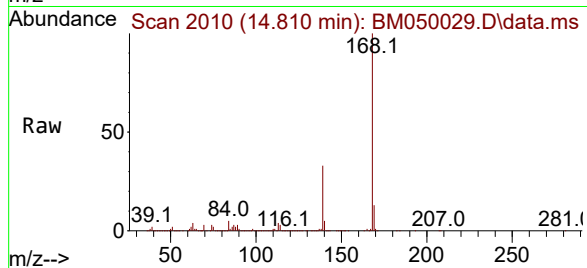




#55
Dibenzenofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

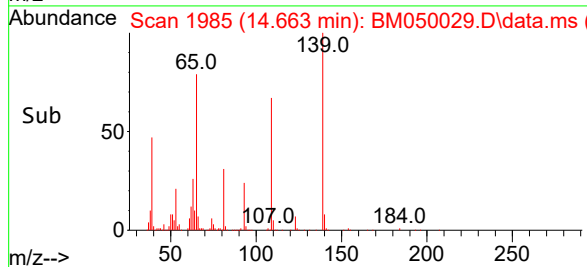
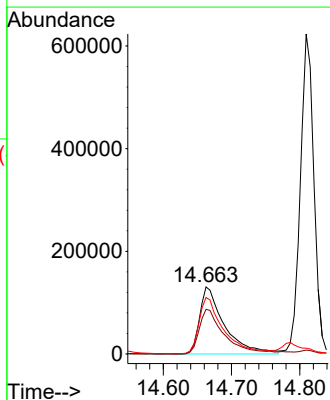
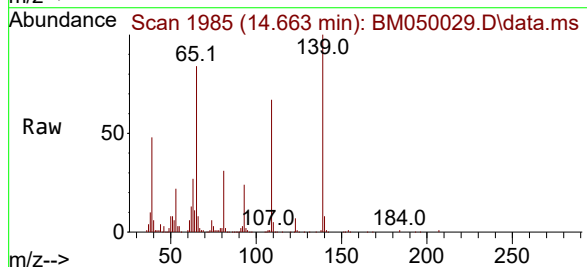
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

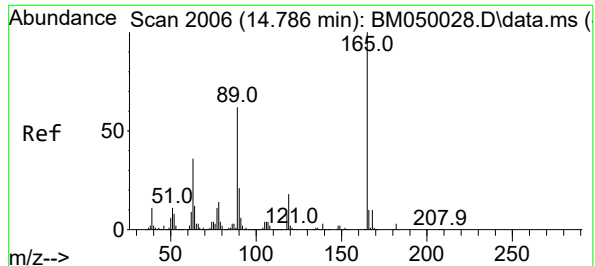
Tgt Ion:168 Resp: 2617489
Ion Ratio Lower Upper
168 100
139 32.6 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078
Ion Ratio Lower Upper
139 100
109 66.7 47.0 87.0
65 84.3 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 55.921 ng

RT: 14.786 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 648262

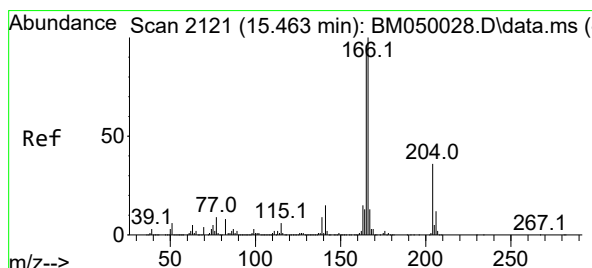
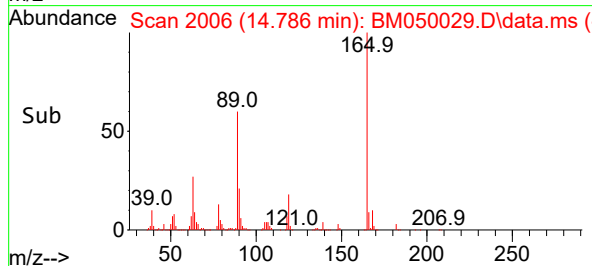
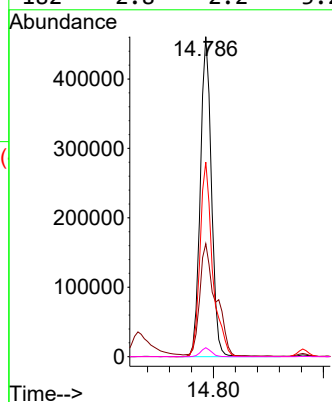
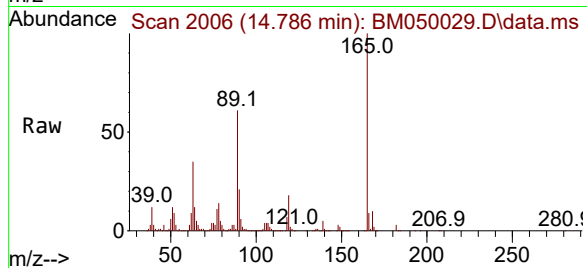
Ion Ratio Lower Upper

165 100

63 35.3 29.0 43.6

89 60.8 49.4 74.2

182 2.8 2.2 3.2



#58

Fluorene

Concen: 53.740 ng

RT: 15.462 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

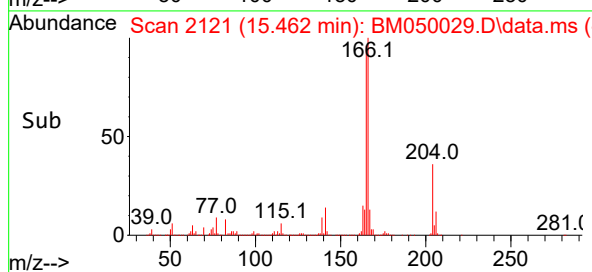
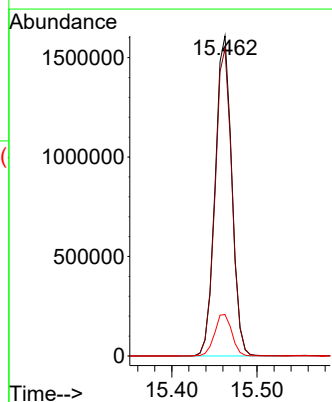
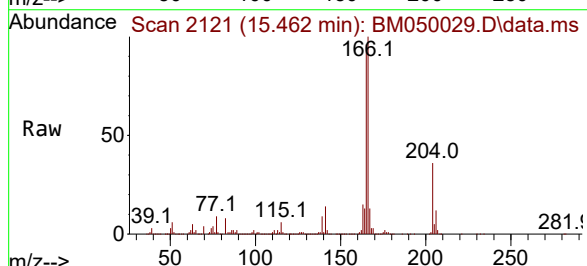
Tgt Ion:166 Resp: 2180247

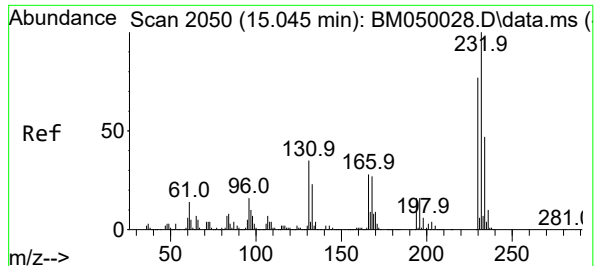
Ion Ratio Lower Upper

166 100

165 96.1 76.6 115.0

167 13.0 10.6 16.0

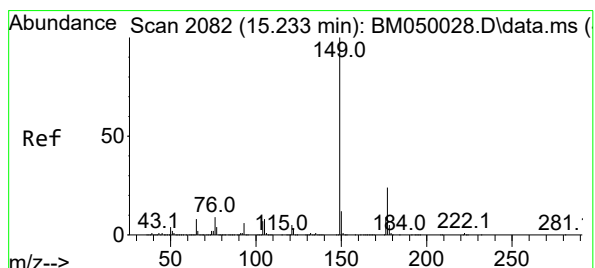
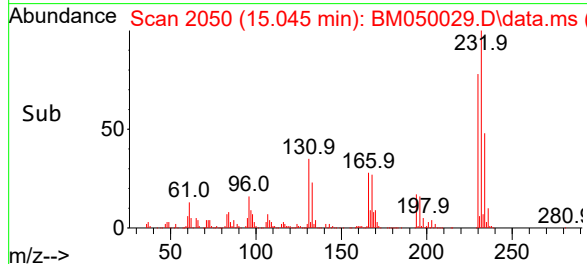
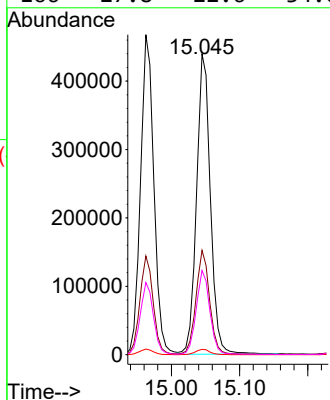
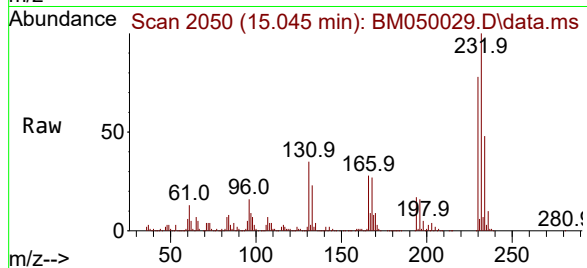




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

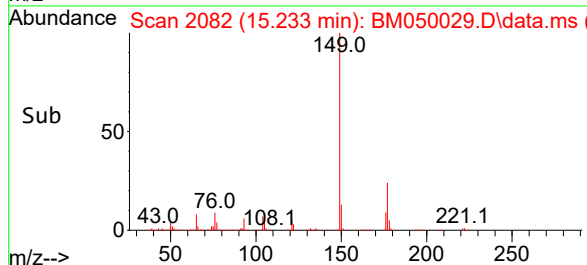
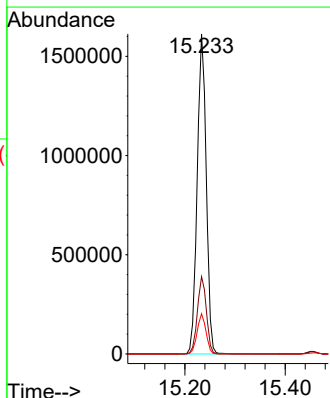
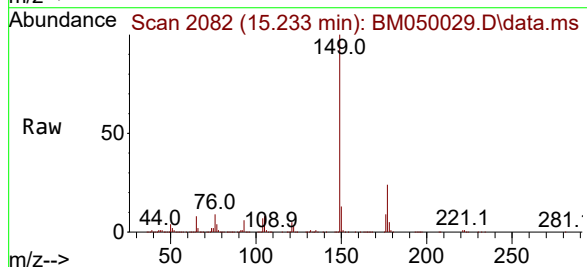
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

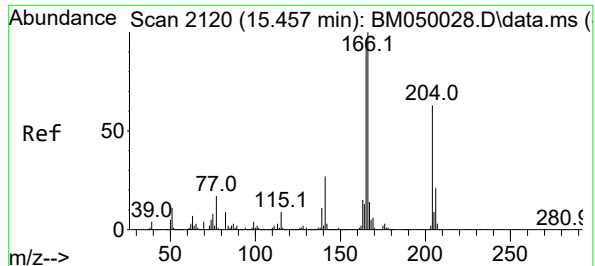
Tgt Ion:232 Resp: 617151
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.5 9.6 14.4

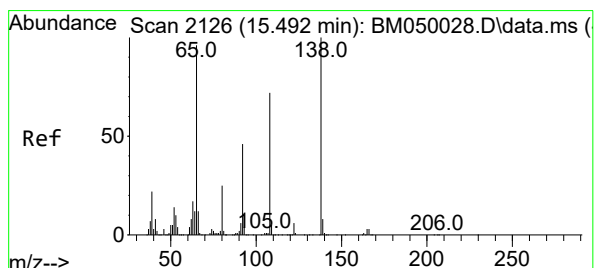
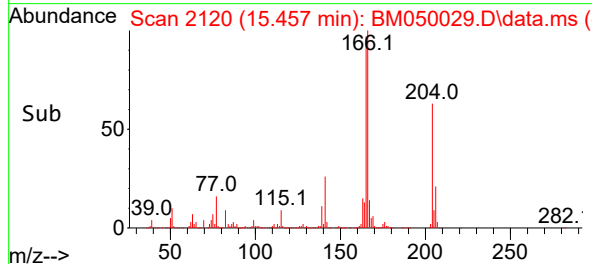
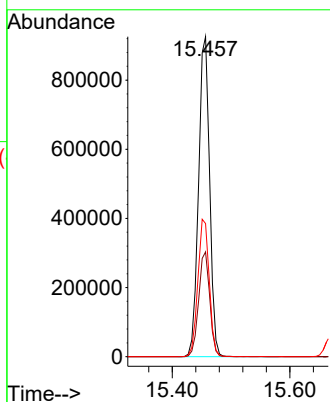
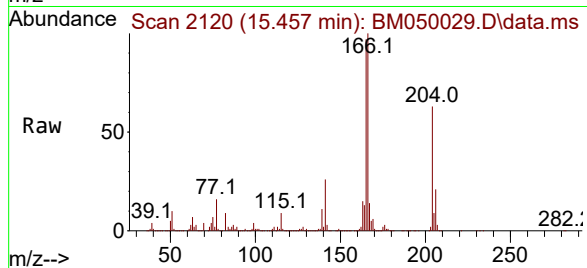




#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

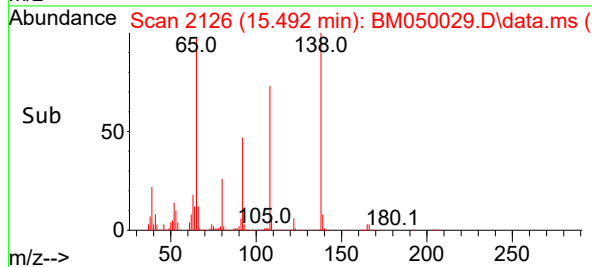
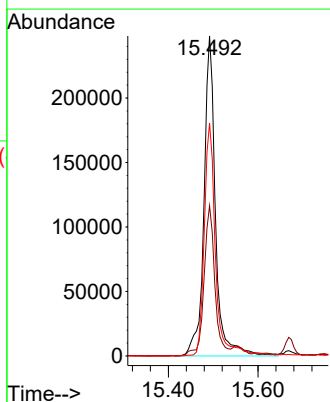
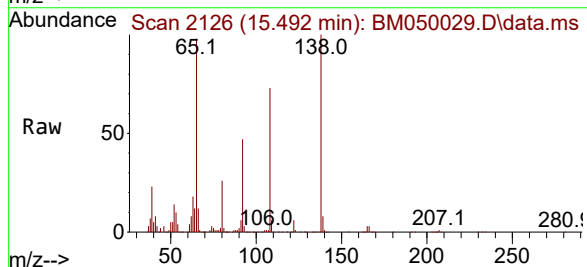
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

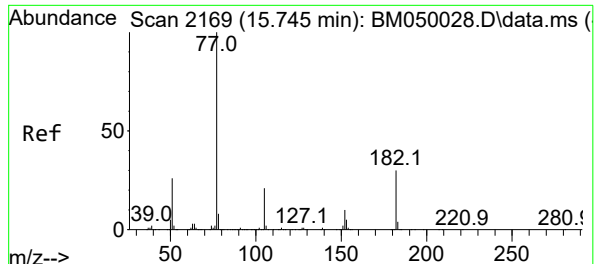
Tgt Ion:204 Resp: 1207514
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 41.6 34.0 51.0



#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520
Ion Ratio Lower Upper
138 100
92 46.9 25.9 65.9
108 72.7 52.4 92.4

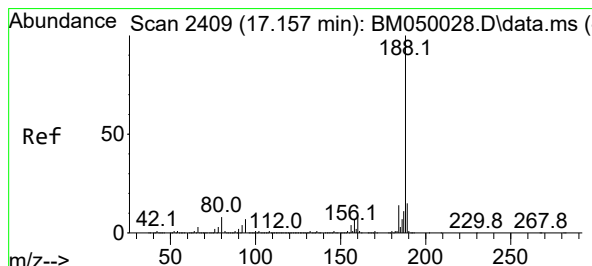
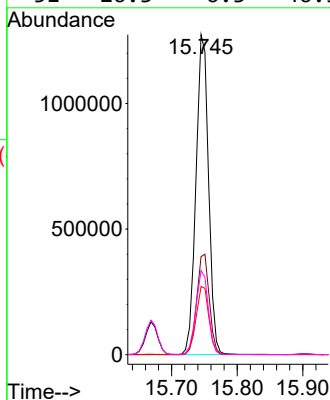
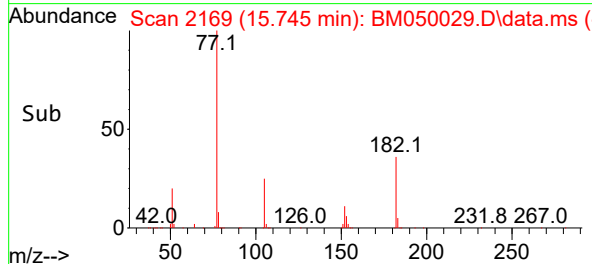
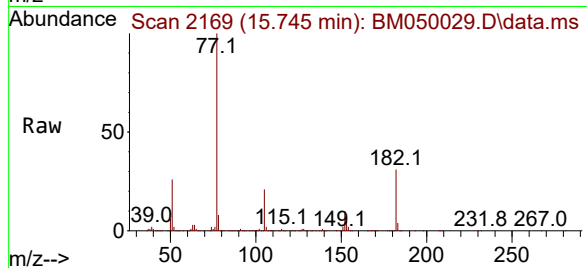




#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

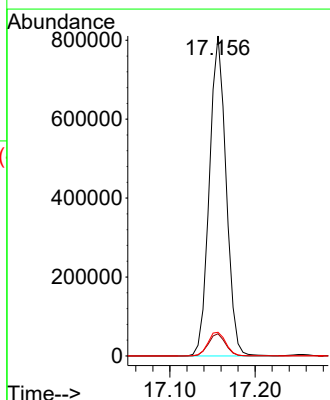
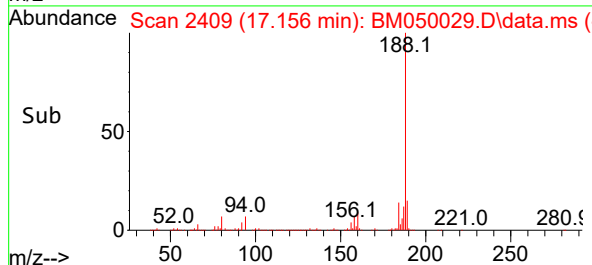
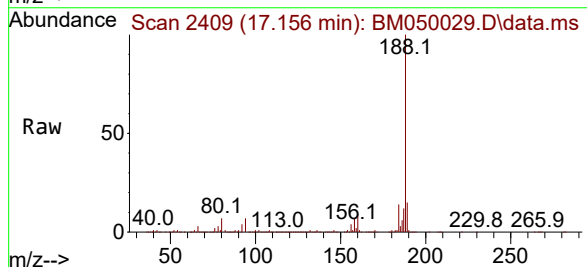
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

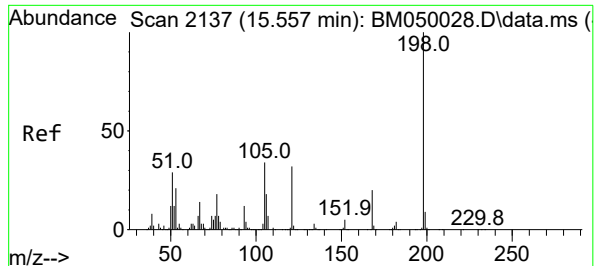
Tgt Ion: 77 Resp: 1703932
Ion Ratio Lower Upper
77 100
182 30.7 10.5 50.5
105 21.3 1.1 41.1
51 26.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 188 Resp: 1105769
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.4 6.2 9.4

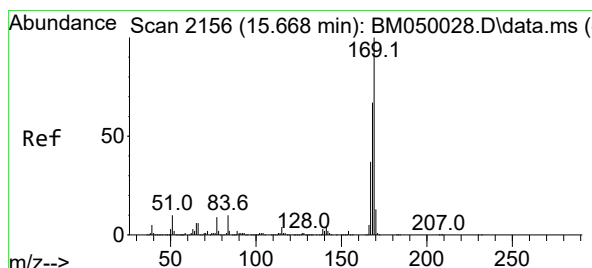
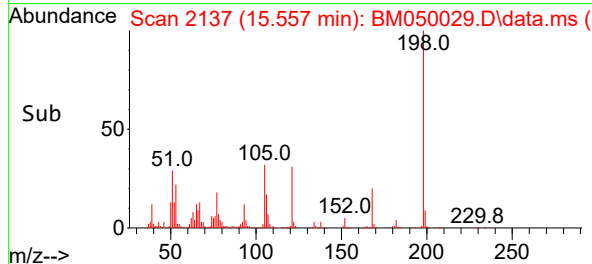
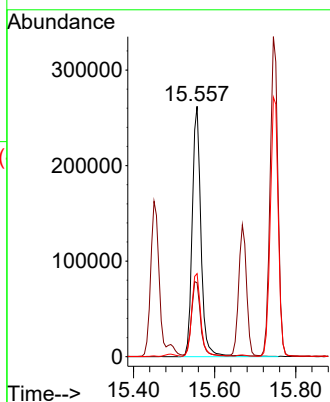
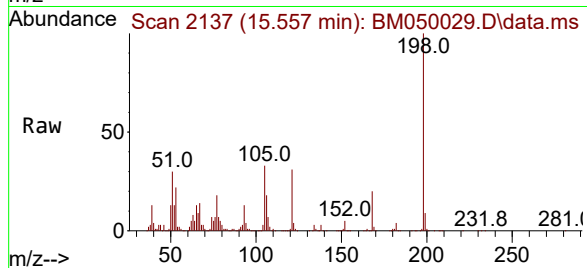




#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

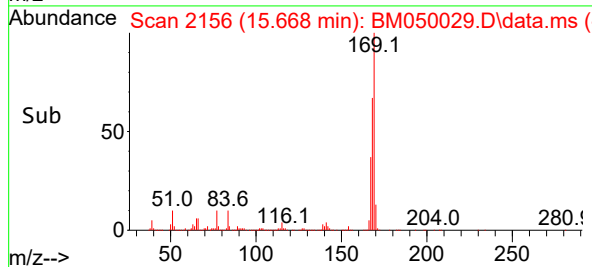
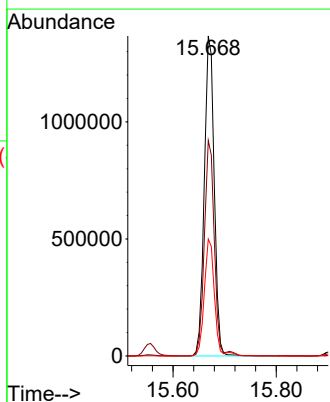
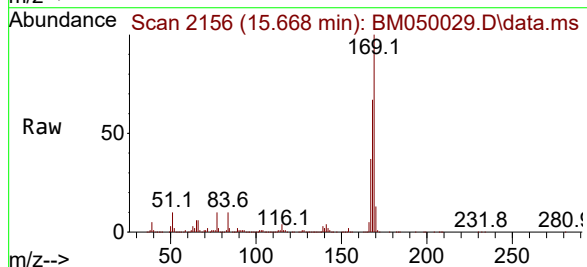
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

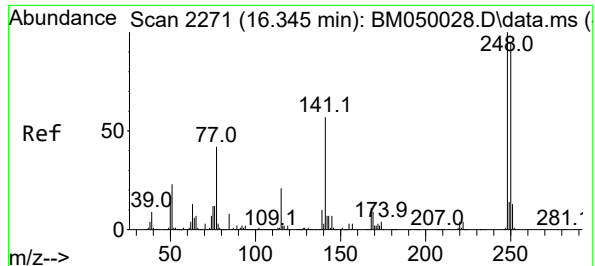
Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.5	10.4	50.4
105	33.1	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0

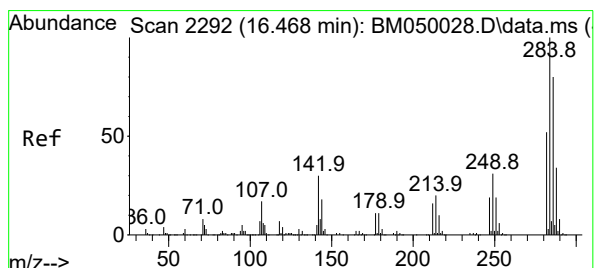
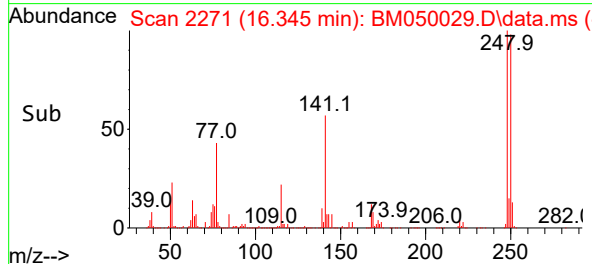
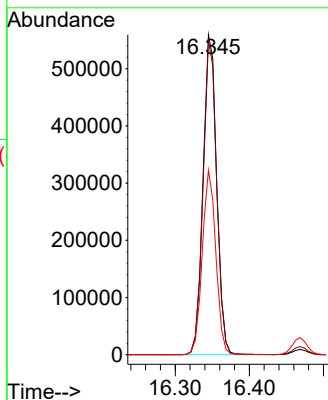
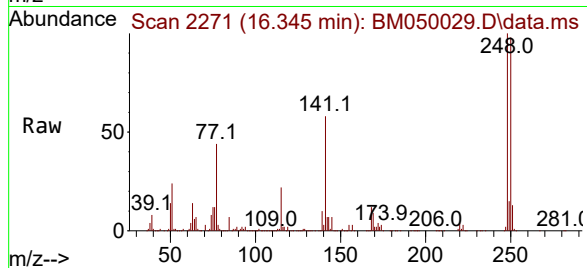




#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

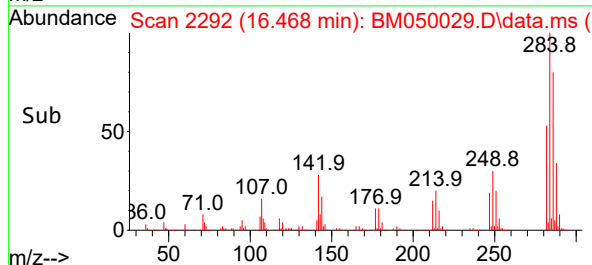
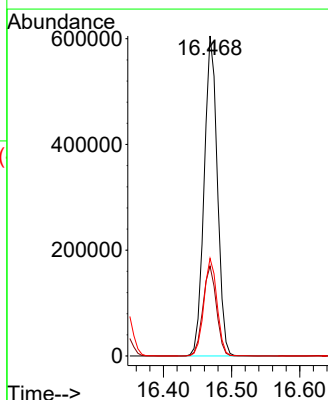
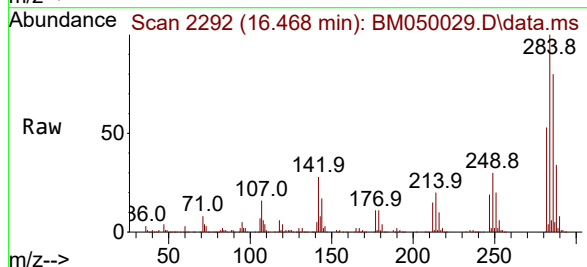
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

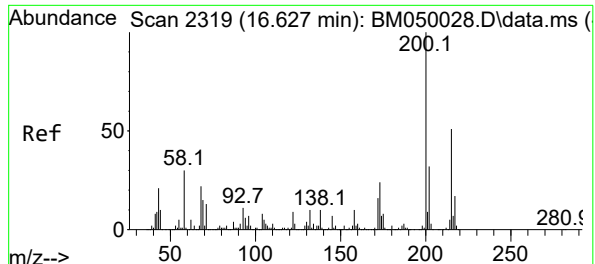
Tgt Ion:248 Resp: 713498
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.2
141 57.6 45.9 68.9



#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 30.5 24.5 36.7

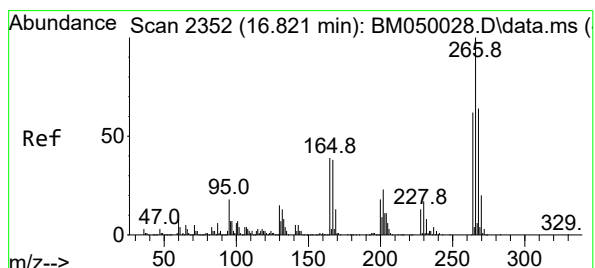
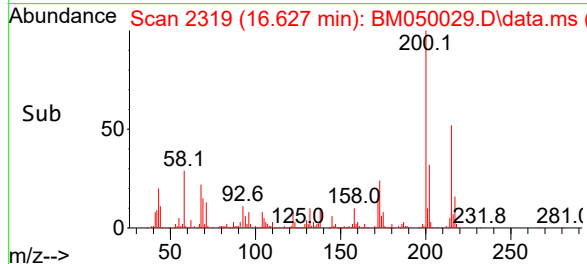
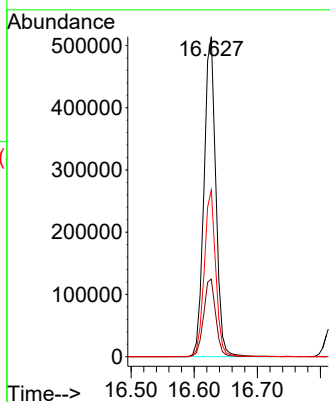
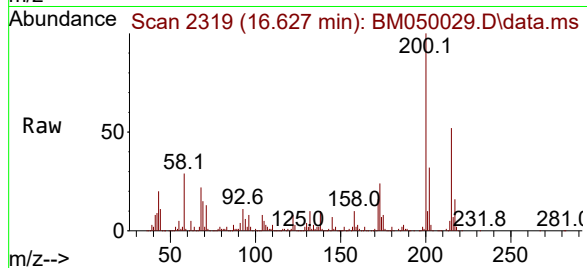




#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

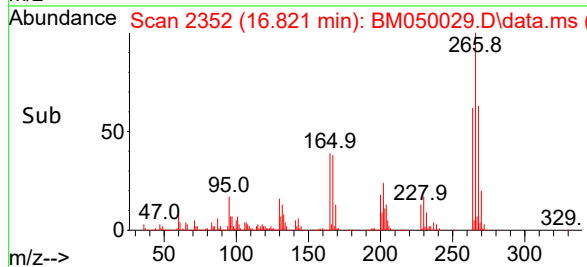
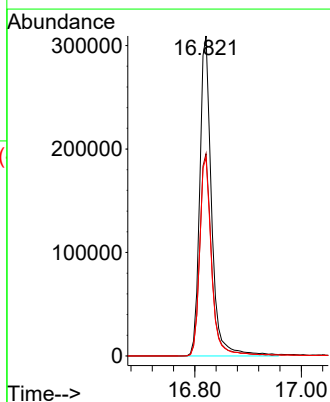
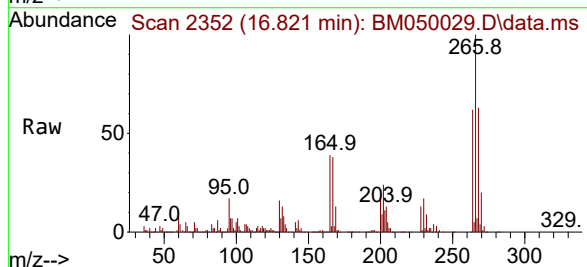
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

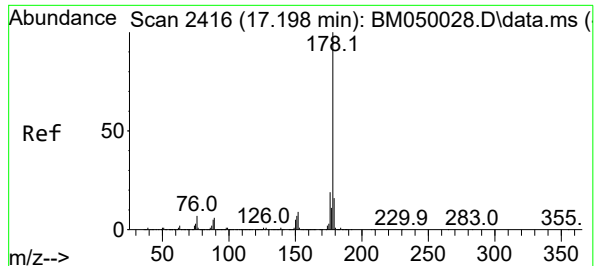
Tgt Ion:200 Resp: 669330
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 52.1 30.6 70.6



#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 62.0 49.6 74.4

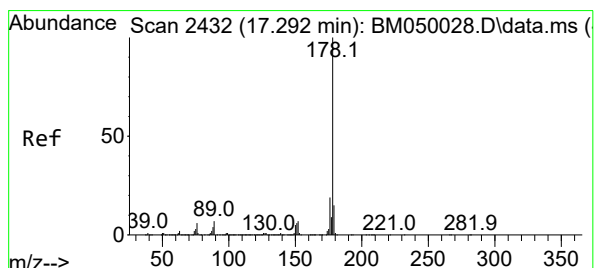
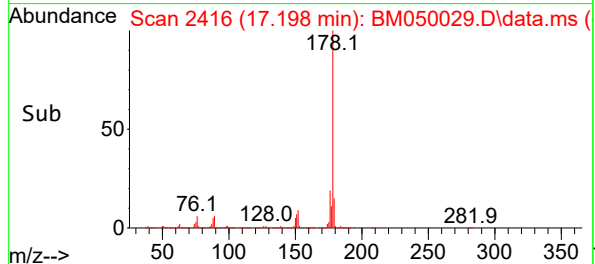
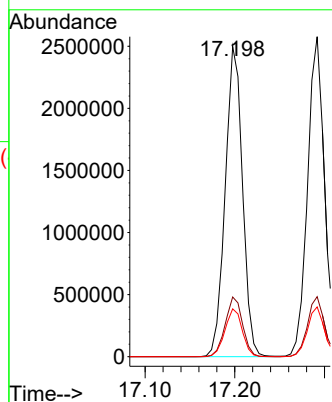
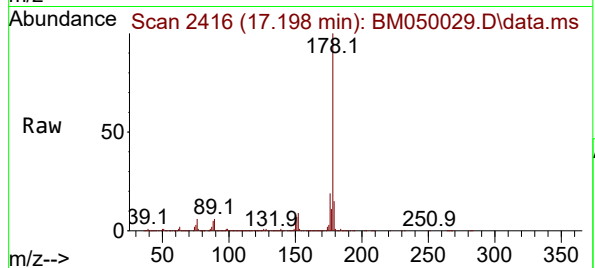




#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

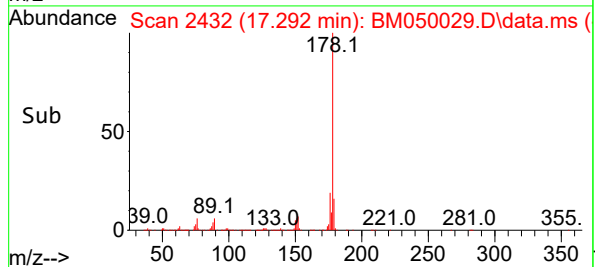
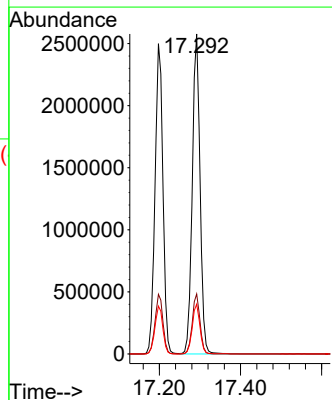
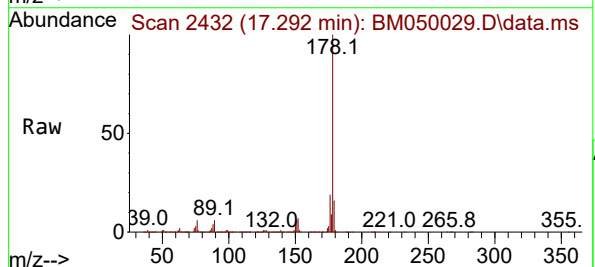
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

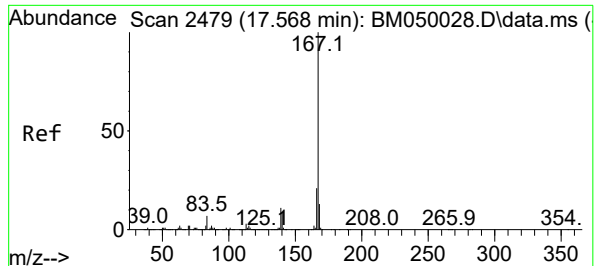
Tgt Ion:178 Resp: 3349195
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4

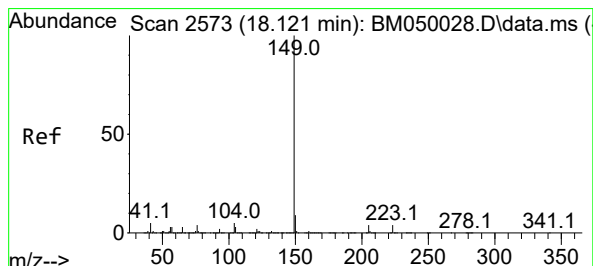
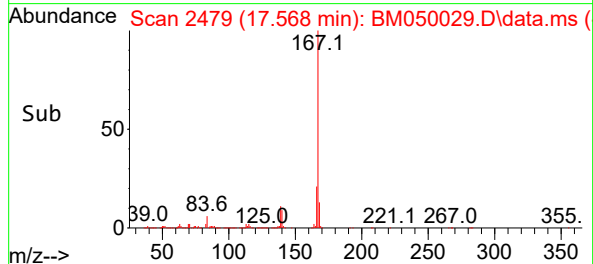
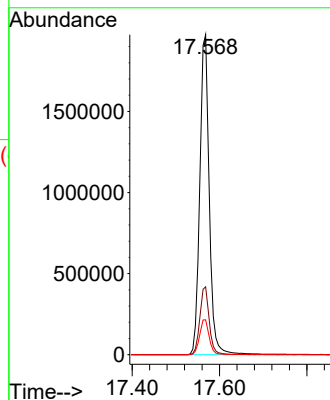
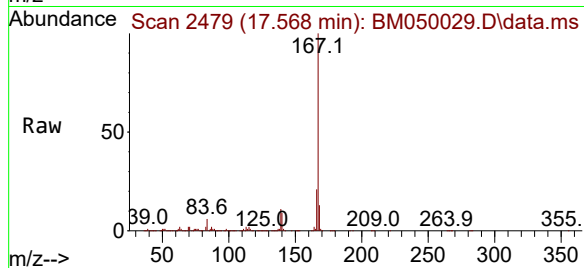




#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

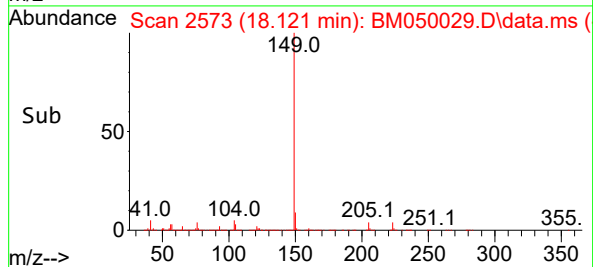
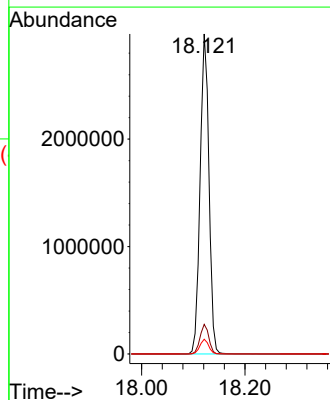
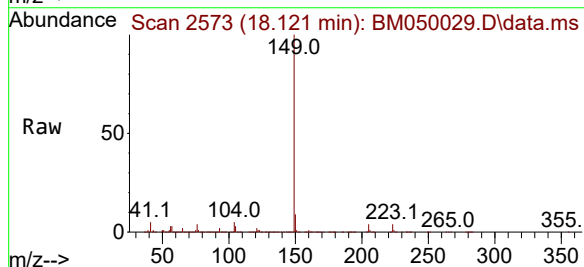
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

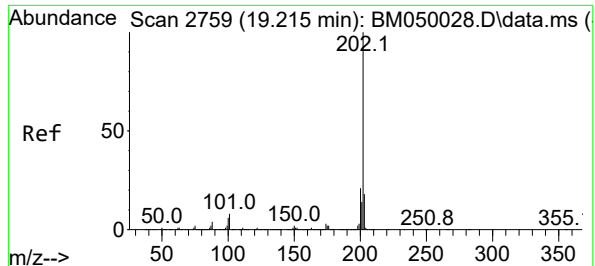
Tgt Ion:167 Resp: 2971695
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.9 9.0 13.6



#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.8 5.6

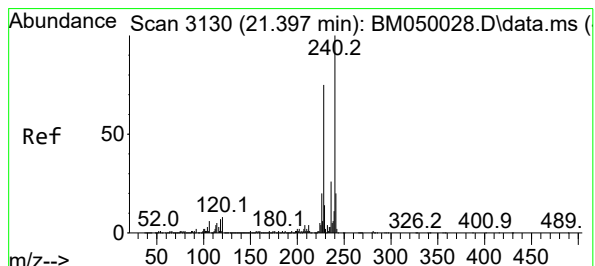
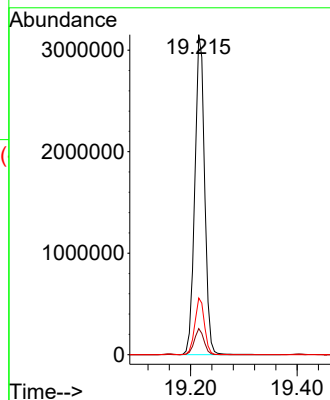
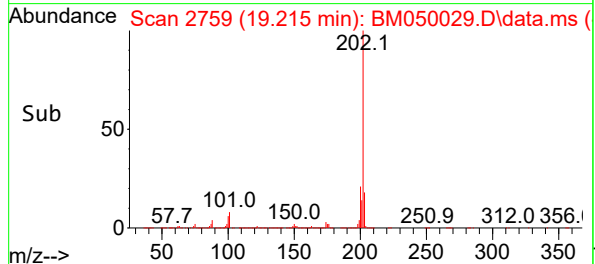
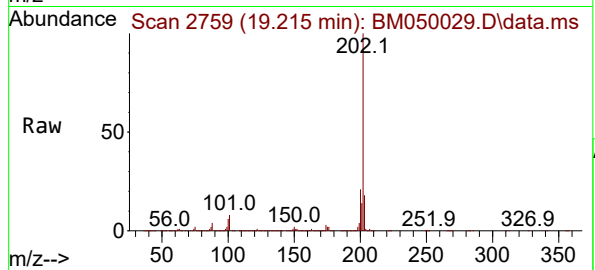




#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

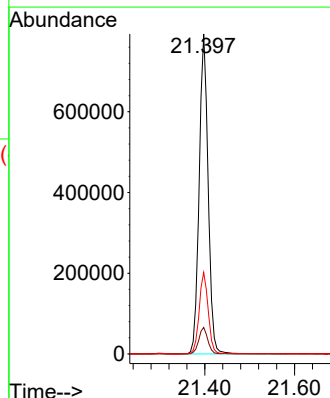
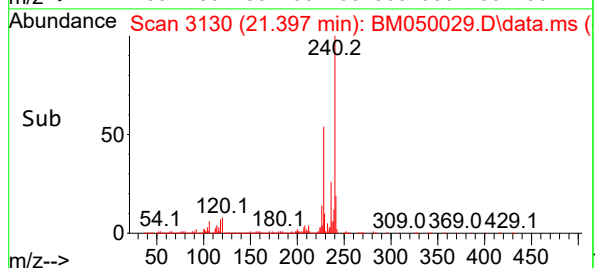
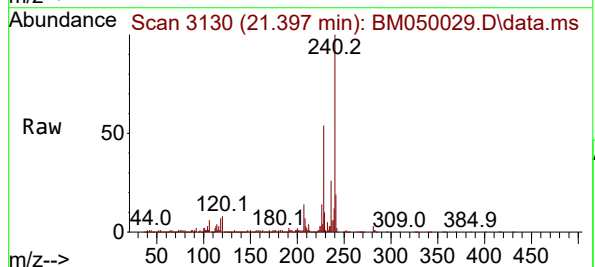
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

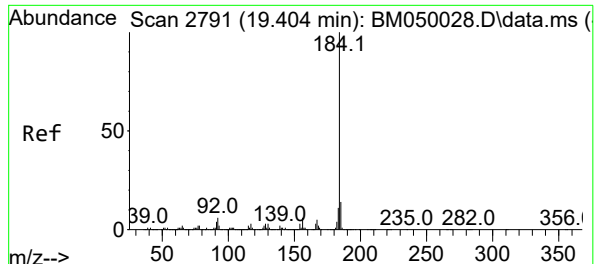
Tgt Ion:202 Resp: 4021516
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.5 20.9 31.3

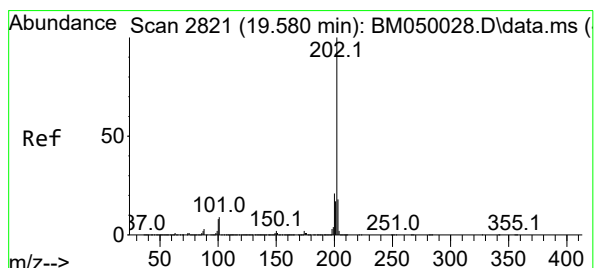
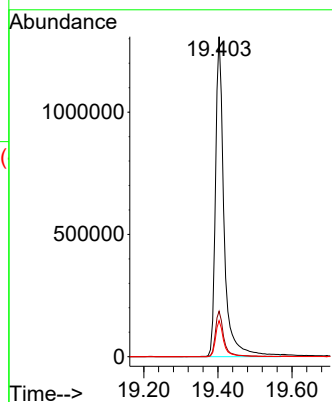
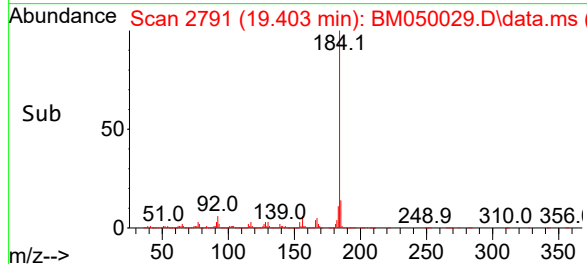
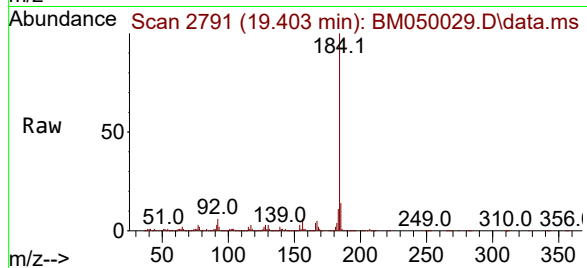




#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

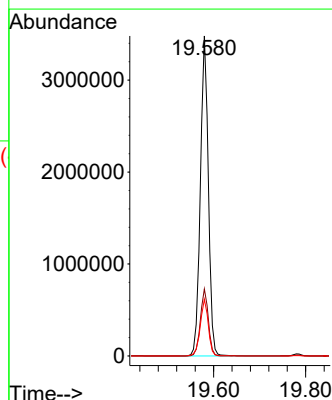
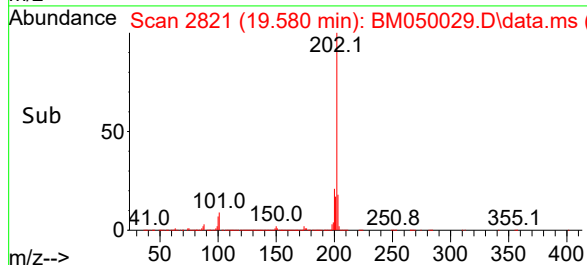
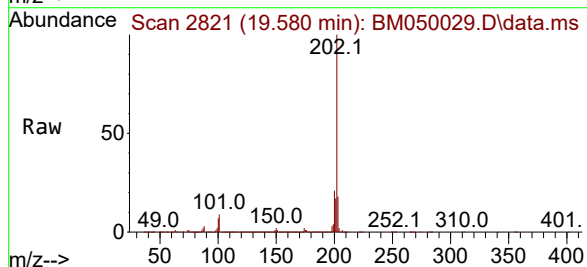
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

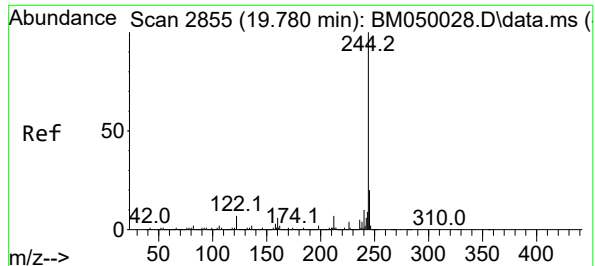
Tgt Ion:184 Resp: 2110748
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1

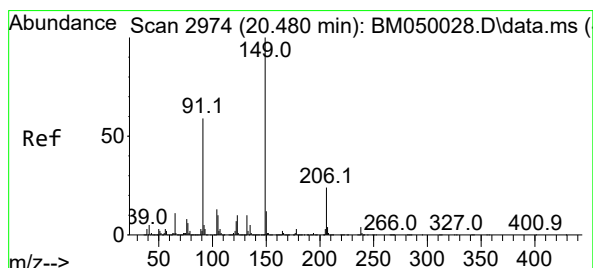
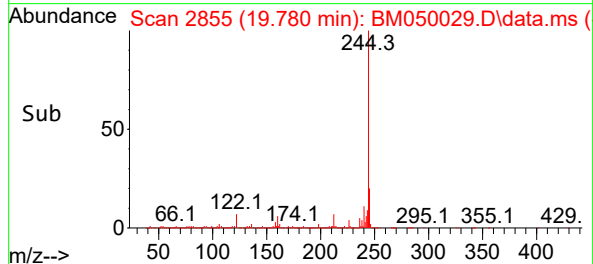
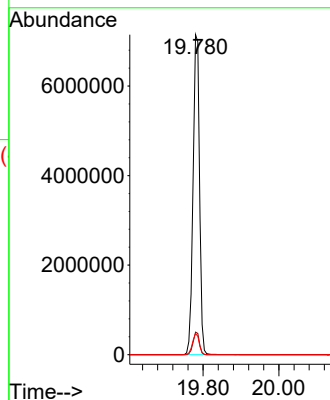
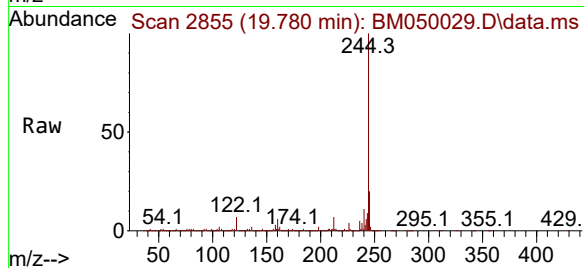




#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

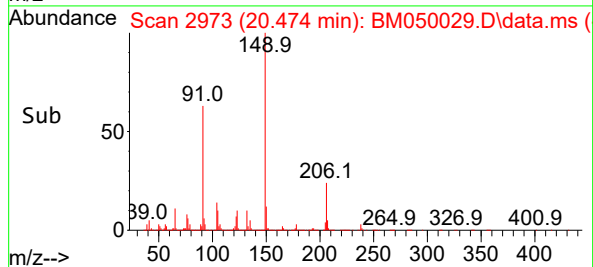
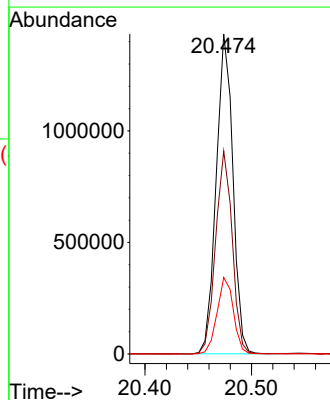
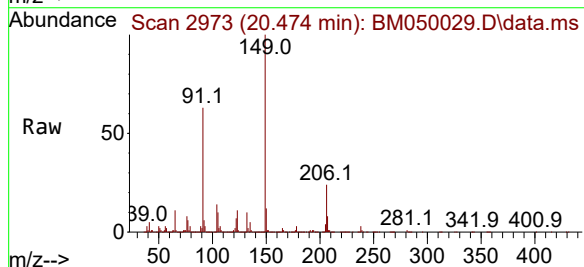
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

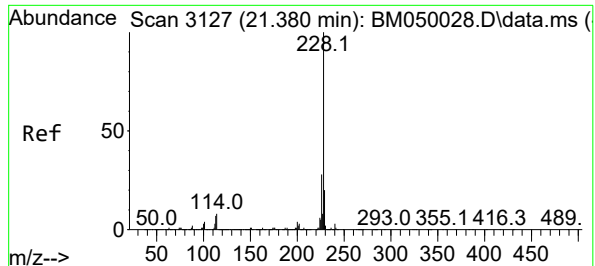
Tgt Ion:244 Resp: 8457811
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463
Ion Ratio Lower Upper
149 100
91 63.4 47.4 71.2
206 23.9 19.4 29.0

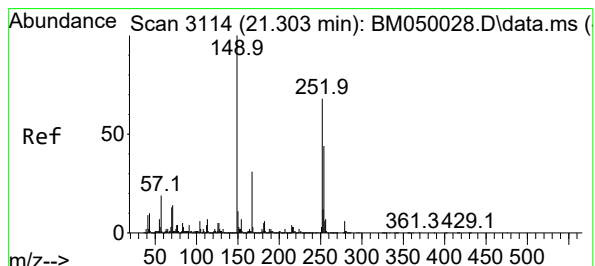
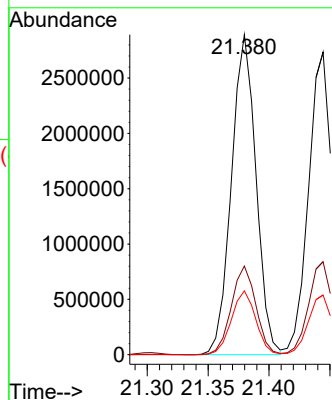
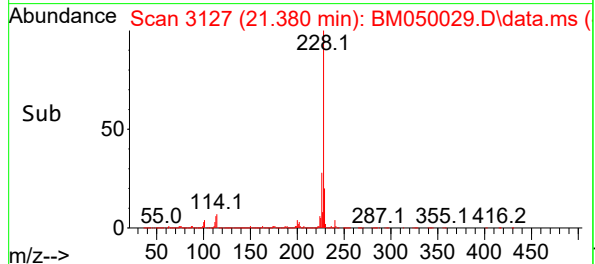
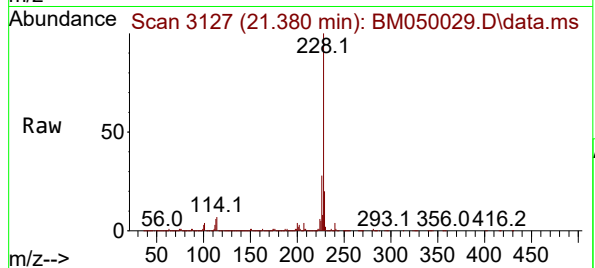




#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

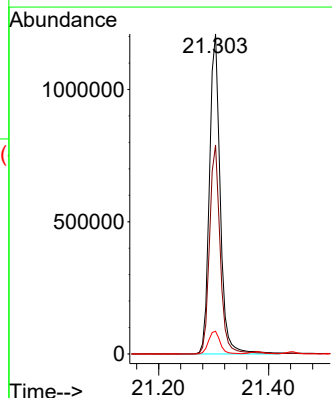
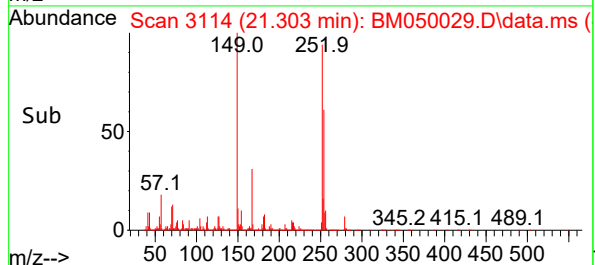
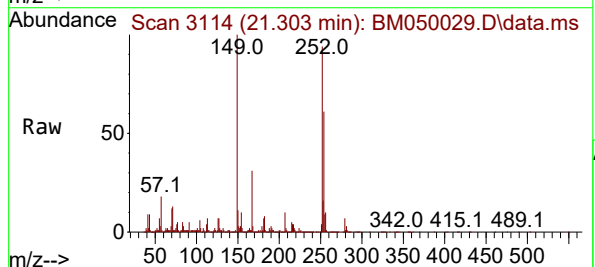
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

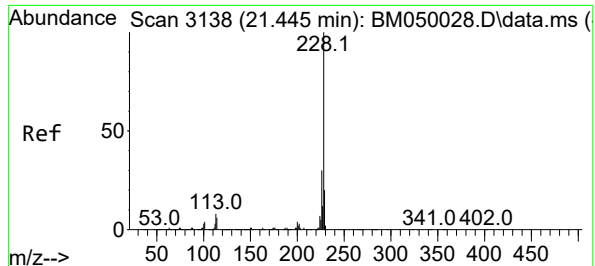
Tgt Ion:228 Resp: 4058011
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 7.1 6.0 9.0

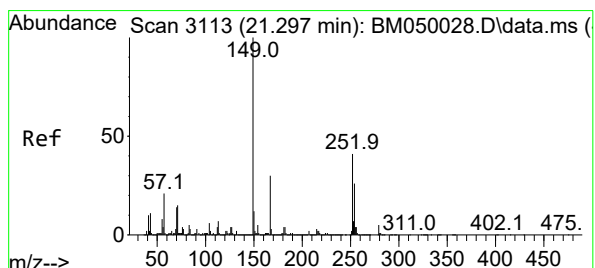
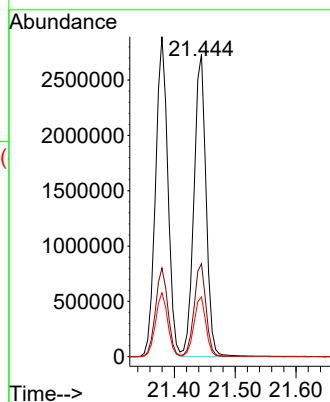
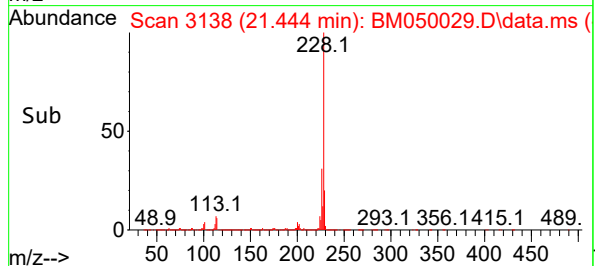
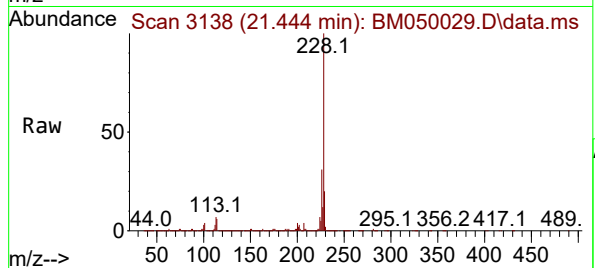




#83
Chrysene
Concen: 53.683 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

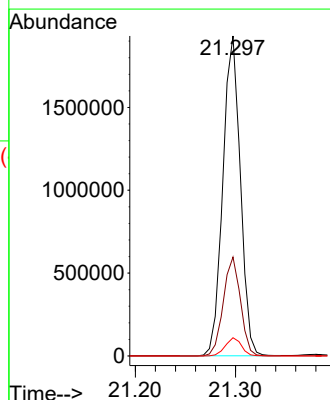
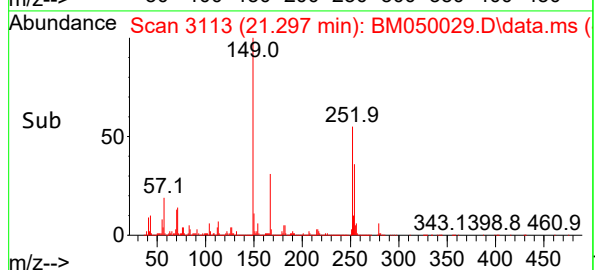
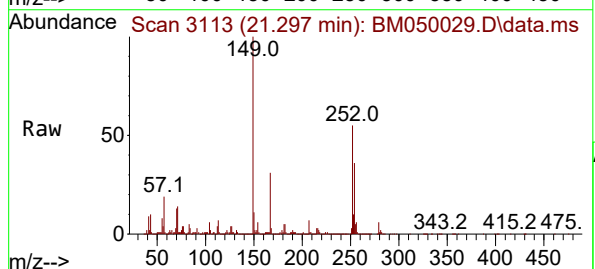
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

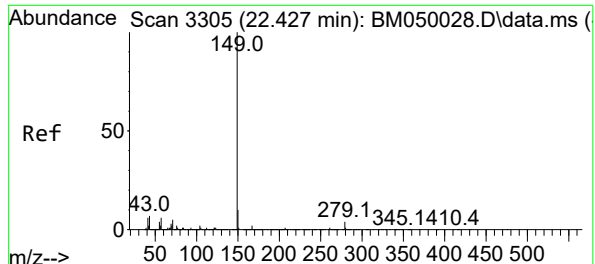
Tgt Ion:228 Resp: 3755543
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.194 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2336926
Ion Ratio Lower Upper
149 100
167 30.9 24.1 36.1
279 5.7 3.9 5.9

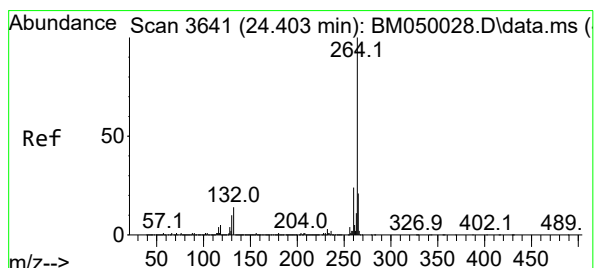
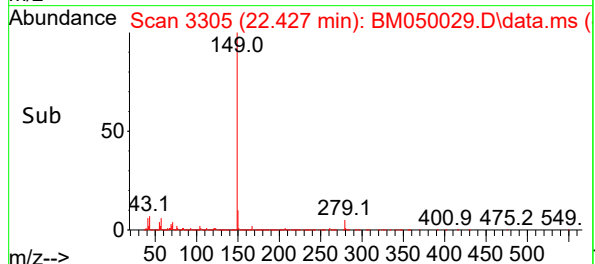
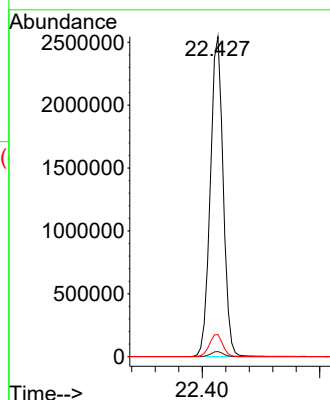
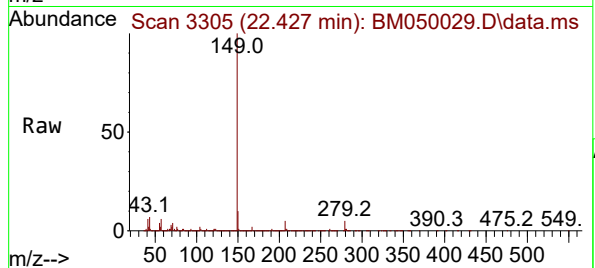




#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

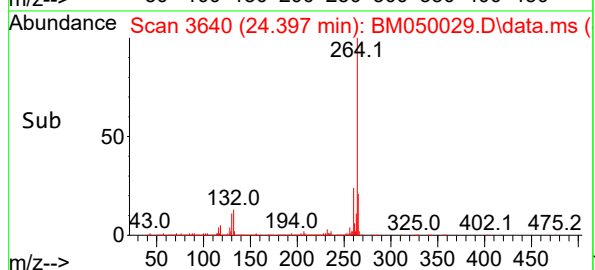
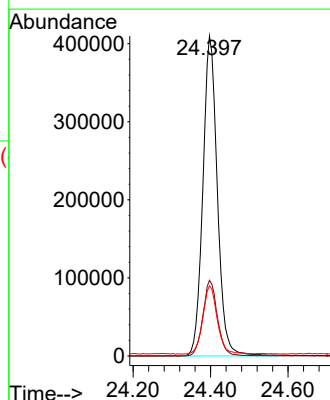
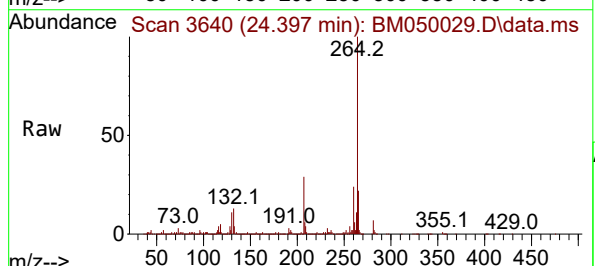
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

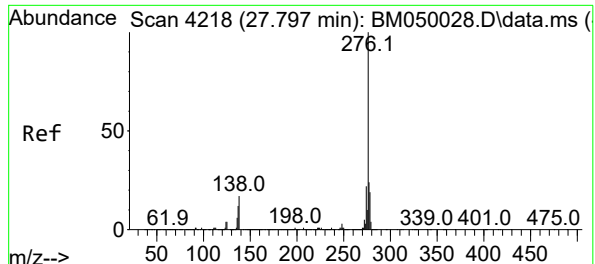
Tgt Ion:149 Resp: 3852190
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.9 17.0 25.4

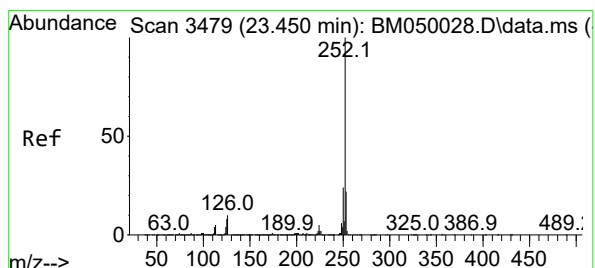
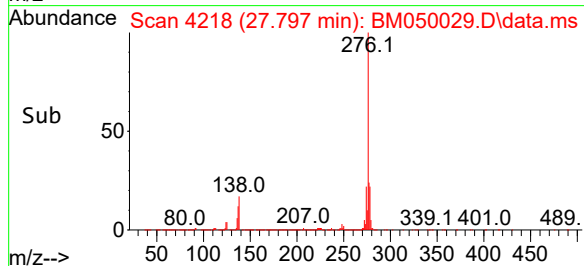
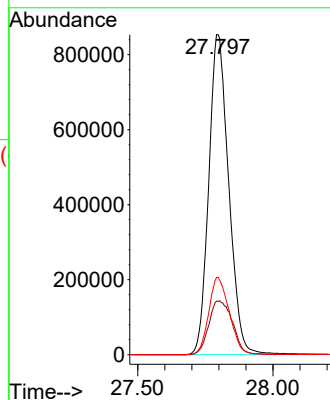
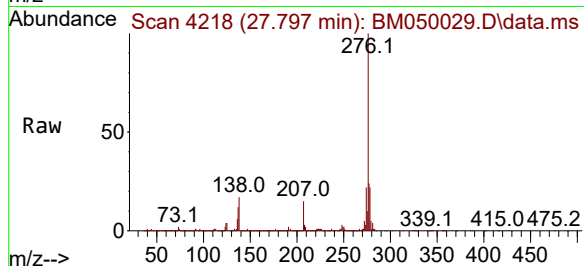




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4218
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

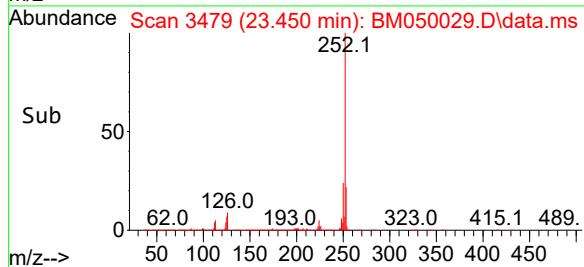
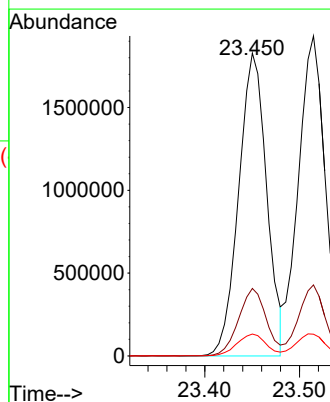
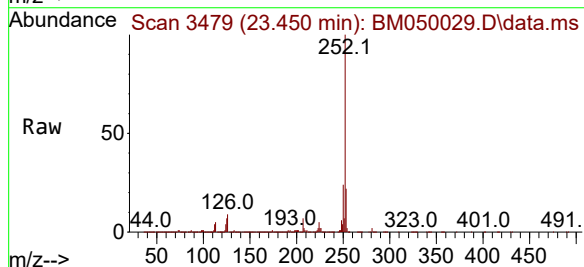
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

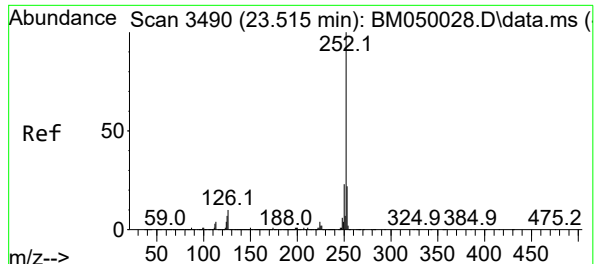
Tgt Ion:276 Resp: 4369253
Ion Ratio Lower Upper
276 100
138 20.1 16.4 24.6
277 24.9 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 55.037 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

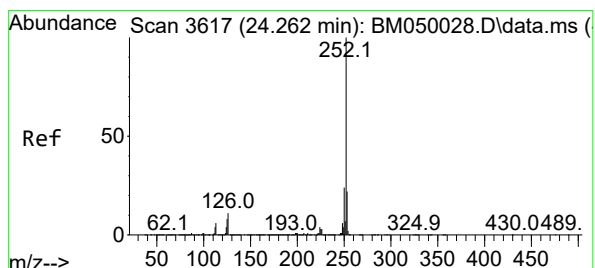
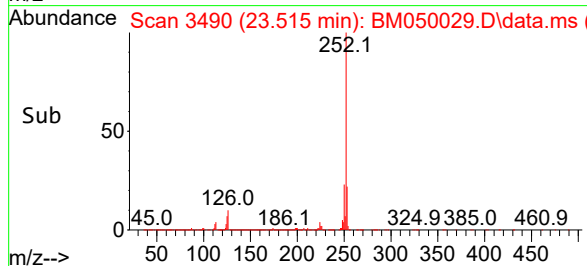
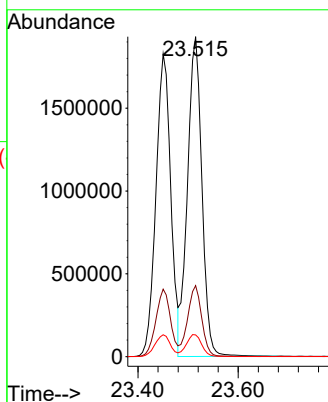
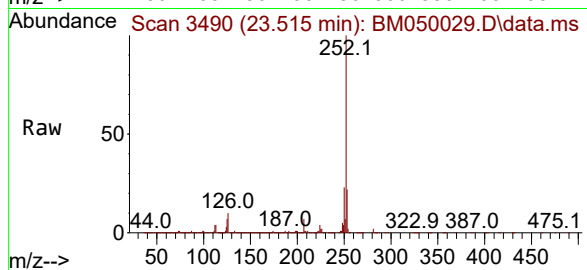
Tgt Ion:252 Resp: 3844095

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.8 5.8 8.8



#90

Benzo(a)pyrene

Concen: 54.588 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

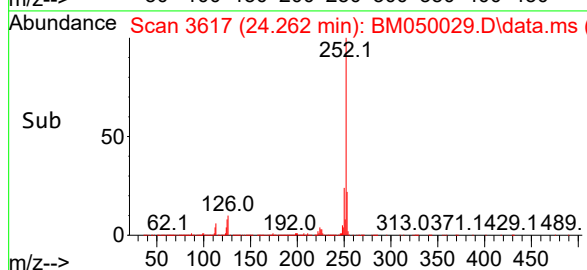
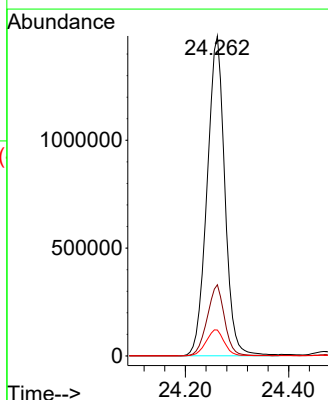
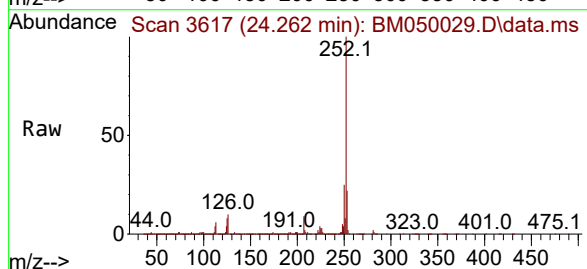
Tgt Ion:252 Resp: 3529489

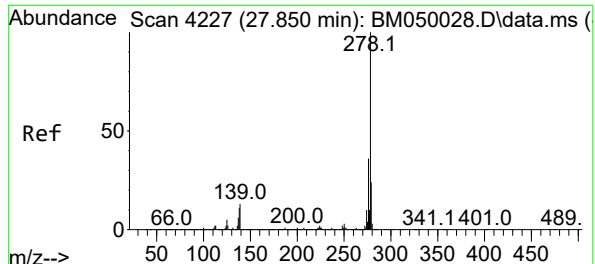
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.1 6.6 9.8

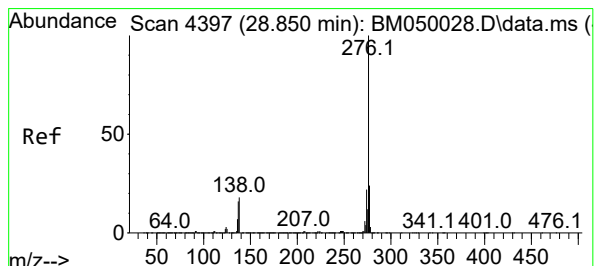
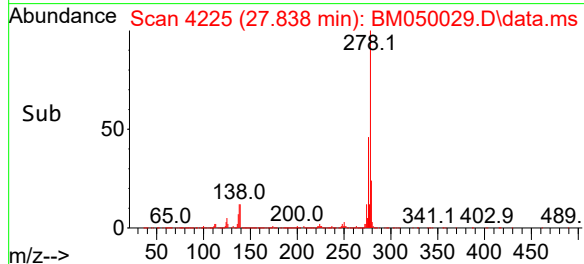
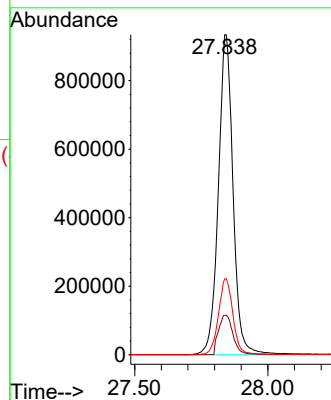
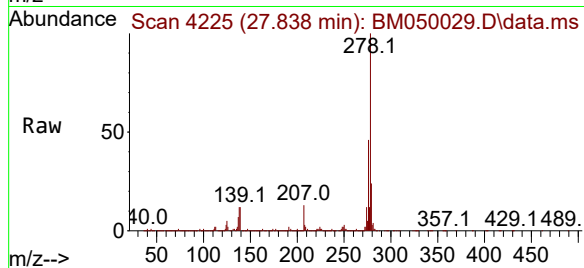




#91
Dibenzo(a,h)anthracene
Concen: 55.448 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

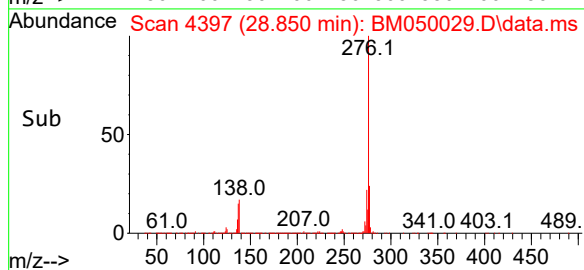
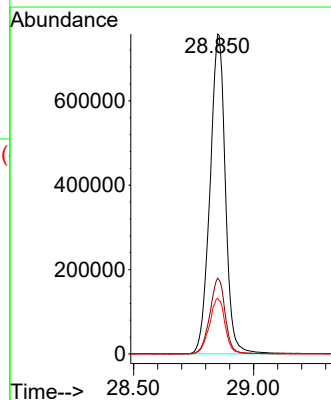
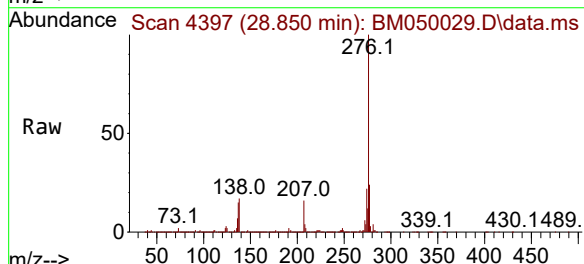
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3575099
Ion Ratio Lower Upper
278 100
139 12.3 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 54.494 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:276 Resp: 3363778
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.3 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng	0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng	0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng	0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng	0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng	99
3) Pyridine	3.658	79	923444	61.631	ng	99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng	98
6) Aniline	7.098	93	1339587	62.058	ng	100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng	99
9) Benzaldehyde	6.910	77	683177	59.793	ng	99
10) Phenol	6.981	94	1072175	61.956	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng	98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng	100
17) 2-Methylphenol	8.228	107	705836	61.914	ng	99
18) Hexachloroethane	8.845	117	380742	60.018	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng	100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng	97
22) Acetophenone	8.592	105	1325893	61.030	ng	# 99
24) Nitrobenzene	8.969	77	938300	61.193	ng	99
25) Isophorone	9.498	82	1845274	61.044	ng	99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng	99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng	100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng	100
31) Naphthalene	10.610	128	2682942	60.626	ng	100
32) Benzoic acid	9.928	122	556598	67.178	ng	98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng	99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng	99
35) Caprolactam	11.528	113	266678	62.845	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng	100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng	99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng	100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

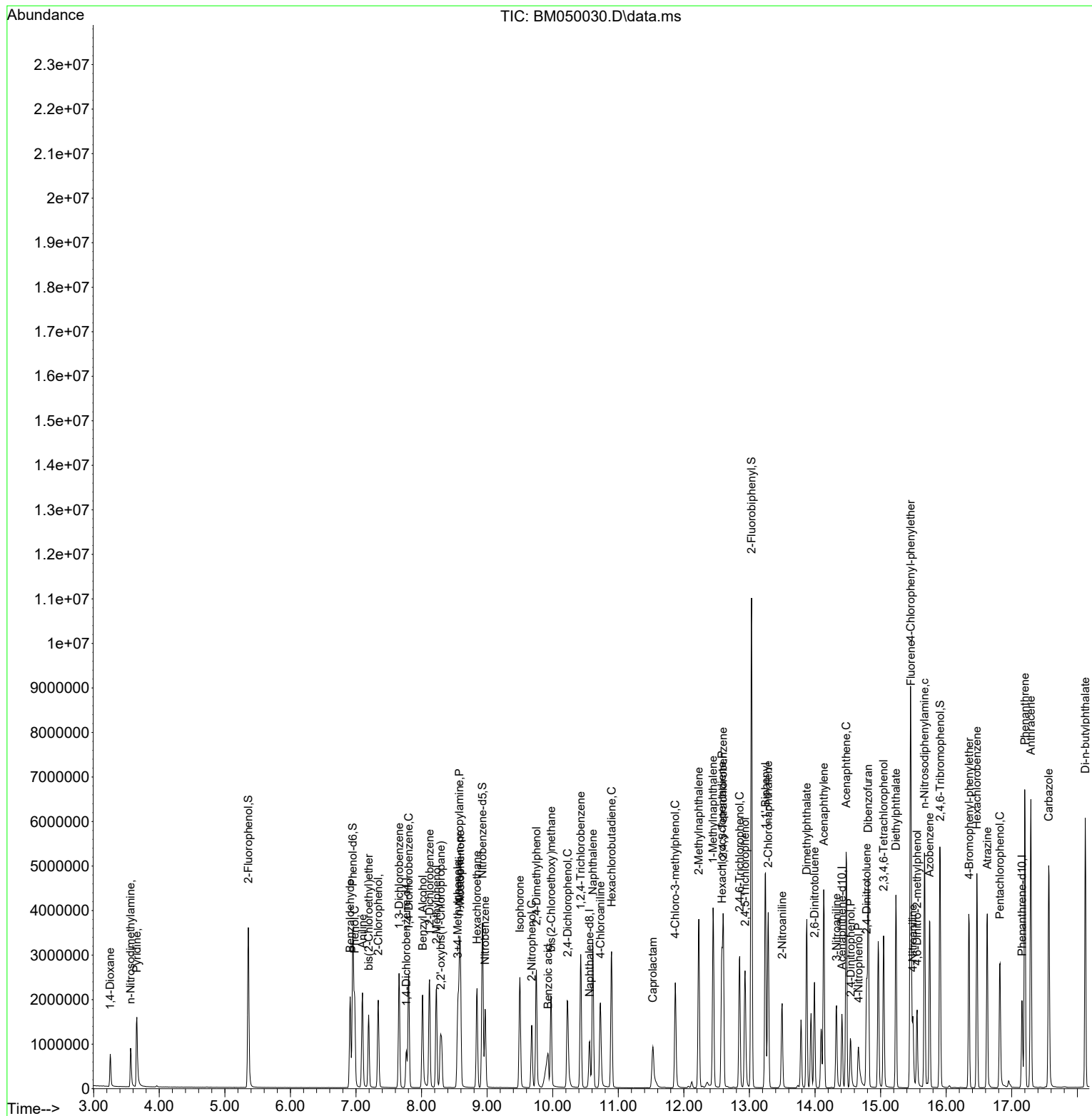
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng	99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng	99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng	100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng	99
49) Acenaphthylene	14.133	152	3292902	61.060	ng	100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng	100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng	99
52) Acenaphthene	14.474	154	1906973	61.089	ng	100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng	99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng	97
55) Dibenzofuran	14.810	168	3154566	60.738	ng	100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng	99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng	98
58) Fluorene	15.463	166	2614340	61.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng	98
60) Diethylphthalate	15.233	149	2397624	59.930	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1457099	62.403	ng	98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng	98
63) Azobenzene	15.745	77	2030208	60.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng	98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng	95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng	97
69) Atrazine	16.627	200	802538	63.312	ng	99
70) Pentachlorophenol	16.821	266	584874	65.136	ng	99
71) Phenanthrene	17.198	178	4028280	62.410	ng	99
72) Anthracene	17.292	178	4088295	62.590	ng	100
73) Carbazole	17.562	167	3562573	62.854	ng	100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng	100
75) Fluoranthene	19.215	202	4891273	64.546	ng	100
77) Benzidine	19.404	184	2626747	64.592	ng	100
78) Pyrene	19.580	202	5030035	62.565	ng	100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng	96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng	99
83) Chrysene	21.445	228	4549388	62.348	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	# 97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng	99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng	99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng	100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng	99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

TIC: BM050030.D\data.ms

Abundance

Time-->

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d4, S

Butylbenzylphthalate

Chrysene-d12

Chrysene

Benzo(a)anthracene

Di-n-octyl phthalate, c

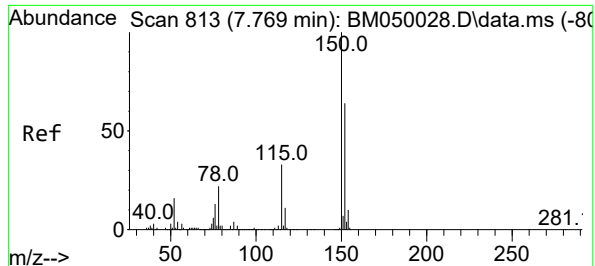
Benzo(a)pyrene

Benzo(a)pyrene, C

Perylene-d12, l

Indeno(1,2,3-cd)pyrene

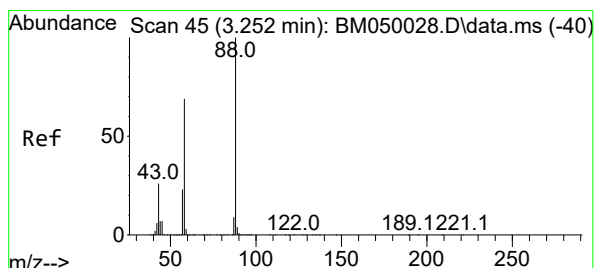
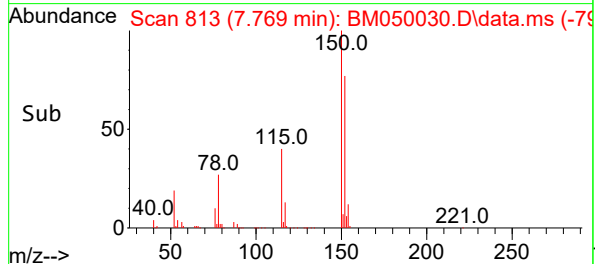
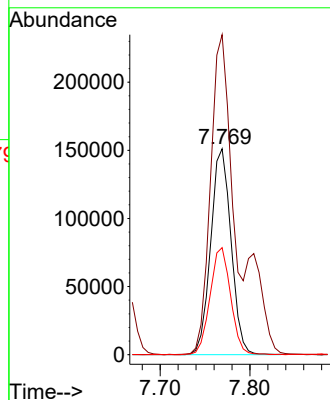
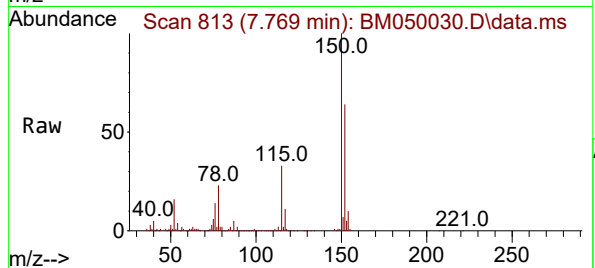
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

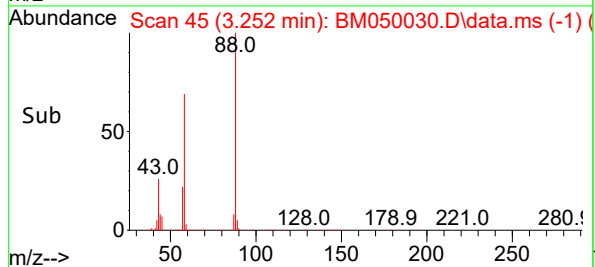
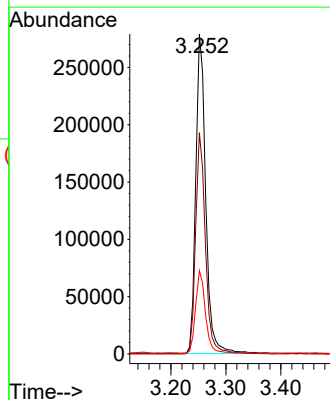
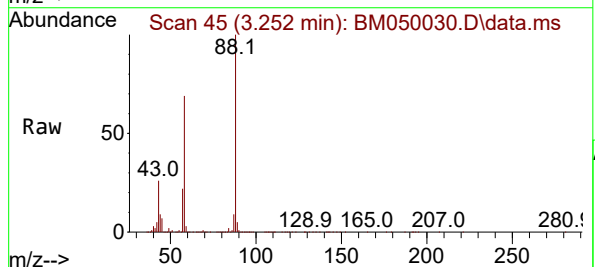
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

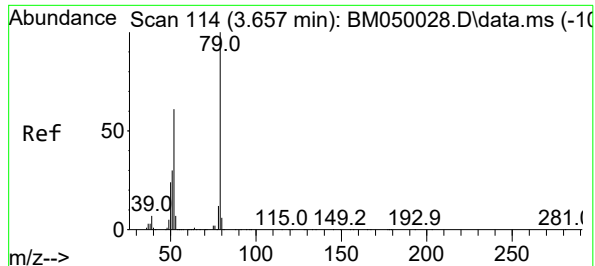
Tgt Ion:152 Resp: 238160
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 52.0 41.2 61.8



#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690
Ion Ratio Lower Upper
88 100
58 68.4 55.1 82.7
43 25.4 20.9 31.3

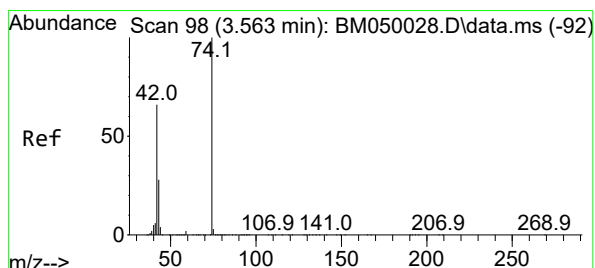
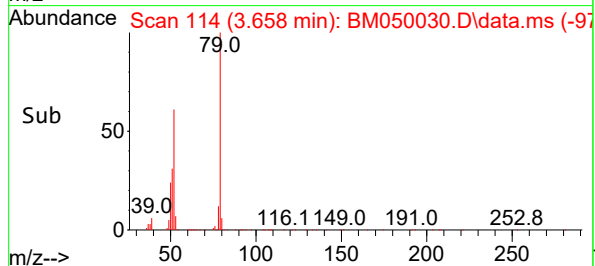
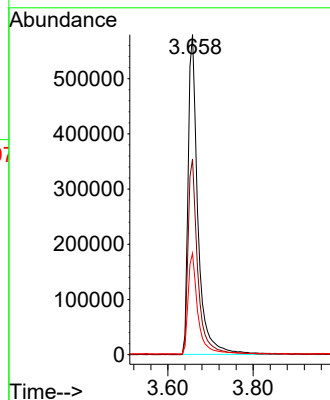
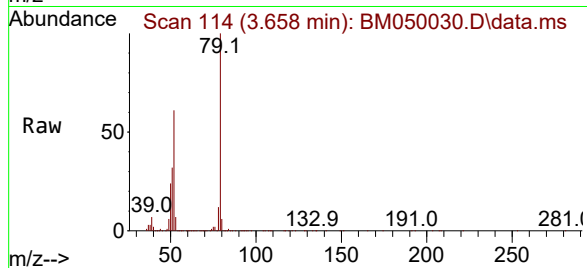




#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

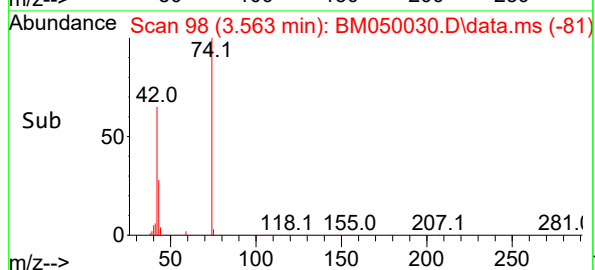
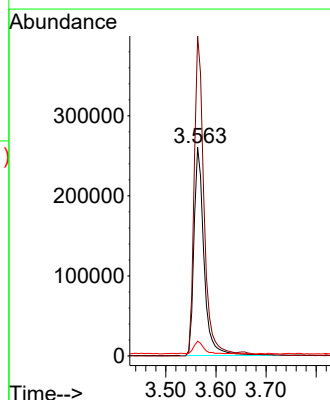
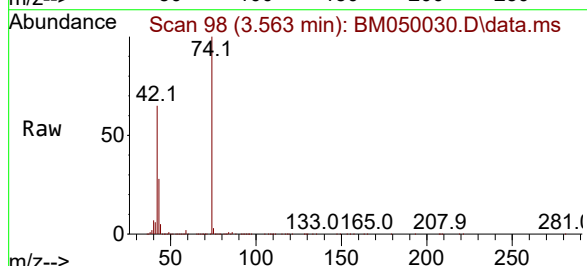
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

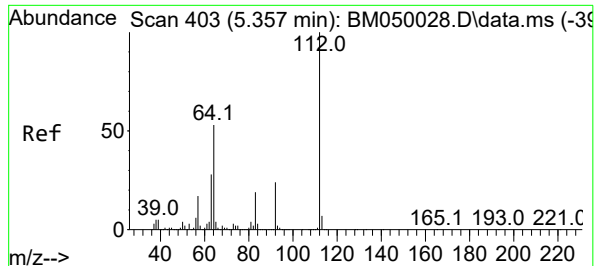
Tgt Ion: 79 Resp: 923444
Ion Ratio Lower Upper
79 100
52 61.2 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090
Ion Ratio Lower Upper
42 100
74 153.4 120.2 180.2
44 7.1 6.2 9.2





#5

2-Fluorophenol

Concen: 123.234 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

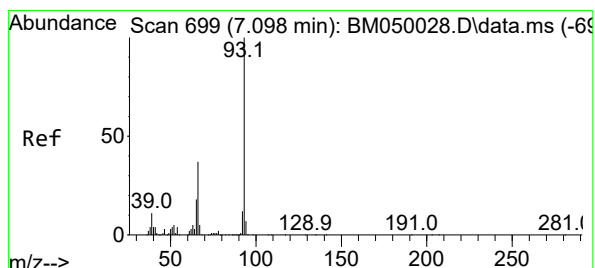
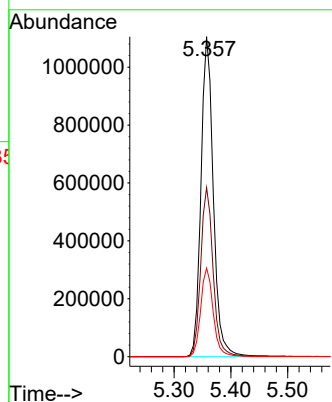
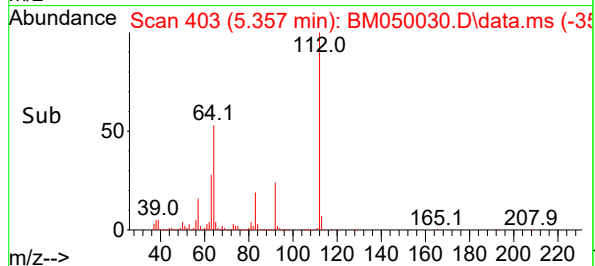
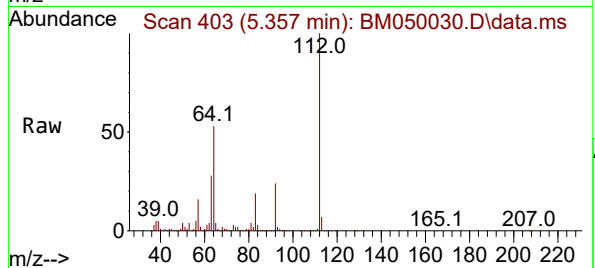
Tgt Ion:112 Resp: 1676078

Ion Ratio Lower Upper

112 100

64 52.8 42.6 64.0

63 27.7 22.2 33.4



#6

Aniline

Concen: 62.058 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

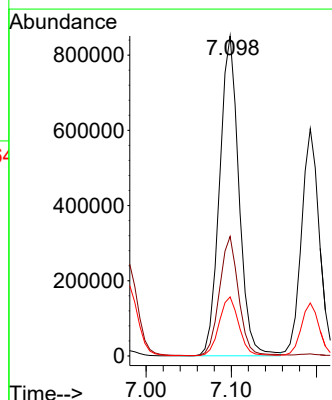
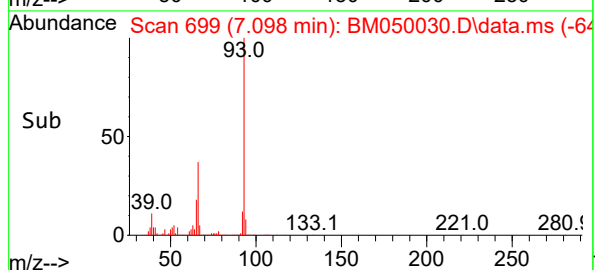
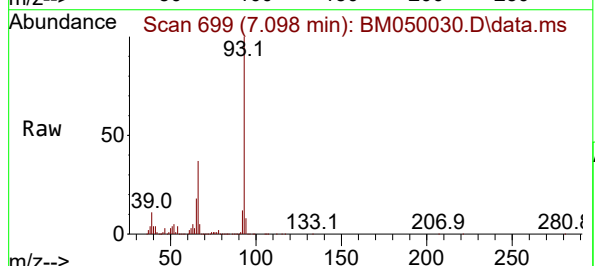
Tgt Ion: 93 Resp: 1339587

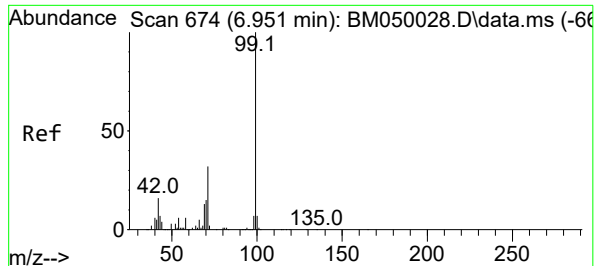
Ion Ratio Lower Upper

93 100

66 37.4 29.9 44.9

65 18.5 14.5 21.7





#7

Phenol-d6

Concen: 124.905 ng

RT: 6.951 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

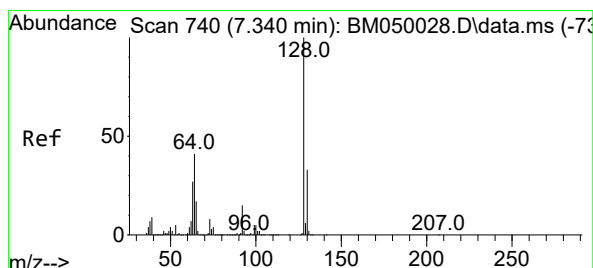
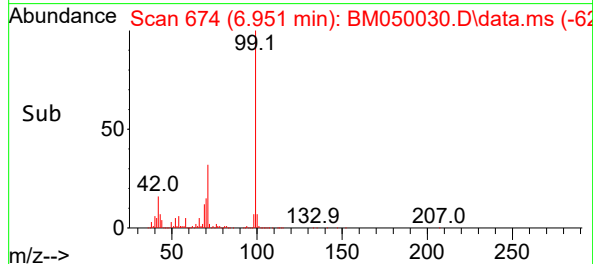
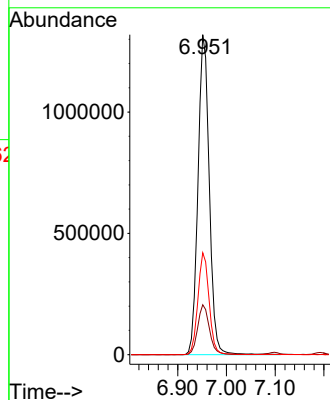
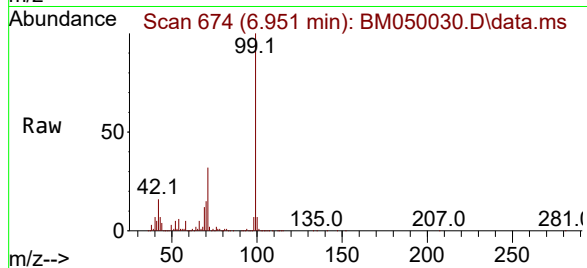
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 2135178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4



#8

2-Chlorophenol

Concen: 61.600 ng

RT: 7.340 min Scan# 740

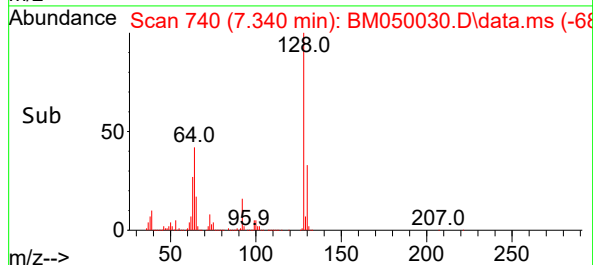
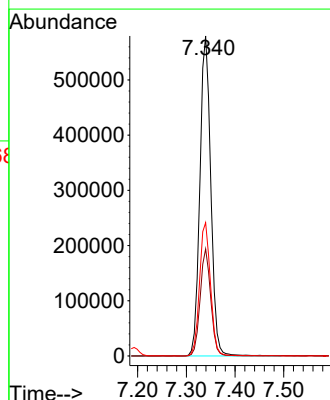
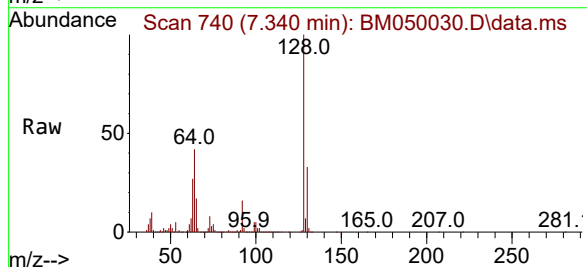
Delta R.T. 0.000 min

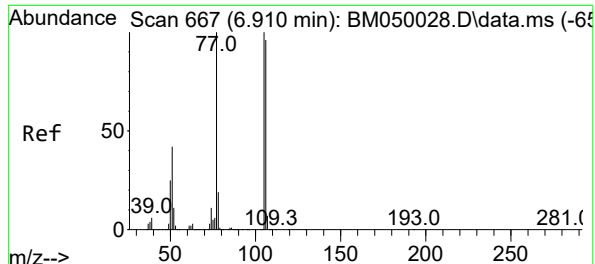
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 128 Resp: 905849

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.7	21.2	61.2

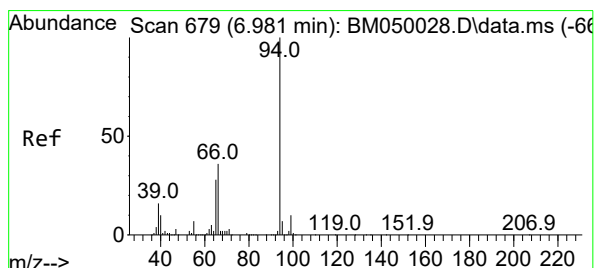
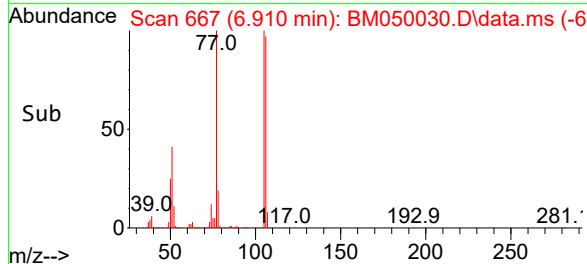
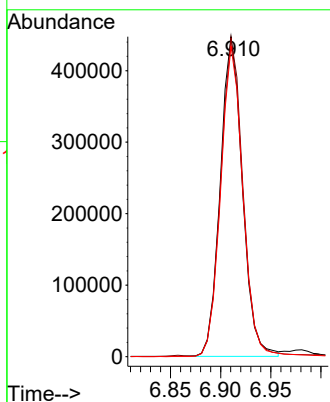
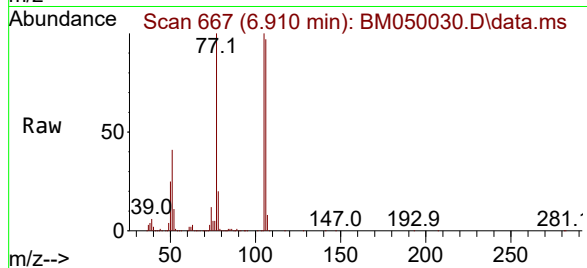




#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

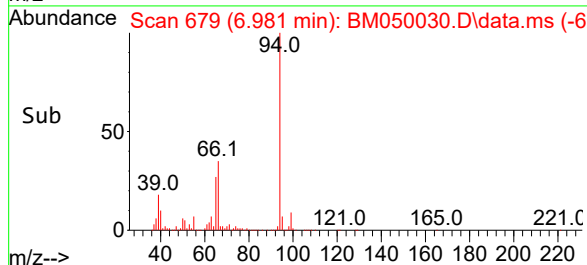
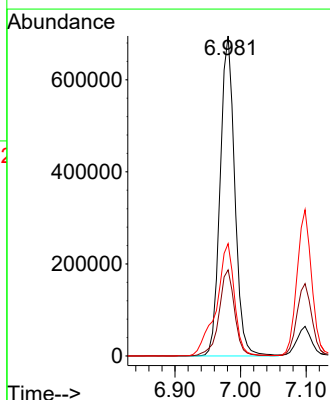
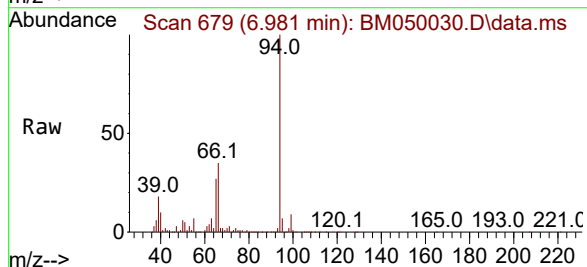
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

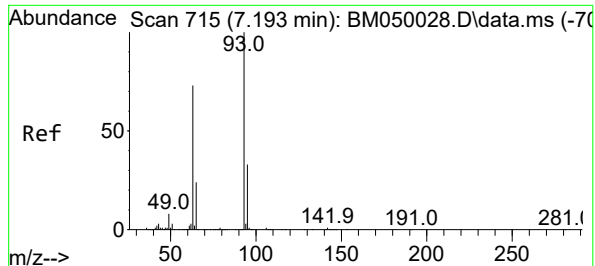
Tgt Ion: 77 Resp: 683177
Ion Ratio Lower Upper
77 100
105 99.6 80.5 120.5
106 97.1 76.1 116.1



#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175
Ion Ratio Lower Upper
94 100
65 26.9 7.6 47.6
66 35.1 15.8 55.8

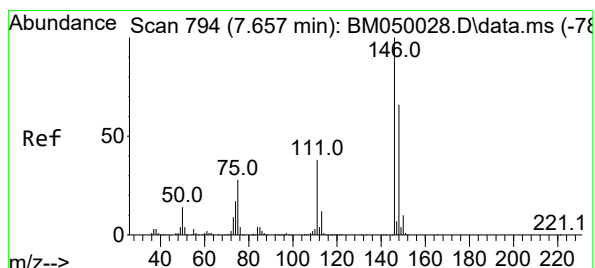
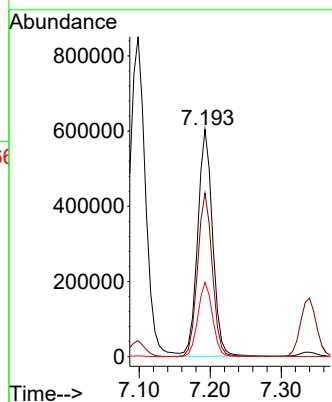
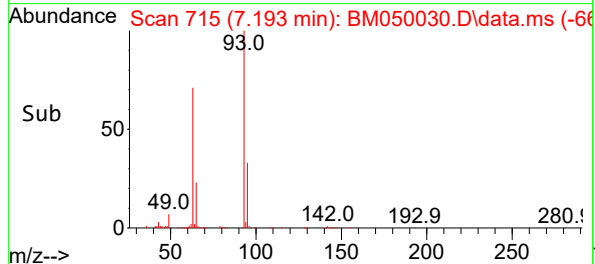
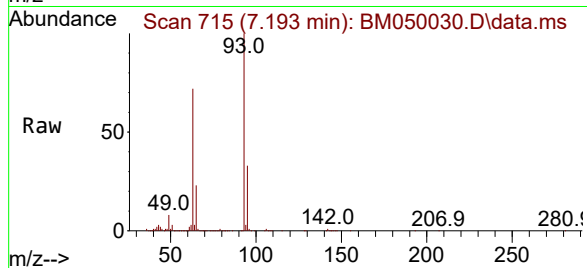




#11
bis(2-Chloroethyl)ether
Concen: 60.947 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

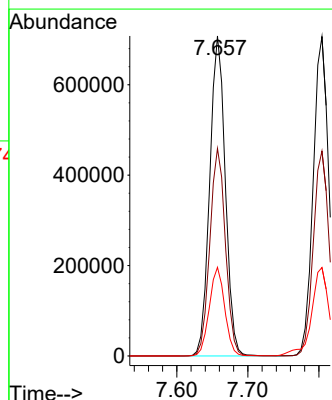
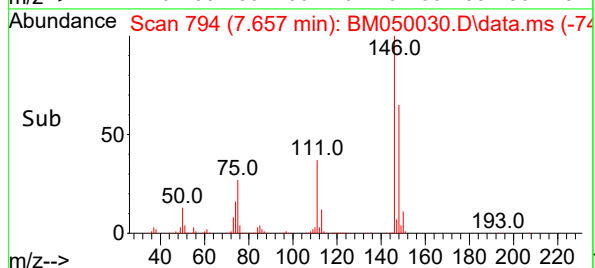
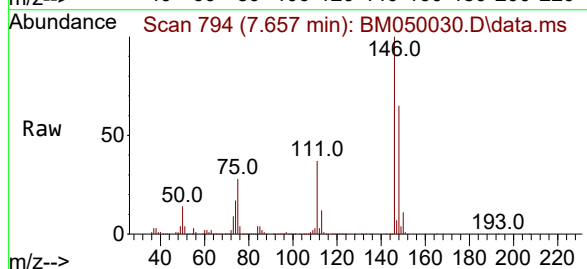
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

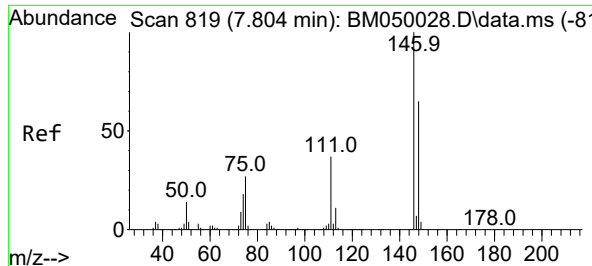
Tgt Ion: 93 Resp: 880705
Ion Ratio Lower Upper
93 100
63 72.0 52.3 92.3
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 60.670 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 146 Resp: 1077725
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 27.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 60.707 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

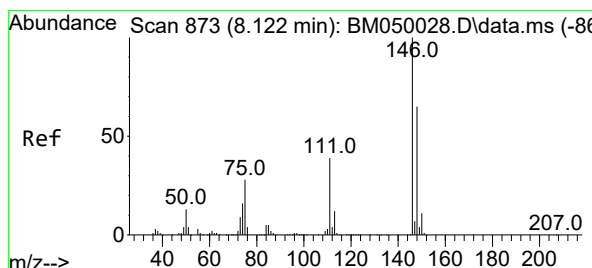
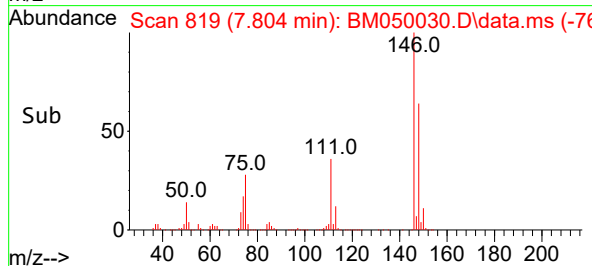
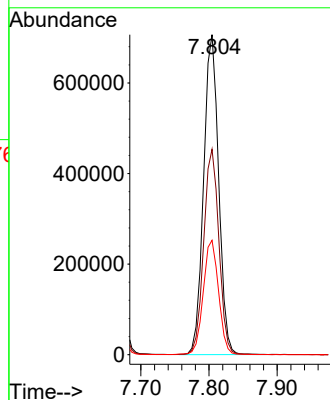
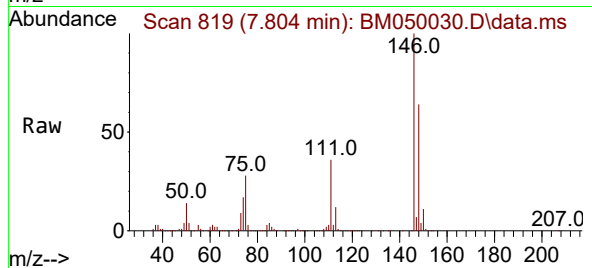
Tgt Ion:146 Resp: 1083367

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 35.7 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 60.691 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

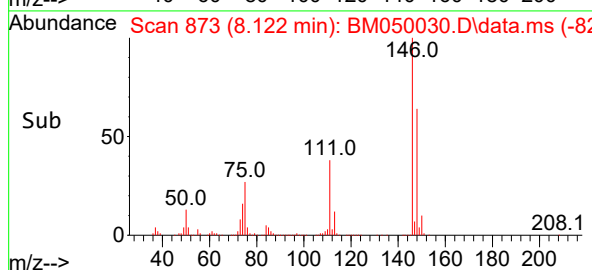
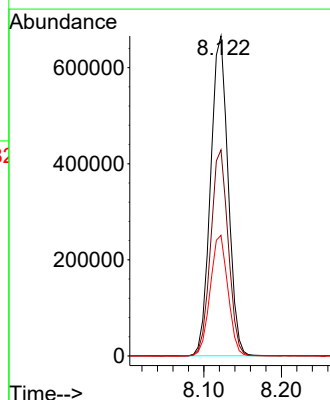
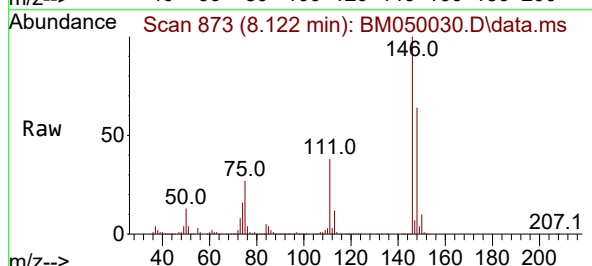
Tgt Ion:146 Resp: 1046214

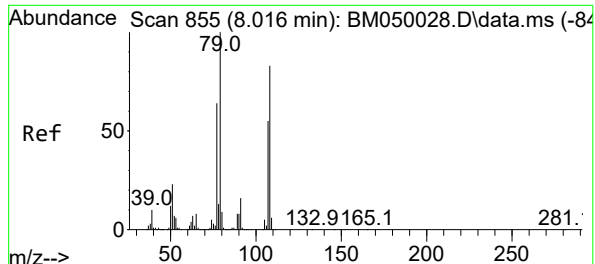
Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

111 37.7 31.0 46.6





#15

Benzyl Alcohol

Concen: 63.306 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

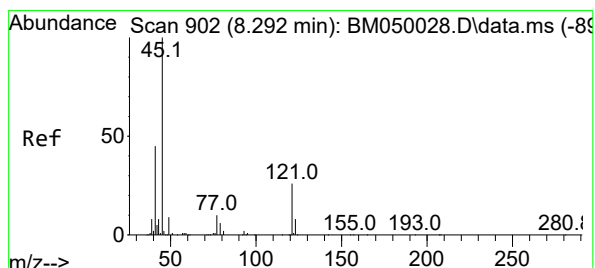
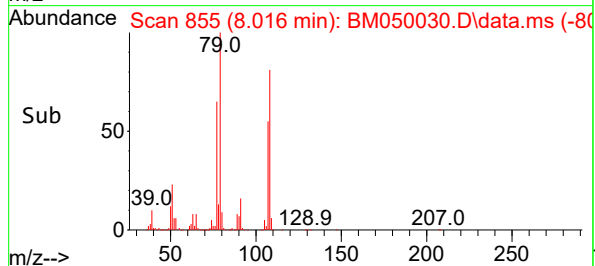
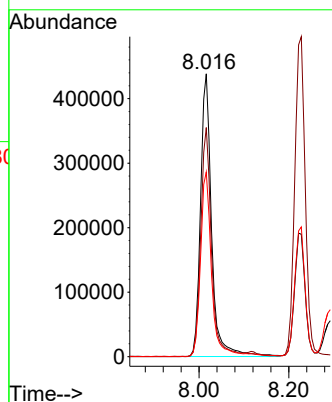
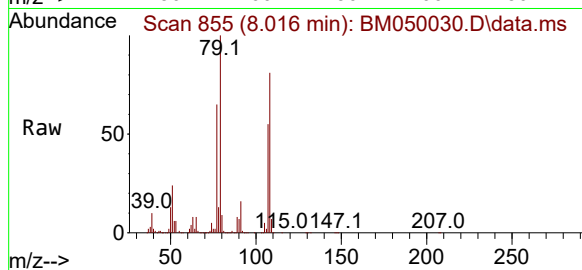
Tgt Ion: 79 Resp: 750490

Ion Ratio Lower Upper

79 100

108 81.0 66.0 99.0

77 65.3 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.922 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

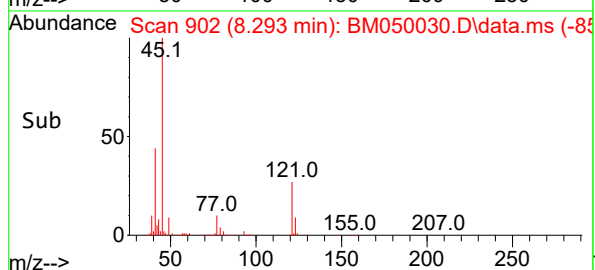
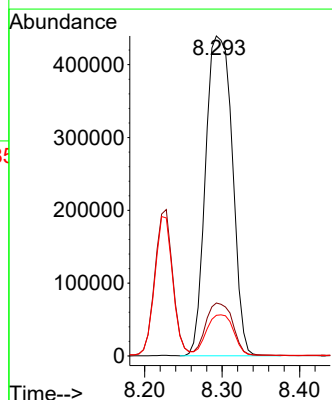
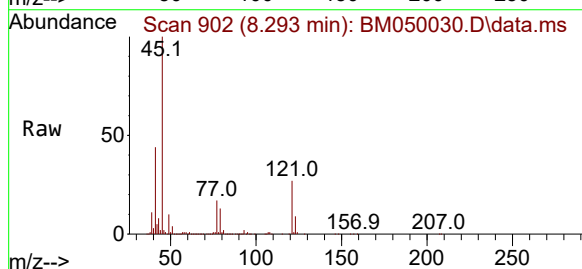
Tgt Ion: 45 Resp: 1052561

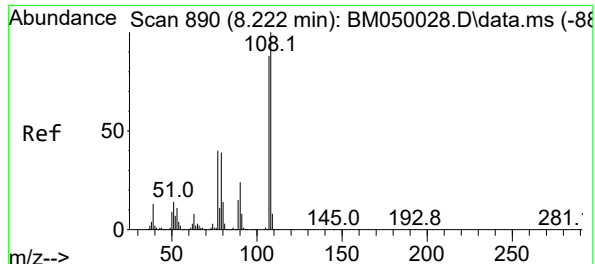
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 61.914 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

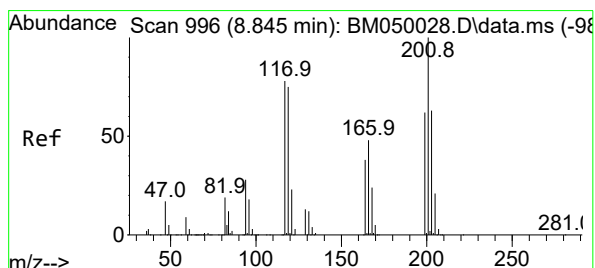
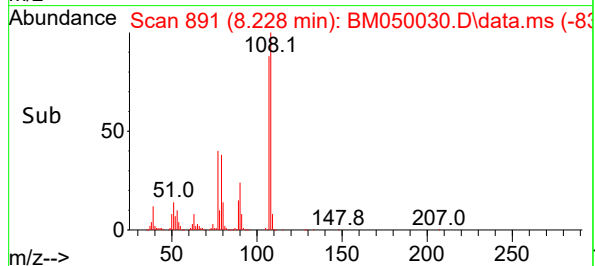
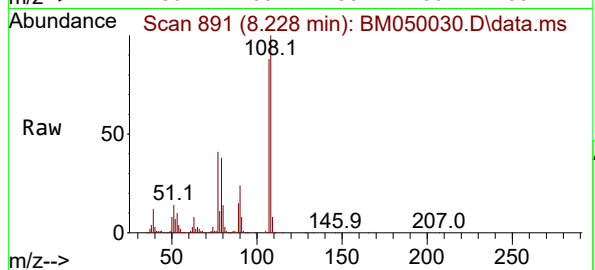
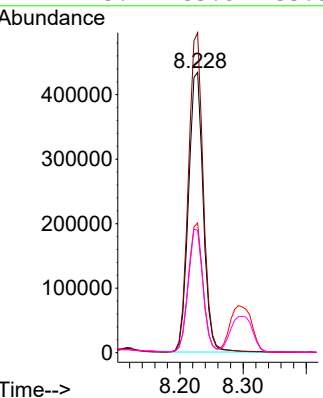
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8



#18

Hexachloroethane

Concen: 60.018 ng

RT: 8.845 min Scan# 996

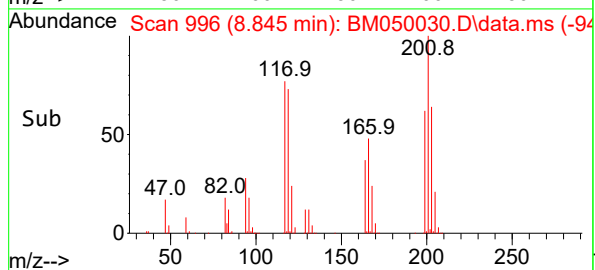
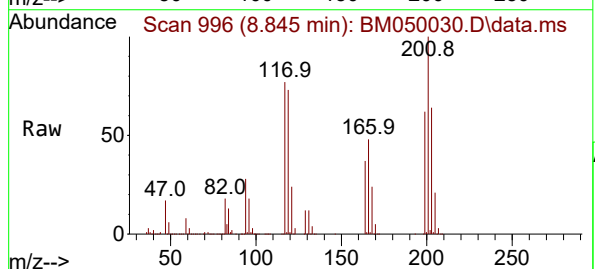
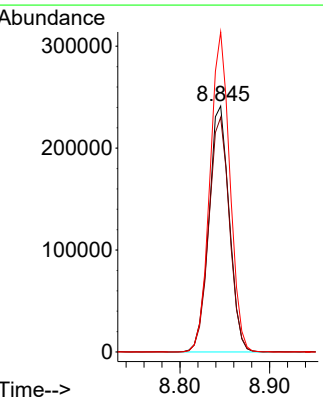
Delta R.T. 0.000 min

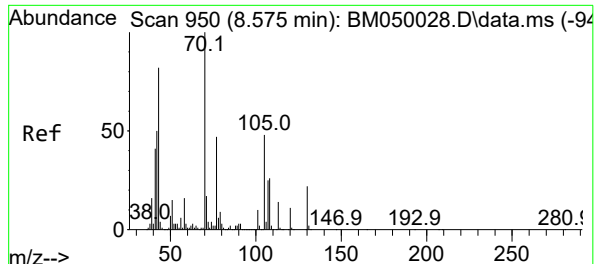
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.851 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 678107

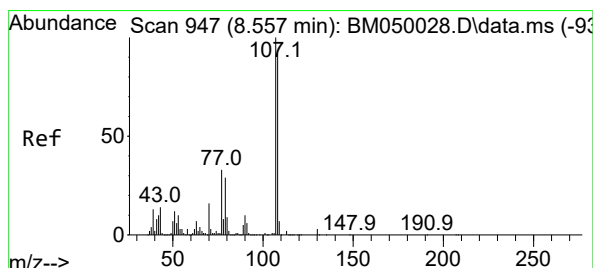
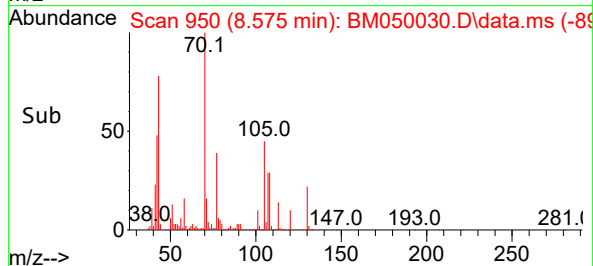
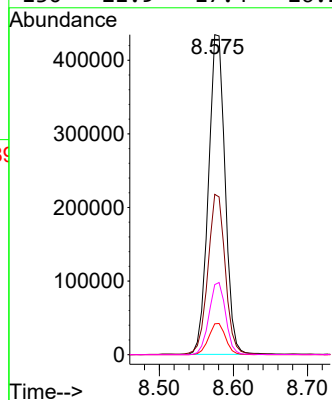
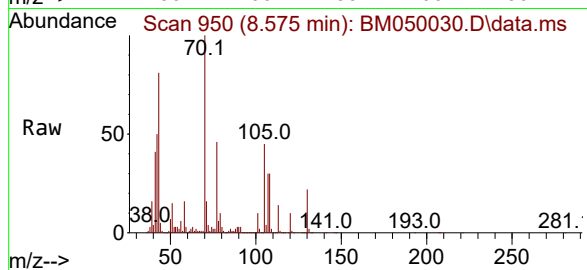
Ion Ratio Lower Upper

70 100

42 50.1 40.5 60.7

101 9.7 7.8 11.6

130 21.9 17.4 26.2



#20

3+4-Methylphenols

Concen: 62.619 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 107 Resp: 964063

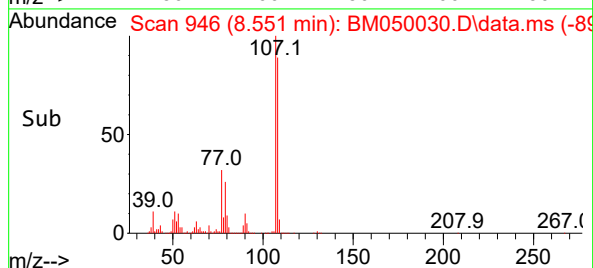
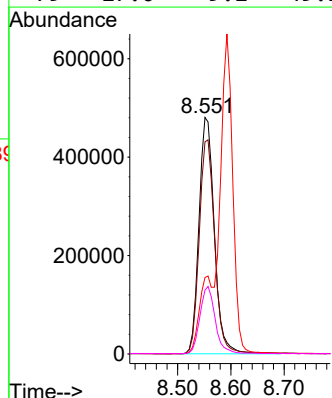
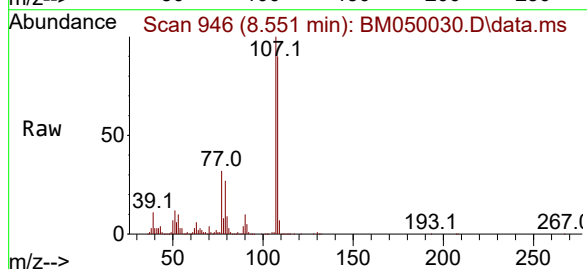
Ion Ratio Lower Upper

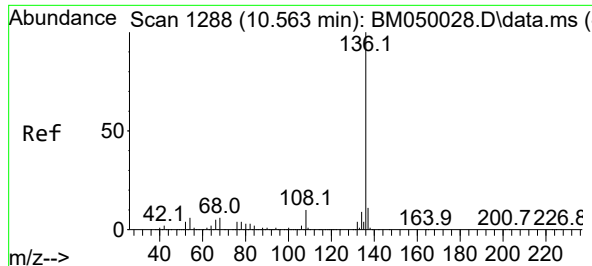
107 100

108 89.8 72.4 112.4

77 32.4 13.6 53.6

79 27.0 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 873845

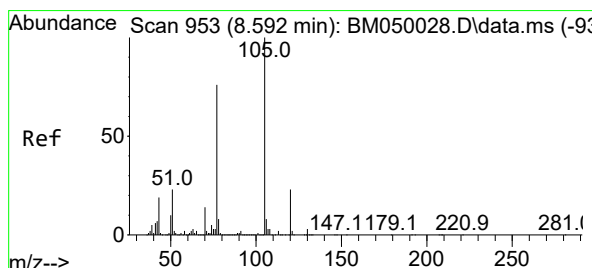
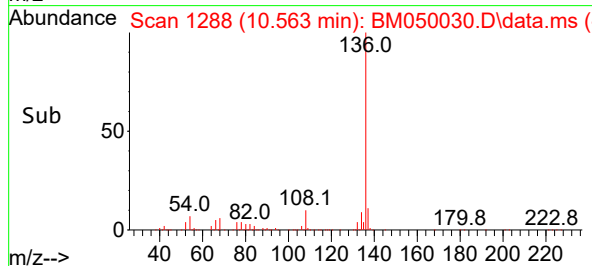
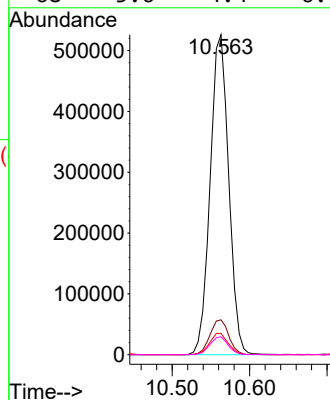
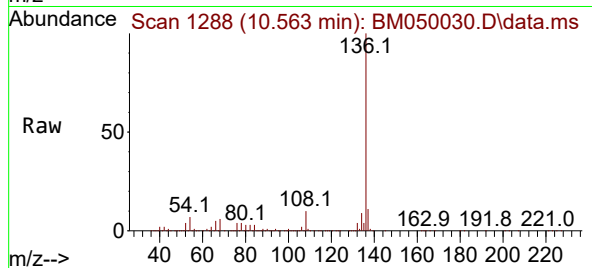
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 61.030 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

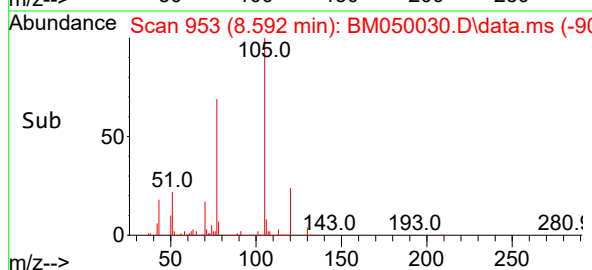
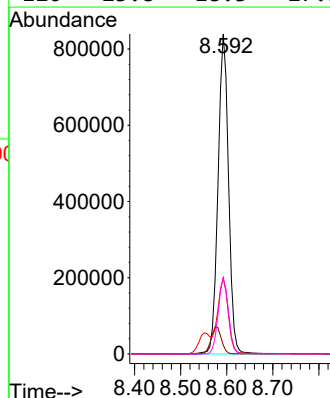
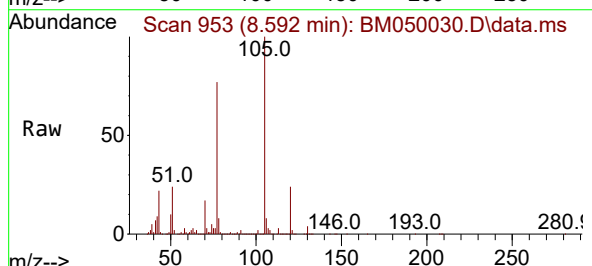
Ion Ratio Lower Upper

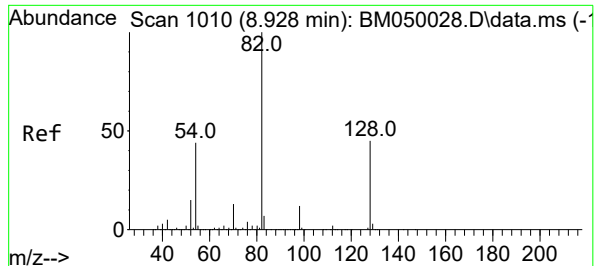
105 100

71 2.8 1.7 2.5#

51 23.7 18.6 27.8

120 23.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 123.300 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

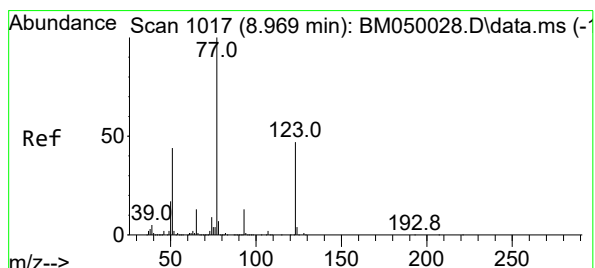
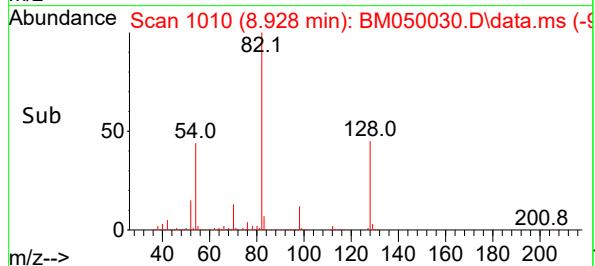
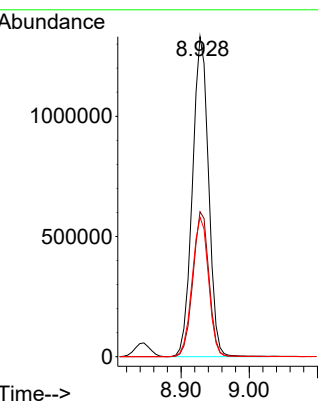
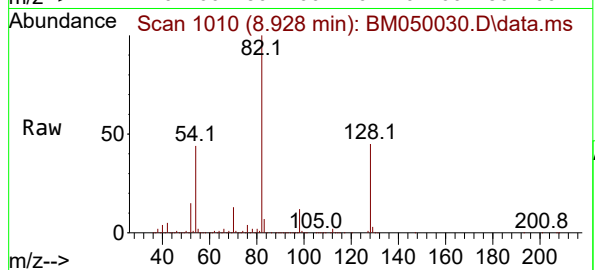
Tgt Ion: 82 Resp: 2186546

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

54 43.6 35.4 53.2



#24

Nitrobenzene

Concen: 61.193 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

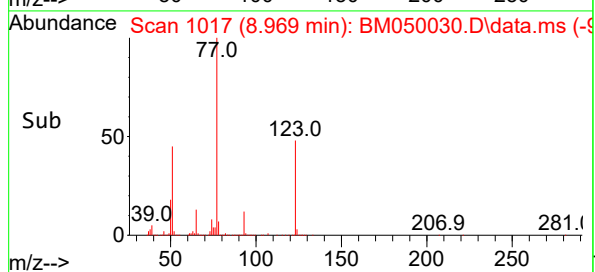
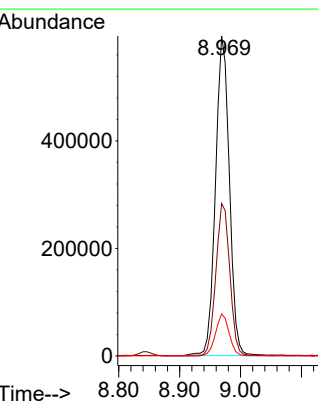
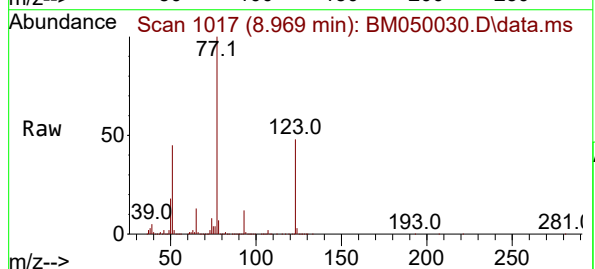
Tgt Ion: 77 Resp: 938300

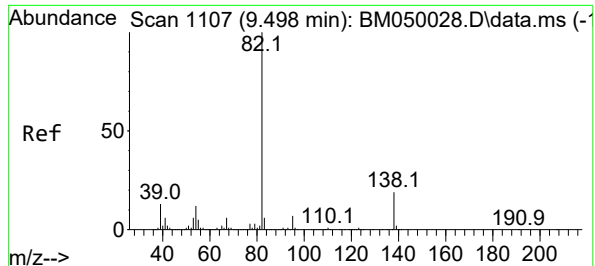
Ion Ratio Lower Upper

77 100

123 47.6 37.9 56.9

65 13.2 10.1 15.1

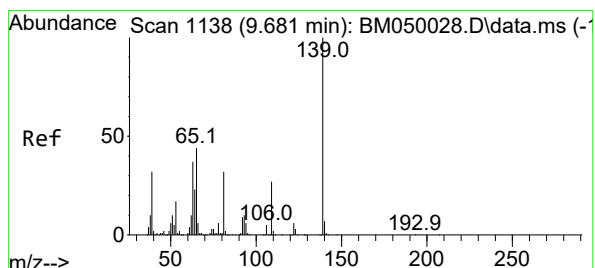
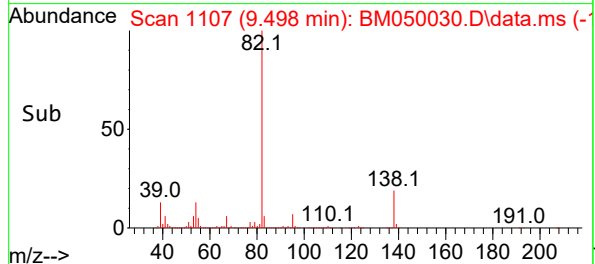
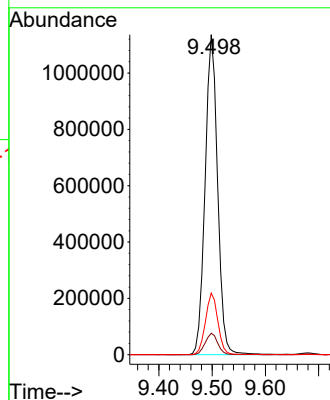
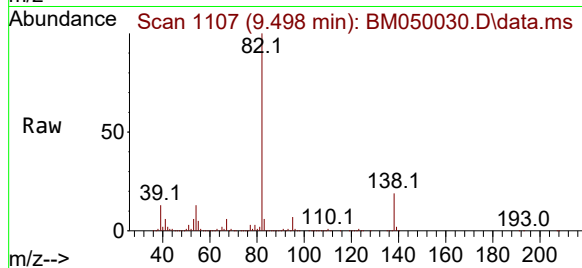




#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

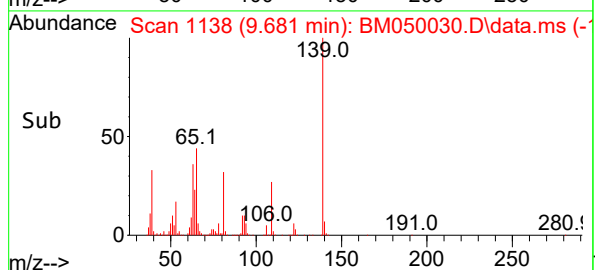
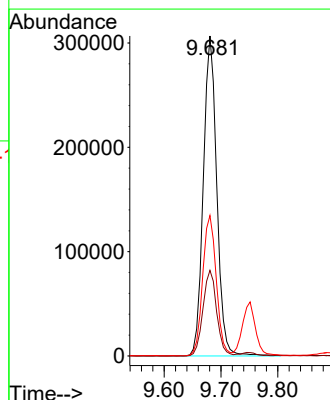
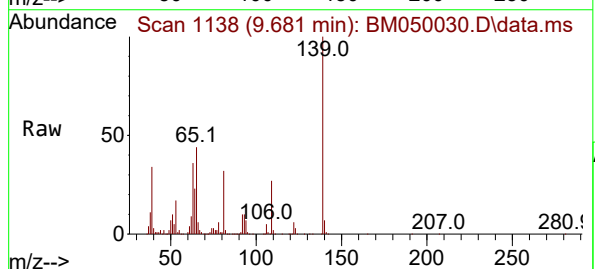
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

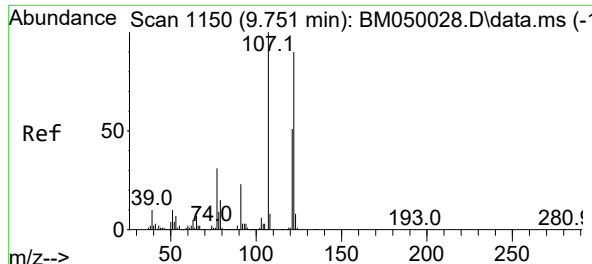
Tgt Ion: 82 Resp: 1845274
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.2 15.5 23.3



#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 139 Resp: 504441
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 43.9 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 62.869 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

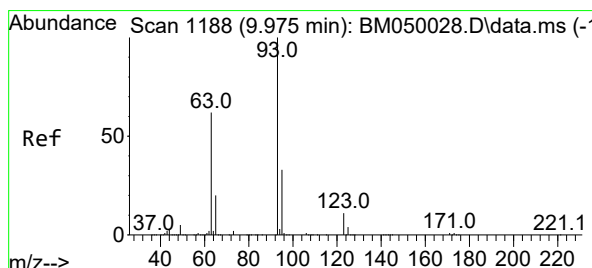
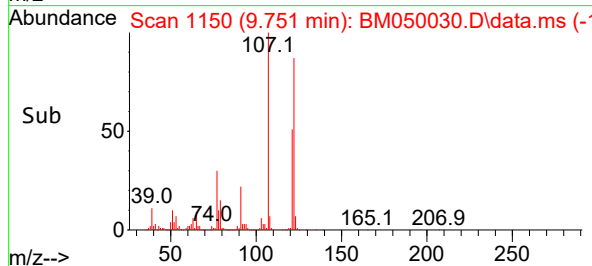
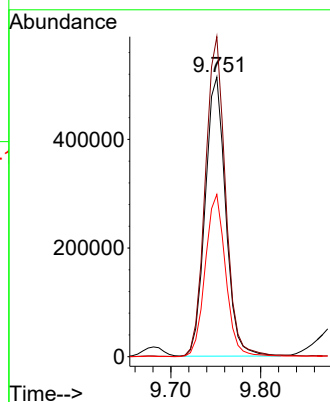
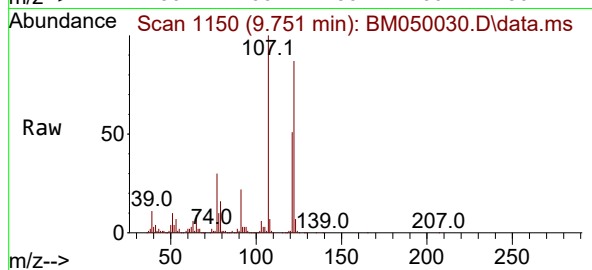
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 816717

Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	58.0	45.6	68.4



#28

bis(2-Chloroethoxy)methane

Concen: 60.958 ng

RT: 9.975 min Scan# 1188

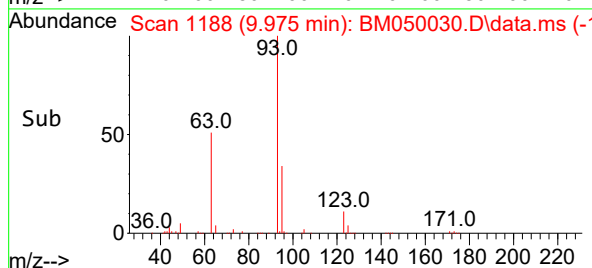
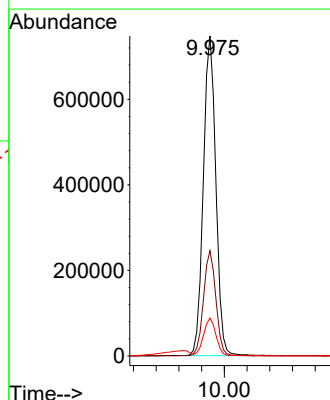
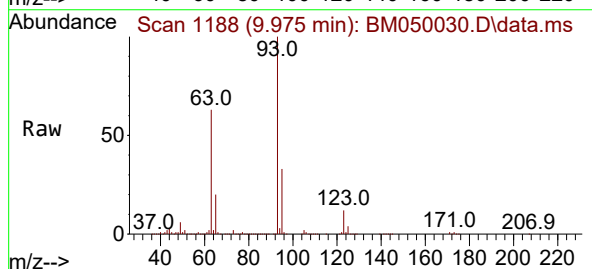
Delta R.T. 0.000 min

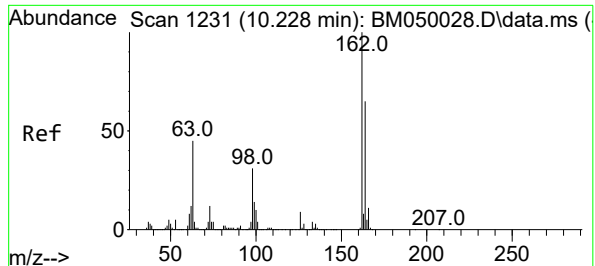
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1138921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 63.266 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

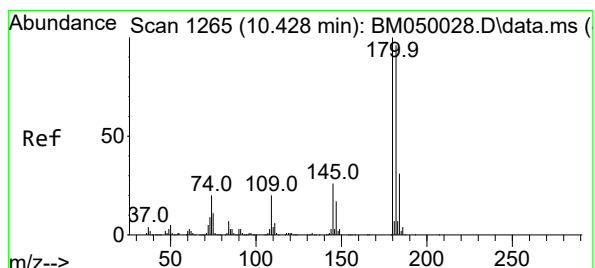
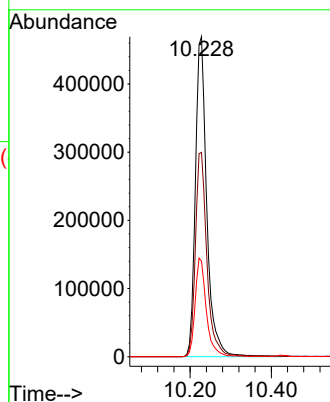
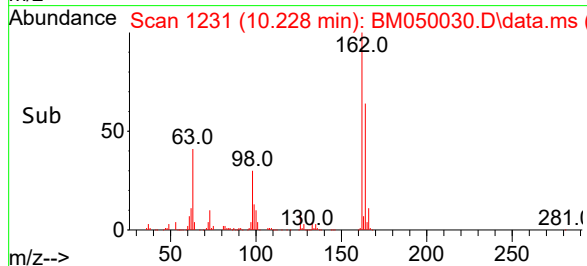
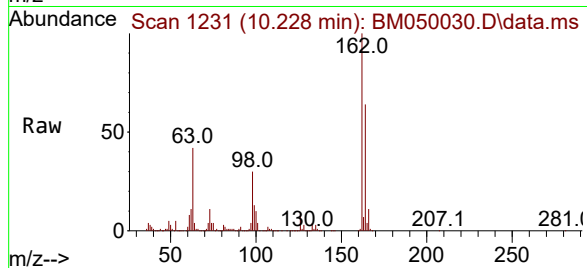
Tgt Ion:162 Resp: 920741

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 29.8 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 60.907 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

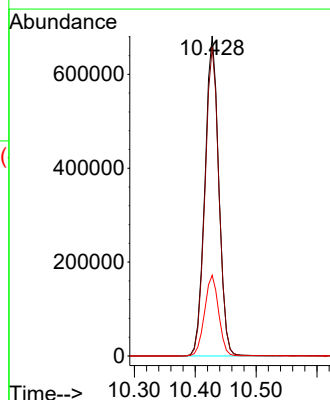
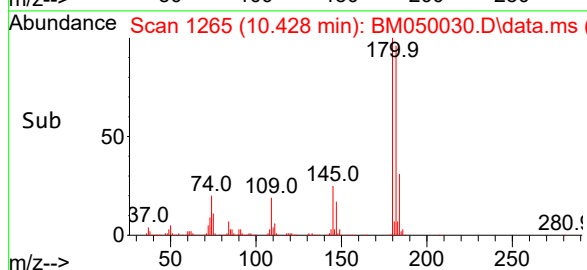
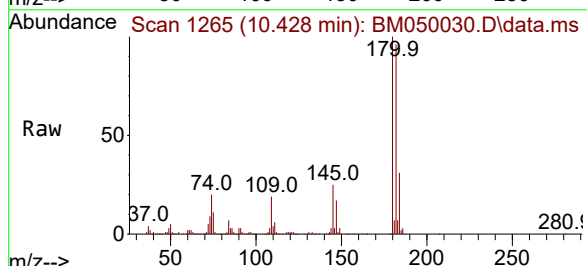
Tgt Ion:180 Resp: 1079970

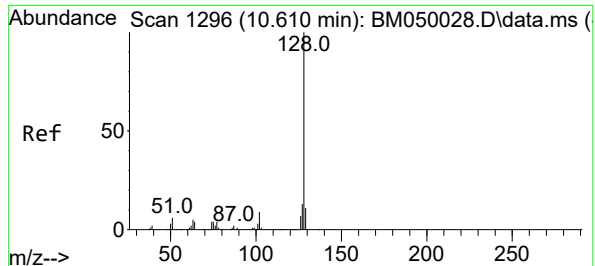
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 25.2 20.6 30.8

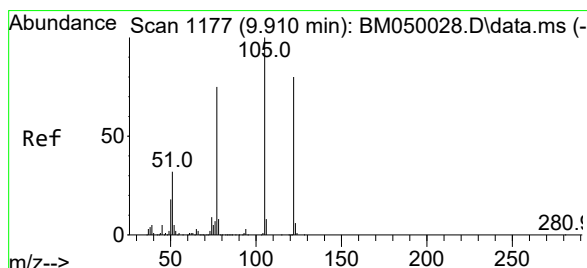
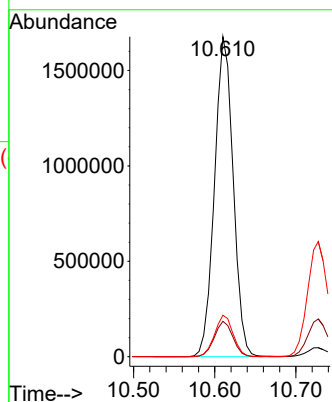
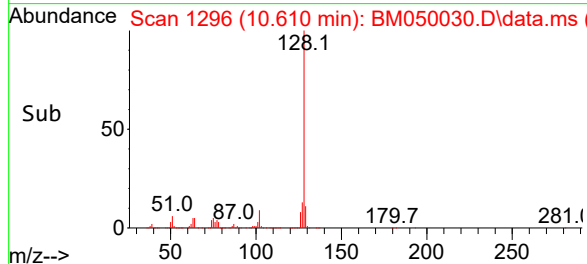
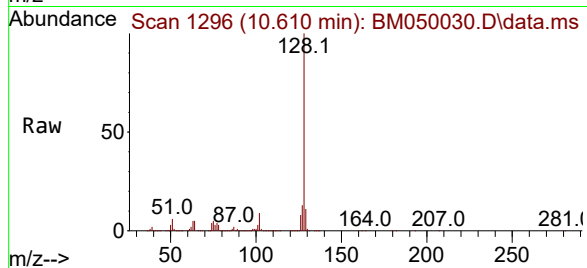




#31
Naphthalene
Concen: 60.626 ng
RT: 10.610 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

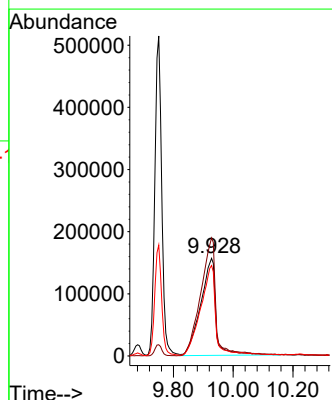
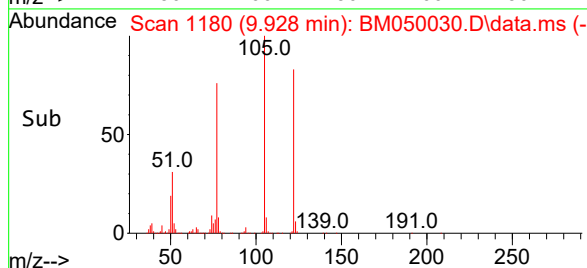
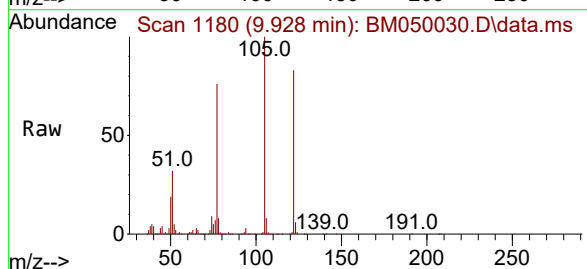
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

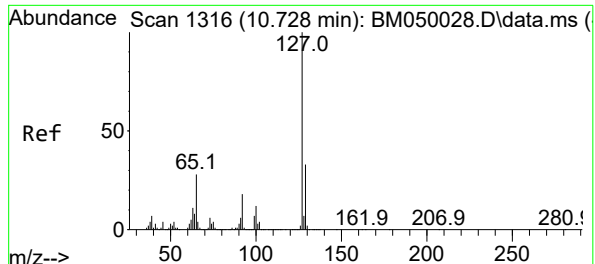
Tgt Ion:128 Resp: 2682942
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 67.178 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598
Ion Ratio Lower Upper
122 100
105 120.9 103.6 143.6
77 92.5 73.7 113.7

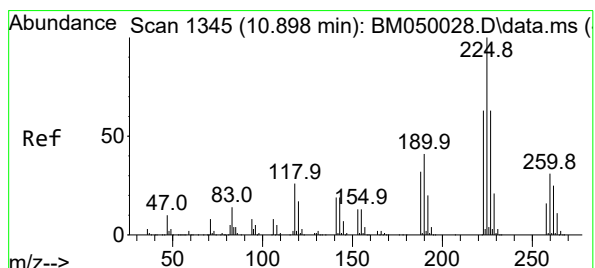
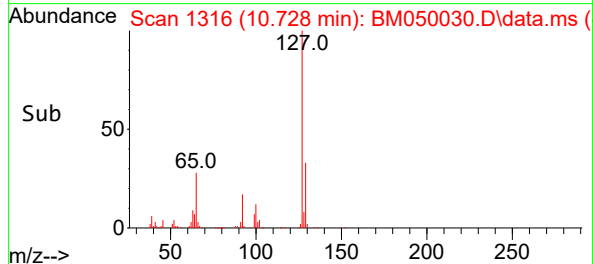
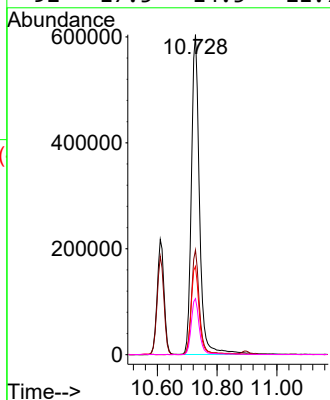
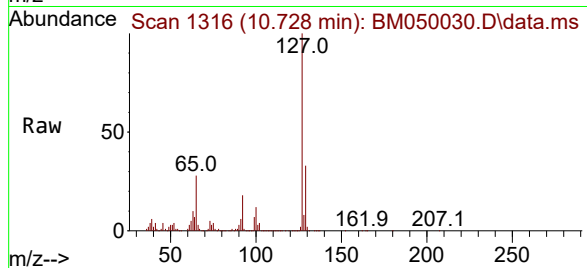




#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

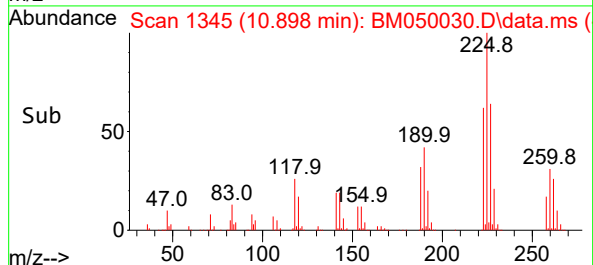
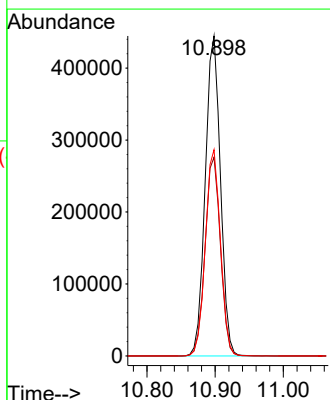
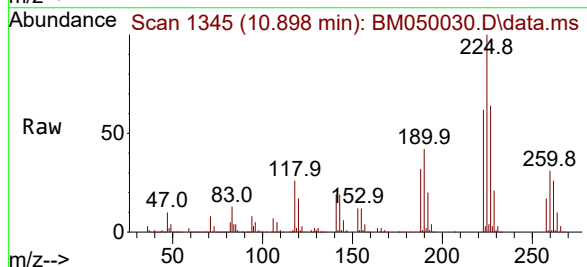
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

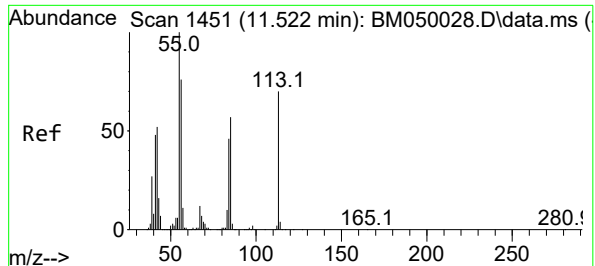
Tgt Ion:127 Resp: 1146085
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 27.6 22.5 33.7
92 17.5 14.5 21.7



#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.2
227 64.5 50.6 76.0

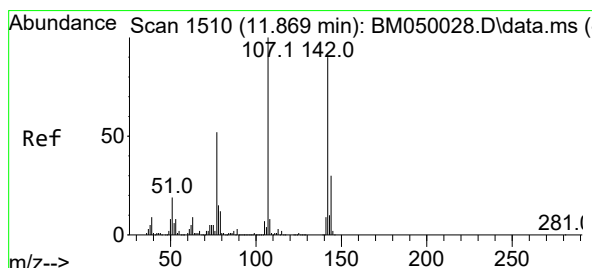
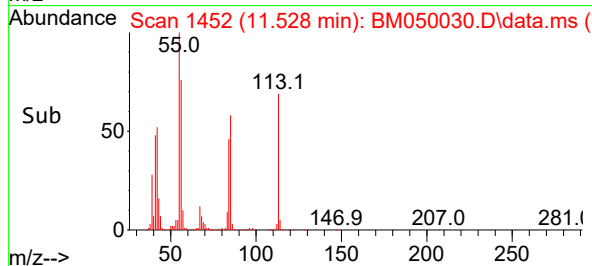
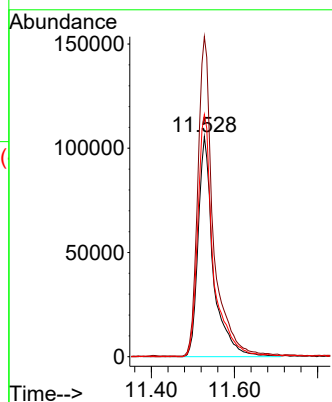
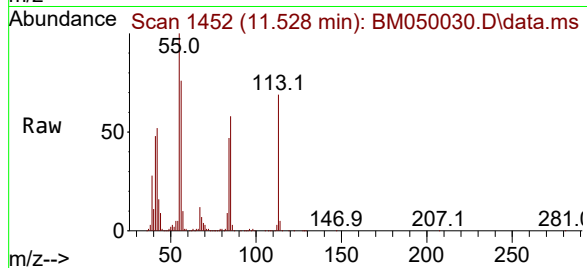




#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

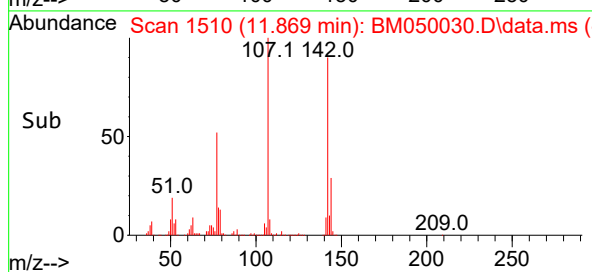
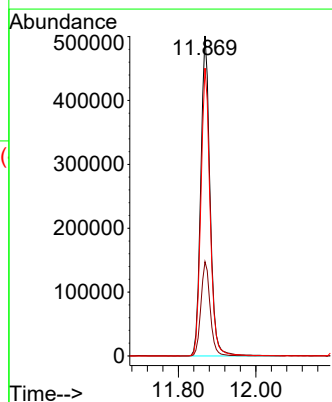
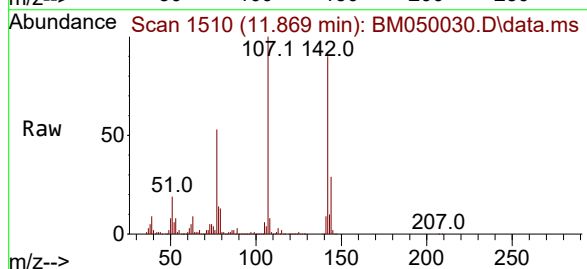
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

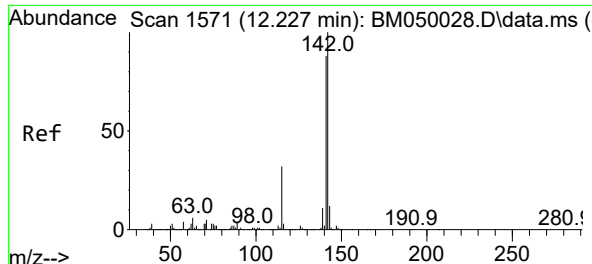
Tgt Ion:113 Resp: 266678
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050
Ion Ratio Lower Upper
107 100
144 29.4 23.8 35.6
142 89.9 71.9 107.9

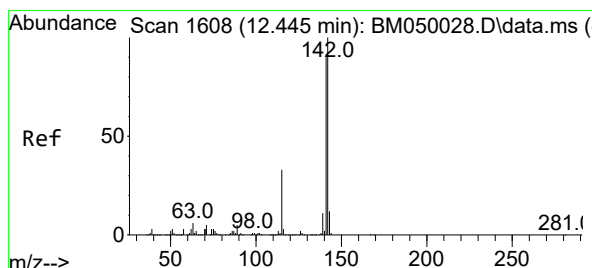
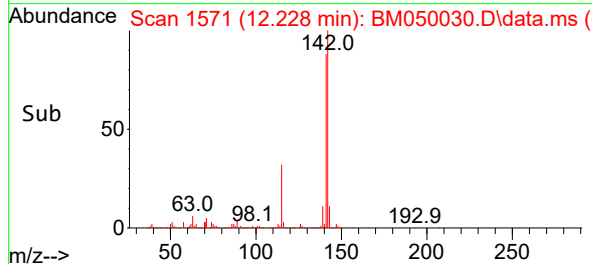
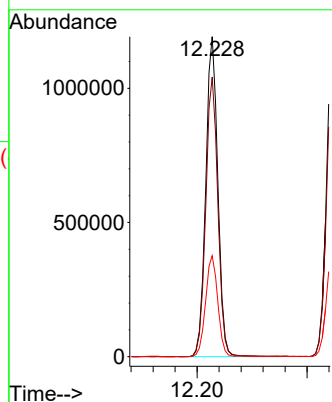
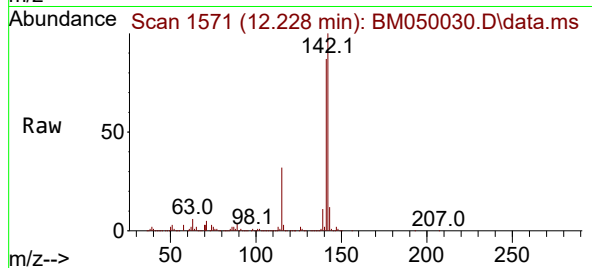




#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

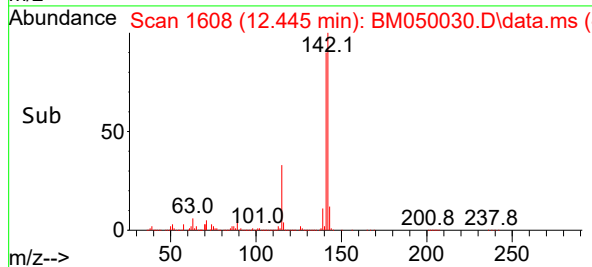
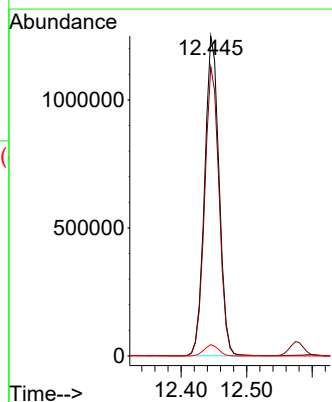
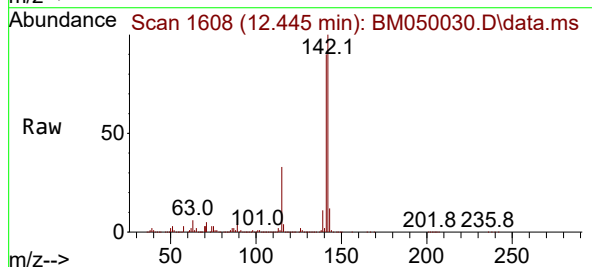
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

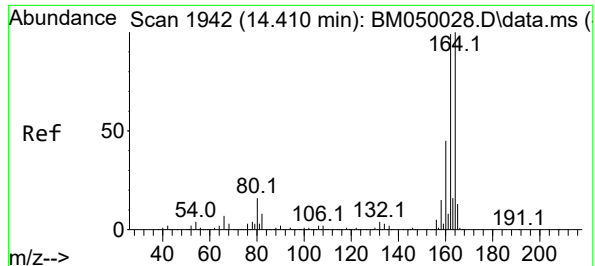
Tgt Ion:142 Resp: 1815345
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6
115 31.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

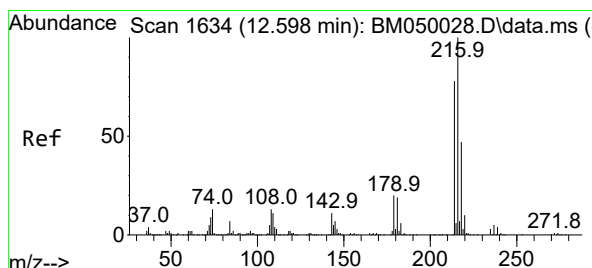
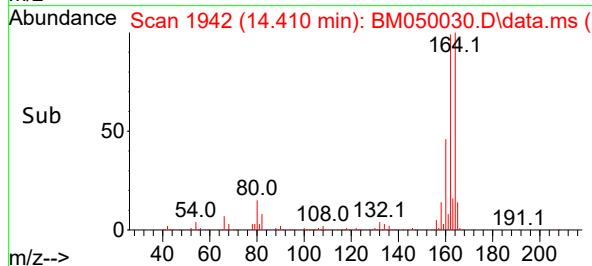
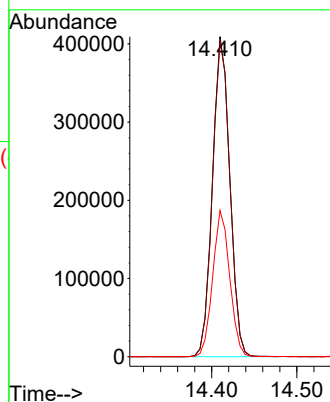
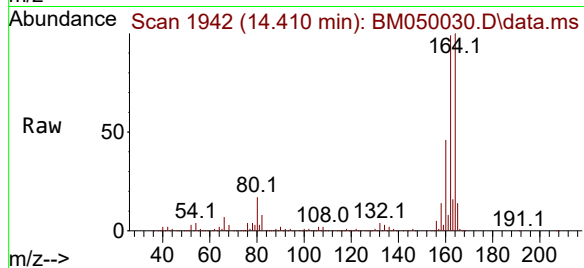
Tgt Ion:164 Resp: 580977

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 45.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.853 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

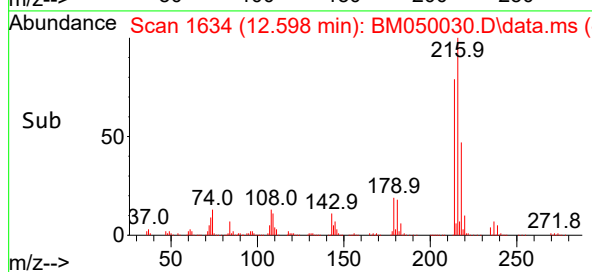
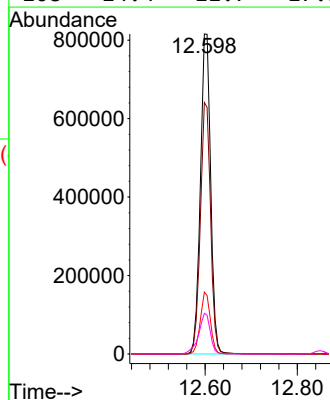
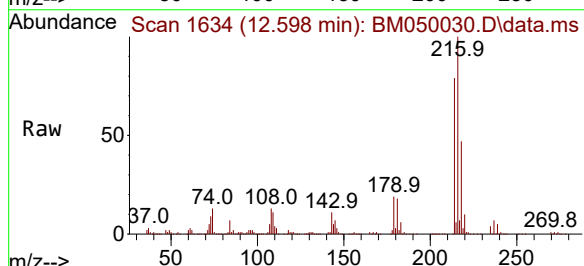
Ion Ratio Lower Upper

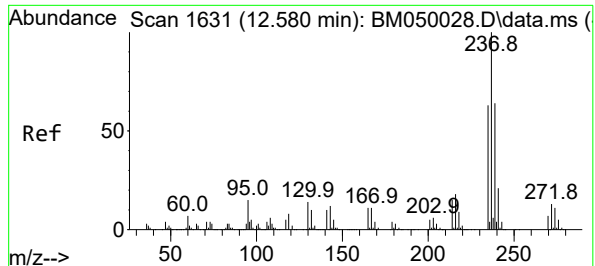
216 100

214 78.2 62.3 93.5

179 18.9 15.4 23.0

108 14.4 11.7 17.5

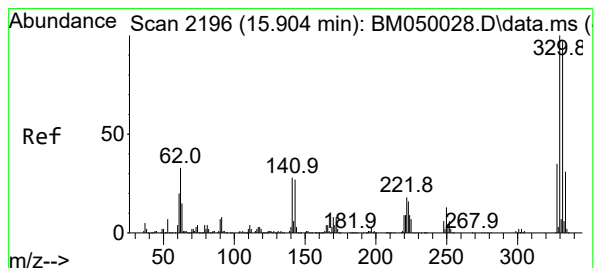
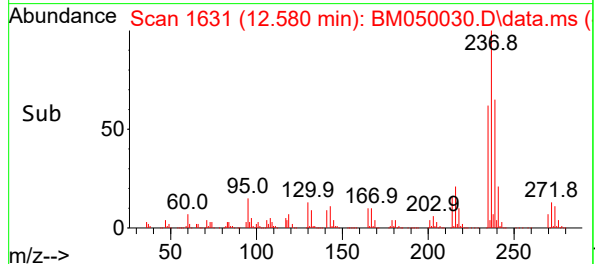
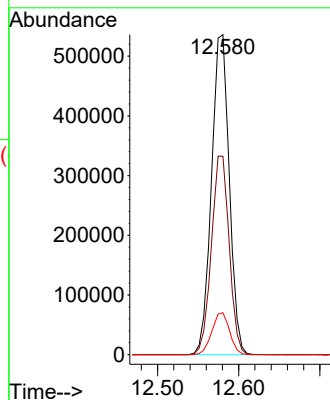
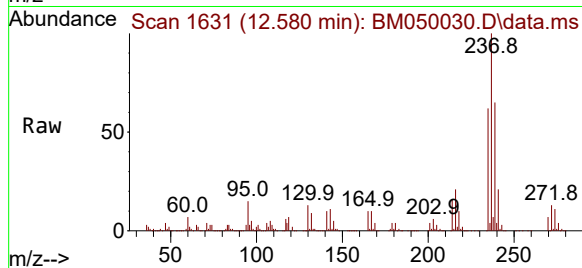




#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

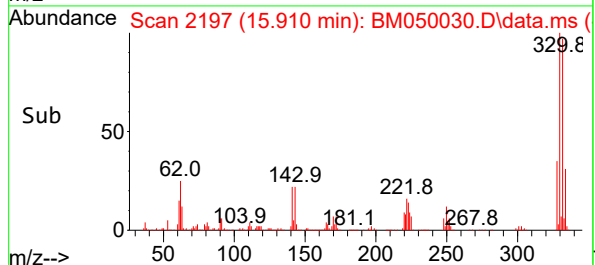
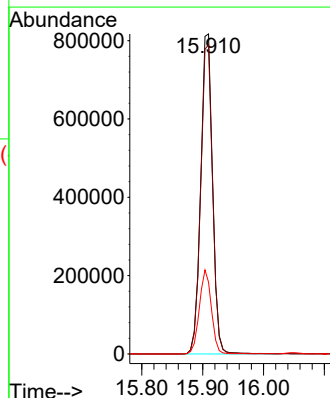
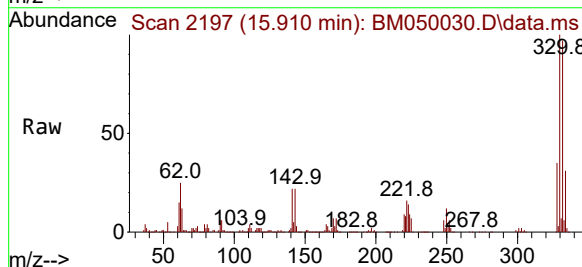
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

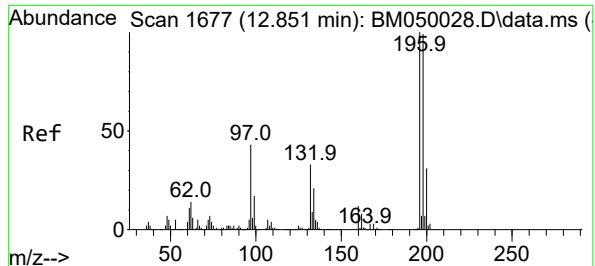
Tgt Ion:237 Resp: 814238
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 26.6 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 63.832 ng

RT: 12.851 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

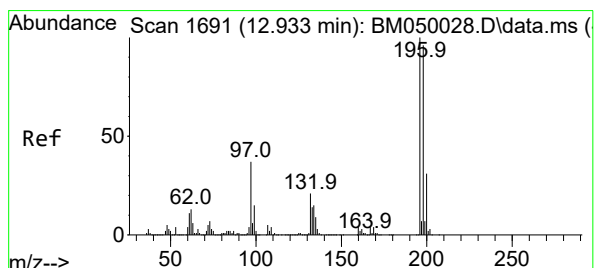
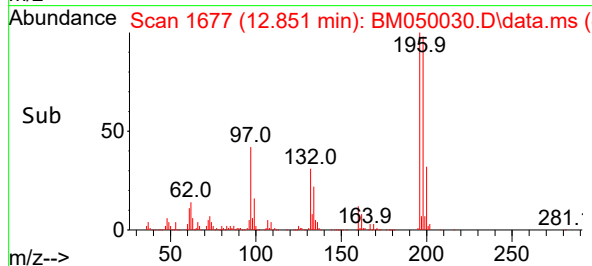
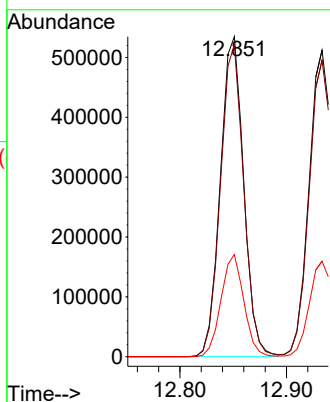
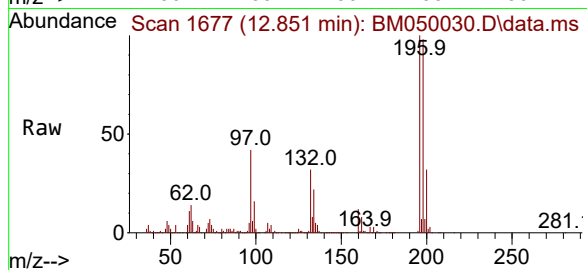
Tgt Ion:196 Resp: 814256

Ion Ratio Lower Upper

196 100

198 97.5 79.0 118.6

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 63.459 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

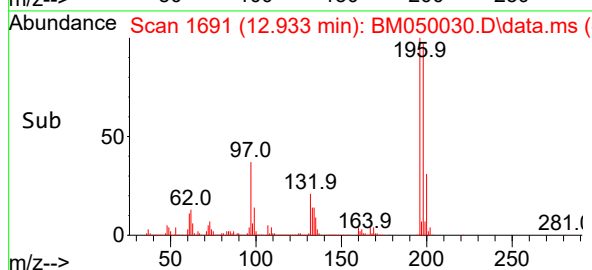
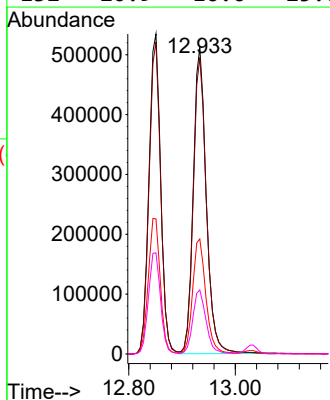
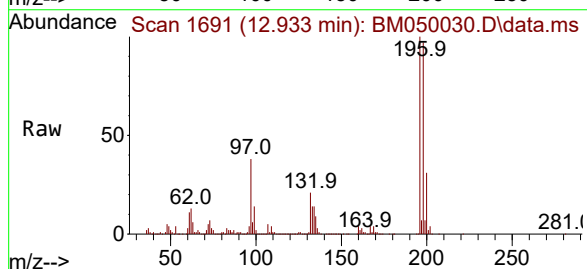
Ion Ratio Lower Upper

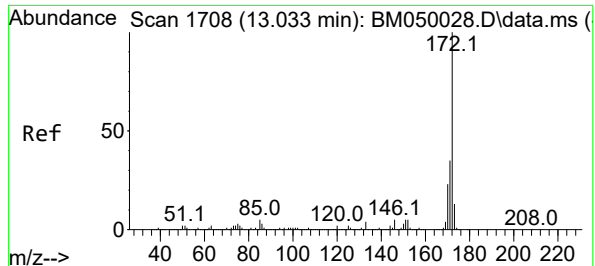
196 100

198 96.7 76.7 115.1

97 37.5 30.1 45.1

132 20.9 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 123.782 ng

RT: 13.033 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

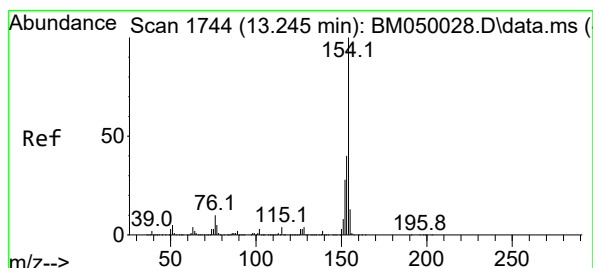
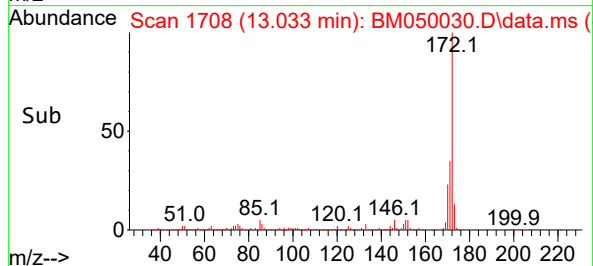
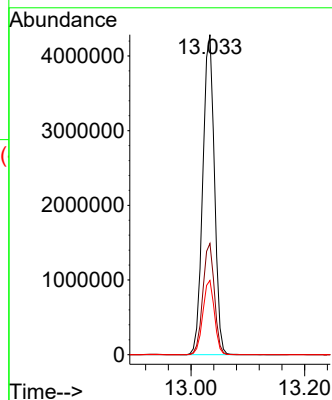
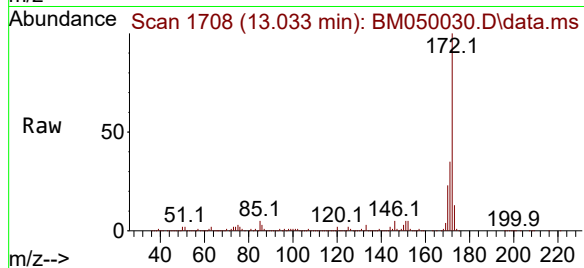
Tgt Ion:172 Resp: 6079094

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 60.817 ng

RT: 13.245 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

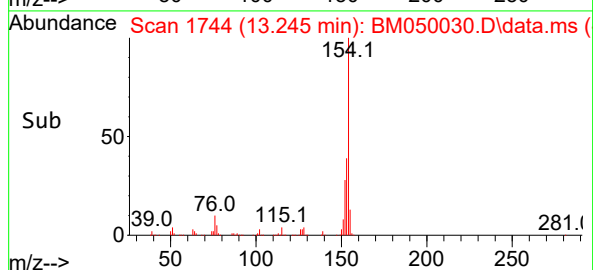
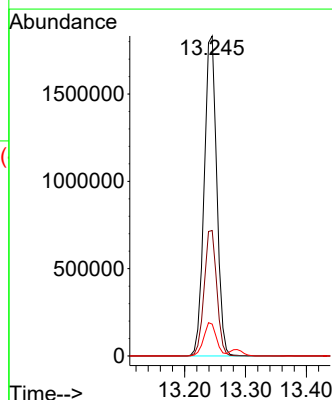
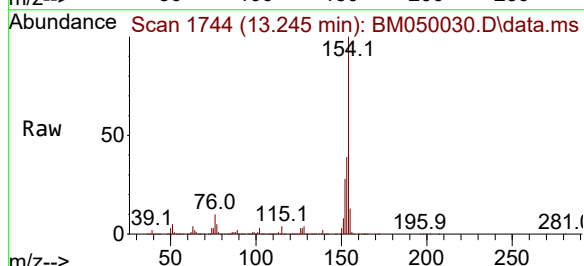
Tgt Ion:154 Resp: 2626494

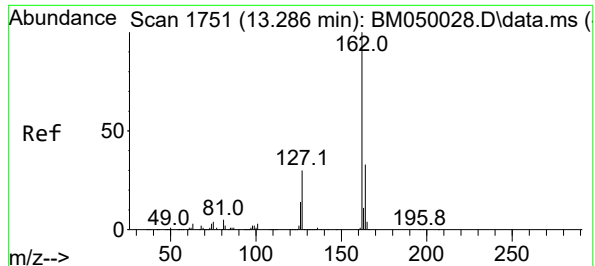
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.9 0.0 30.3

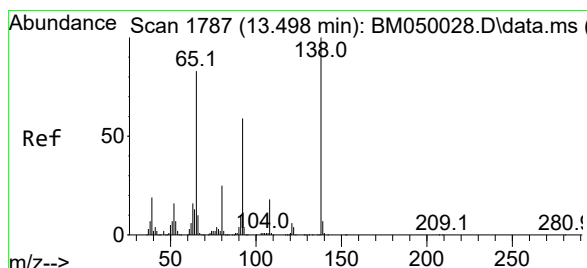
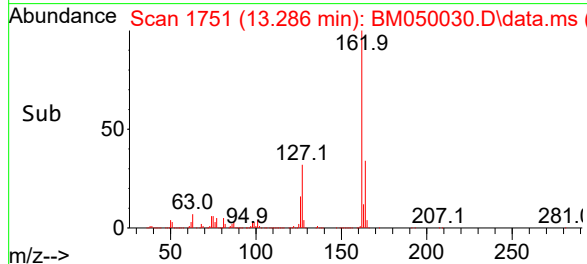
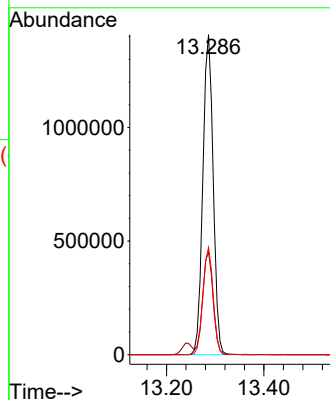
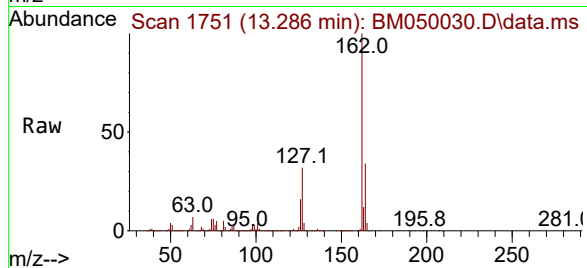




#47
2-Chloronaphthalene
Concen: 60.760 ng
RT: 13.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

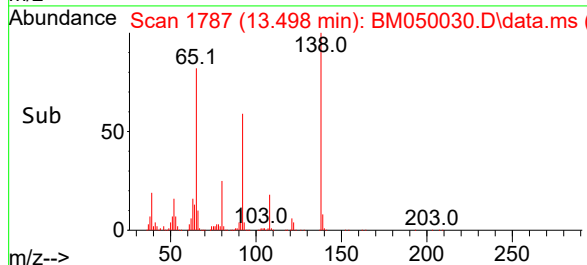
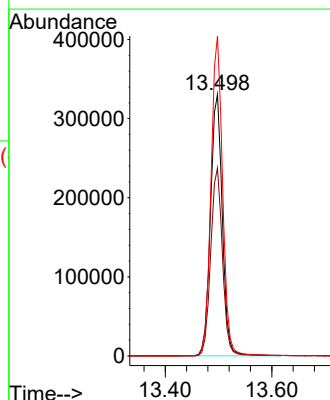
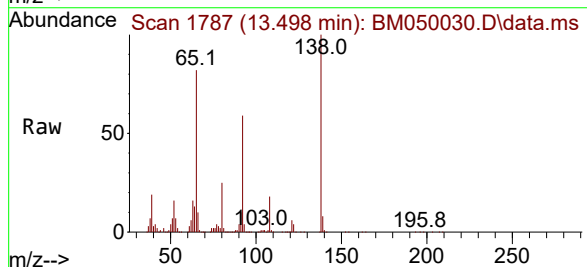
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

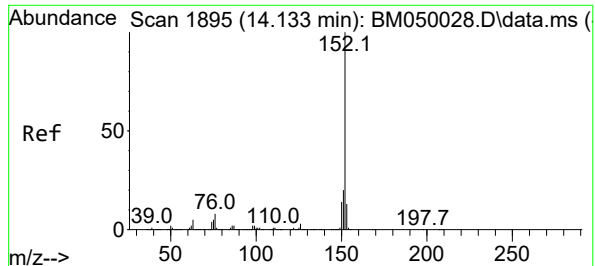
Tgt Ion:162 Resp: 2078242
Ion Ratio Lower Upper
162 100
127 32.1 25.9 38.9
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 63.847 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 65 Resp: 512544
Ion Ratio Lower Upper
65 100
92 71.9 57.1 85.7
138 122.3 97.0 145.4

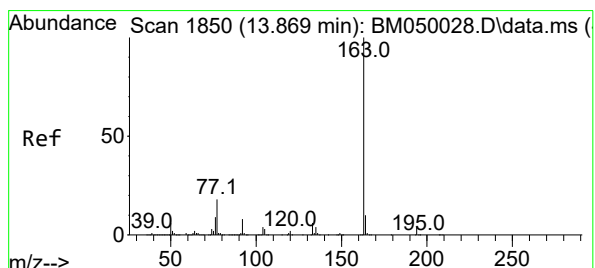
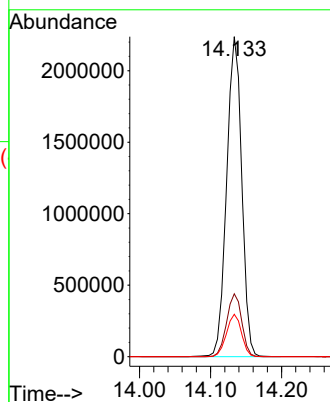
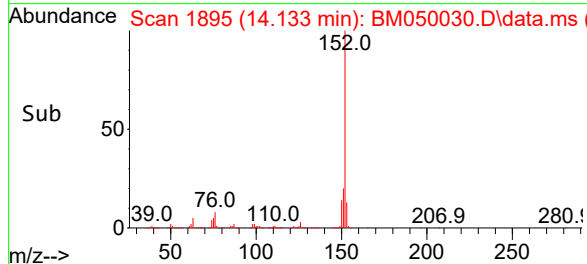
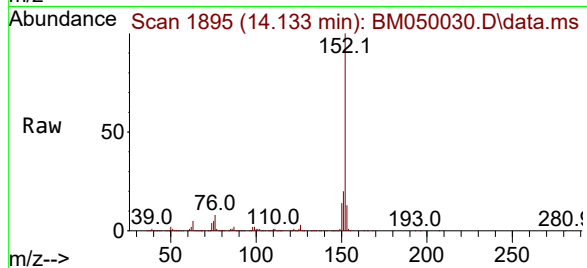




#49
Acenaphthylene
Concen: 61.060 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

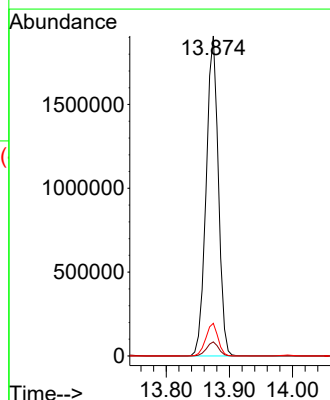
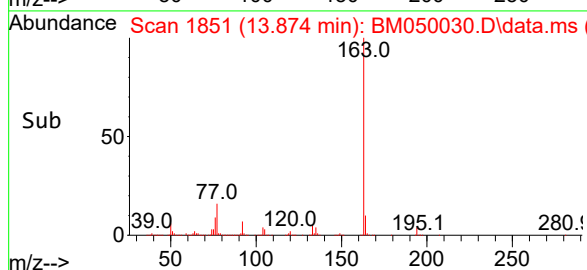
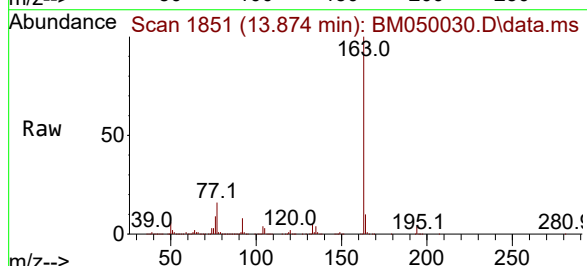
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

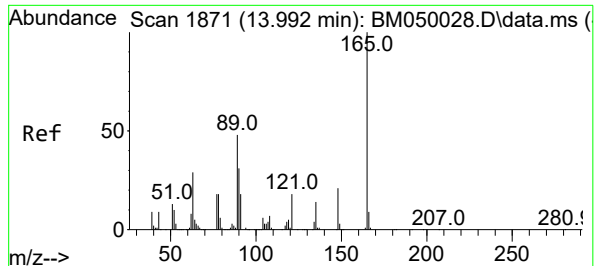
Tgt Ion:152 Resp: 3292902
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 60.347 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

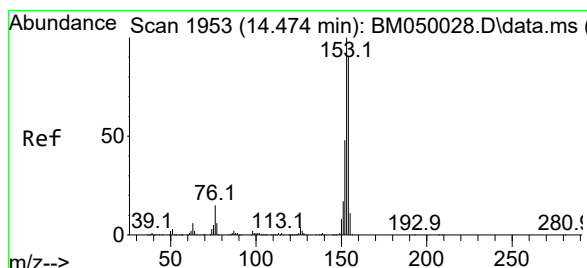
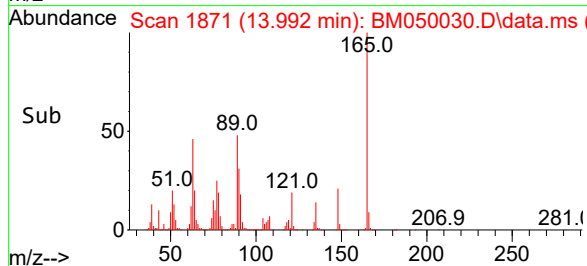
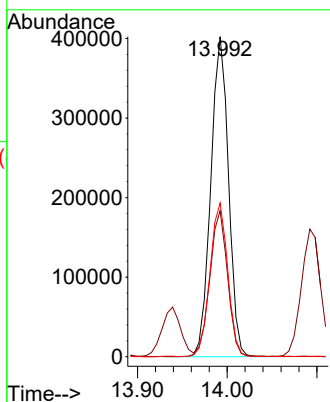
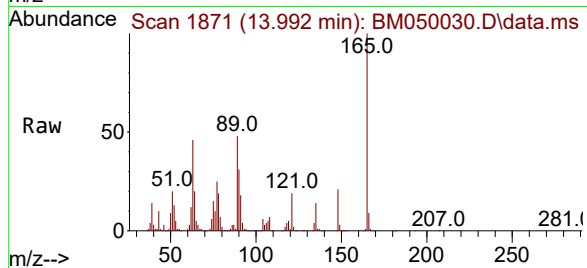




#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

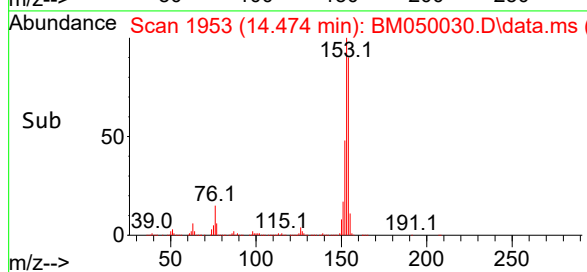
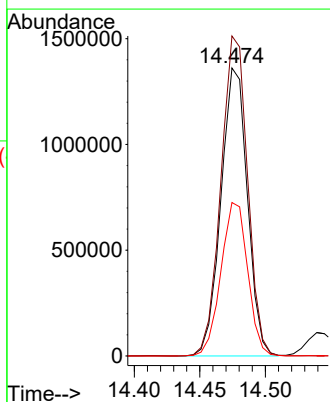
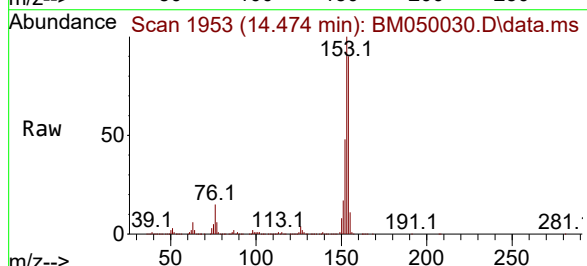
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

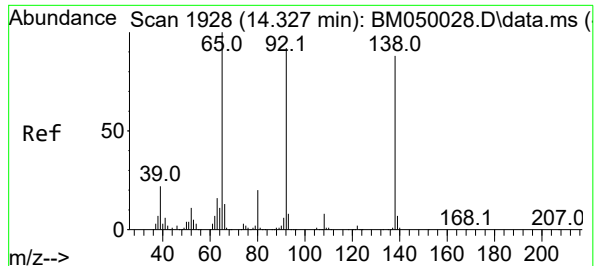
Tgt Ion:165 Resp: 551466
Ion Ratio Lower Upper
165 100
63 45.6 35.1 52.7
89 48.1 38.4 57.6



#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 53.3 43.0 64.6

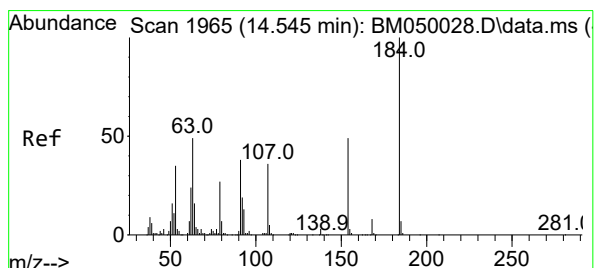
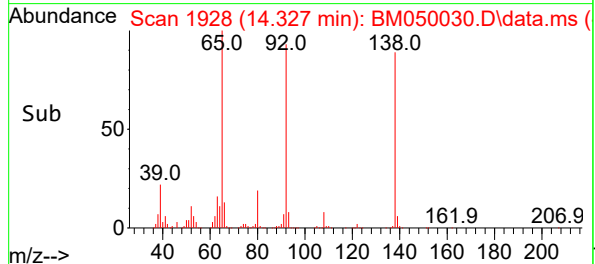
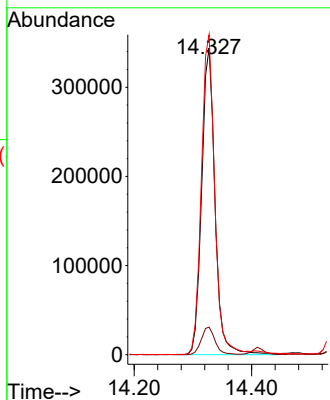
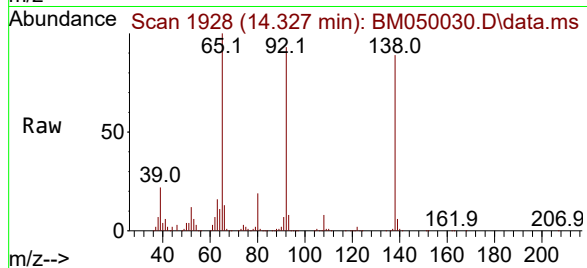




#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

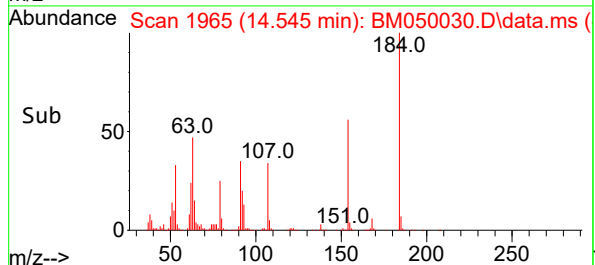
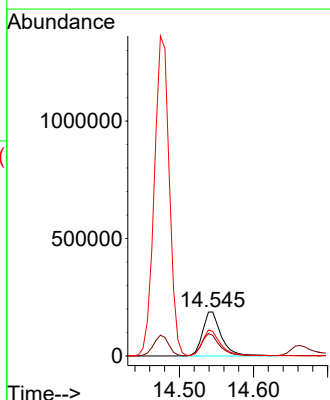
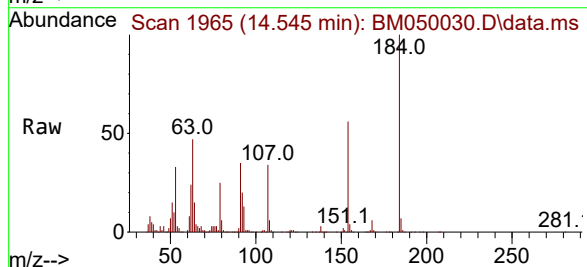
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

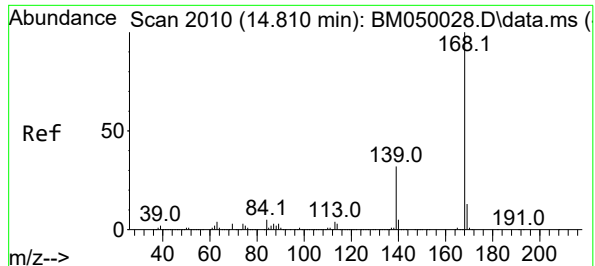
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0



#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1





#55

Dibenzenofuran

Concen: 60.738 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

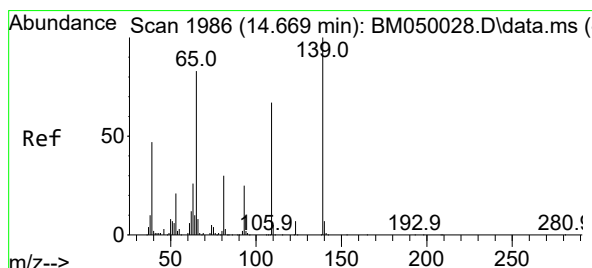
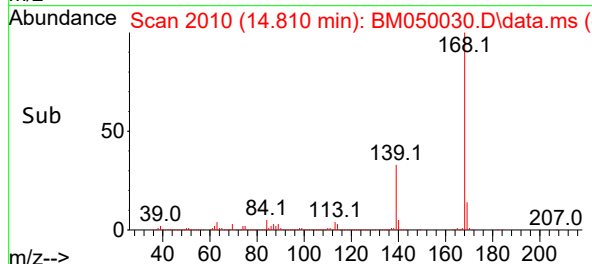
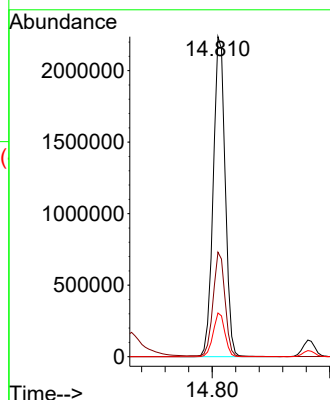
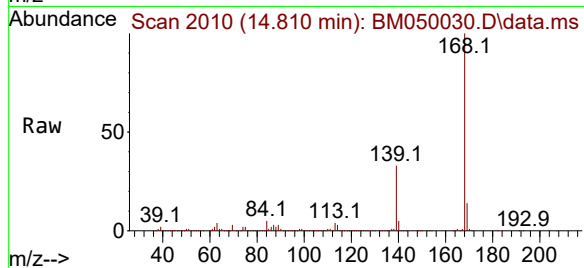
Tgt Ion:168 Resp: 3154566

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 60.088 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

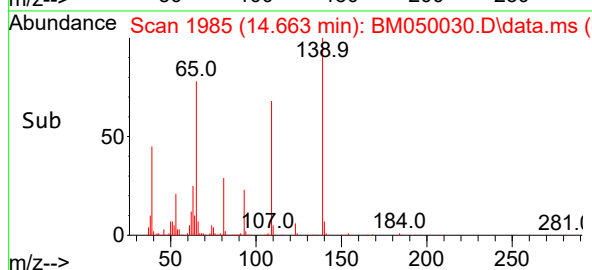
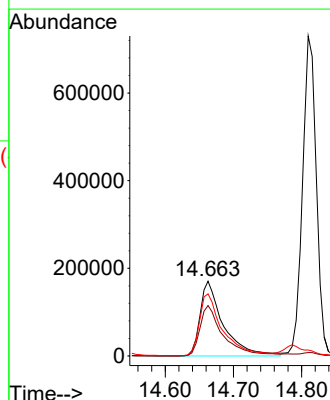
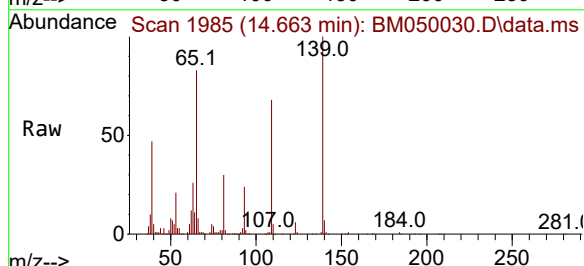
Tgt Ion:139 Resp: 402106

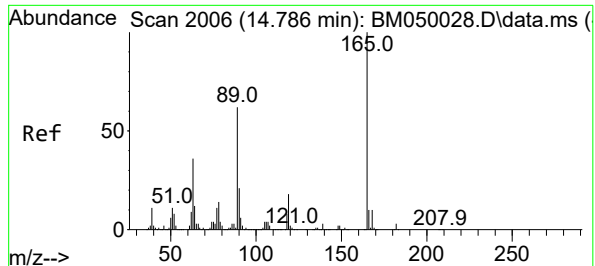
Ion Ratio Lower Upper

139 100

109 67.5 47.0 87.0

65 83.0 64.3 104.3

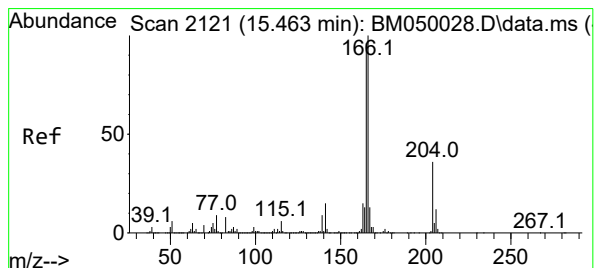
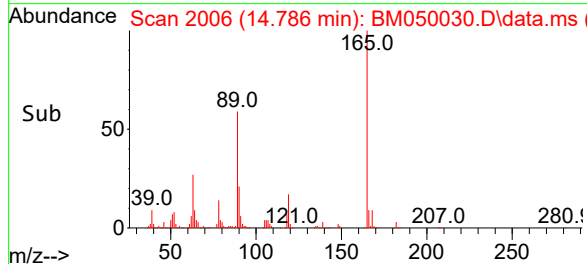
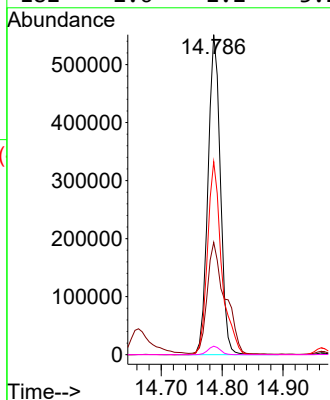
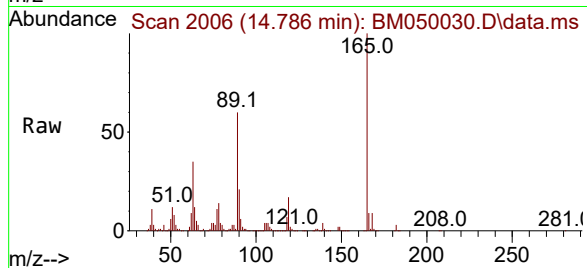




#57
2,4-Dinitrotoluene
Concen: 64.180 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

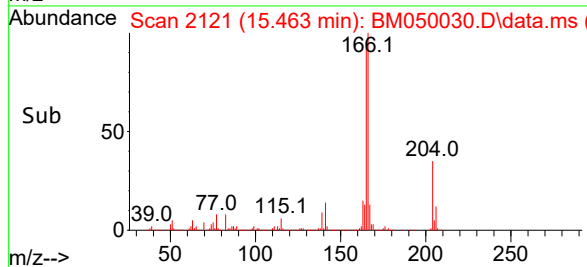
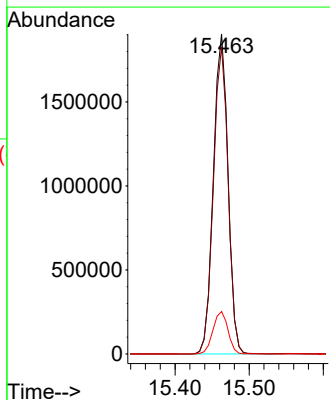
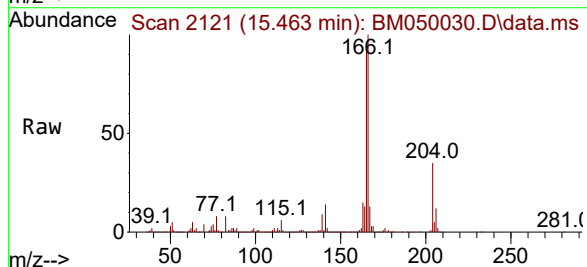
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

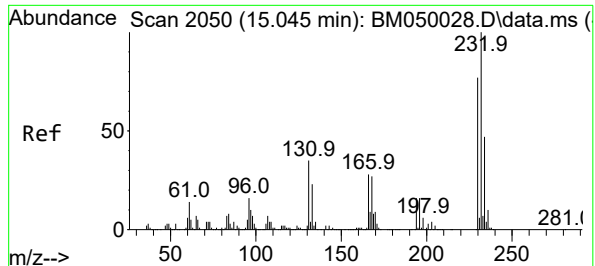
Tgt Ion:165 Resp: 779604
Ion Ratio Lower Upper
165 100
63 35.1 29.0 43.6
89 60.3 49.4 74.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 61.497 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:166 Resp: 2614340
Ion Ratio Lower Upper
166 100
165 96.0 76.6 115.0
167 13.3 10.6 16.0

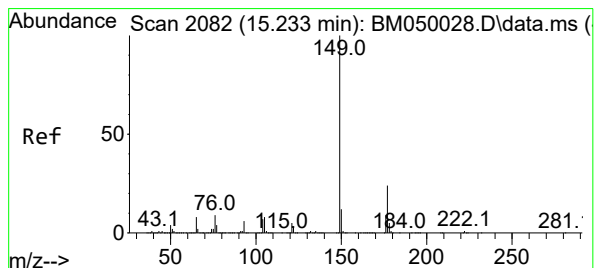
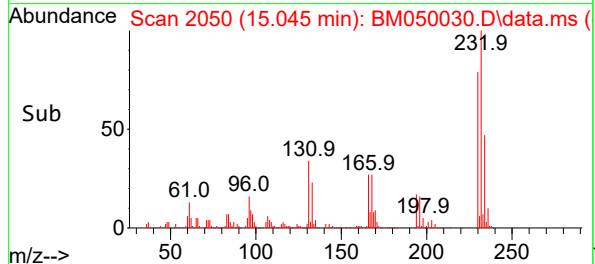
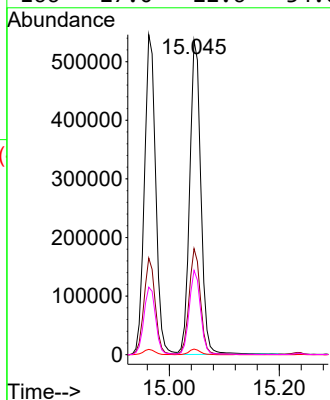
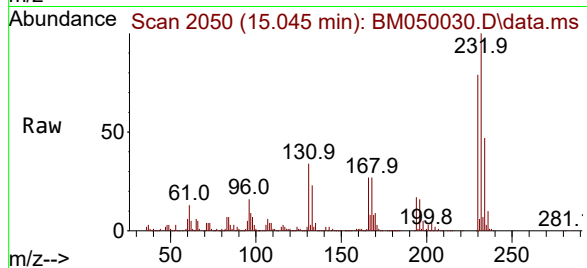




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

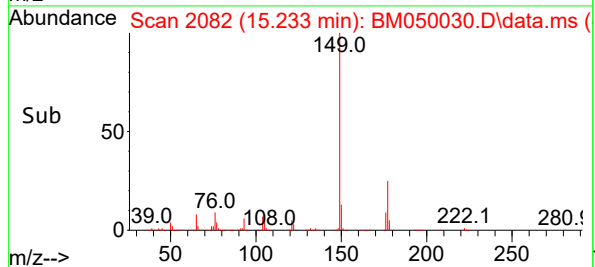
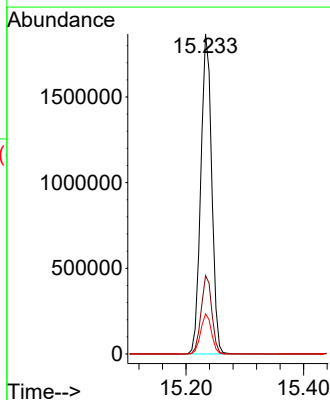
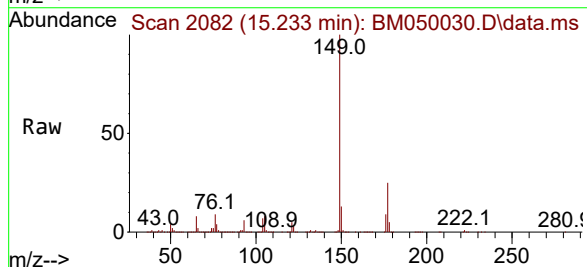
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

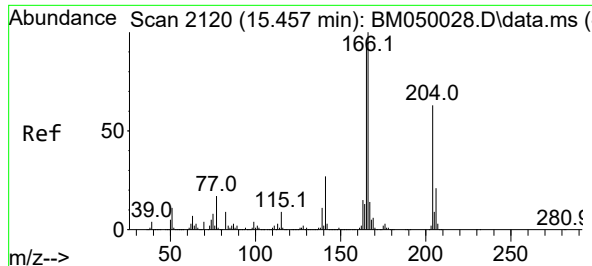
Tgt Ion:232 Resp: 752680
Ion Ratio Lower Upper
232 100
131 34.1 28.2 42.4
130 1.8 1.5 2.3
166 27.0 22.6 34.0



#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624
Ion Ratio Lower Upper
149 100
177 24.5 19.1 28.7
150 12.5 9.6 14.4

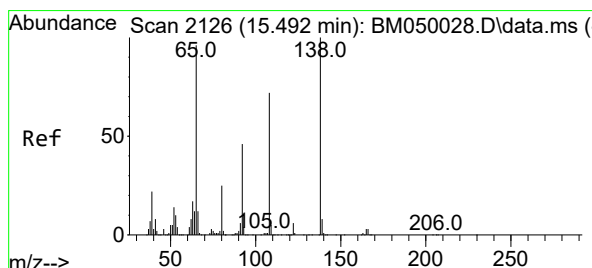
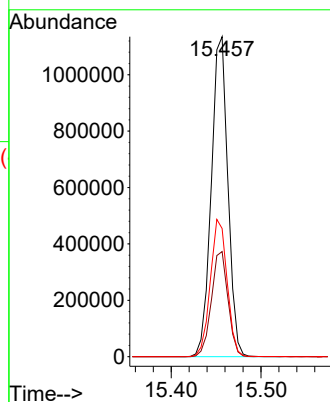
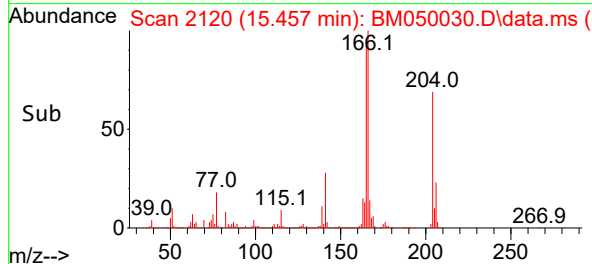
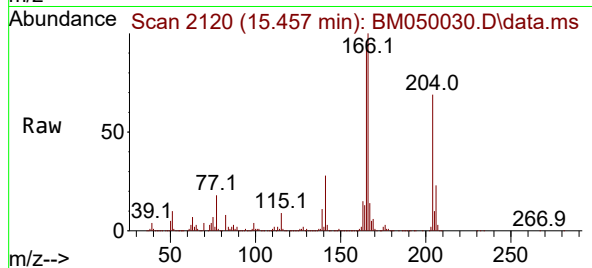




#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

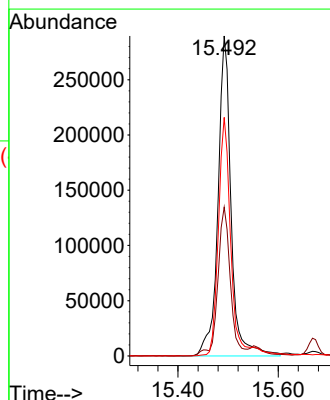
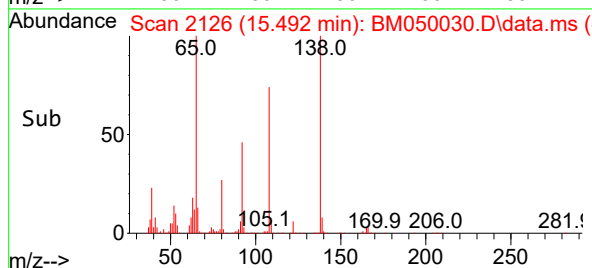
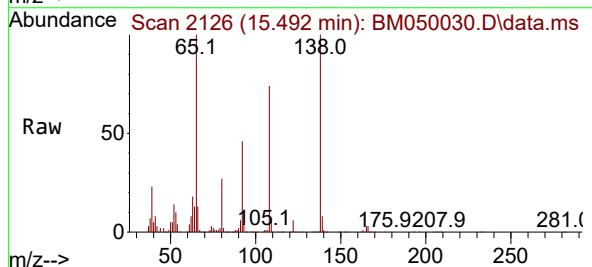
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

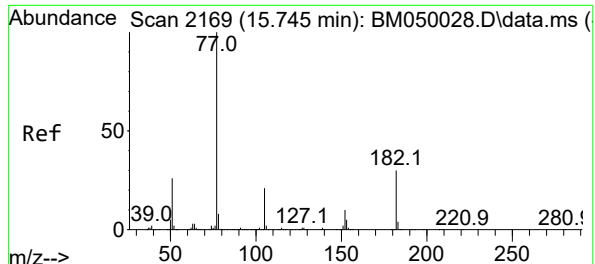
Tgt Ion:204 Resp: 1457099
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 40.0 34.0 51.0



#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 74.6 52.4 92.4

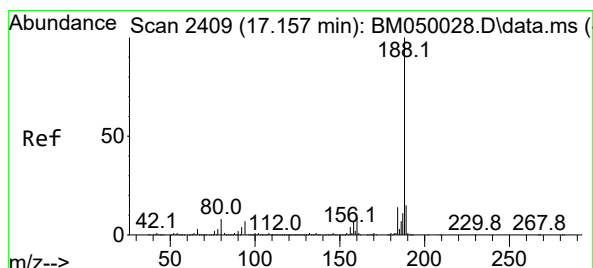
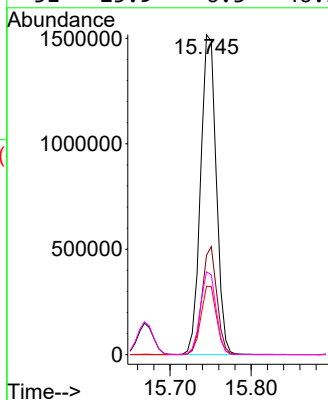
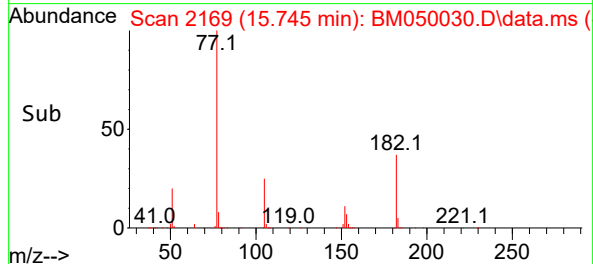
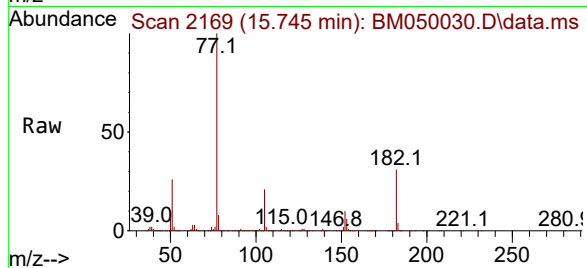




#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

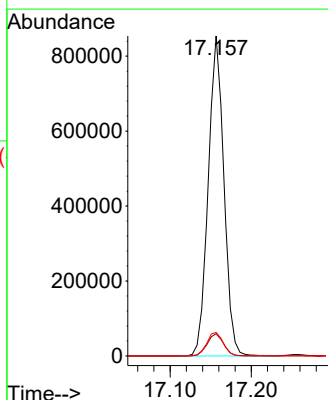
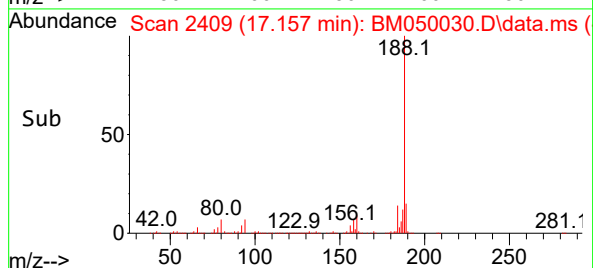
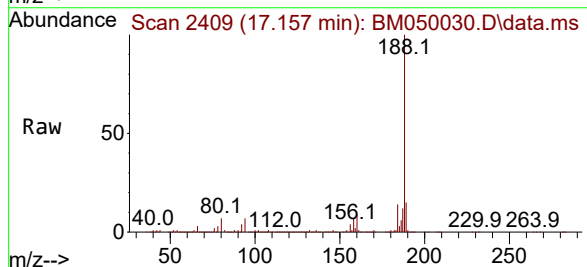
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

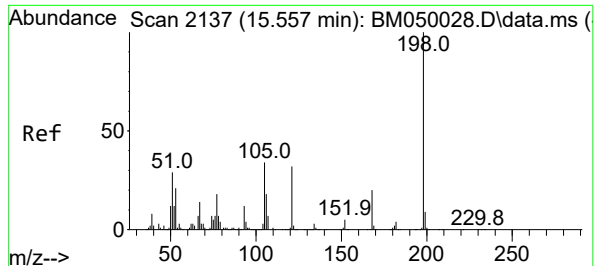
Tgt Ion: 77 Resp: 2030208
Ion Ratio Lower Upper
77 100
182 31.1 10.5 50.5
105 21.4 1.1 41.1
51 25.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 188 Resp: 1144389
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.3 6.2 9.4

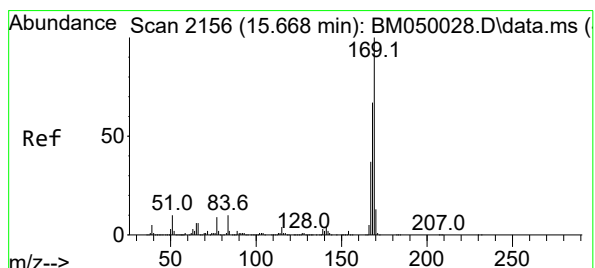
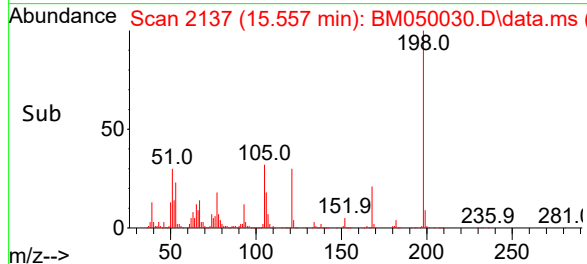
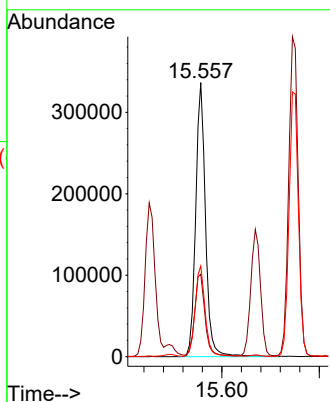
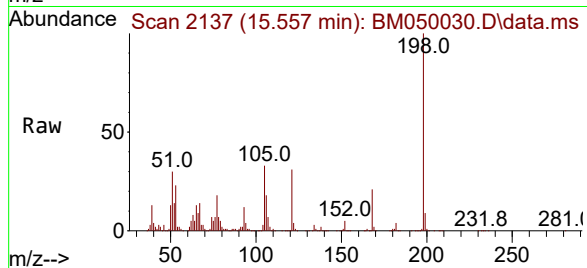




#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

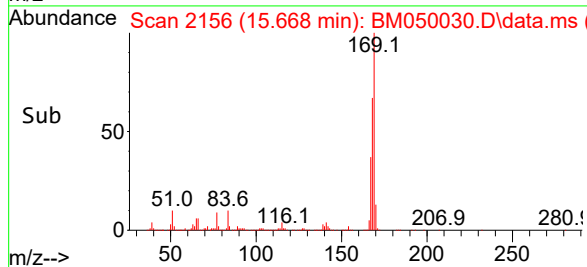
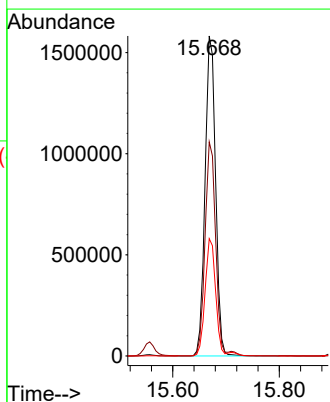
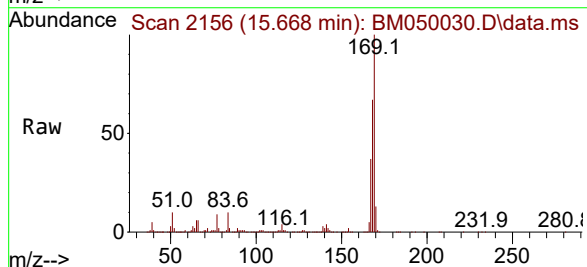
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

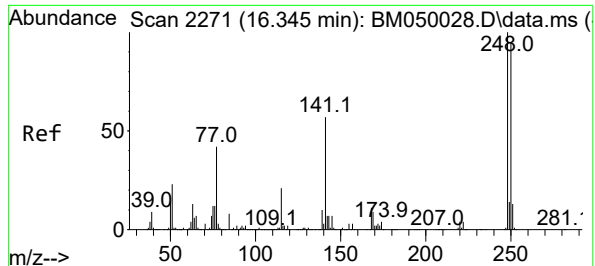
Tgt Ion:198 Resp: 473987
Ion Ratio Lower Upper
198 100
51 30.1 10.4 50.4
105 33.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.6 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 63.509 ng

RT: 16.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

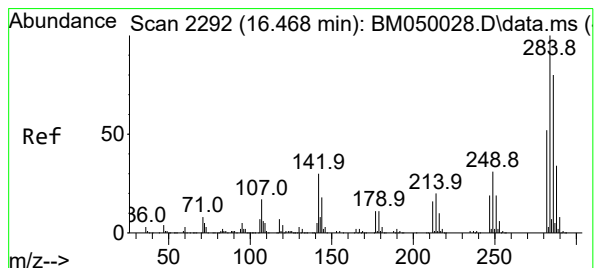
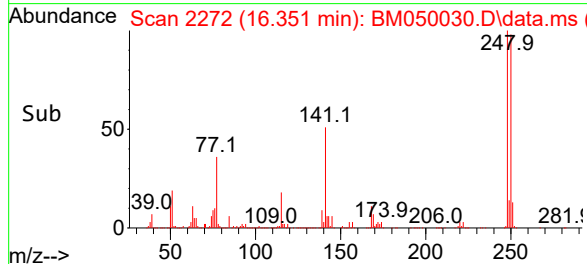
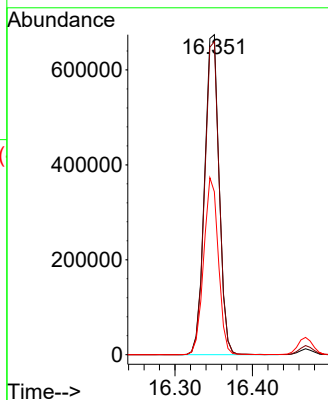
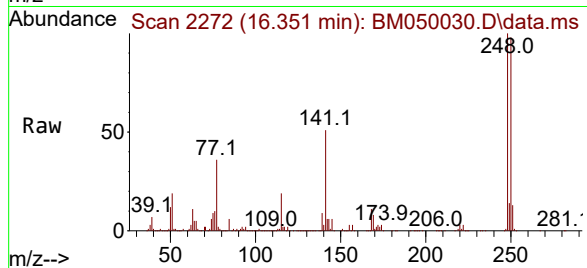
Tgt Ion:248 Resp: 878886

Ion Ratio Lower Upper

248 100

250 97.8 76.2 114.2

141 50.9 45.9 68.9



#68

Hexachlorobenzene

Concen: 62.711 ng

RT: 16.468 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

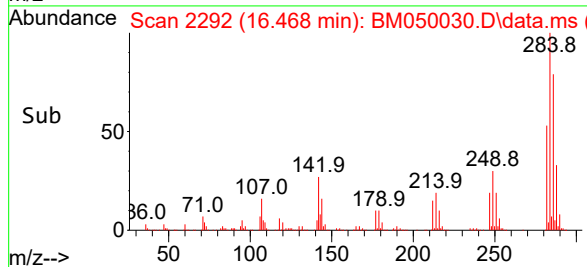
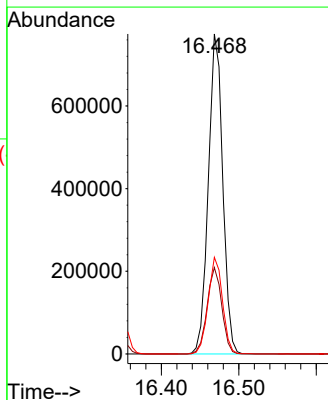
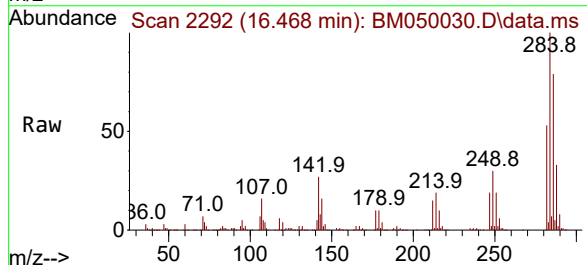
Tgt Ion:284 Resp: 1000366

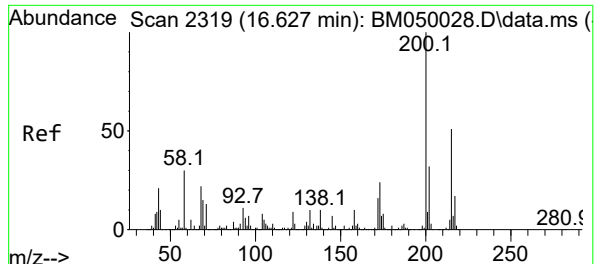
Ion Ratio Lower Upper

284 100

142 27.0 23.9 35.9

249 30.2 24.5 36.7





#69

Atrazine

Concen: 63.312 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

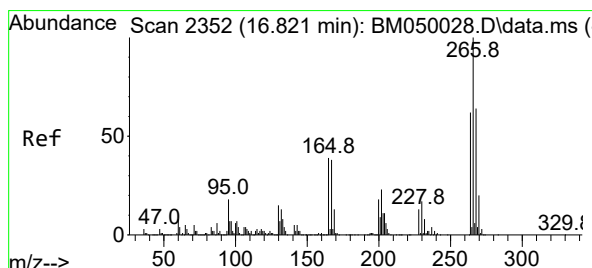
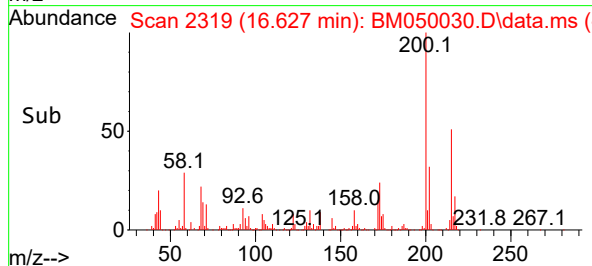
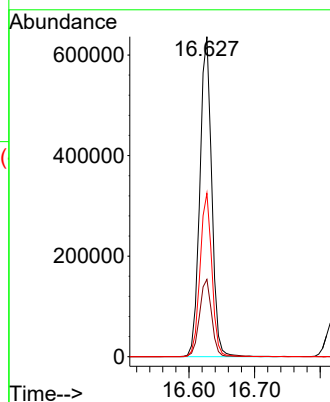
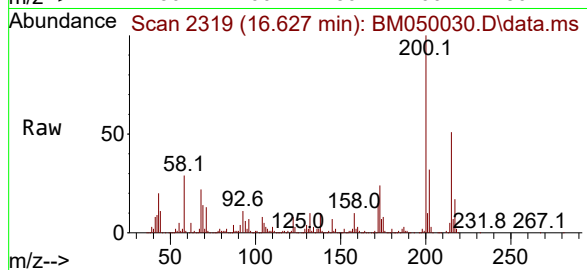
Tgt Ion:200 Resp: 802538

Ion Ratio Lower Upper

200 100

173 24.2 4.3 44.3

215 51.0 30.6 70.6



#70

Pentachlorophenol

Concen: 65.136 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

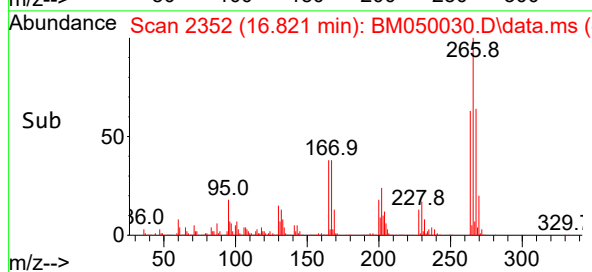
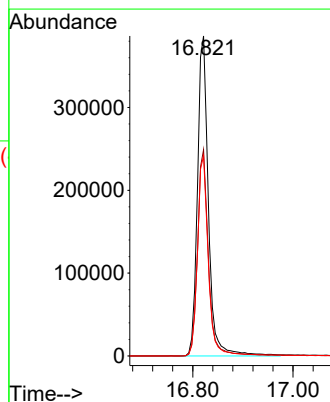
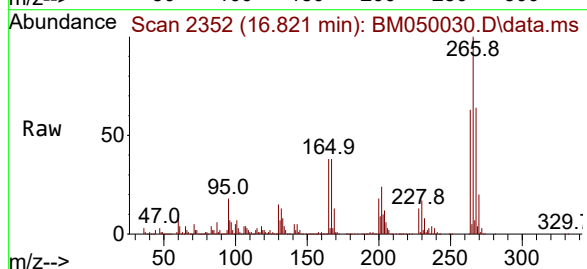
Tgt Ion:266 Resp: 584874

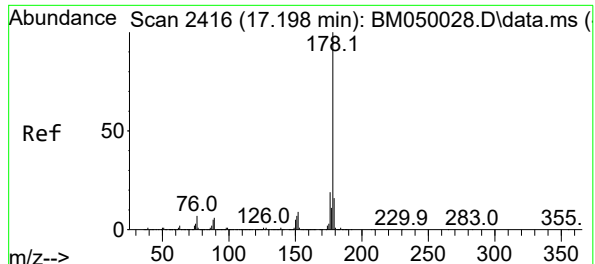
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 62.6 49.6 74.4

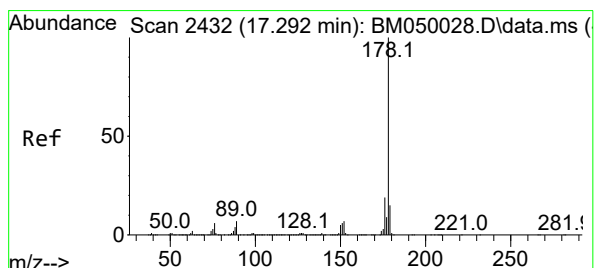
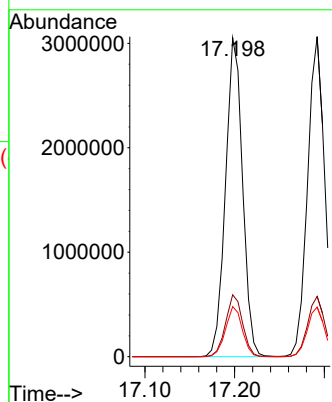
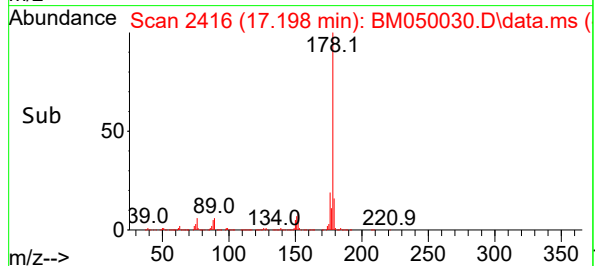
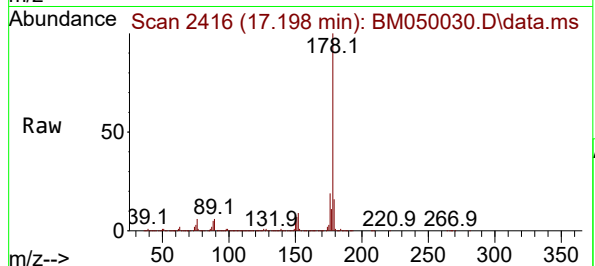




#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

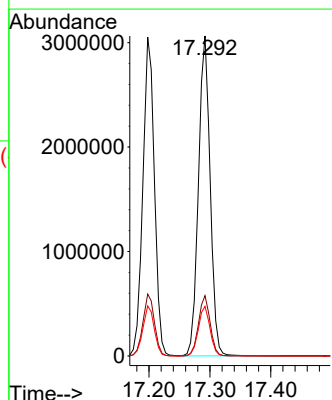
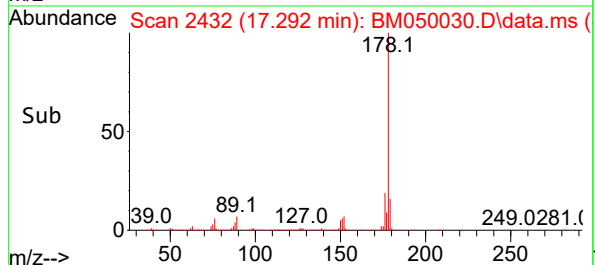
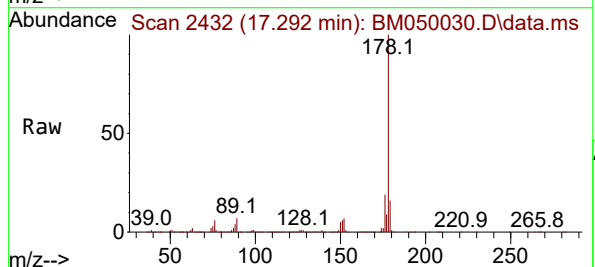
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

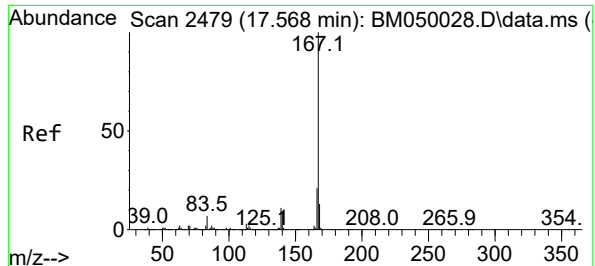
Tgt Ion:178 Resp: 4028280
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.4 18.6



#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4

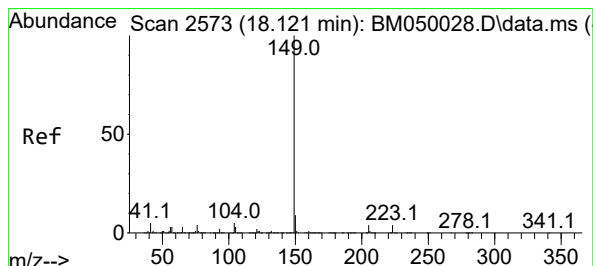
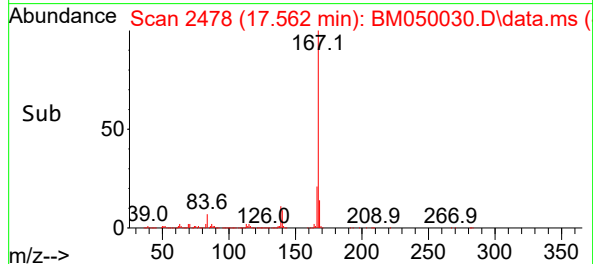
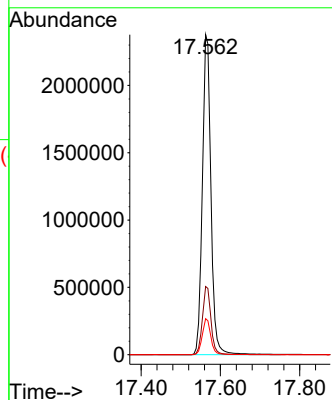
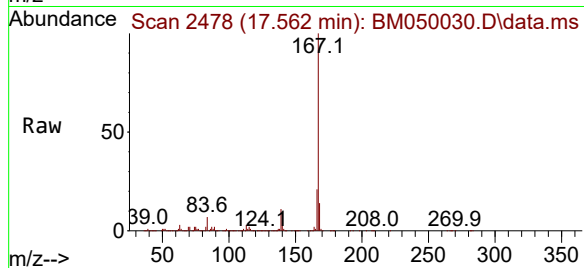




#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

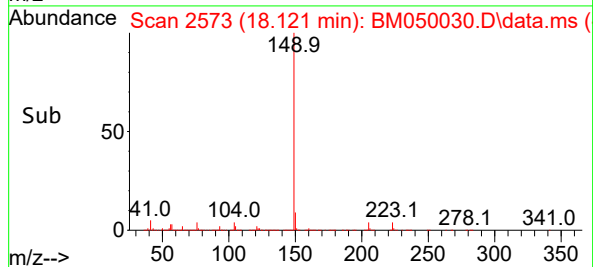
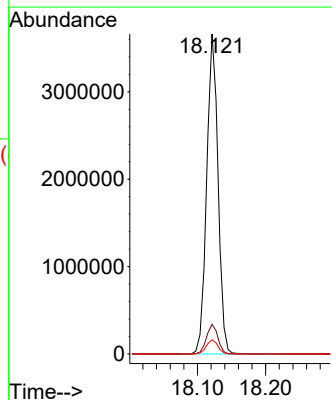
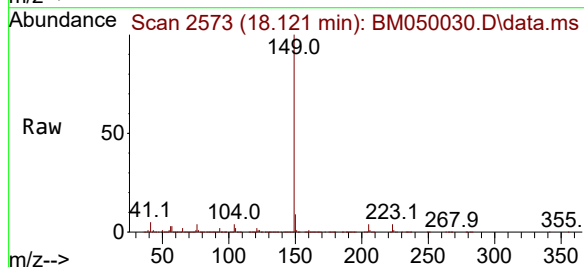
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

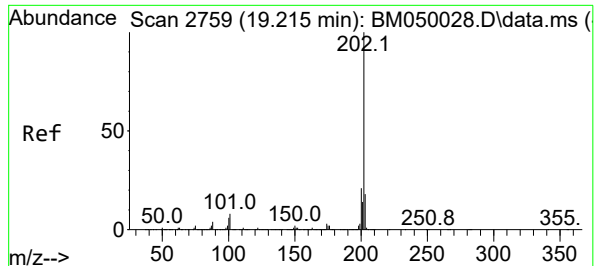
Tgt Ion:167 Resp: 3562573
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6

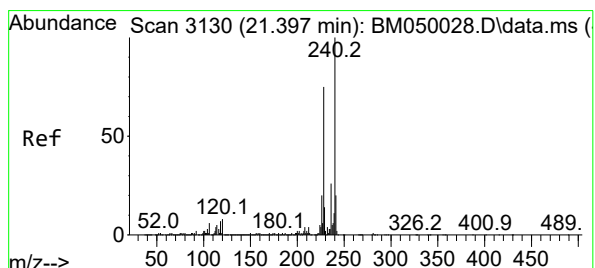
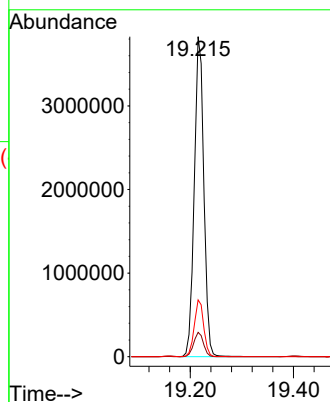
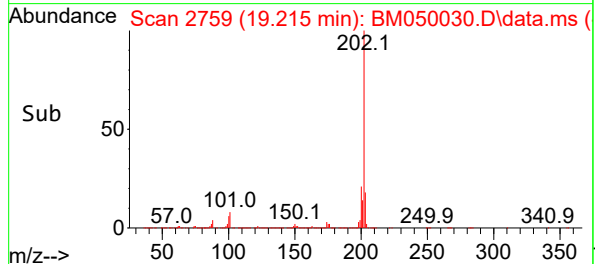
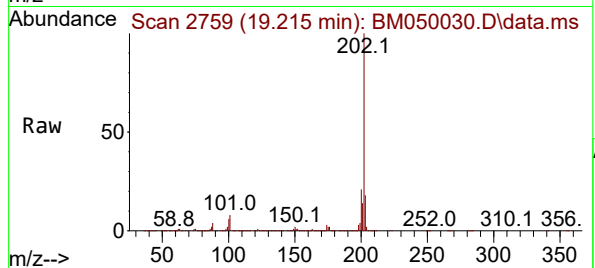




#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

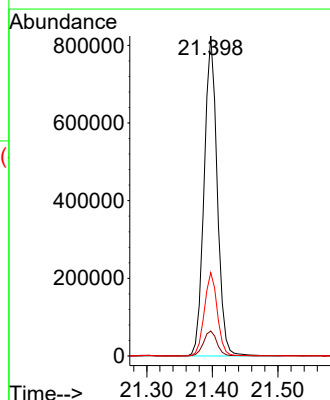
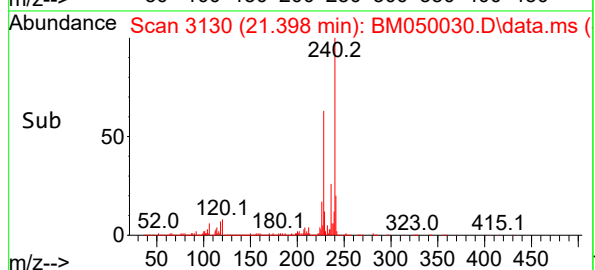
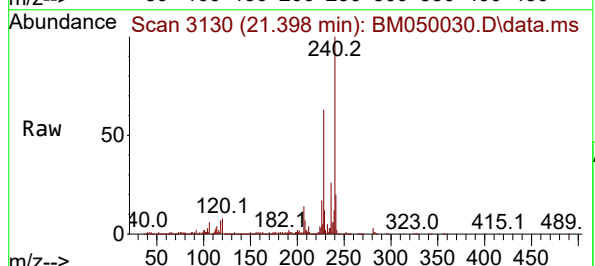
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

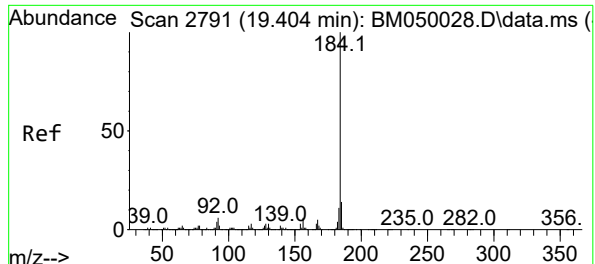
Tgt Ion:202 Resp: 4891273
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.1 20.9 31.3

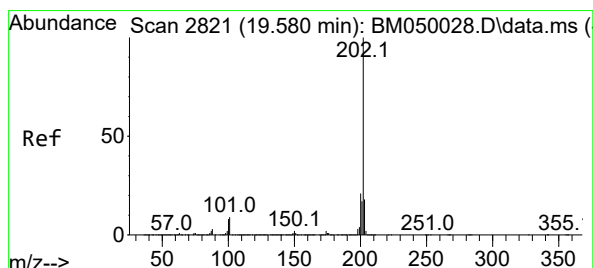
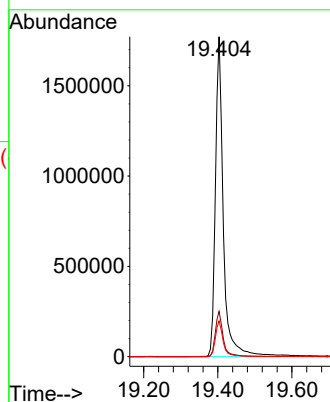
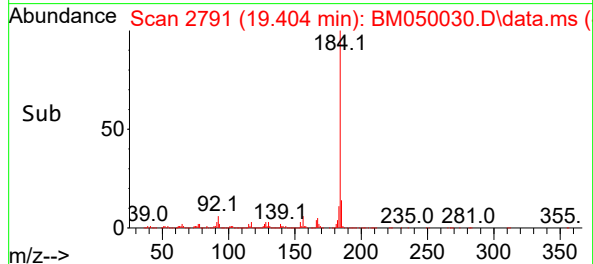
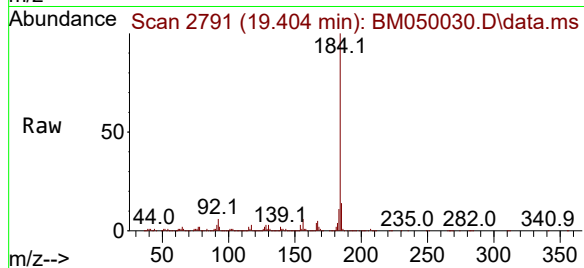




#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

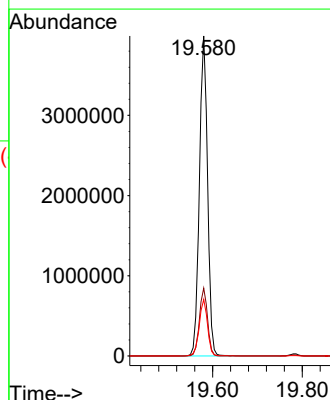
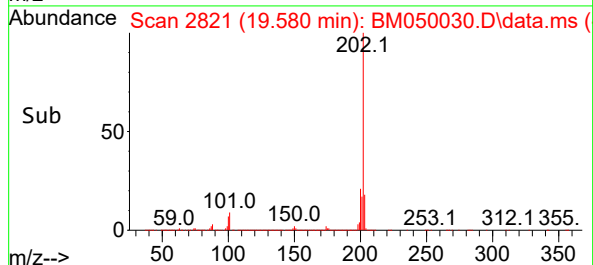
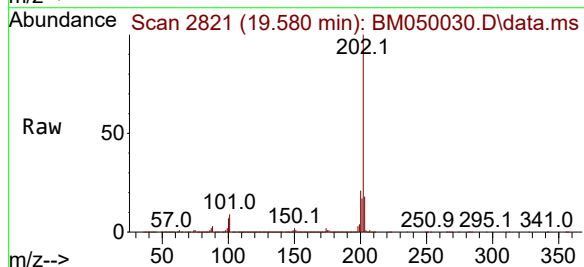
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

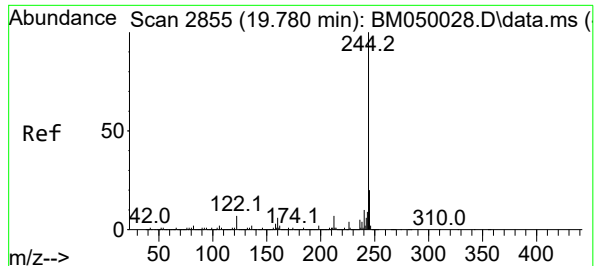
Tgt Ion:184 Resp: 2626747
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 14.1 21.1

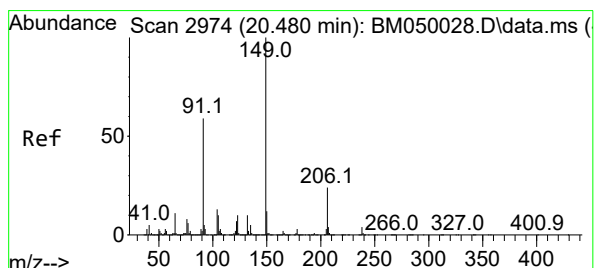
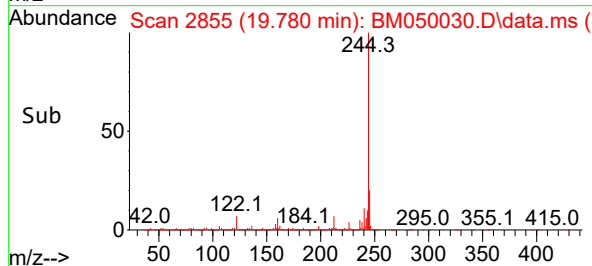
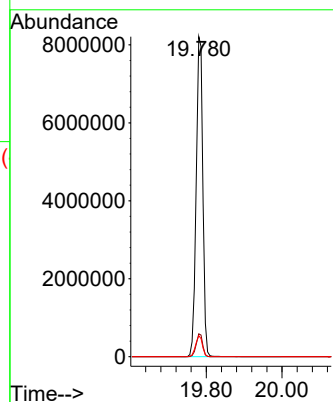
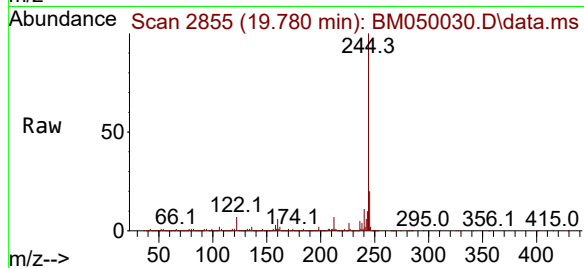




#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

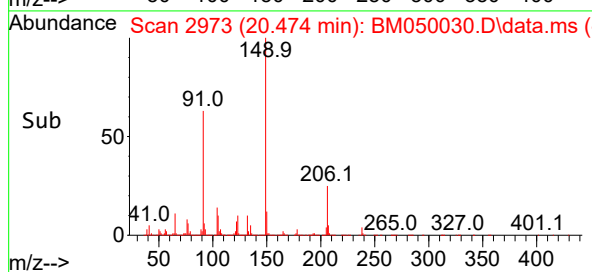
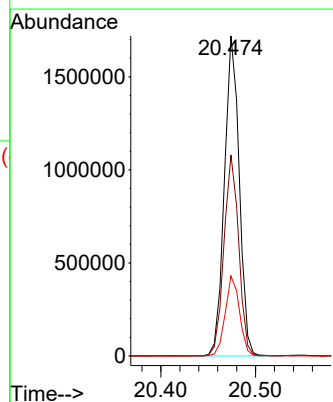
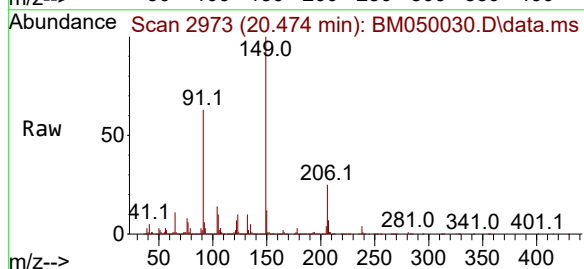
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

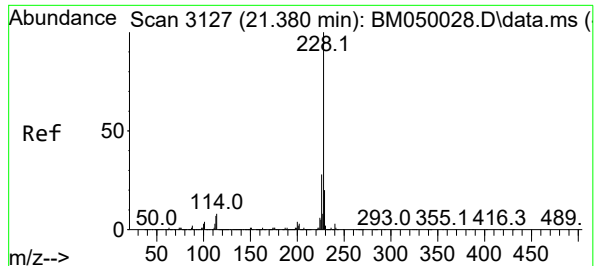
Tgt Ion:244 Resp:10017186
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 6.6 5.6 8.4



#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444
Ion Ratio Lower Upper
149 100
91 62.8 47.4 71.2
206 25.0 19.4 29.0

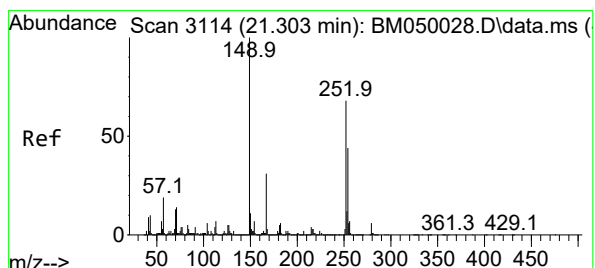
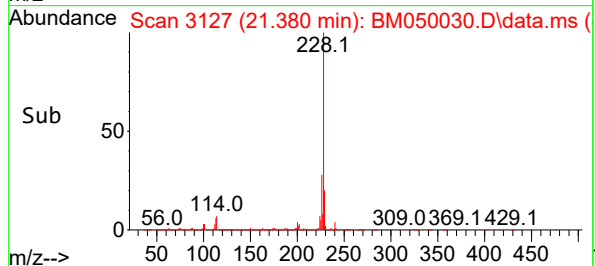
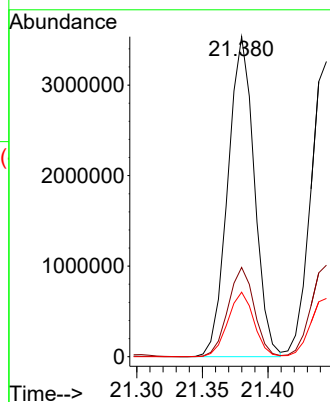
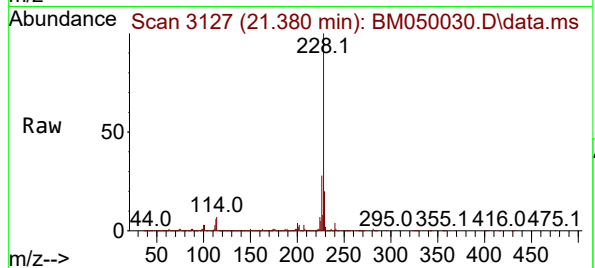




#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

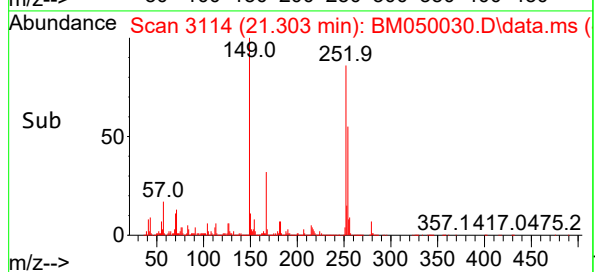
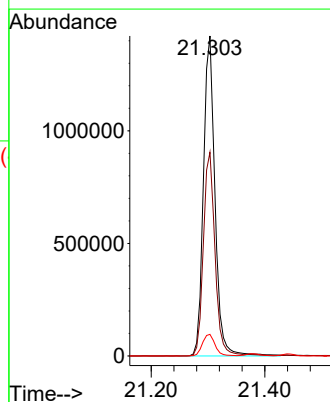
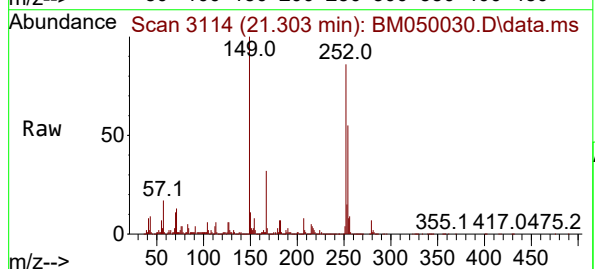
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

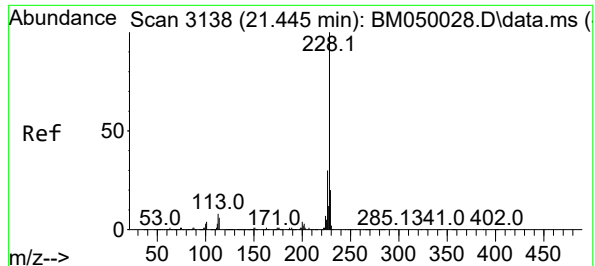
Tgt Ion:228 Resp: 4954357
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 6.7 6.0 9.0





#83

Chrysene

Concen: 62.348 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

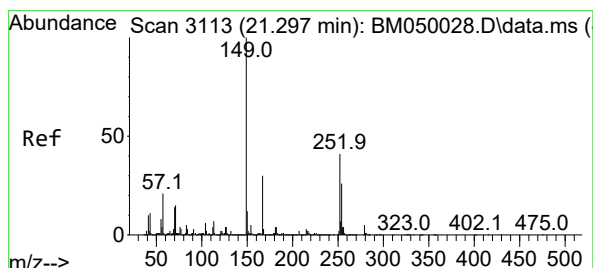
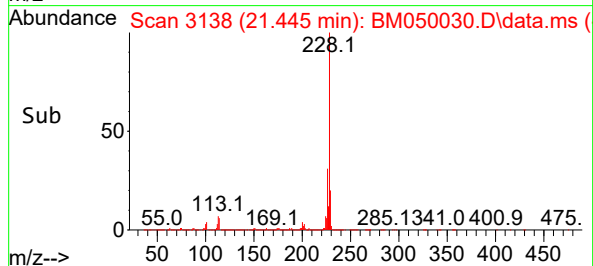
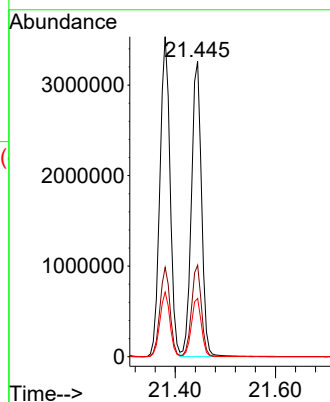
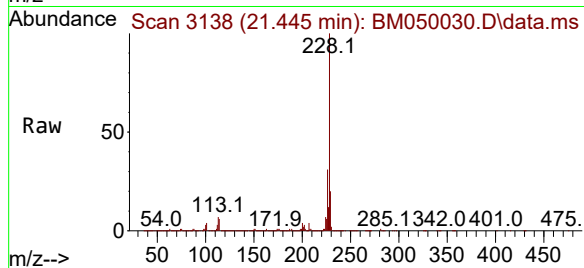
Tgt Ion:228 Resp: 4549388

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.192 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

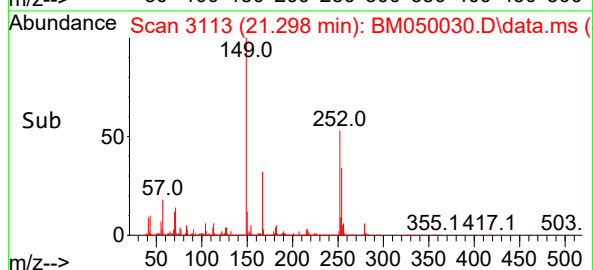
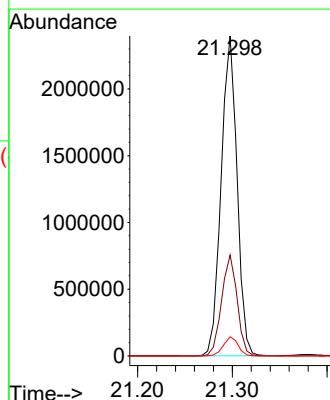
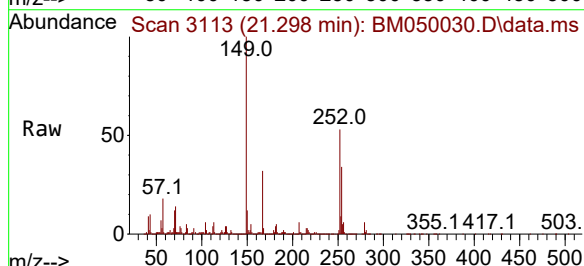
Tgt Ion:149 Resp: 2797195

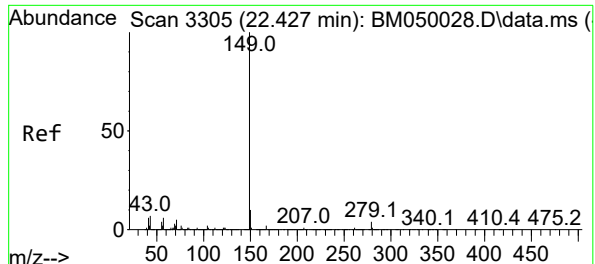
Ion Ratio Lower Upper

149 100

167 31.6 24.1 36.1

279 6.0 3.9 5.9#

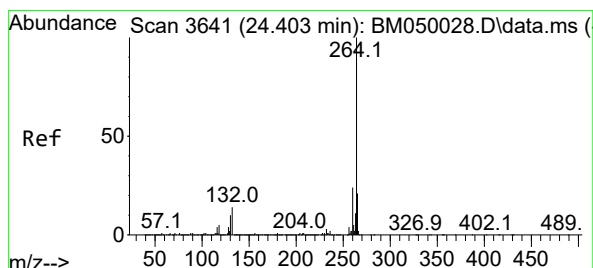
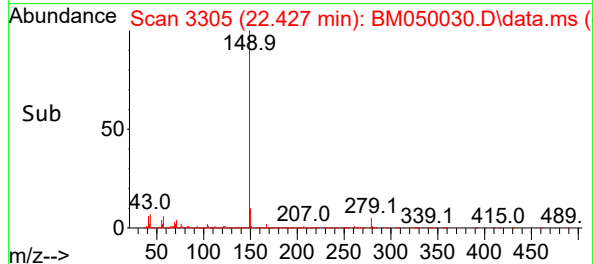
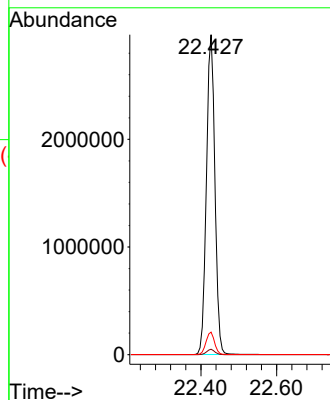
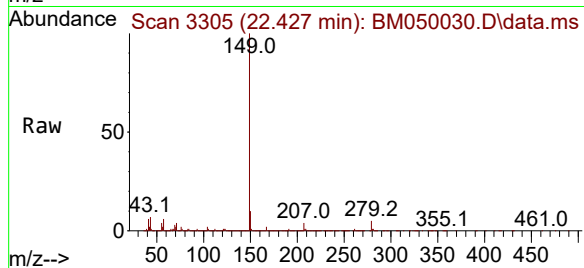




#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

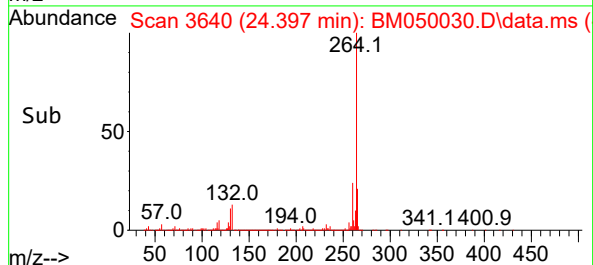
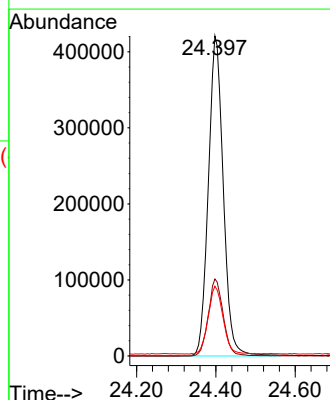
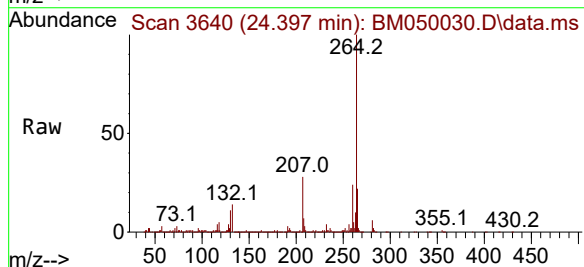
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

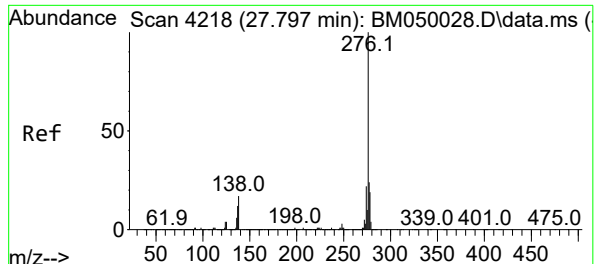
Tgt Ion:149 Resp: 4605837
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.8 17.0 25.4

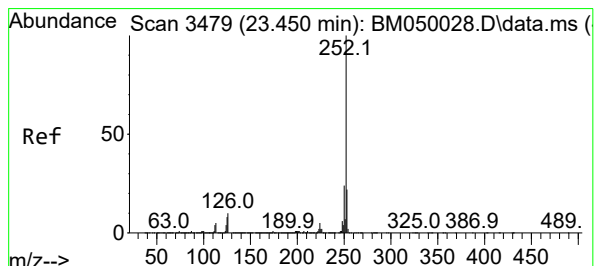
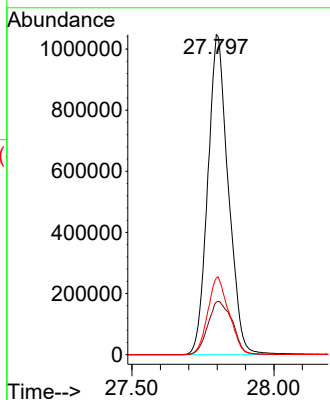
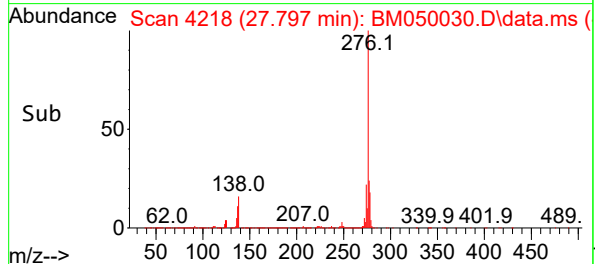
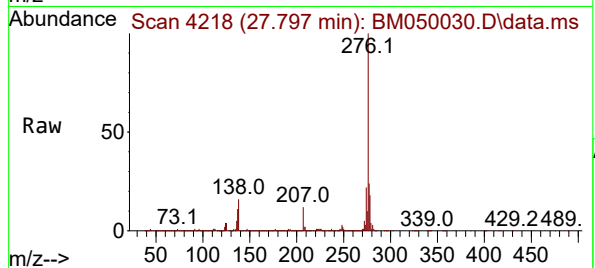




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

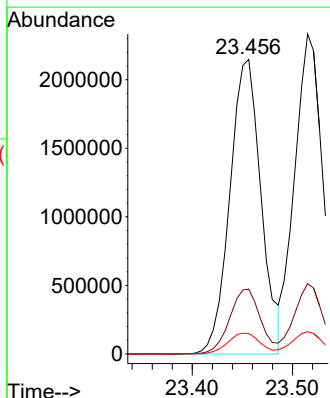
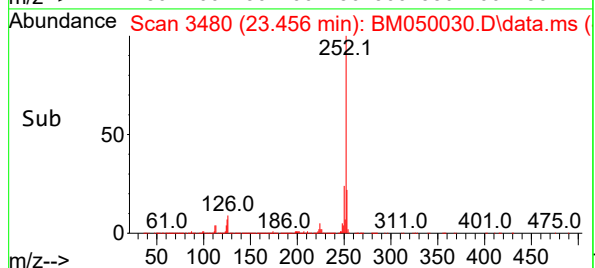
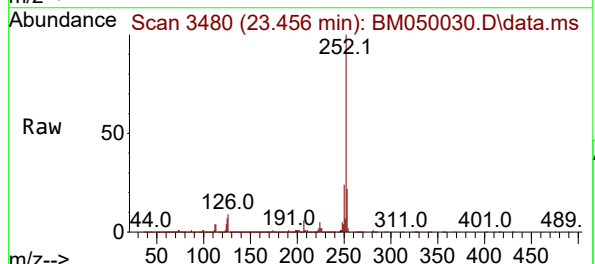
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

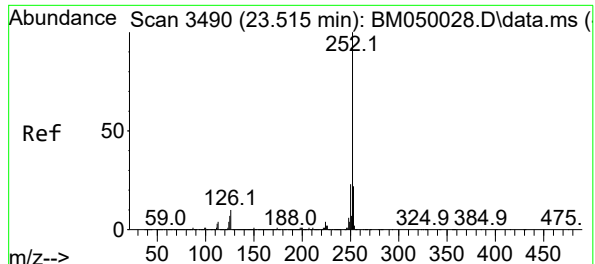
Tgt Ion:276 Resp: 5248662
Ion Ratio Lower Upper
276 100
138 19.9 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.9 6.1 9.1

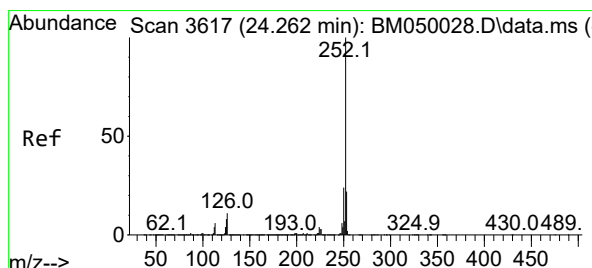
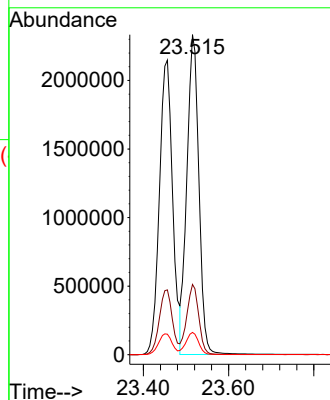
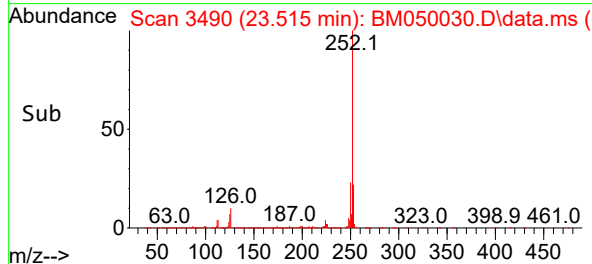
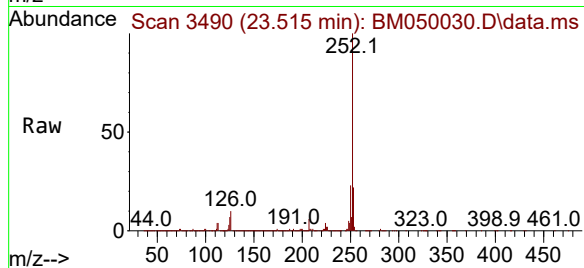




#89
Benzo(k)fluoranthene
Concen: 63.050 ng
RT: 23.515 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

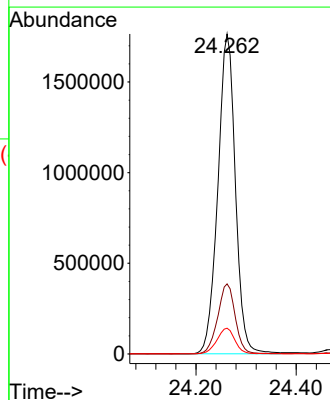
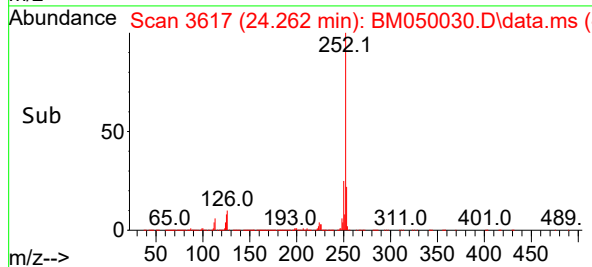
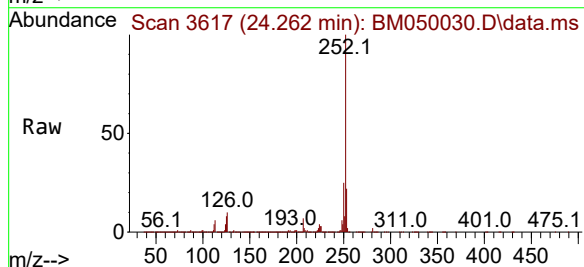
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

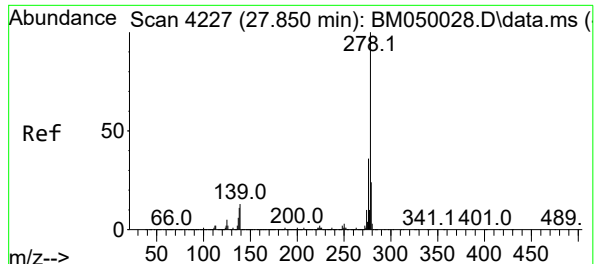
Tgt Ion:252 Resp: 4561134
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.0 5.8 8.8



#90
Benzo(a)pyrene
Concen: 63.936 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4281665
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.0 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 64.478 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

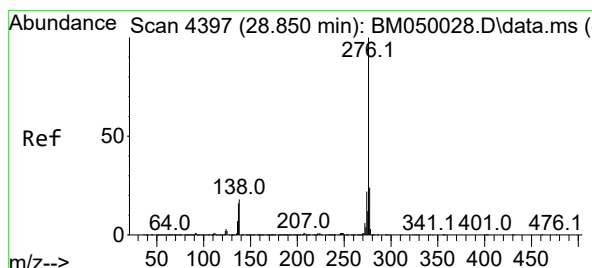
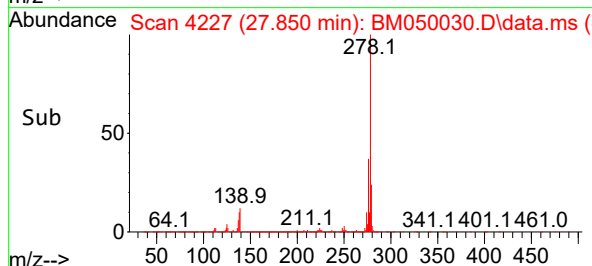
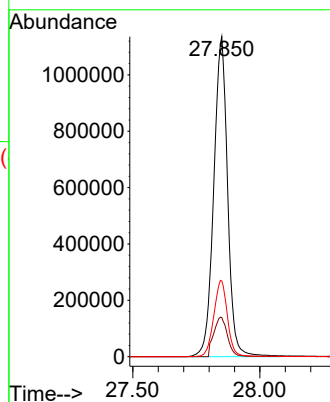
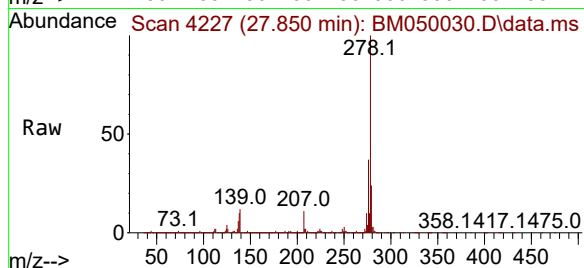
Tgt Ion:278 Resp: 4305928

Ion Ratio Lower Upper

278 100

139 12.3 10.5 15.7

279 23.6 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 63.142 ng

RT: 28.850 min Scan# 4397

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

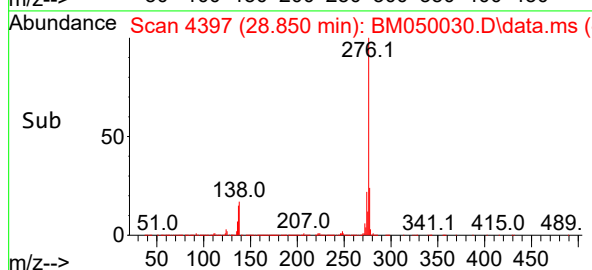
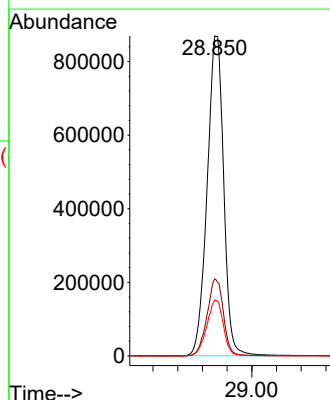
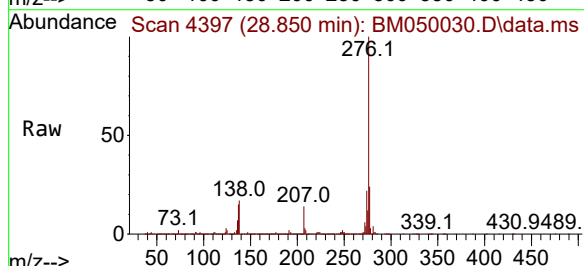
Tgt Ion:276 Resp: 4036958

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.5 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng	0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng	0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng	0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng	0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng 99
3) Pyridine	3.657	79	1267903	80.171	ng 99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng 99
6) Aniline	7.098	93	1845033	80.979	ng 99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng 100
9) Benzaldehyde	6.910	77	898993	74.544	ng 99
10) Phenol	6.981	94	1491194	81.638	ng 98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng 99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng 100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng 99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng 99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng 100
17) 2-Methylphenol	8.228	107	980375	81.473	ng 99
18) Hexachloroethane	8.845	117	513126	76.632	ng 98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng 99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng 99
22) Acetophenone	8.592	105	1815657	78.406	ng # 99
24) Nitrobenzene	8.975	77	1289068	78.871	ng 99
25) Isophorone	9.504	82	2559279	79.430	ng 100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng 99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng 99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng 99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng 99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng 99
31) Naphthalene	10.610	128	3686066	78.143	ng 100
32) Benzoic acid	9.951	122	800660	90.660	ng 97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng 99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng 99
35) Caprolactam	11.539	113	371164	82.060	ng 98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng 99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng 99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng 99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng 99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng 99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

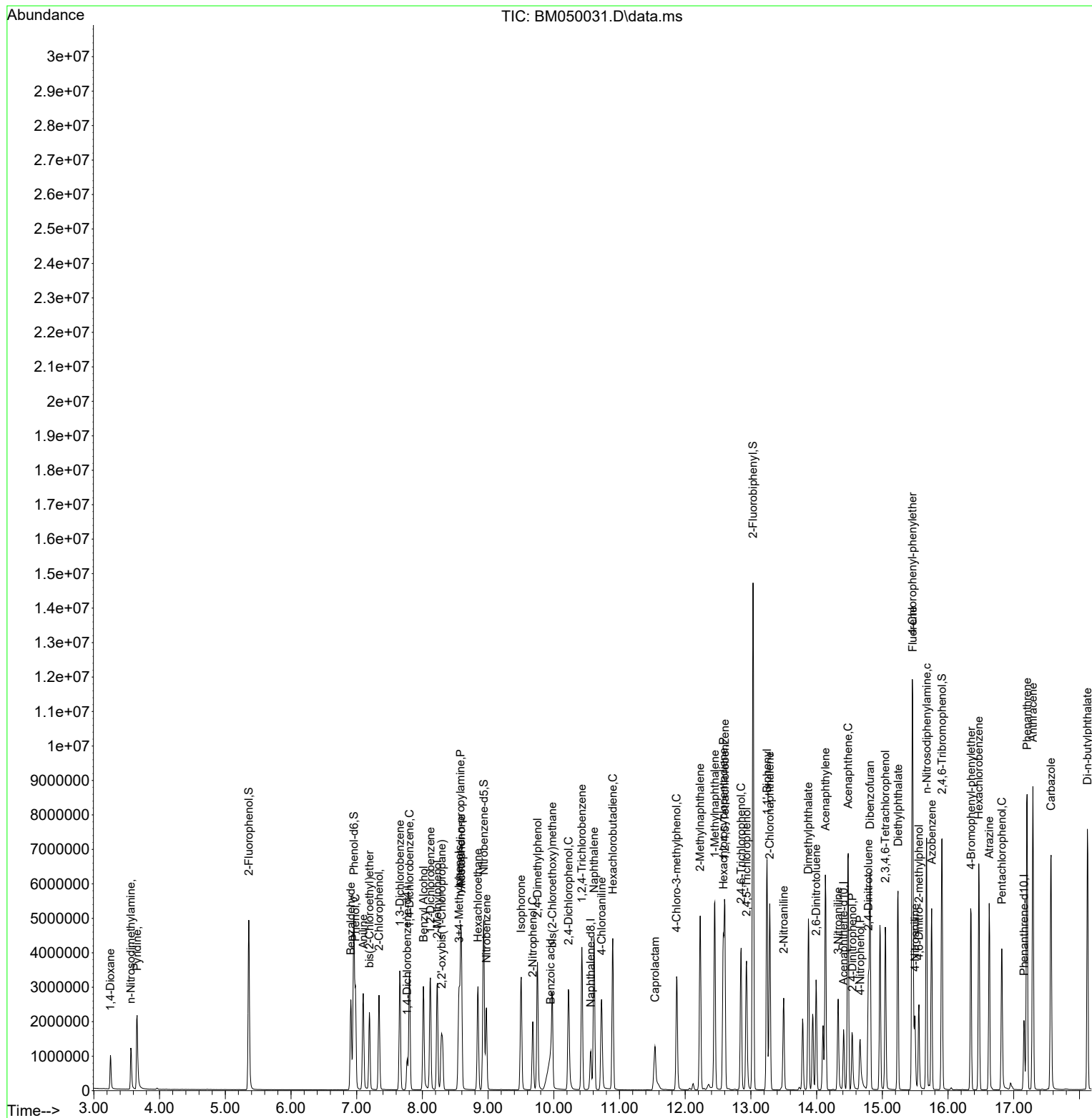
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng	98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng	99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng	99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng	99
49) Acenaphthylene	14.133	152	4526874	79.492	ng	99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng	99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng	99
52) Acenaphthene	14.480	154	2618967	79.452	ng	100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng	100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng	98
55) Dibenzofuran	14.815	168	4325783	78.875	ng	99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng	99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng	96
58) Fluorene	15.462	166	3565506	79.426	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng	96
60) Diethylphthalate	15.239	149	3257954	77.118	ng	97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng	96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng	99
63) Azobenzene	15.751	77	2723186	76.914	ng	95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng	94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng	95
69) Atrazine	16.627	200	1116818	83.174	ng	100
70) Pentachlorophenol	16.821	266	843195	88.648	ng	99
71) Phenanthrene	17.203	178	5487968	80.266	ng	99
72) Anthracene	17.292	178	5597195	80.893	ng	99
73) Carbazole	17.568	167	4845637	80.705	ng	99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng	99
75) Fluoranthene	19.221	202	6841999	85.234	ng	99
77) Benzidine	19.403	184	3598340	84.575	ng	100
78) Pyrene	19.580	202	6959279	82.738	ng	99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng	97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng	99
83) Chrysene	21.444	228	6207632	81.316	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	# 96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng	98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng	99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng	99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng	99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

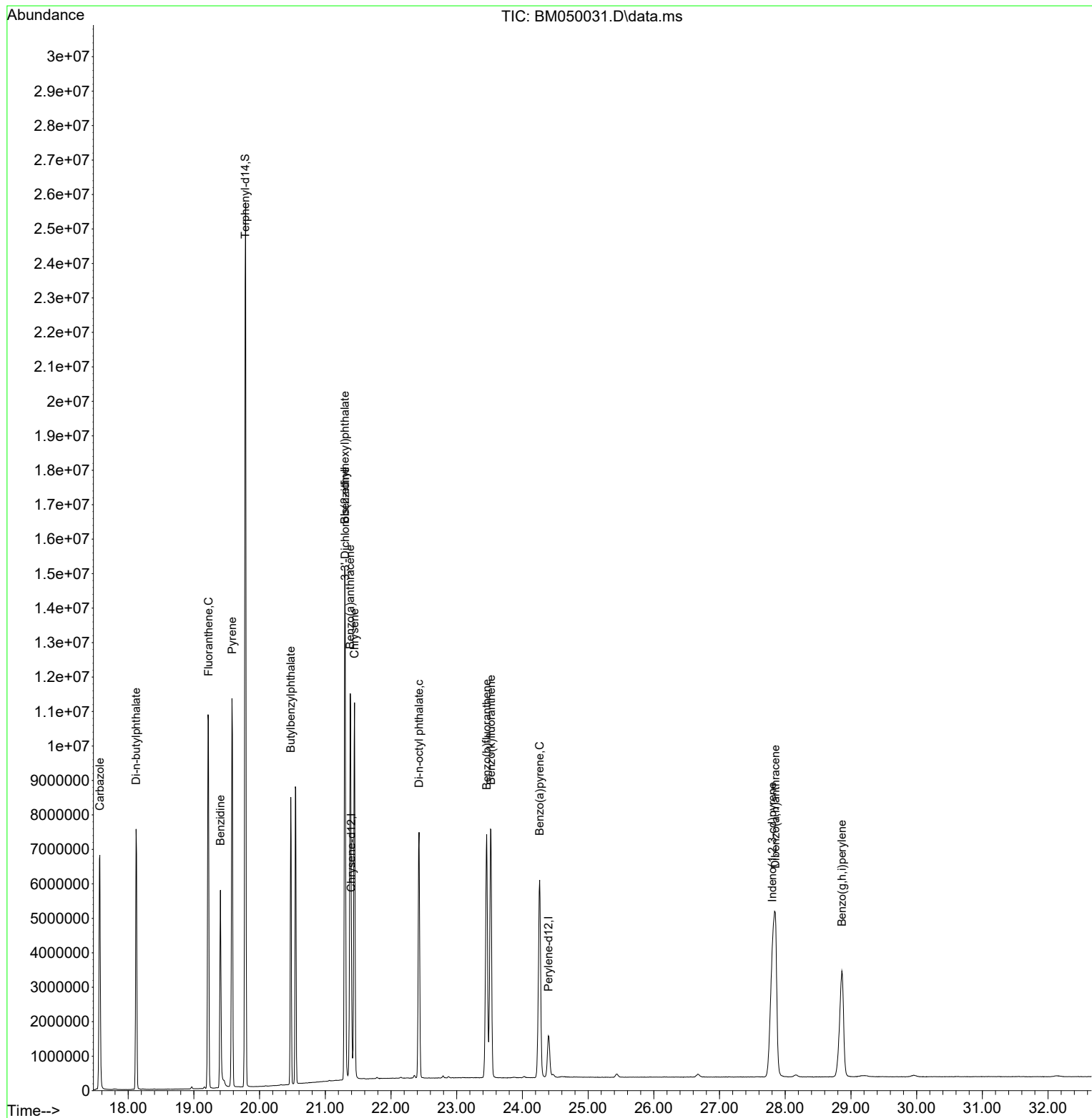
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 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

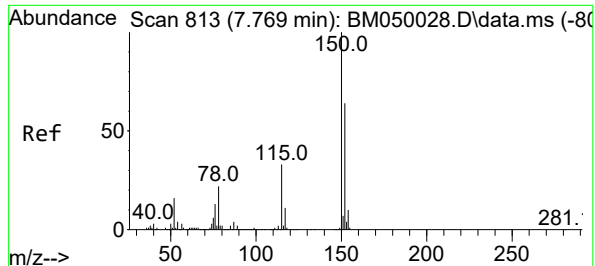


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Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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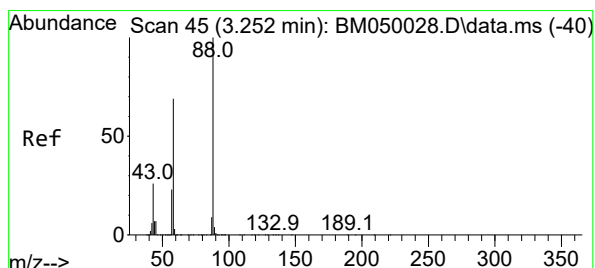
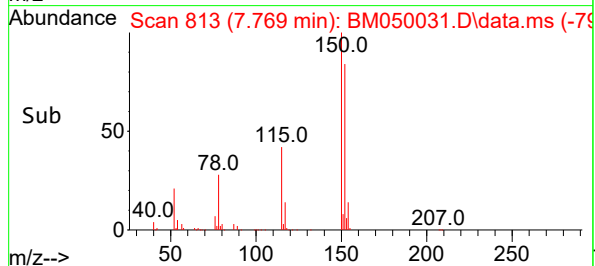
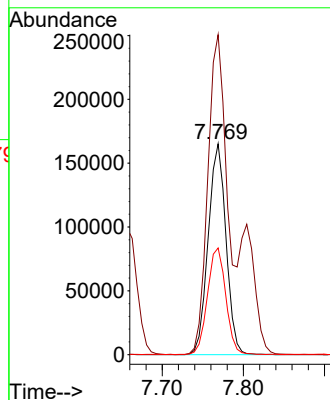
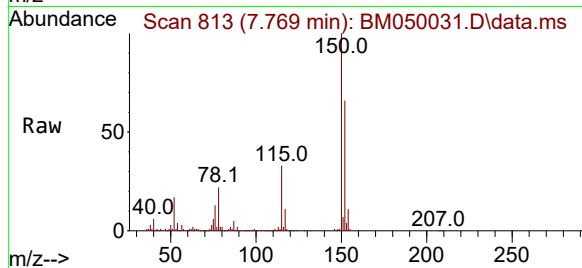




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

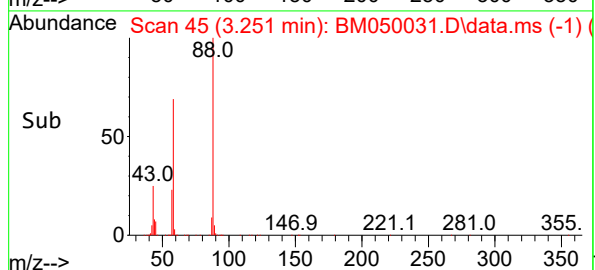
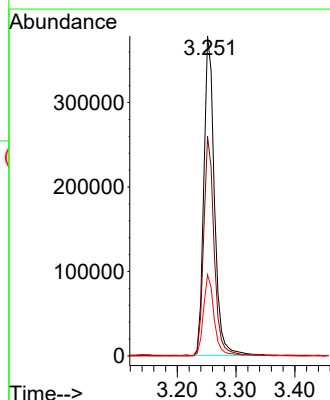
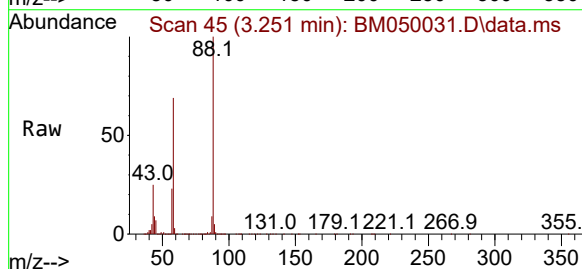
Instrument :
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ClientSampleId :
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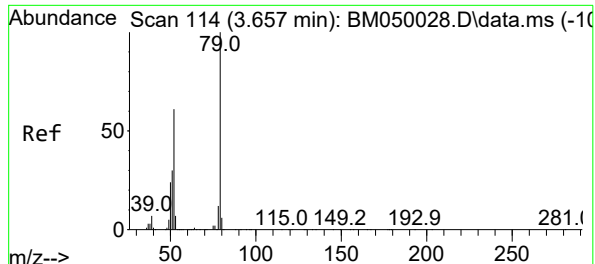
Tgt Ion:152 Resp: 251380
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 50.6 41.2 61.8



#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912
Ion Ratio Lower Upper
88 100
58 68.0 55.1 82.7
43 25.3 20.9 31.3

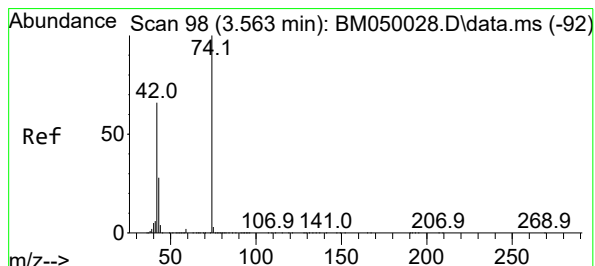
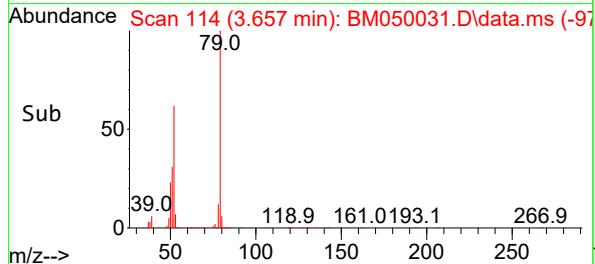
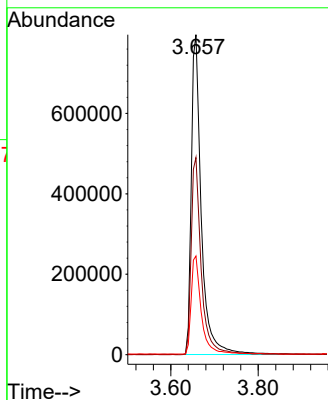
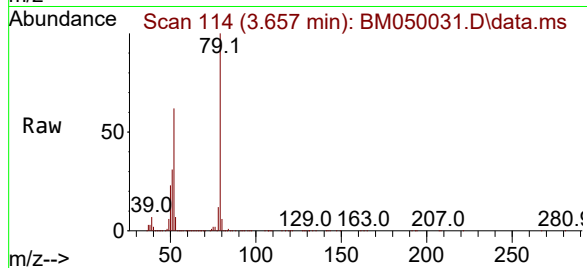




#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

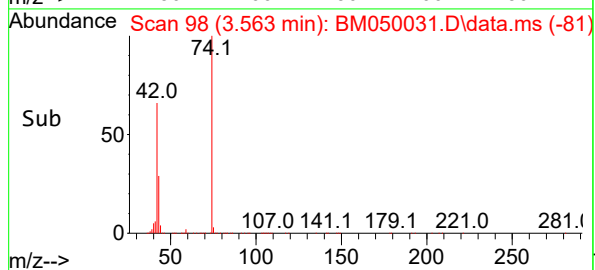
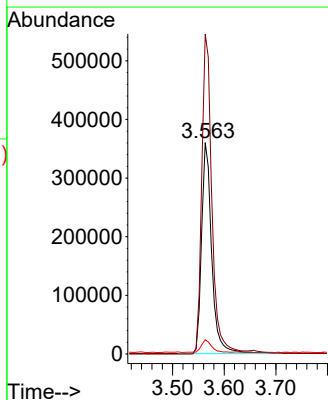
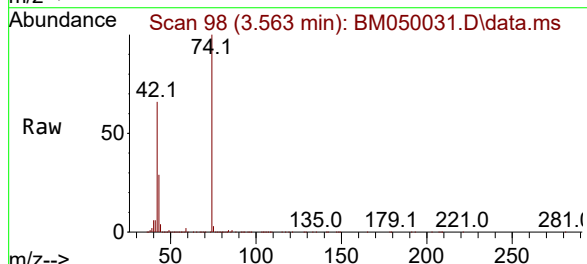
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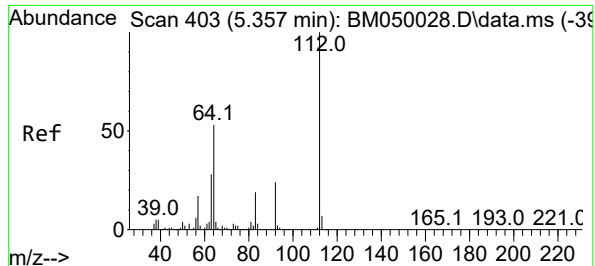
Tgt Ion: 79 Resp: 1267903
Ion Ratio Lower Upper
79 100
52 61.6 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501
Ion Ratio Lower Upper
42 100
74 151.4 120.2 180.2
44 6.8 6.2 9.2

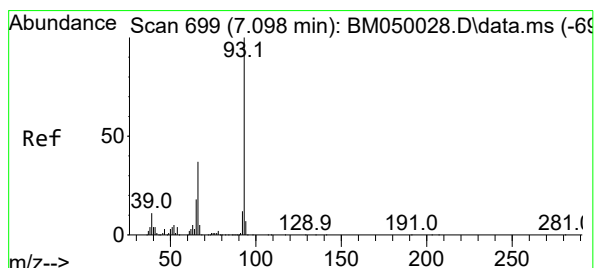
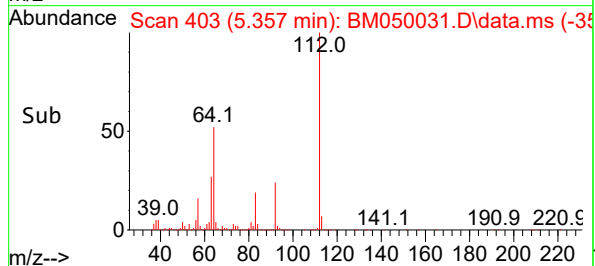
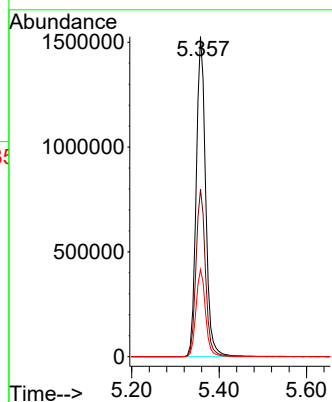
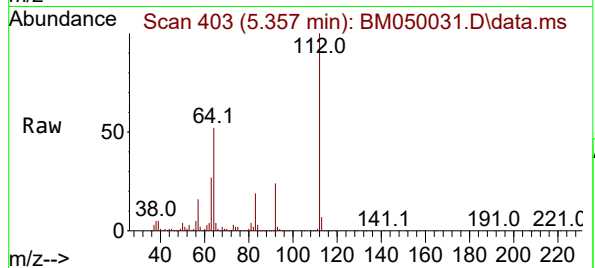




#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

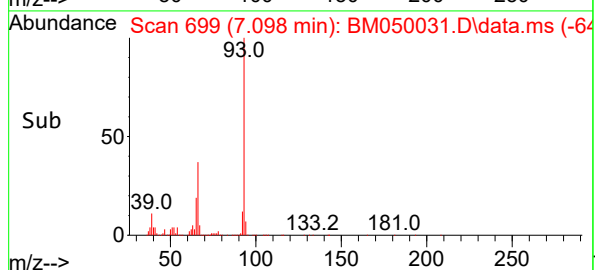
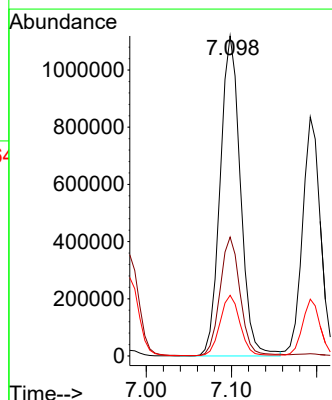
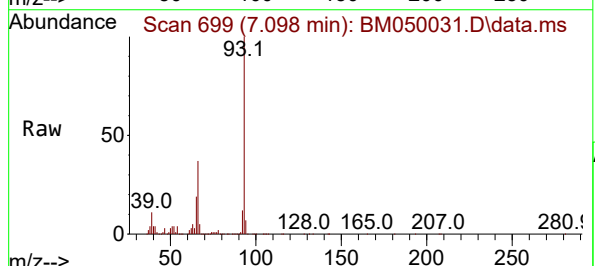
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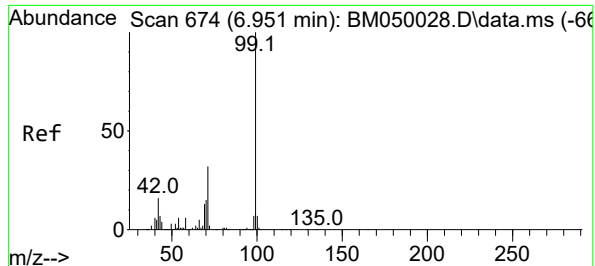
Tgt Ion:112 Resp: 2297313
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.2 22.2 33.4



#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033
Ion Ratio Lower Upper
93 100
66 37.2 29.9 44.9
65 19.0 14.5 21.7

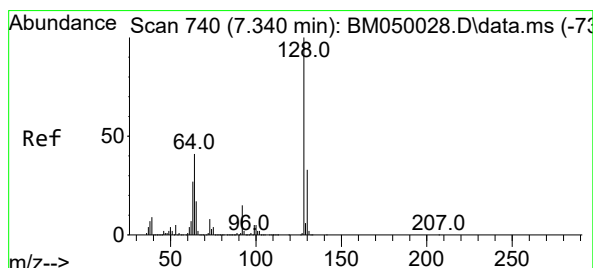
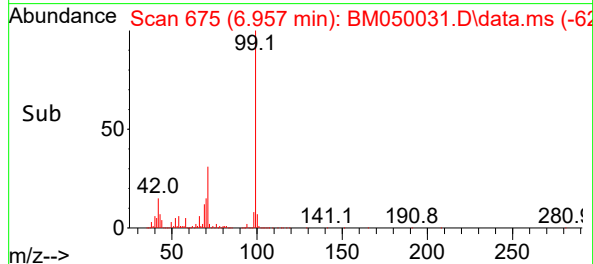
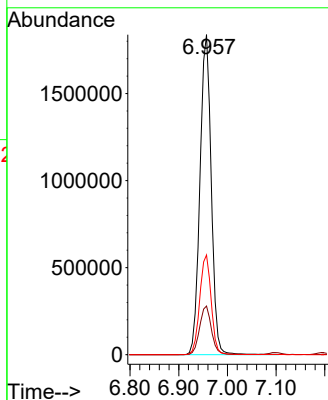
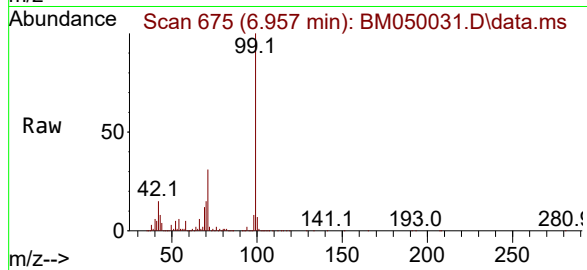




#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

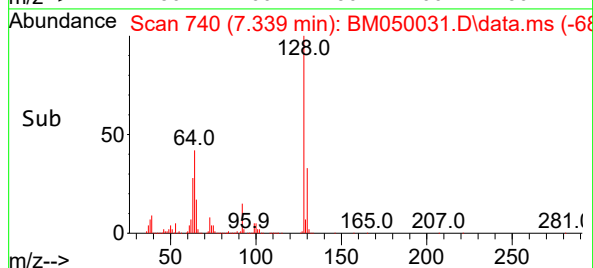
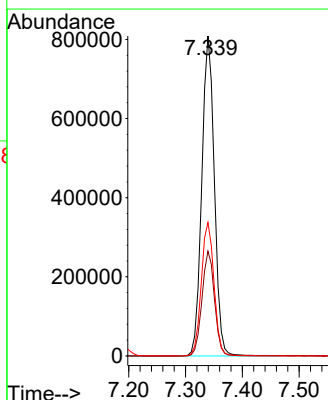
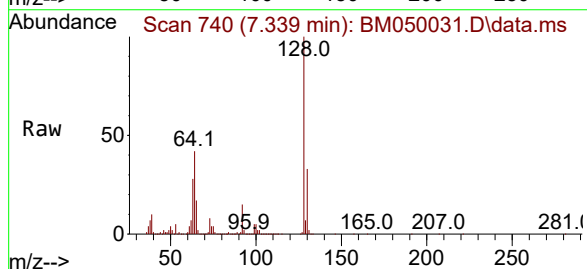
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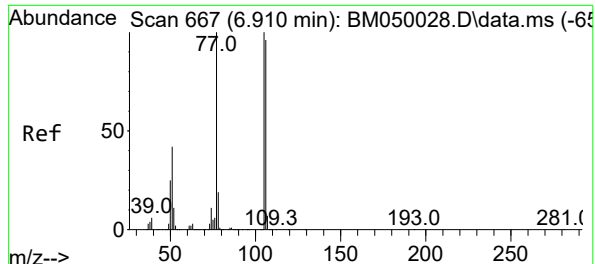
Tgt Ion: 99 Resp: 2954036
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 31.1 25.6 38.4



#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 128 Resp: 1241711
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.7 21.2 61.2

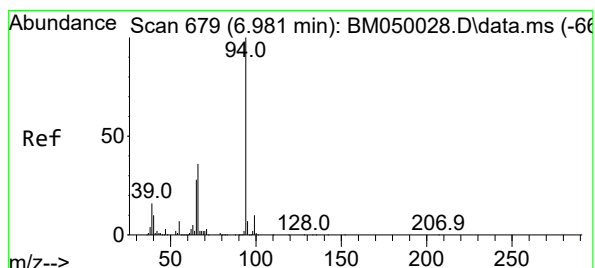
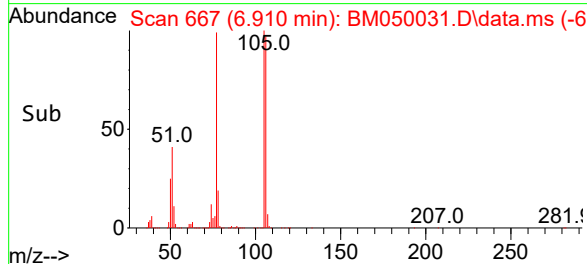
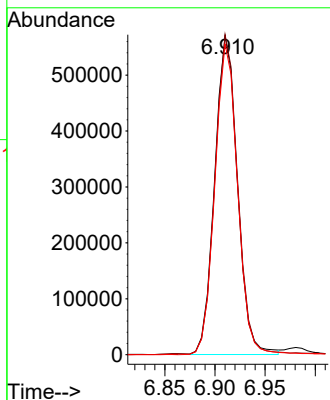
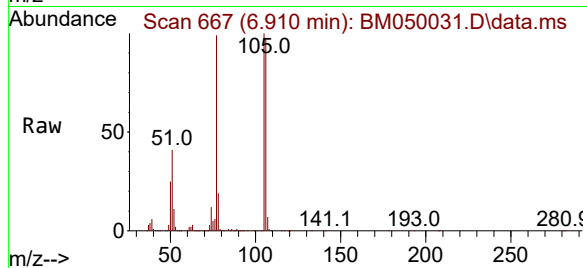




#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

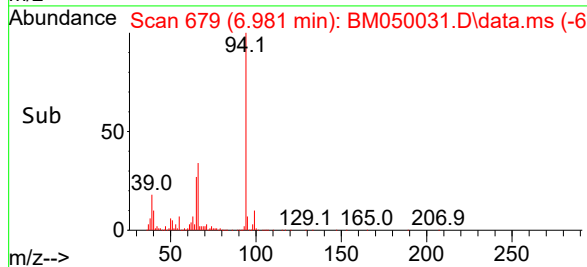
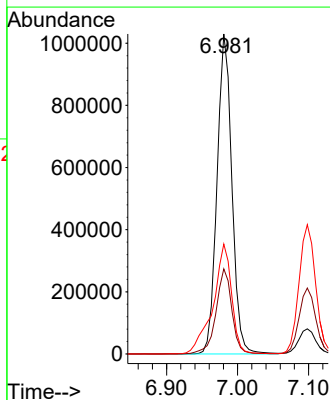
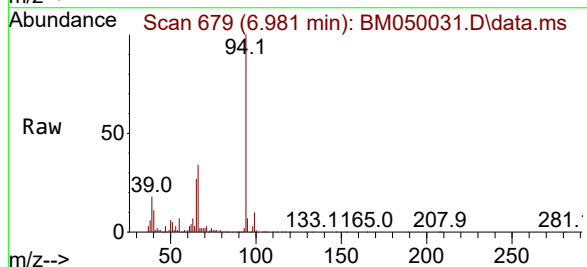
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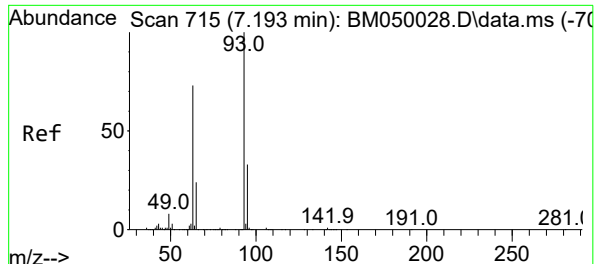
Tgt Ion: 77 Resp: 898993
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 97.5 76.1 116.1



#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 34.4 15.8 55.8

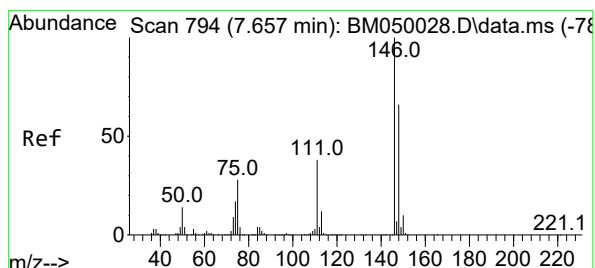
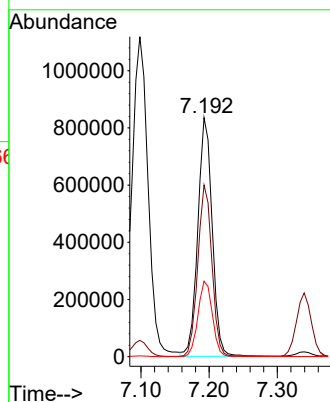
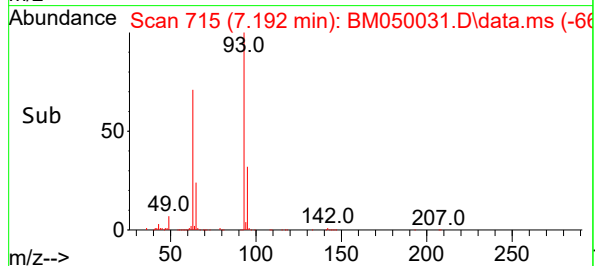
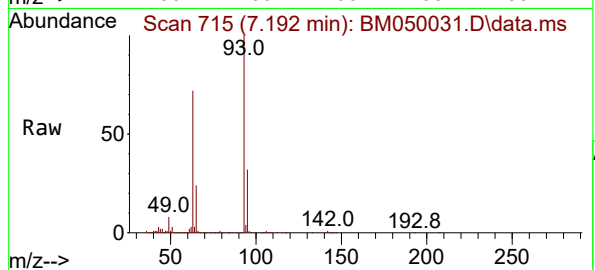




#11
bis(2-Chloroethyl)ether
Concen: 80.283 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

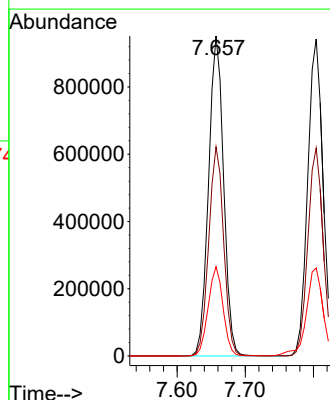
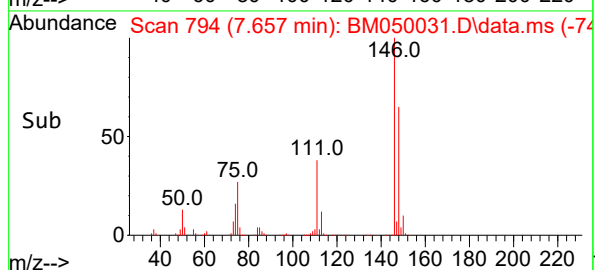
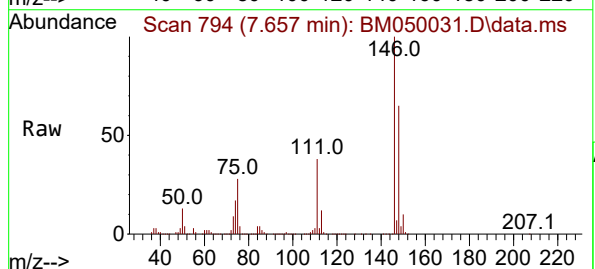
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ClientSampleId :
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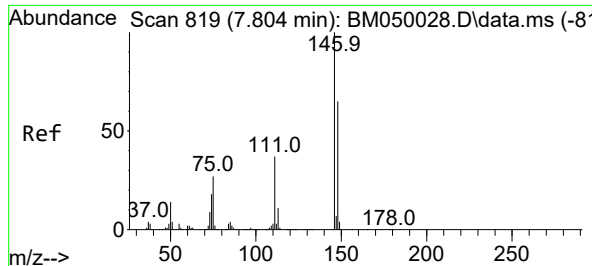
Tgt Ion: 93 Resp: 1224517
Ion Ratio Lower Upper
93 100
63 71.8 52.3 92.3
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 77.912 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820
Ion Ratio Lower Upper
146 100
148 65.3 52.5 78.7
75 27.9 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 77.822 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

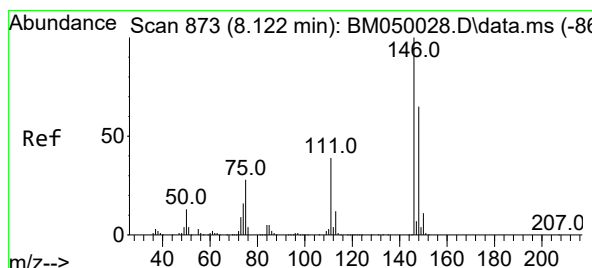
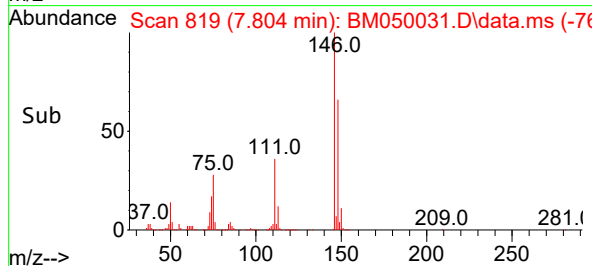
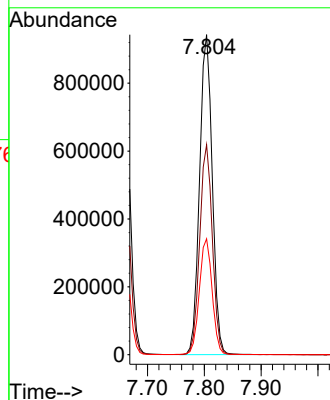
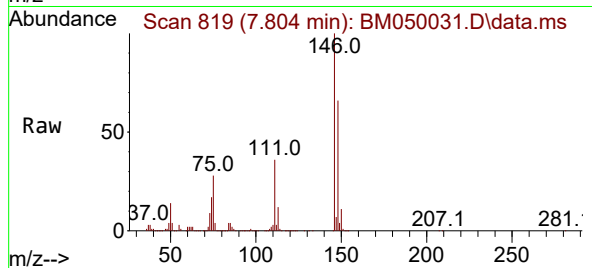
Tgt Ion:146 Resp: 1465881

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

111 36.2 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 77.618 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

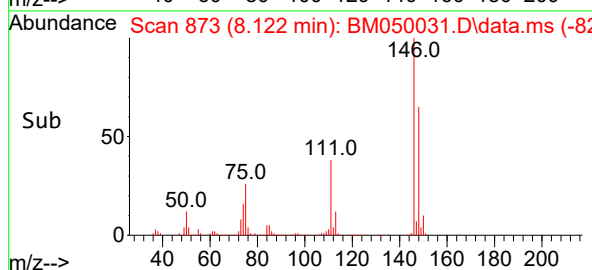
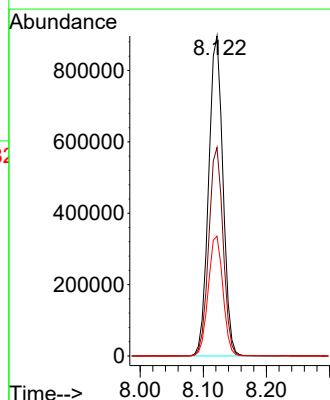
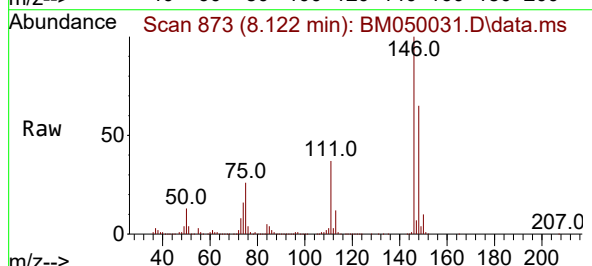
Tgt Ion:146 Resp: 1412270

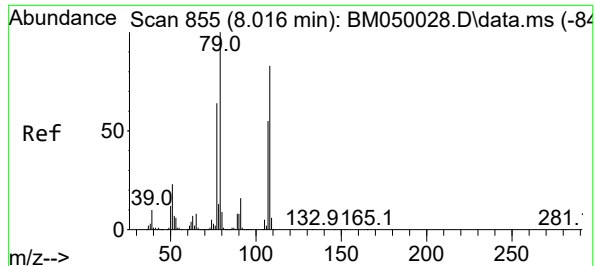
Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

111 37.5 31.0 46.6





#15

Benzyl Alcohol

Concen: 84.339 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

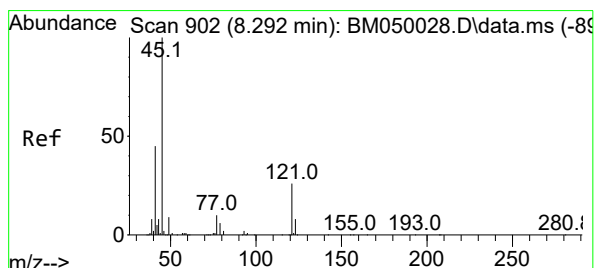
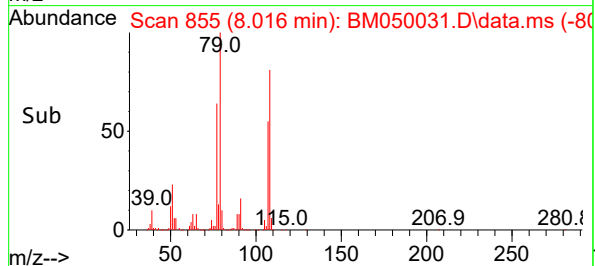
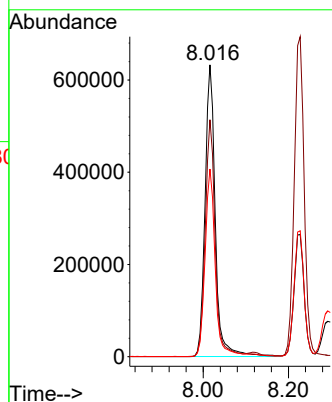
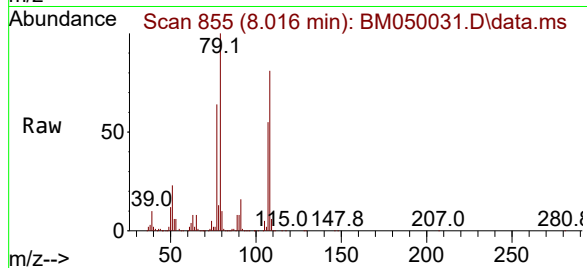
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 77.694 ng

RT: 8.292 min Scan# 902

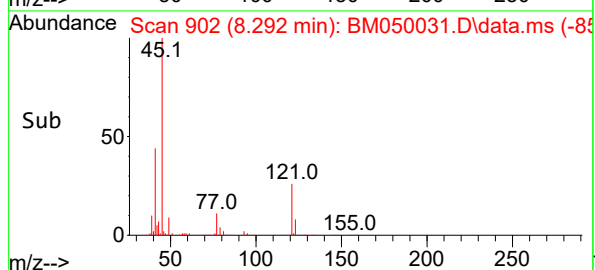
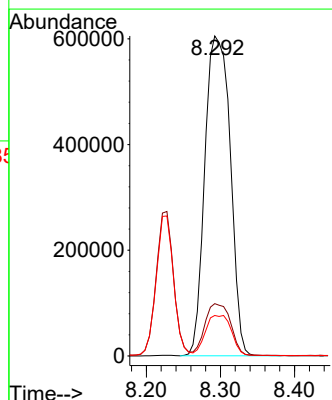
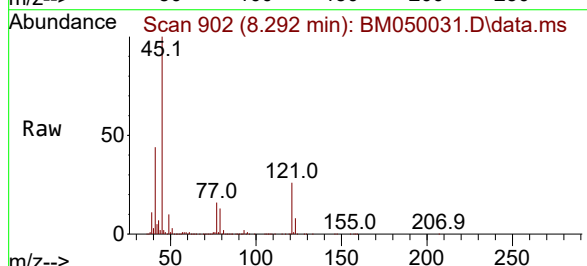
Delta R.T. -0.000 min

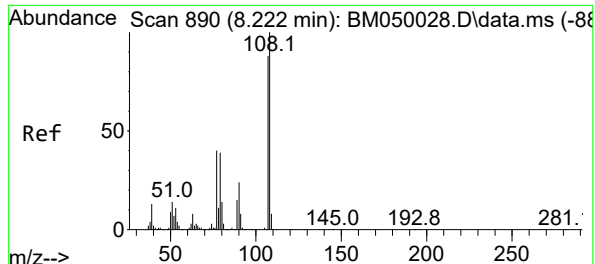
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

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





#17

2-Methylphenol

Concen: 81.473 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 980375

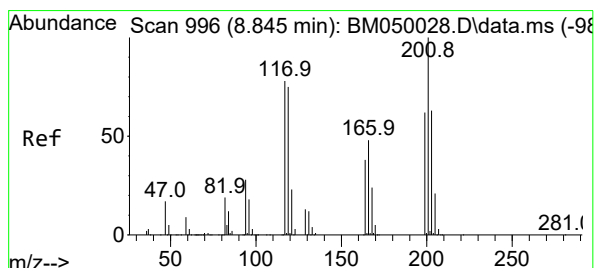
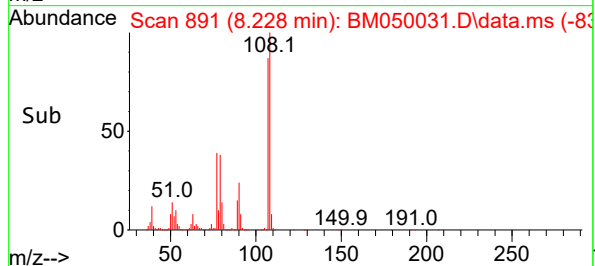
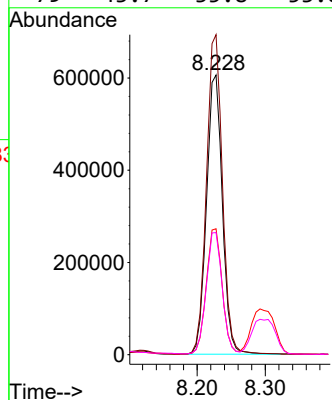
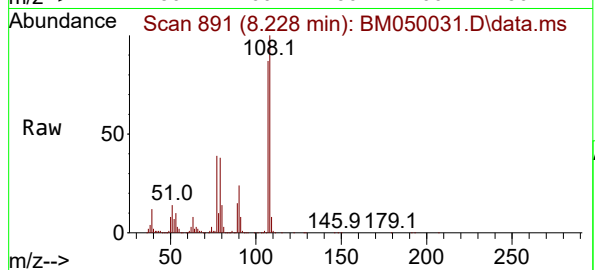
Ion Ratio Lower Upper

107 100

108 114.4 91.1 136.7

77 45.1 36.2 54.4

79 43.7 35.8 53.8



#18

Hexachloroethane

Concen: 76.632 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

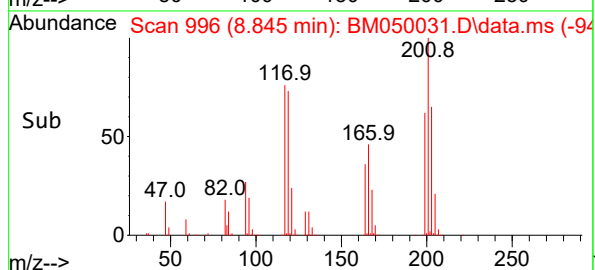
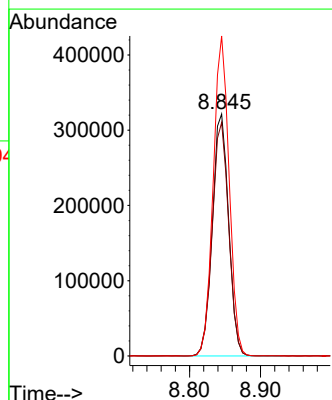
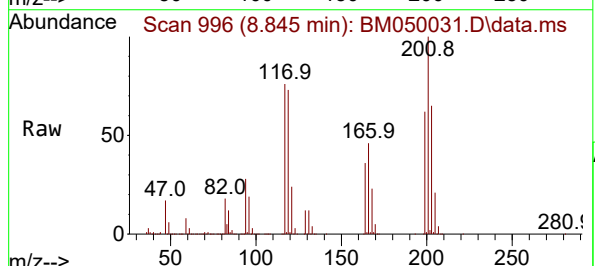
Tgt Ion:117 Resp: 513126

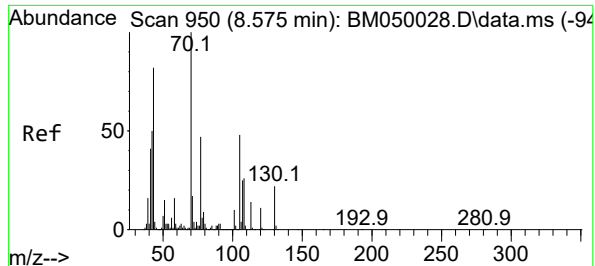
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

201 132.3 102.8 154.2

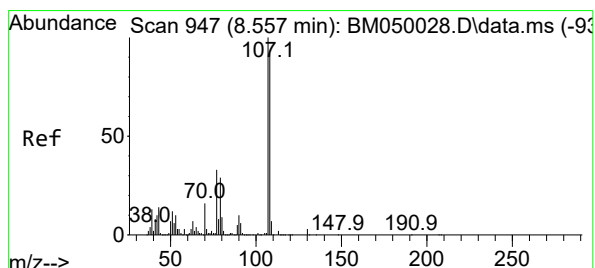
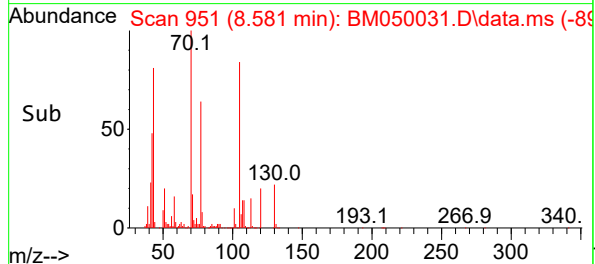
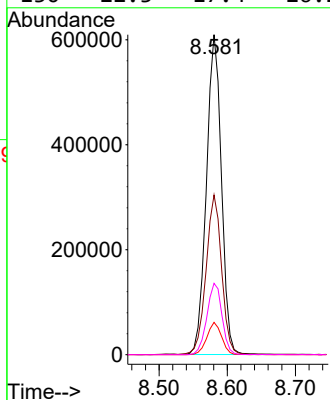
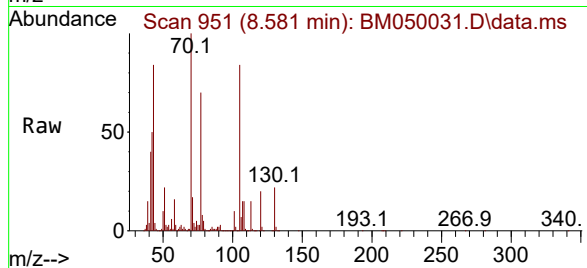




#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

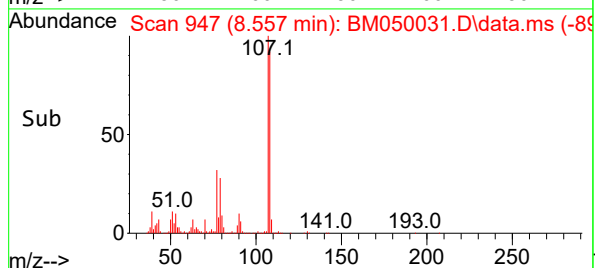
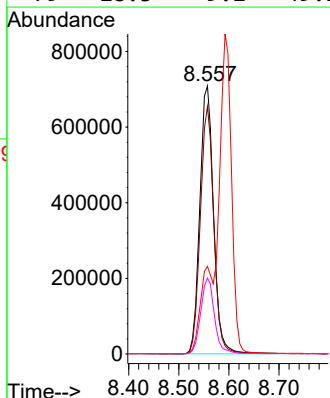
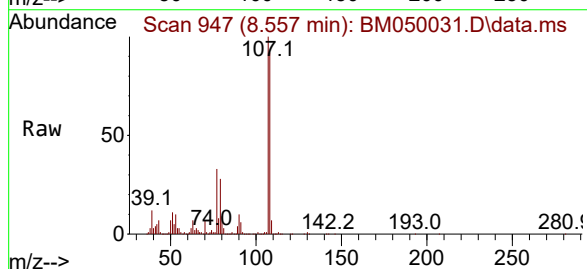
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

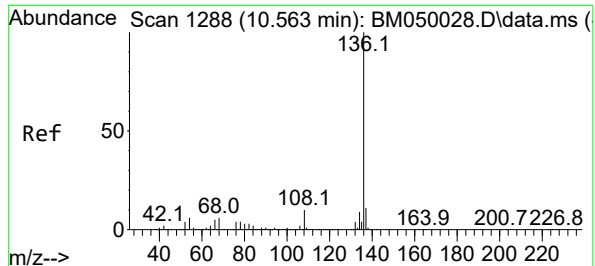
Tgt Ion: 70 Resp: 933468
Ion Ratio Lower Upper
70 100
42 49.9 40.5 60.7
101 10.1 7.8 11.6
130 22.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 107 Resp: 1348190
Ion Ratio Lower Upper
107 100
108 92.3 72.4 112.4
77 32.6 13.6 53.6
79 28.3 9.2 49.2

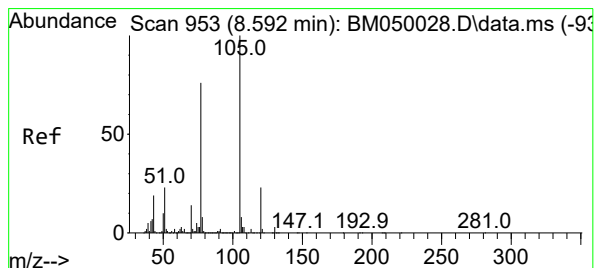
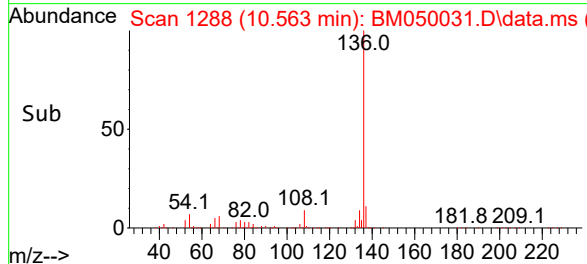
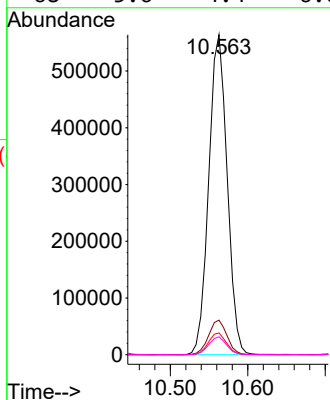
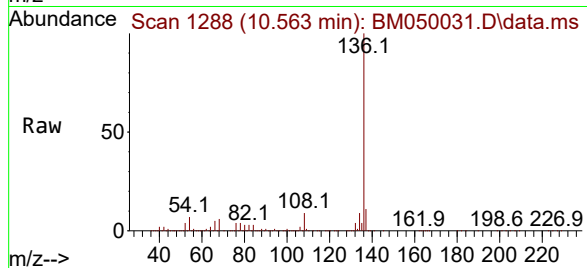




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

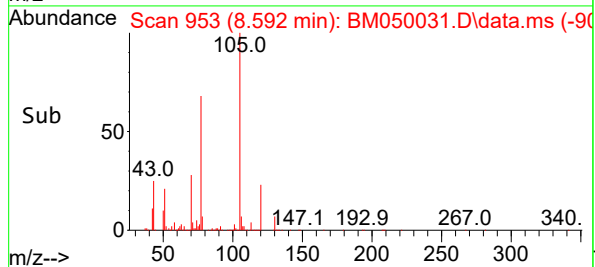
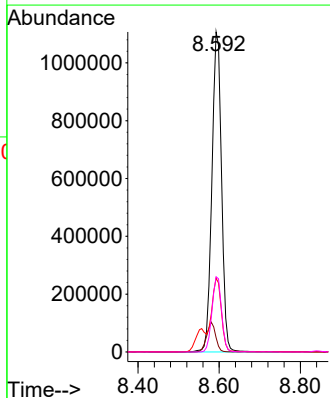
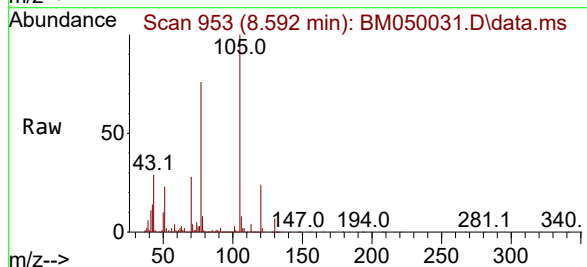
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

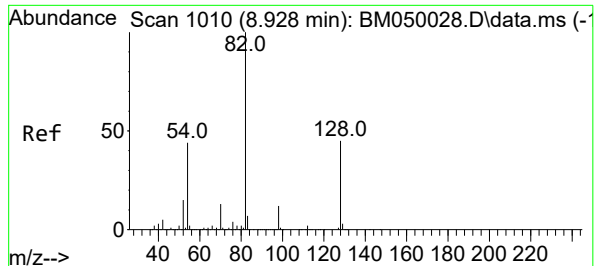
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6



#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.7	2.5
51	23.0	18.6	27.8
120	23.5	18.3	27.5





#23

Nitrobenzene-d5

Concen: 157.875 ng

RT: 8.933 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

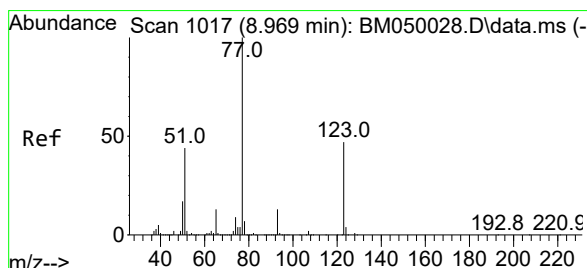
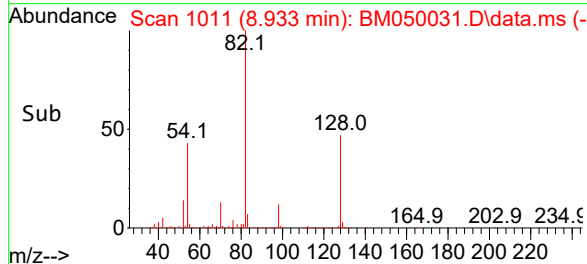
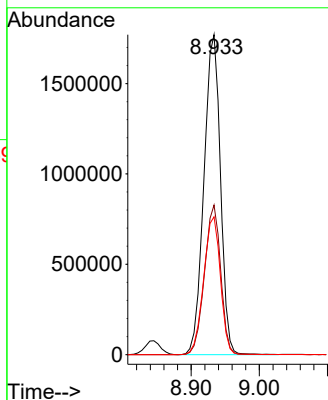
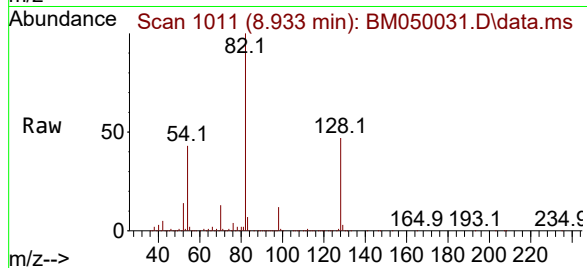
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2984192

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	43.1	35.4	53.2



#24

Nitrobenzene

Concen: 78.871 ng

RT: 8.975 min Scan# 1018

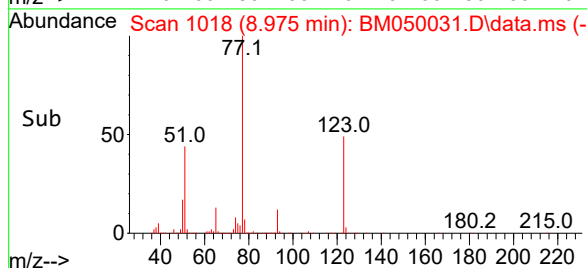
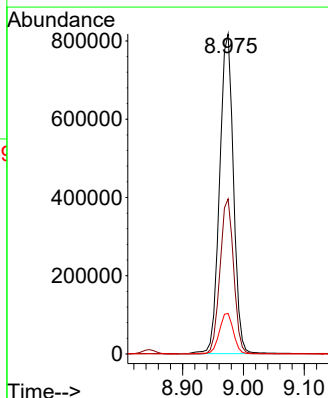
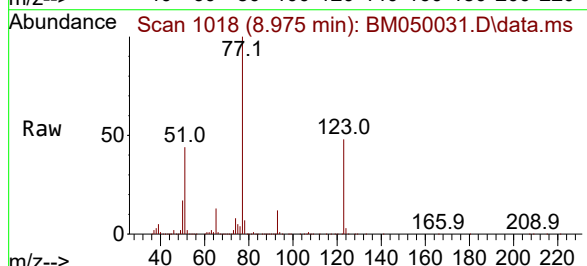
Delta R.T. 0.006 min

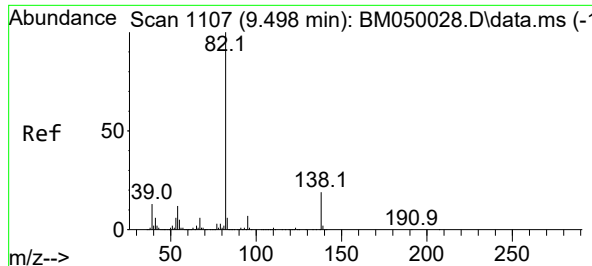
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion: 77 Resp: 1289068

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1

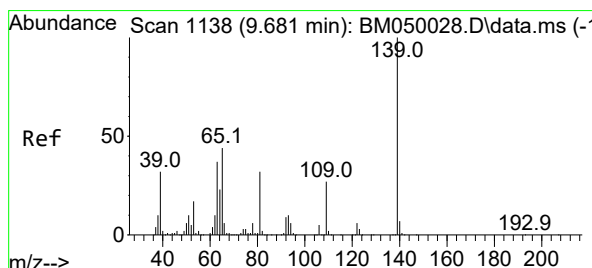
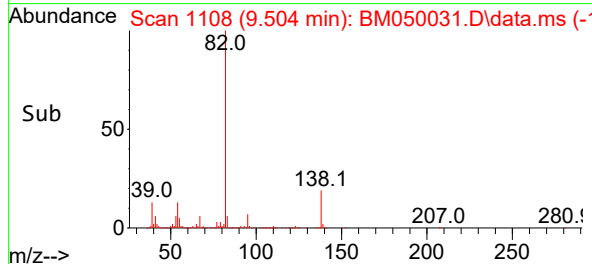
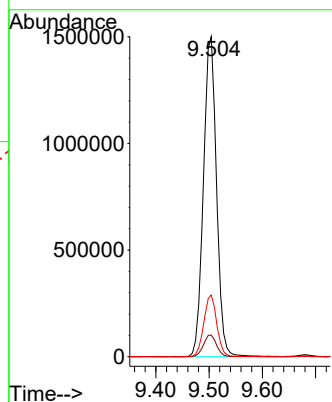
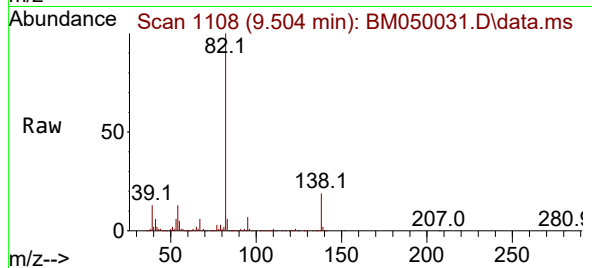




#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

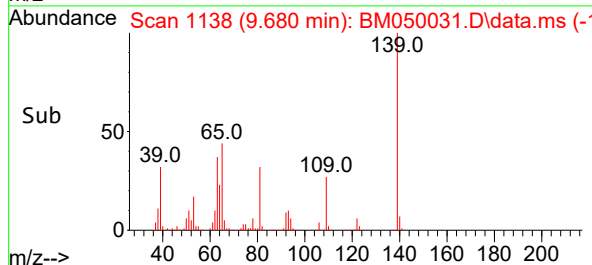
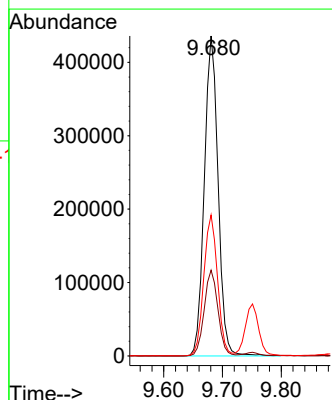
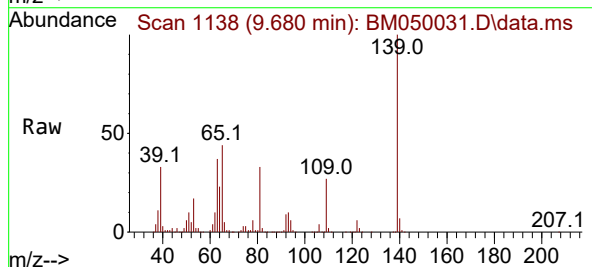
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

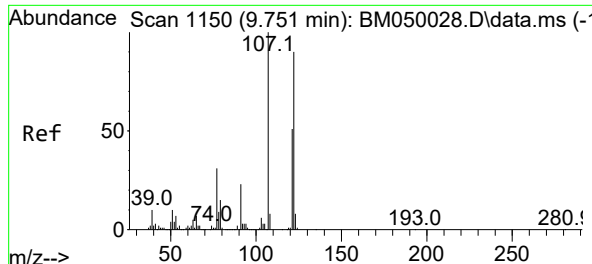
Tgt Ion: 82 Resp: 2559279
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 139 Resp: 710174
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 44.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 82.043 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

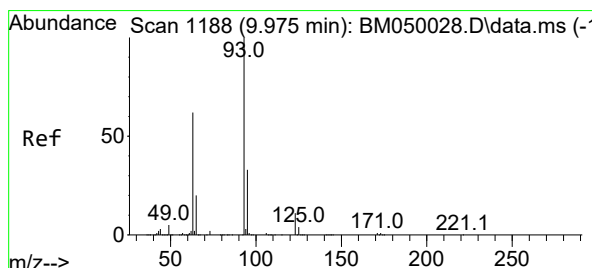
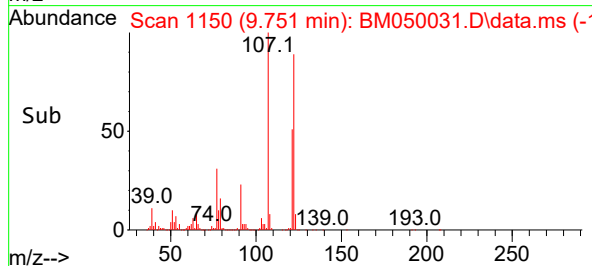
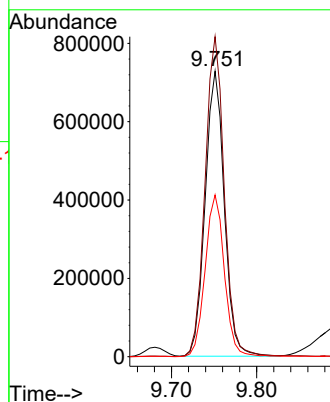
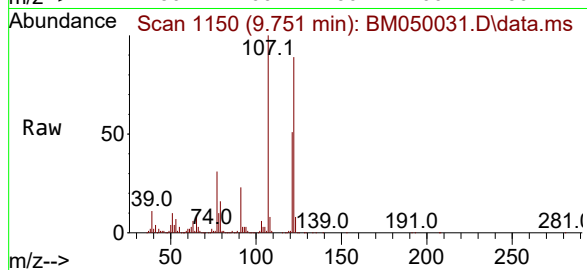
Tgt Ion:122 Resp: 1136040

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 79.437 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

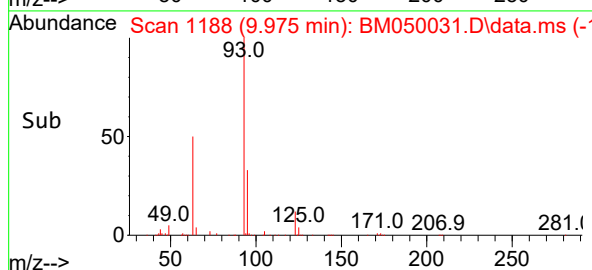
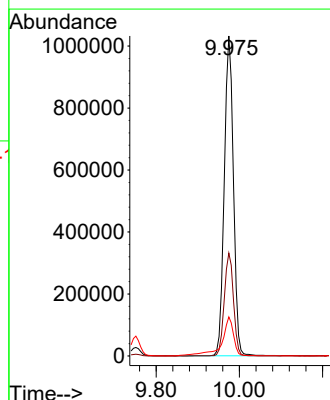
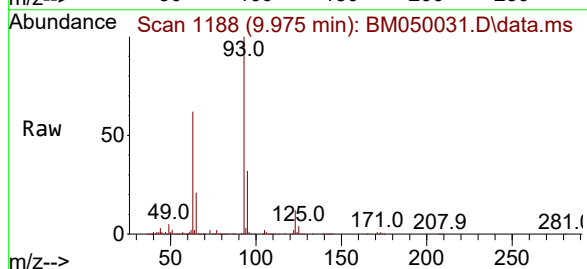
Tgt Ion: 93 Resp: 1581985

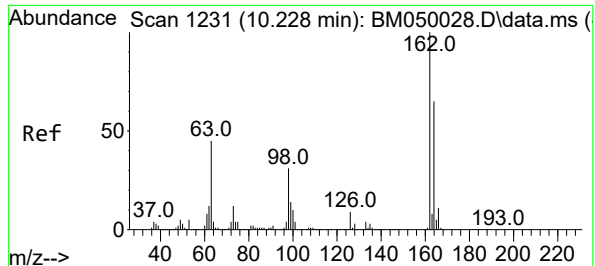
Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 82.243 ng

RT: 10.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

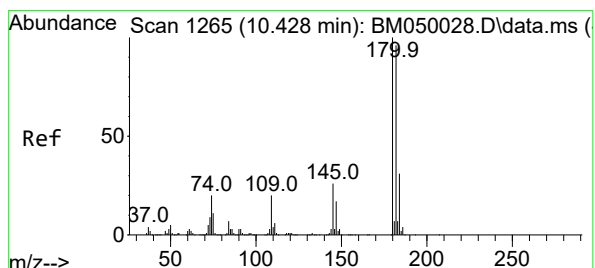
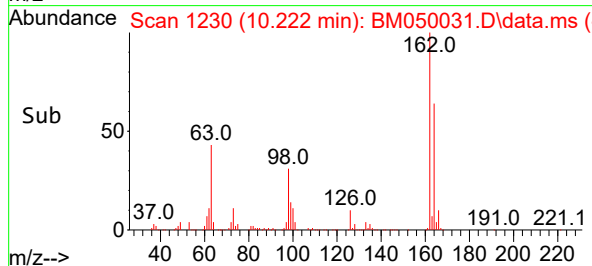
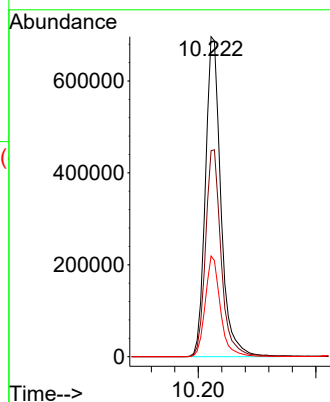
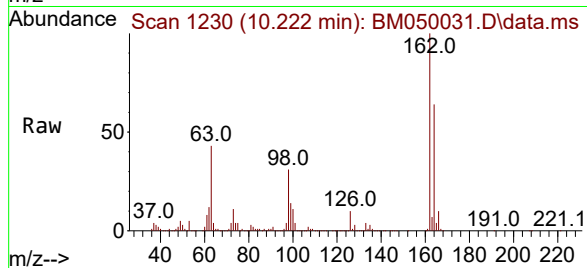
Tgt Ion:162 Resp: 1275806

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 31.4 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 78.590 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

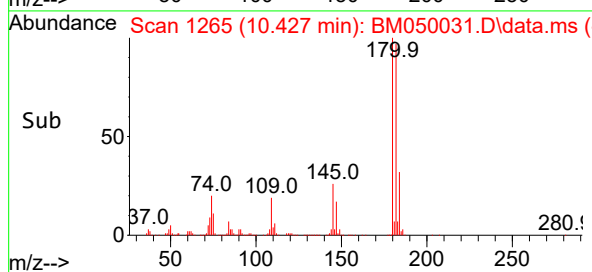
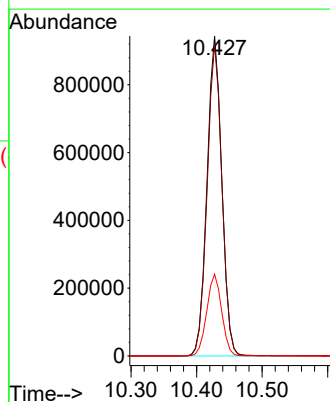
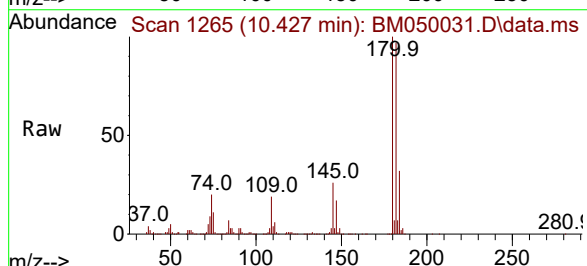
Tgt Ion:180 Resp: 1485344

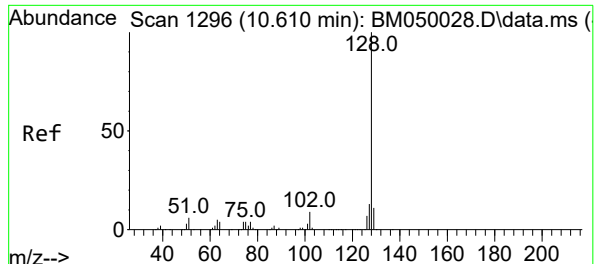
Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.4

145 25.6 20.6 30.8





#31

Naphthalene

Concen: 78.143 ng

RT: 10.610 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

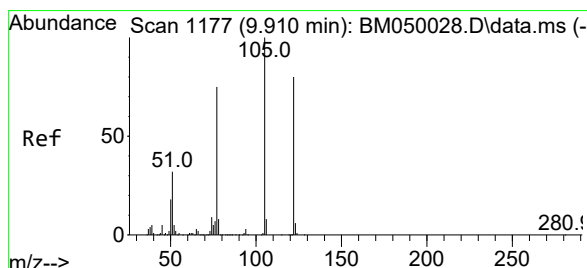
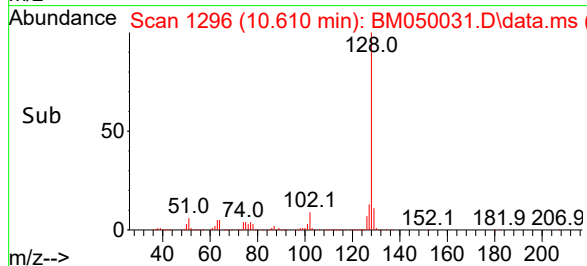
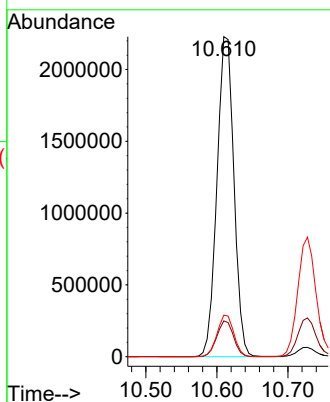
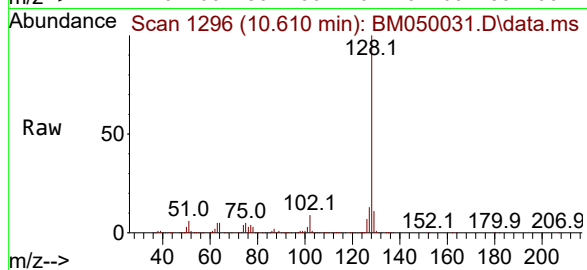
Tgt Ion:128 Resp: 3686066

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 90.660 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.041 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

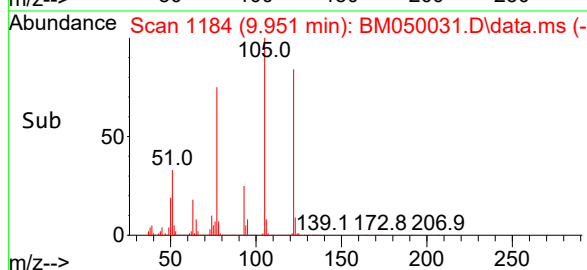
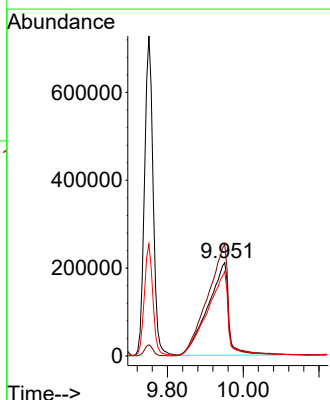
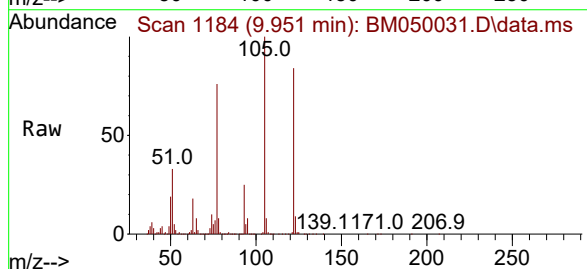
Tgt Ion:122 Resp: 800660

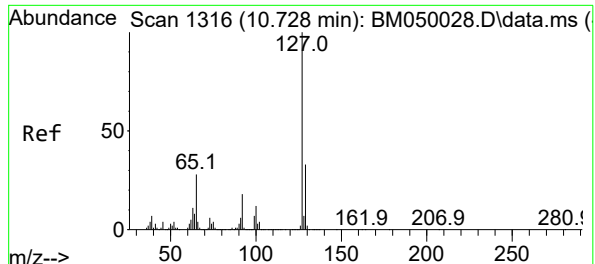
Ion Ratio Lower Upper

122 100

105 119.6 103.6 143.6

77 90.5 73.7 113.7

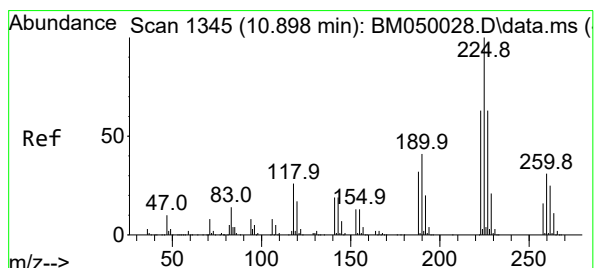
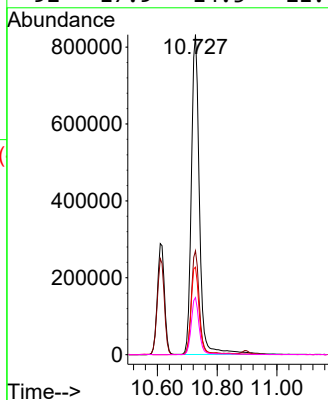
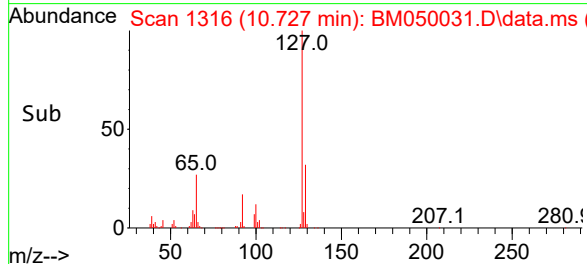
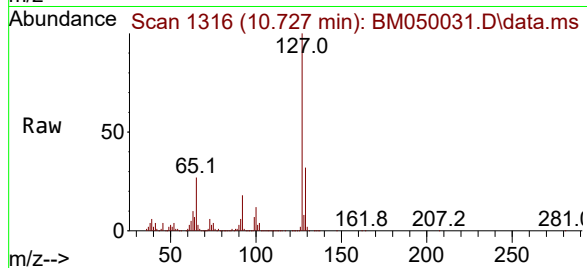




#33
4-Chloroaniline
Concen: 81.508 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

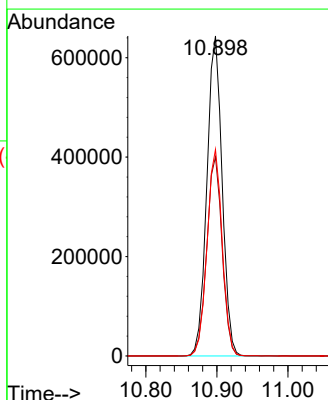
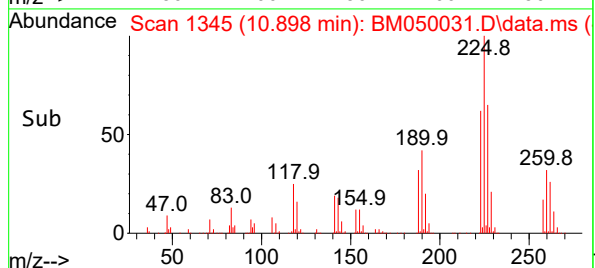
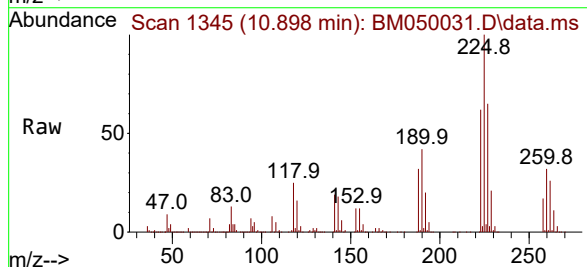
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

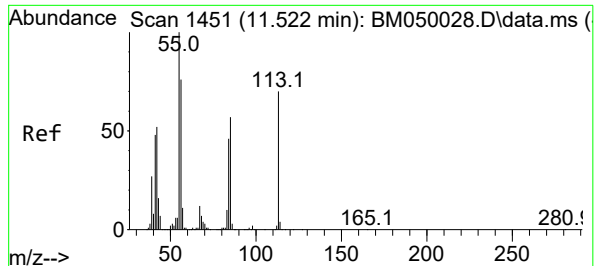
Tgt Ion:127 Resp: 1575909
Ion Ratio Lower Upper
127 100
129 32.4 26.3 39.5
65 27.3 22.5 33.7
92 17.9 14.5 21.7



#34
Hexachlorobutadiene
Concen: 80.012 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:225 Resp: 959905
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 64.6 50.6 76.0

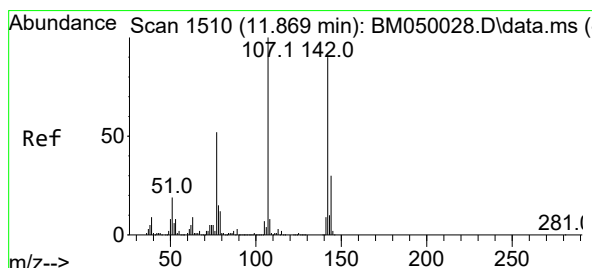
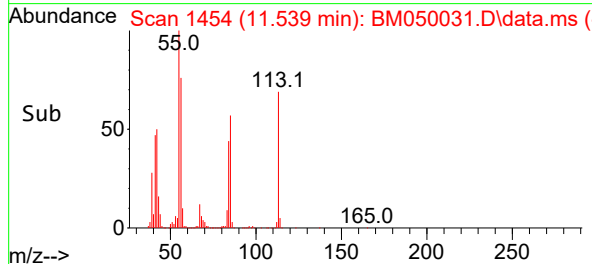
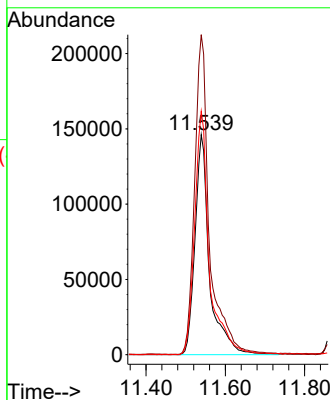
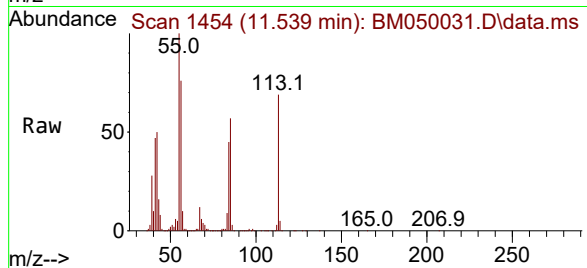




#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

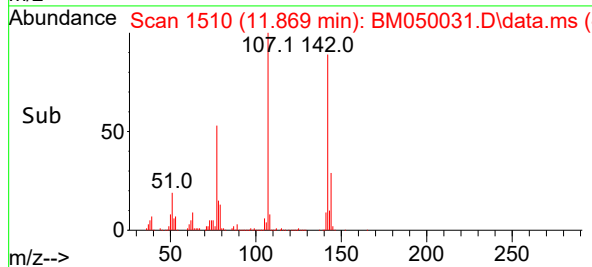
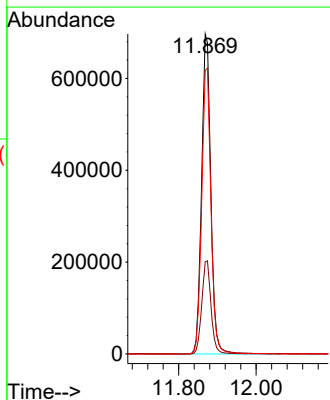
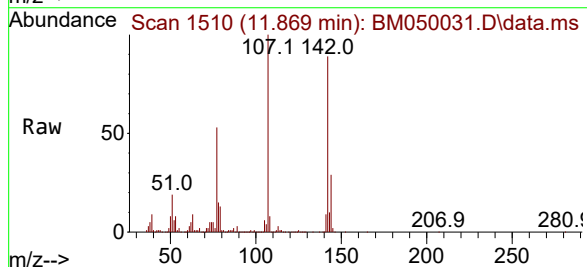
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

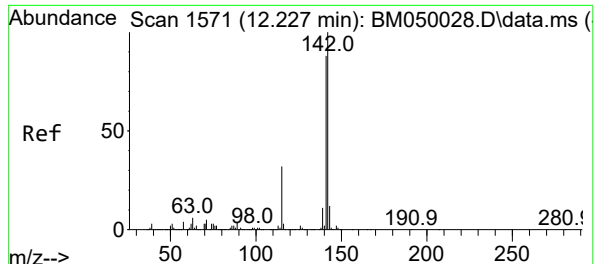
Tgt Ion:113 Resp: 371164
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.6 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 88.7 71.9 107.9

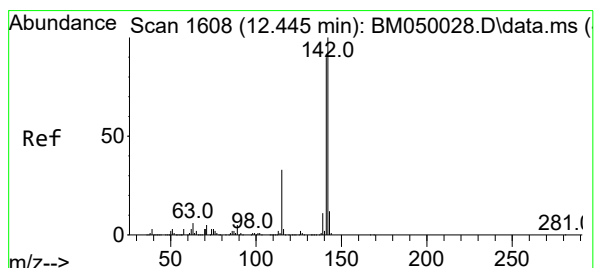
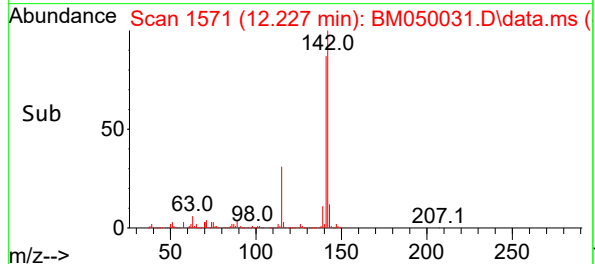
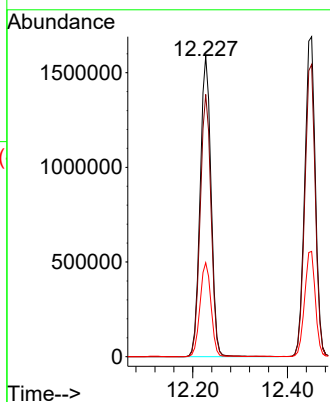
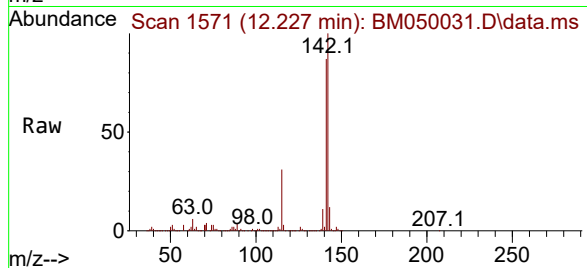




#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

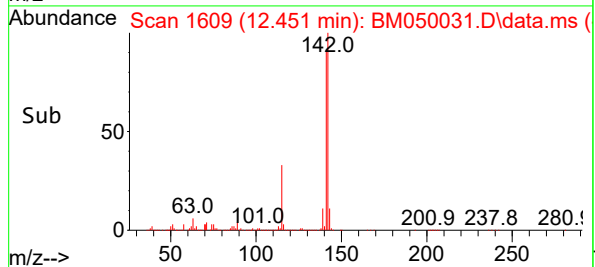
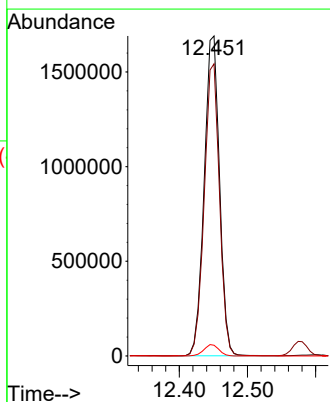
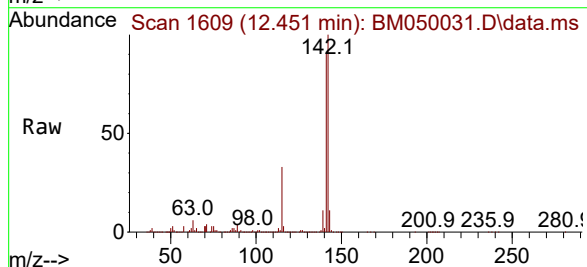
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

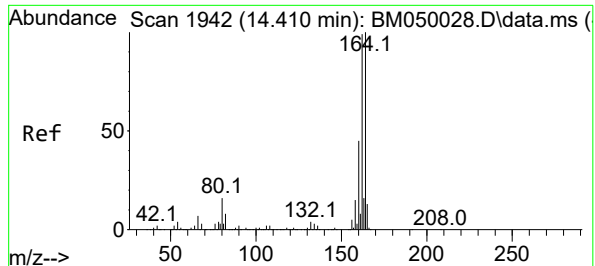
Tgt Ion:142 Resp: 2525532
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

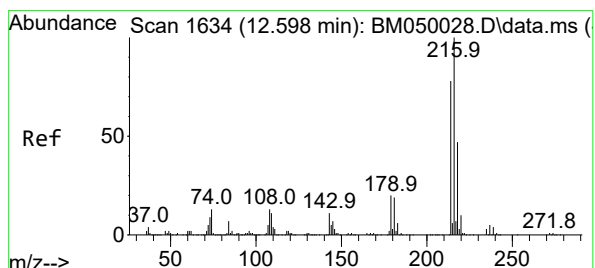
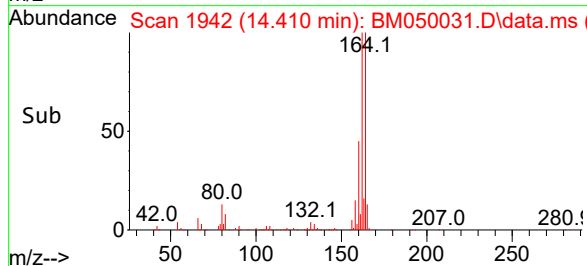
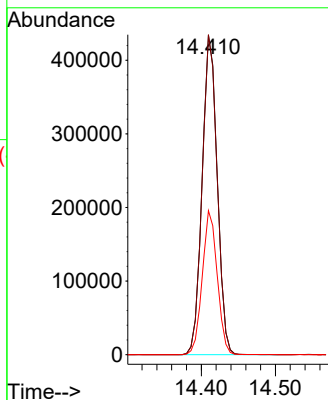
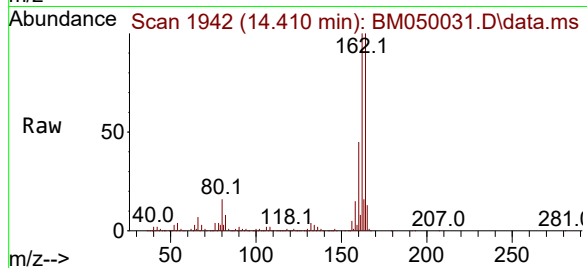
Tgt Ion:164 Resp: 613490

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.0

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 84.742 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

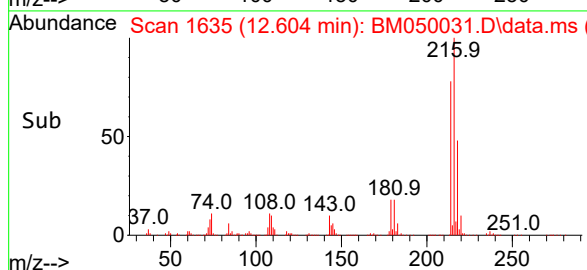
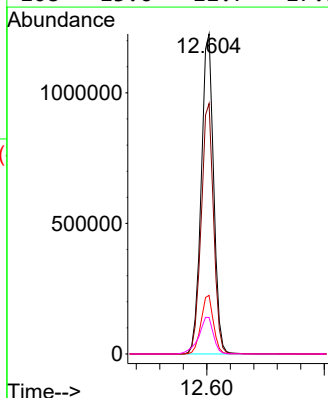
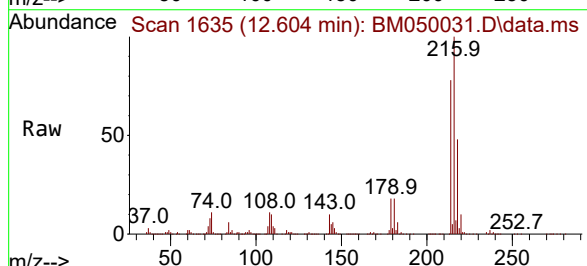
Ion Ratio Lower Upper

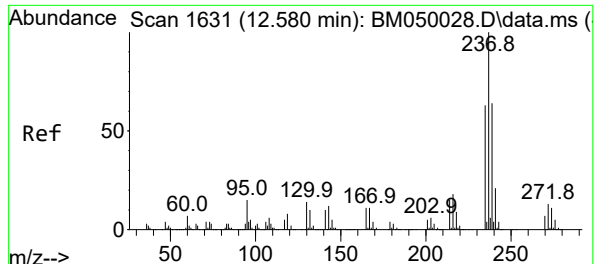
216 100

214 78.4 62.3 93.5

179 18.4 15.4 23.0

108 13.6 11.7 17.5

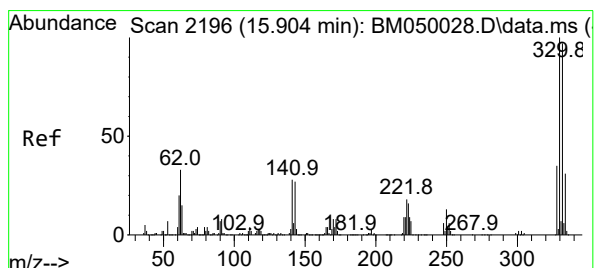
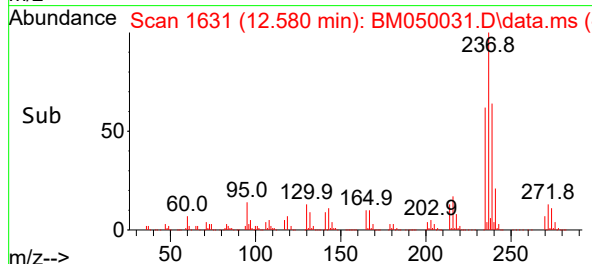
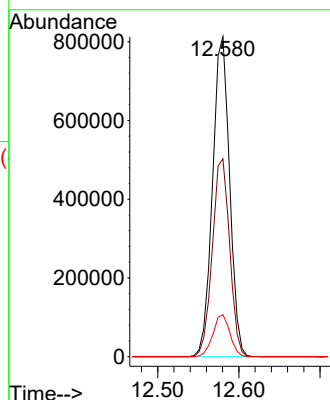
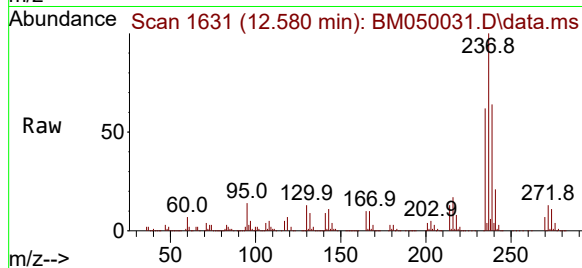




#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

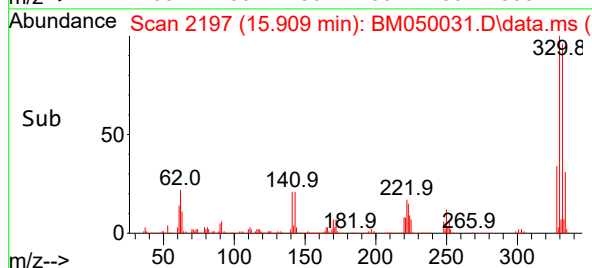
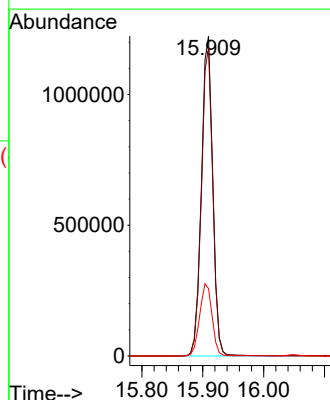
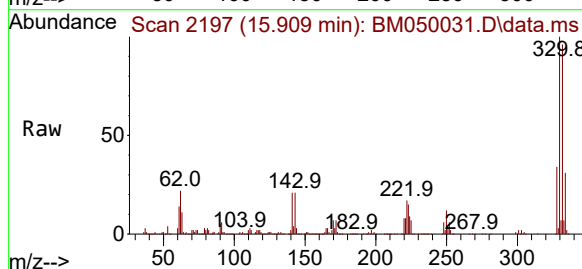
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

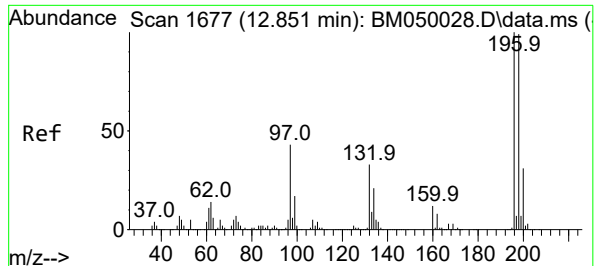
Tgt Ion:237 Resp: 1185418
Ion Ratio Lower Upper
237 100
235 61.8 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 24.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 85.496 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

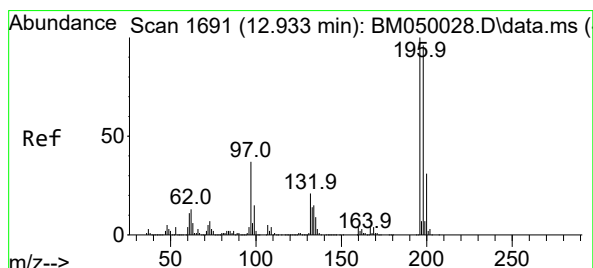
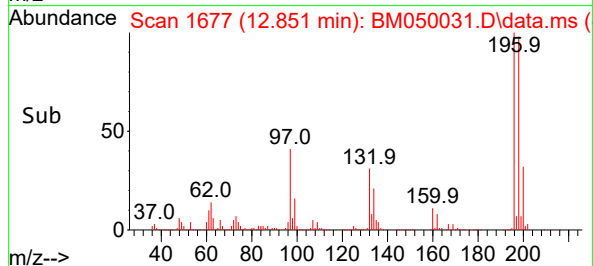
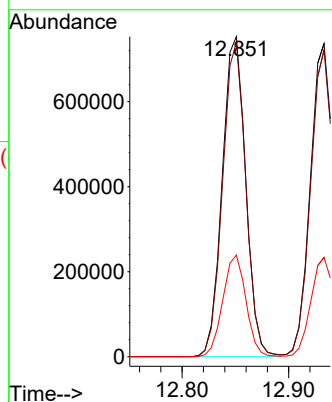
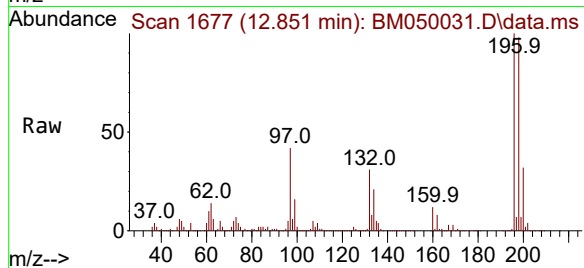
Tgt Ion:196 Resp: 1151641

Ion Ratio Lower Upper

196 100

198 98.2 79.0 118.6

200 31.7 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 84.011 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

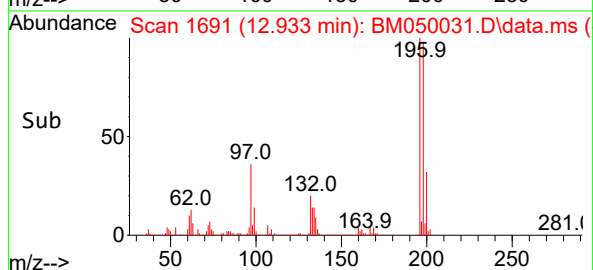
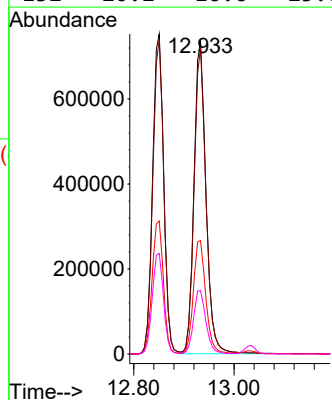
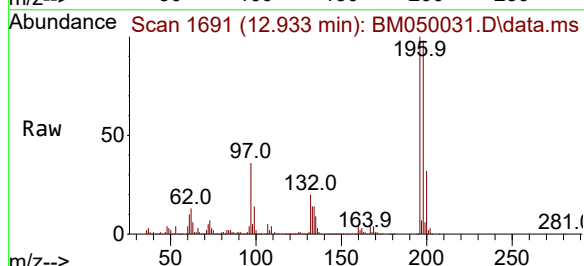
Ion Ratio Lower Upper

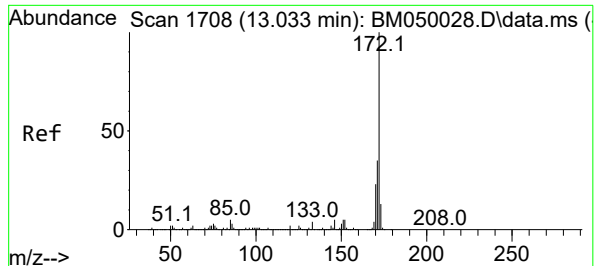
196 100

198 97.9 76.7 115.1

97 36.2 30.1 45.1

132 20.2 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 159.736 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

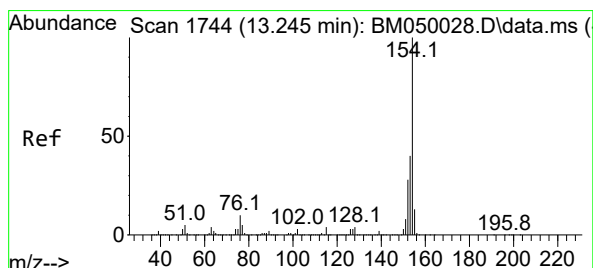
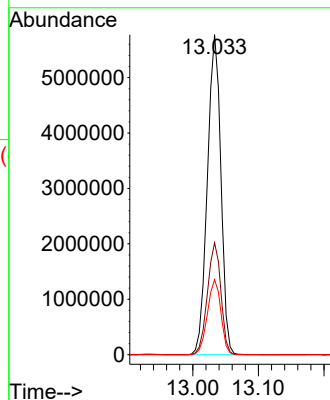
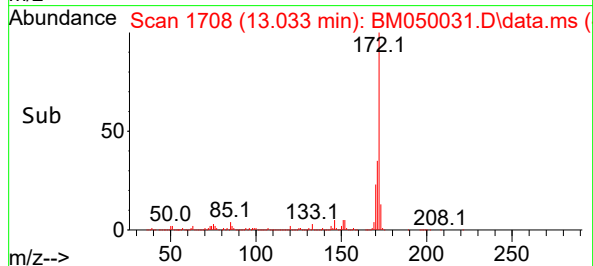
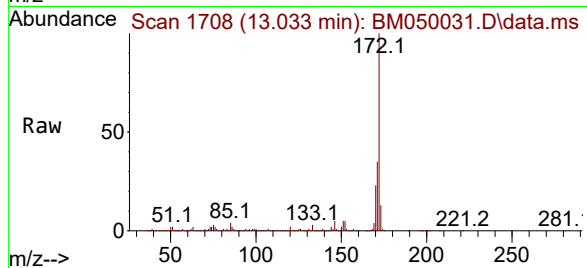
Tgt Ion:172 Resp: 8283812

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 79.246 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

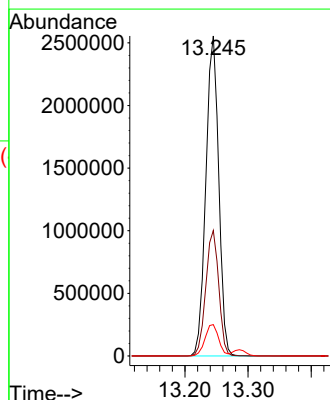
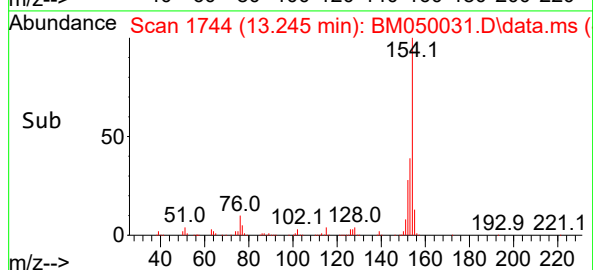
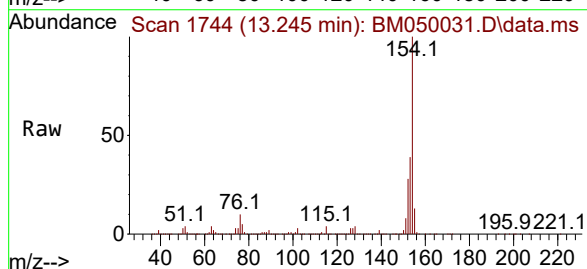
Tgt Ion:154 Resp: 3613893

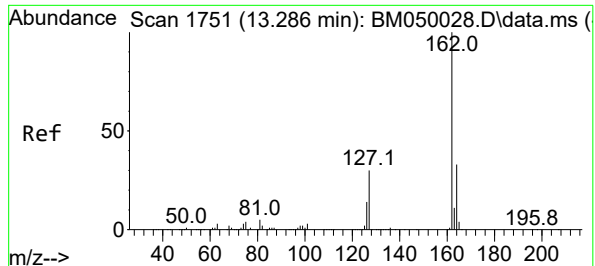
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 78.700 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

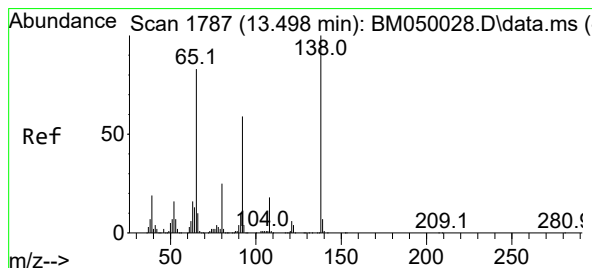
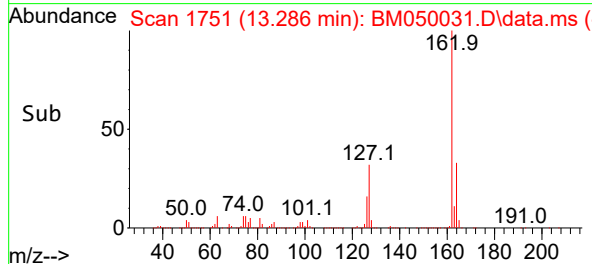
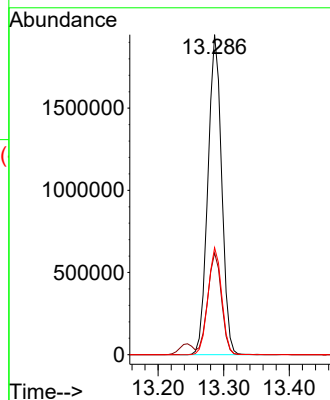
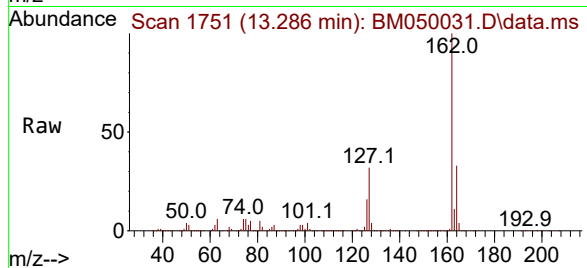
Tgt Ion:162 Resp: 2842514

Ion Ratio Lower Upper

162 100

127 31.8 25.9 38.9

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 82.725 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

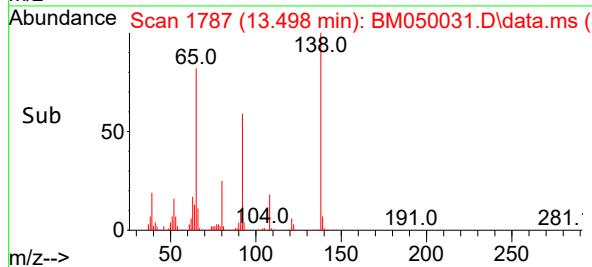
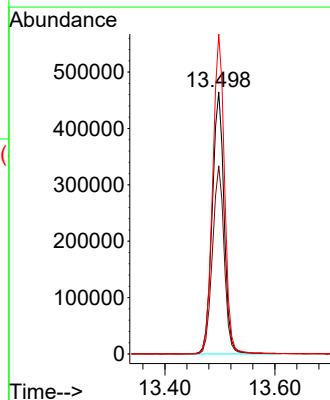
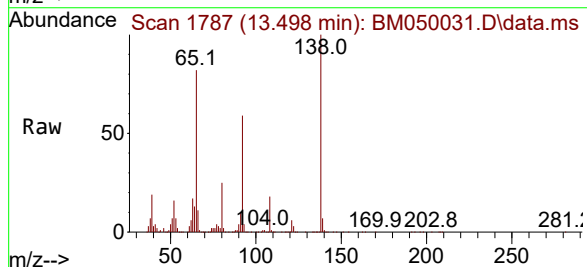
Tgt Ion: 65 Resp: 701256

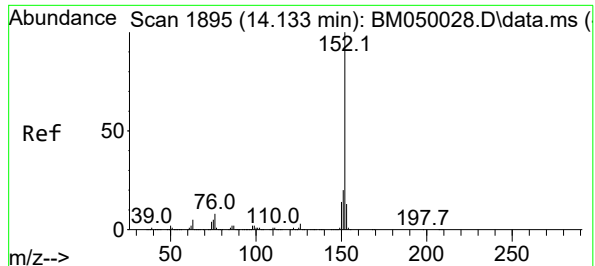
Ion Ratio Lower Upper

65 100

92 71.8 57.1 85.7

138 122.1 97.0 145.4





#49

Acenaphthylene

Concen: 79.492 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

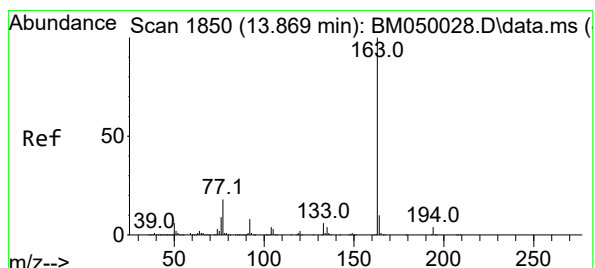
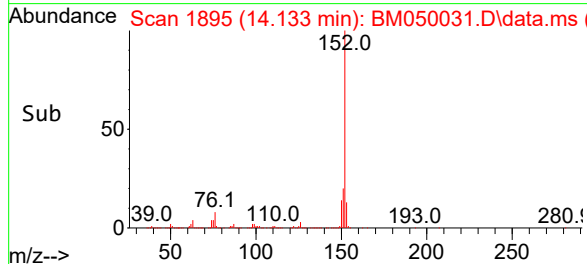
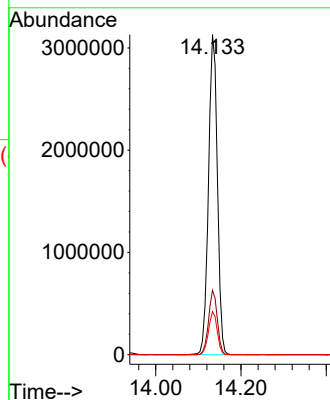
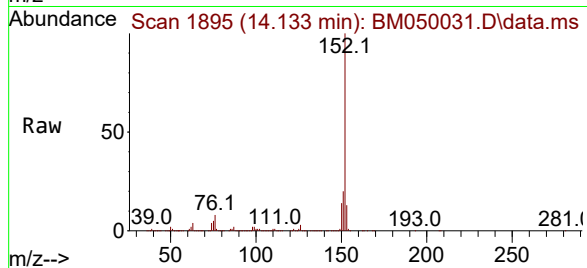
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8



#50

Dimethylphthalate

Concen: 78.228 ng

RT: 13.874 min Scan# 1851

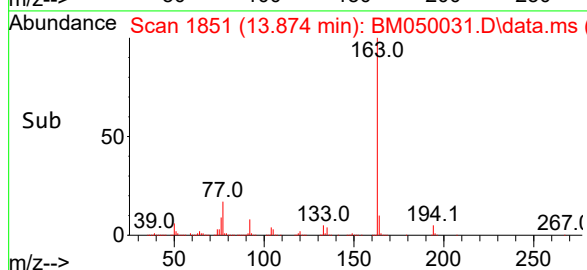
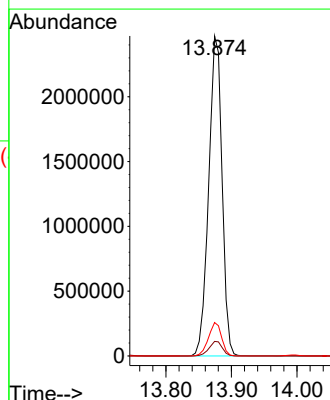
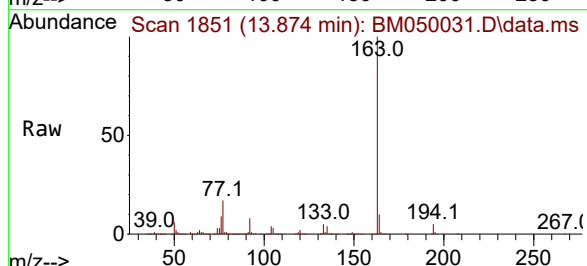
Delta R.T. 0.006 min

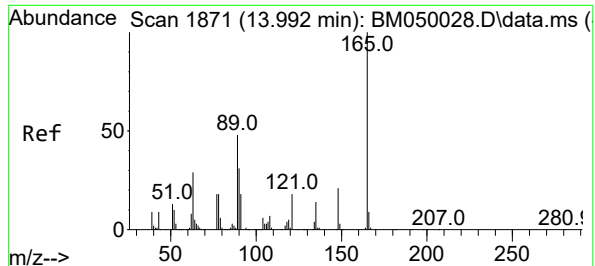
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2

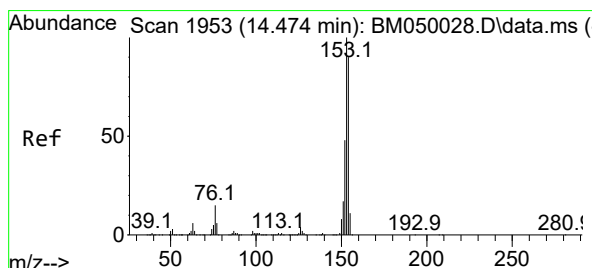
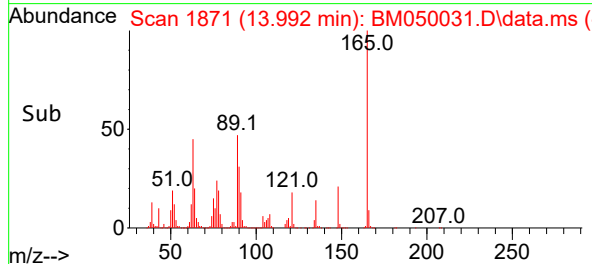
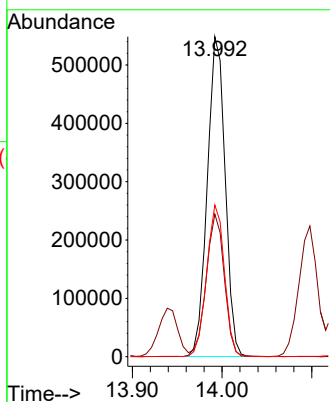
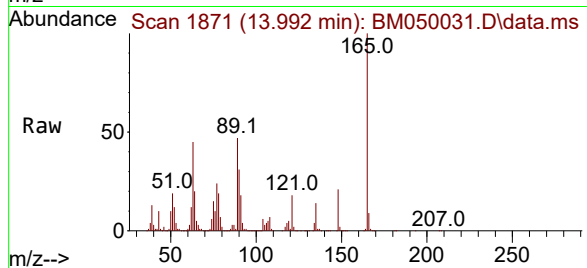




#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

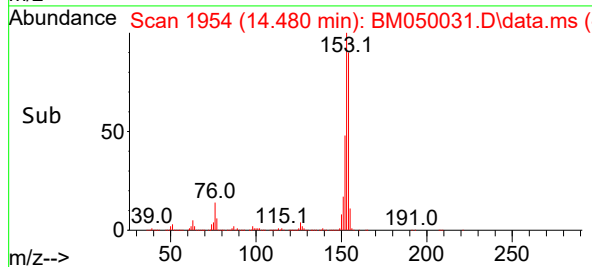
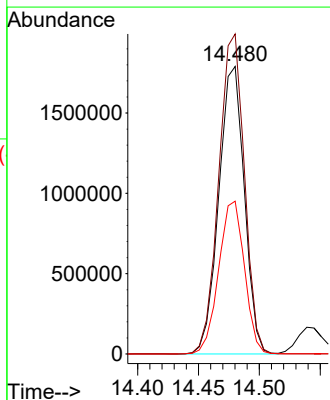
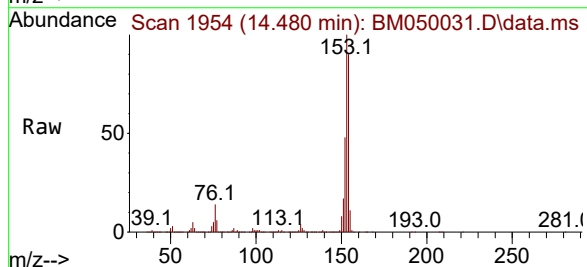
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

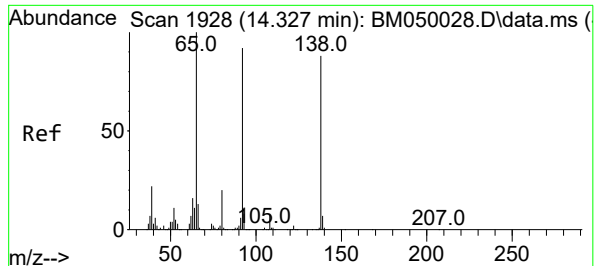
Tgt Ion:165 Resp: 758296
Ion Ratio Lower Upper
165 100
63 44.6 35.1 52.7
89 47.4 38.4 57.6



#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 53.1 43.0 64.6

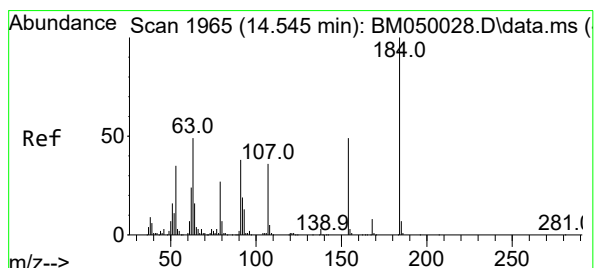
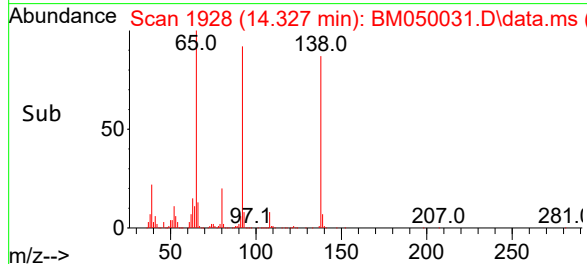
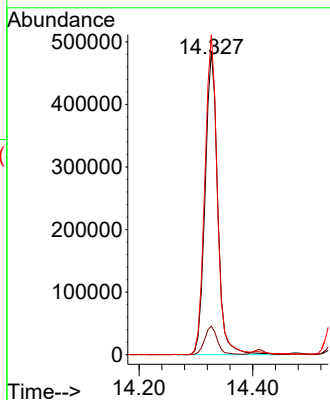
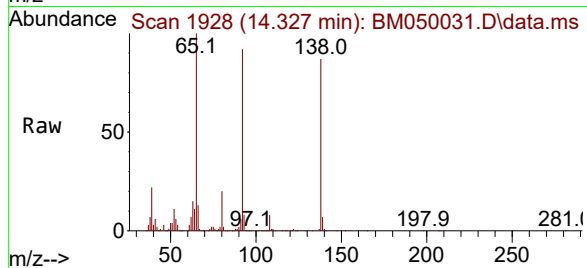




#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

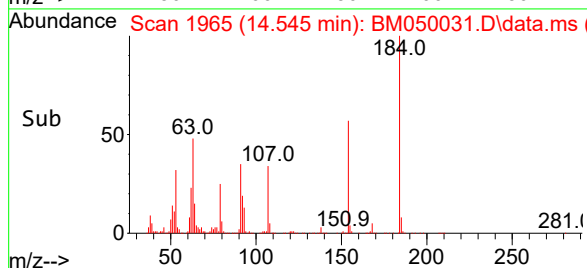
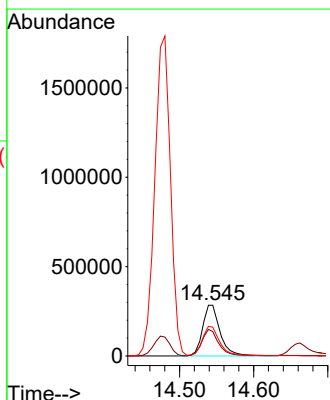
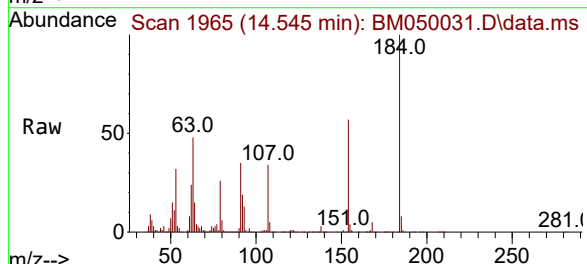
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

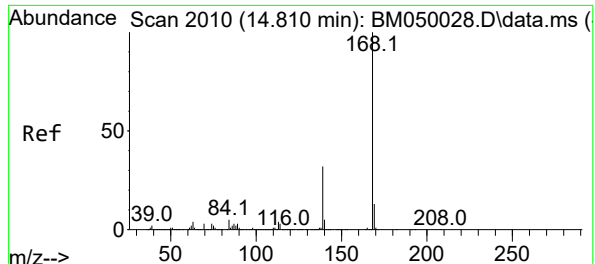
Tgt Ion:138 Resp: 740202
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.2
92 105.4 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472
Ion Ratio Lower Upper
184 100
63 48.1 39.8 59.6
154 57.0 46.1 69.1





#55

Dibenzenofuran

Concen: 78.875 ng

RT: 14.815 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

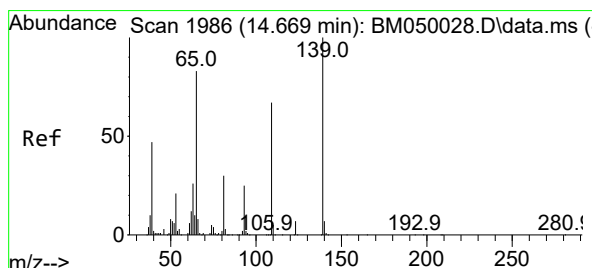
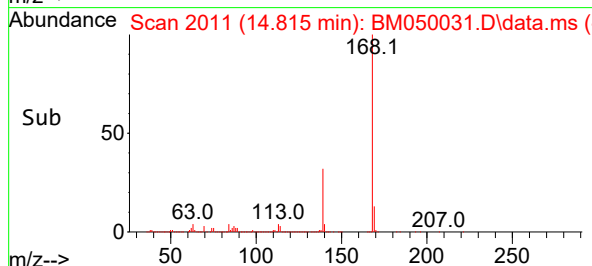
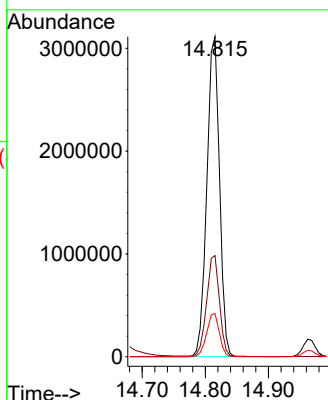
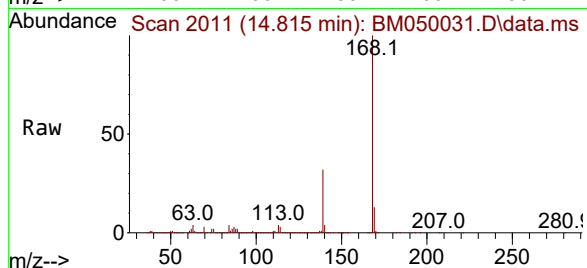
Tgt Ion:168 Resp: 4325783

Ion Ratio Lower Upper

168 100

139 31.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.710 ng

RT: 14.662 min Scan# 1985

Delta R.T. -0.007 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

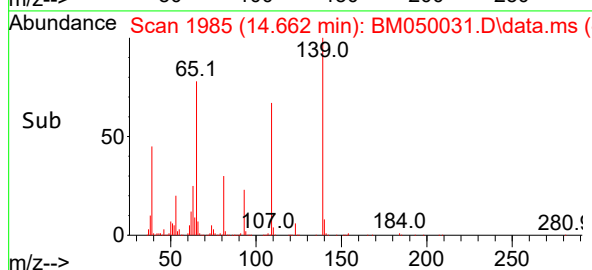
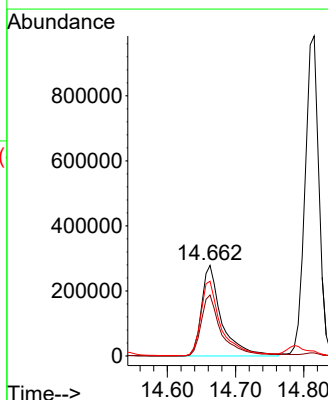
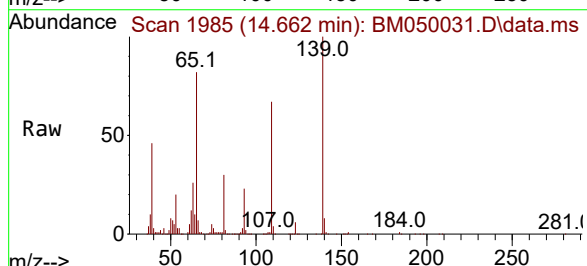
Tgt Ion:139 Resp: 566943

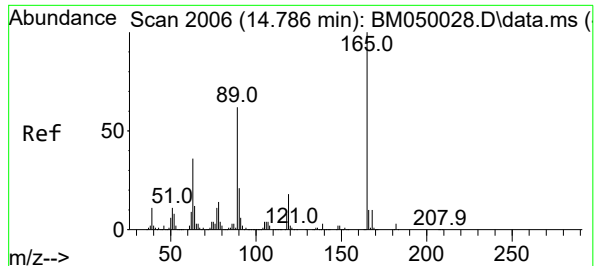
Ion Ratio Lower Upper

139 100

109 67.2 47.0 87.0

65 82.5 64.3 104.3

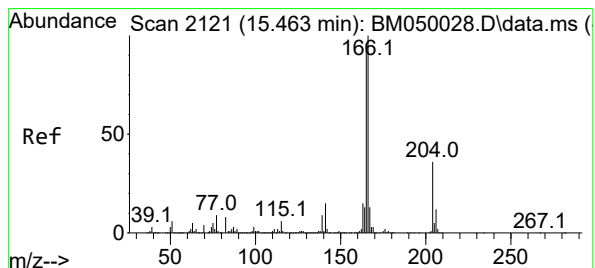
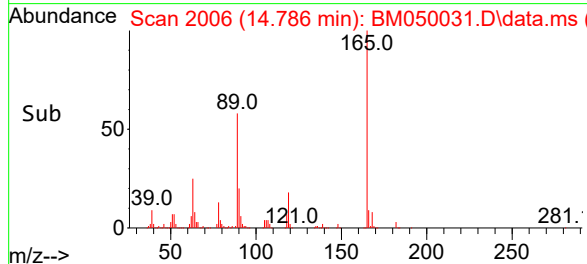
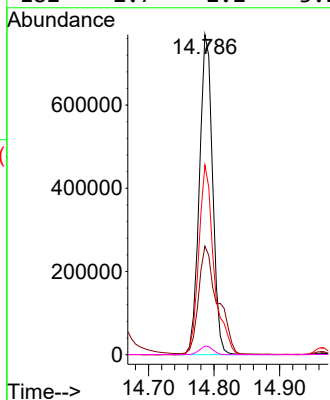
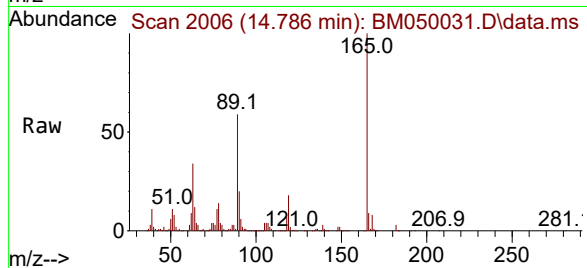




#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

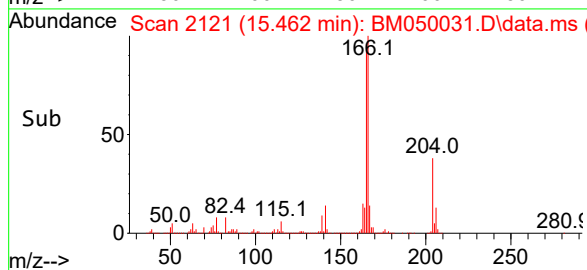
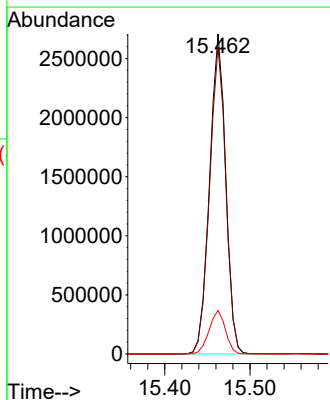
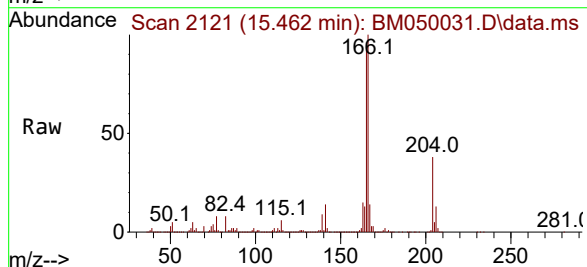
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

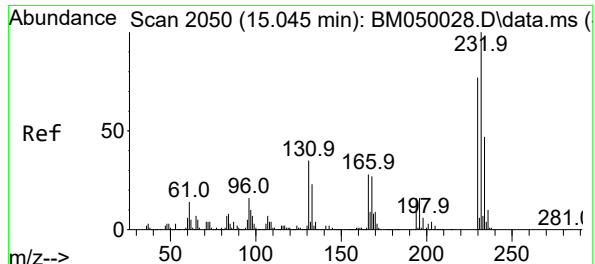
Tgt Ion:165 Resp: 1080118
Ion Ratio Lower Upper
165 100
63 33.9 29.0 43.6
89 59.2 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506
Ion Ratio Lower Upper
166 100
165 96.0 76.6 115.0
167 13.6 10.6 16.0

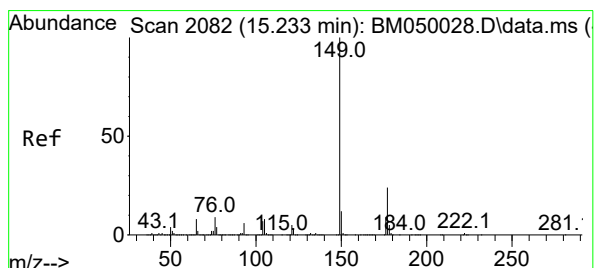
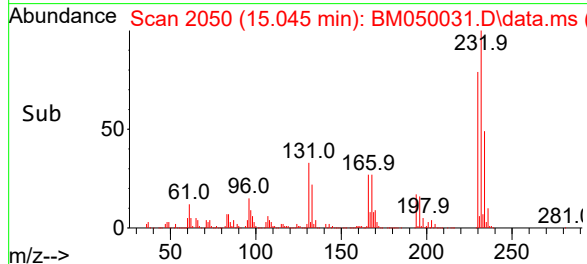
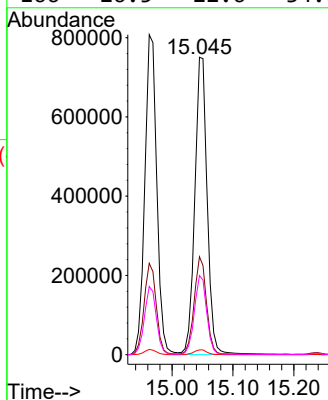
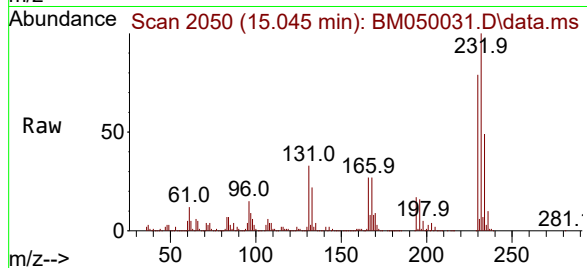




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.123 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

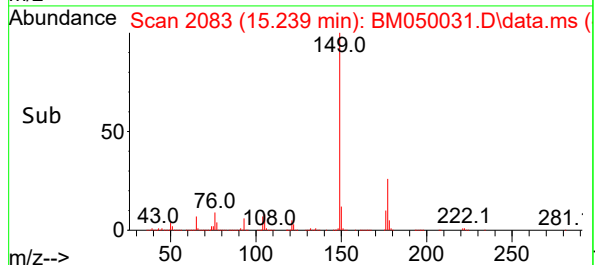
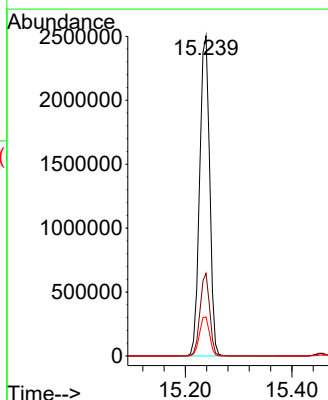
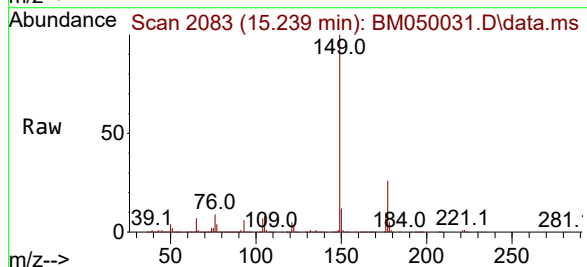
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

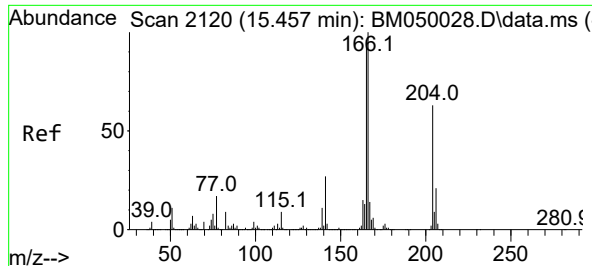
Tgt Ion:232 Resp: 1057707
Ion Ratio Lower Upper
232 100
131 32.8 28.2 42.4
130 1.7 1.5 2.3
166 26.5 22.6 34.0



#60
Diethylphthalate
Concen: 77.118 ng
RT: 15.239 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3257954
Ion Ratio Lower Upper
149 100
177 25.8 19.1 28.7
150 12.2 9.6 14.4

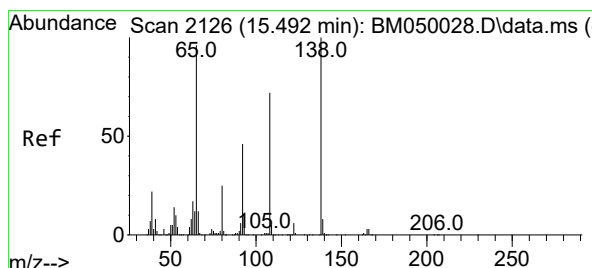
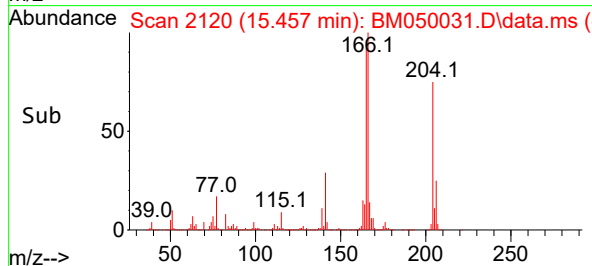
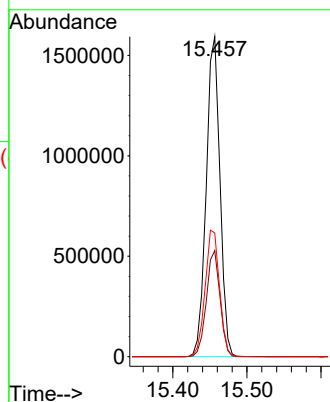
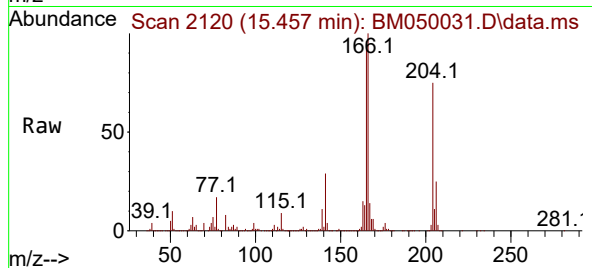




#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

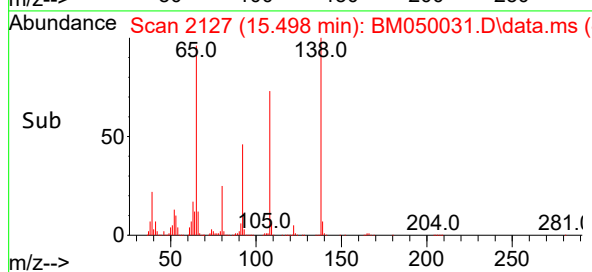
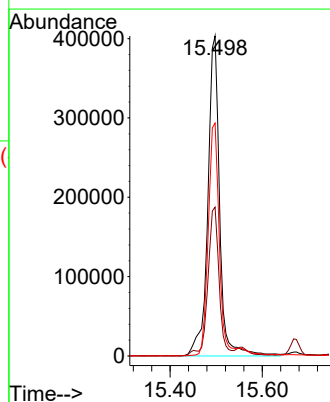
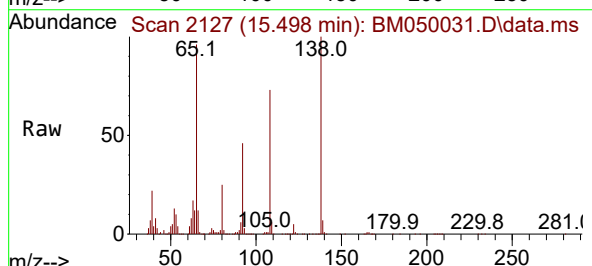
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

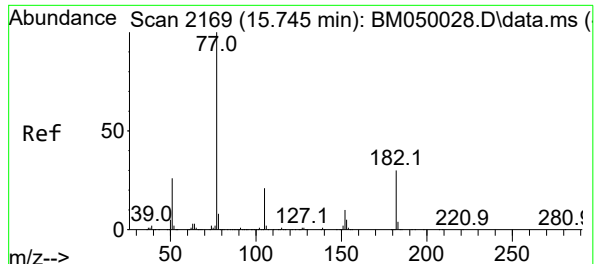
Tgt Ion:204 Resp: 2051105
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 38.7 34.0 51.0



#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 72.8 52.4 92.4

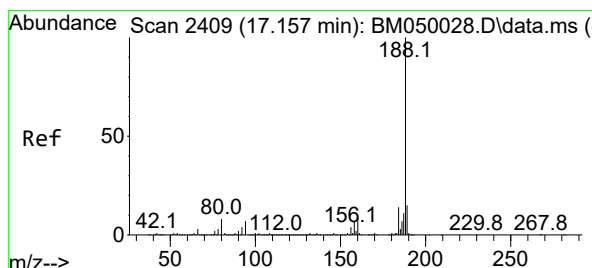
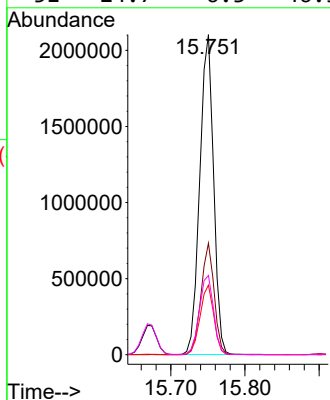
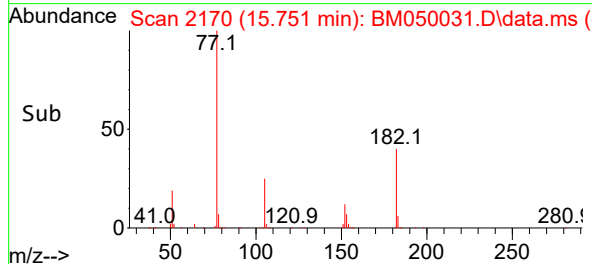
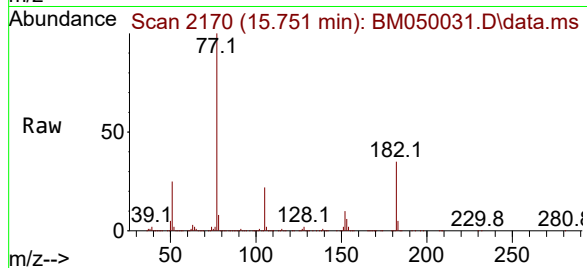




#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

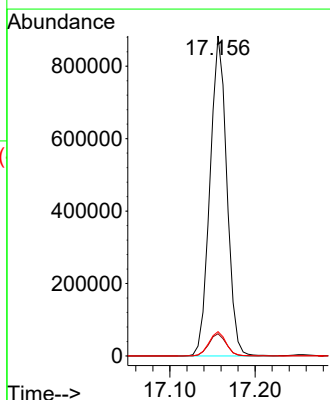
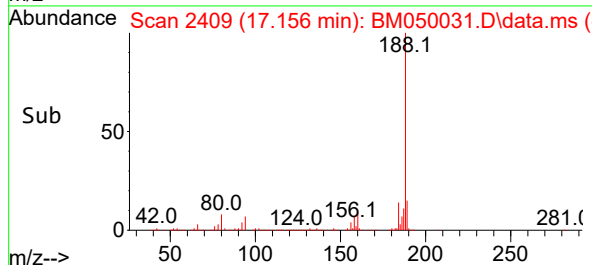
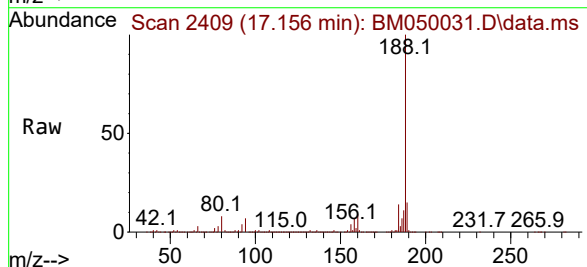
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

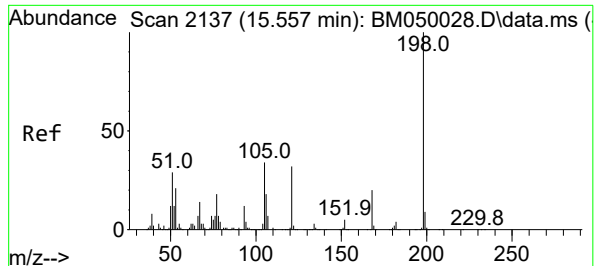
Tgt Ion: 77 Resp: 2723186
Ion Ratio Lower Upper
77 100
182 34.9 10.5 50.5
105 21.7 1.1 41.1
51 24.7 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 188 Resp: 1212251
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.6 6.2 9.4

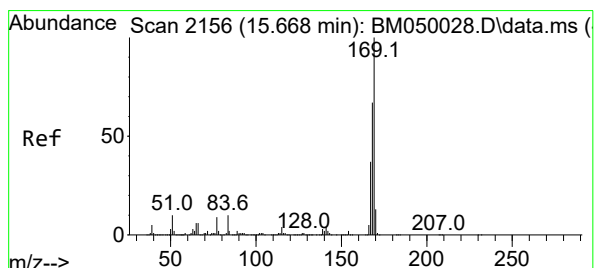
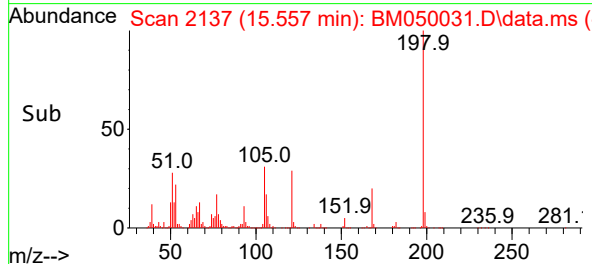
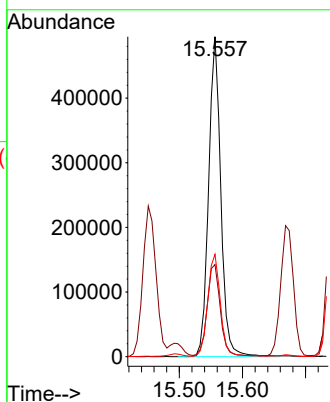
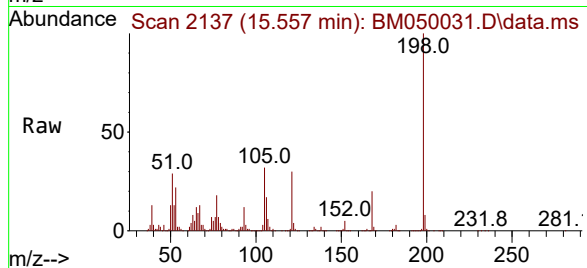




#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

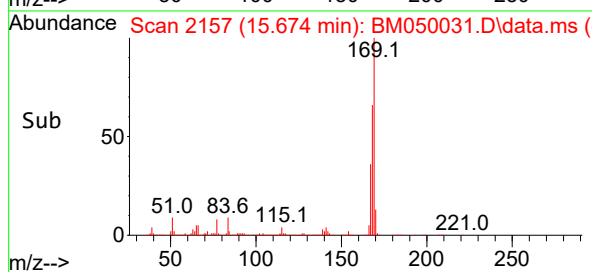
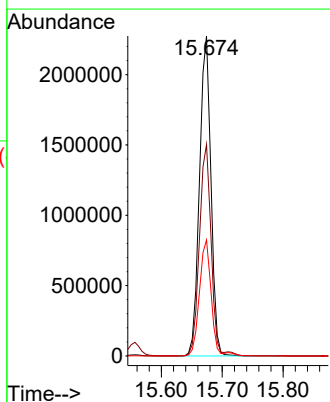
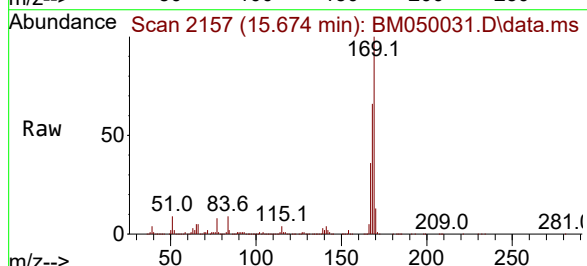
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

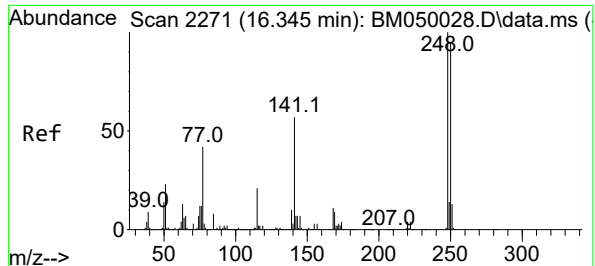
Tgt Ion:198 Resp: 665798
Ion Ratio Lower Upper
198 100
51 28.8 10.4 50.4
105 32.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.3 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 83.600 ng

RT: 16.351 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

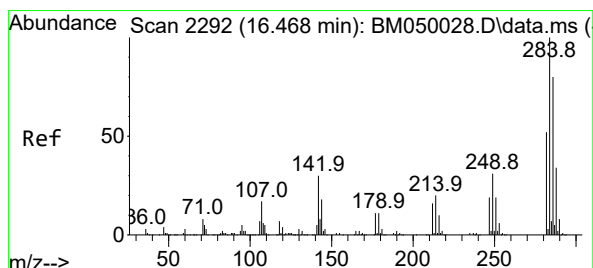
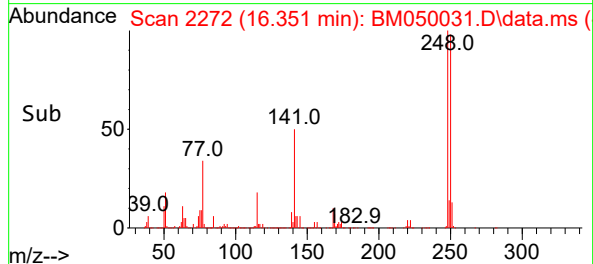
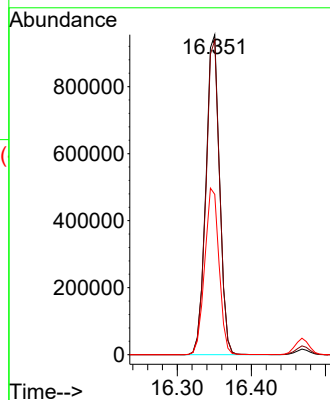
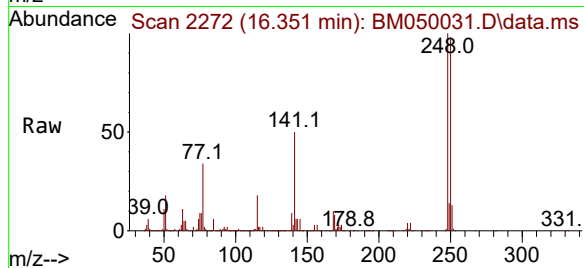
Tgt Ion:248 Resp: 1225531

Ion Ratio Lower Upper

248 100

250 98.2 76.2 114.2

141 50.1 45.9 68.9



#68

Hexachlorobenzene

Concen: 83.606 ng

RT: 16.468 min Scan# 2292

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

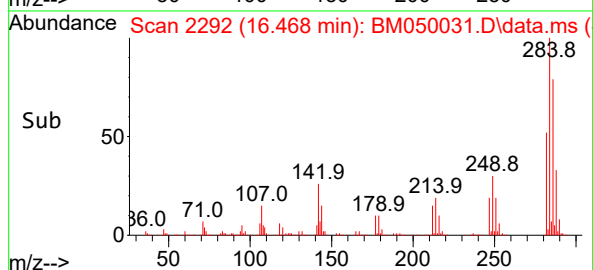
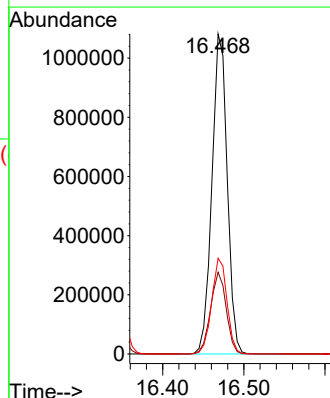
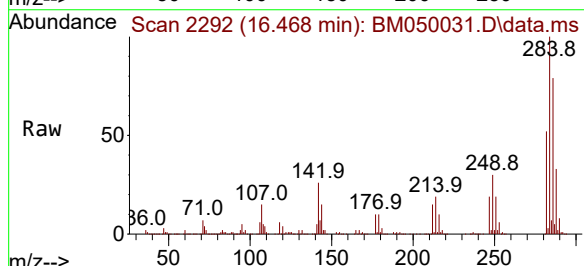
Tgt Ion:284 Resp: 1412768

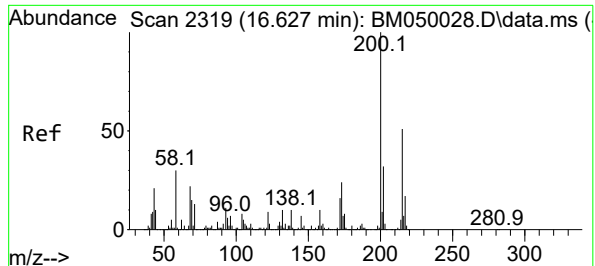
Ion Ratio Lower Upper

284 100

142 25.5 23.9 35.9

249 29.9 24.5 36.7

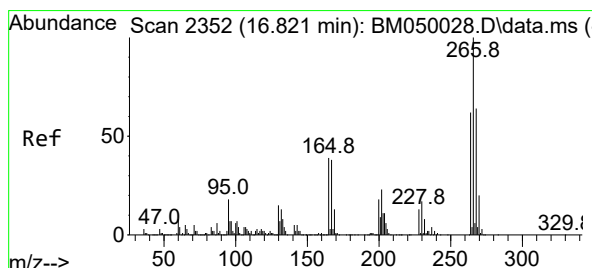
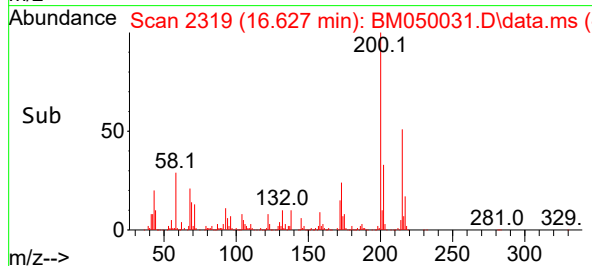
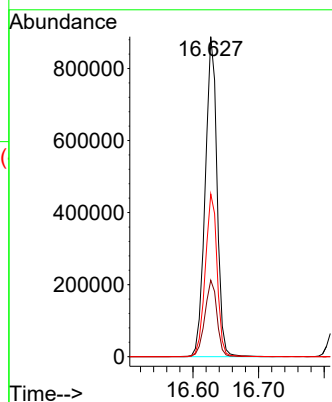
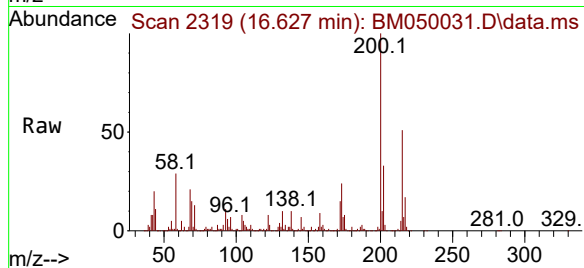




#69
Atrazine
Concen: 83.174 ng
RT: 16.627 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

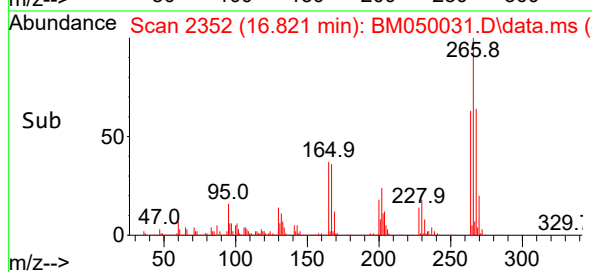
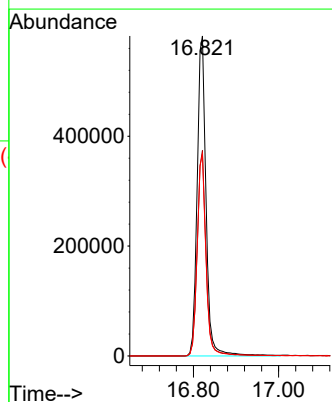
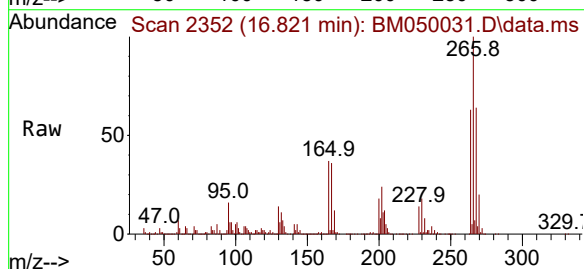
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

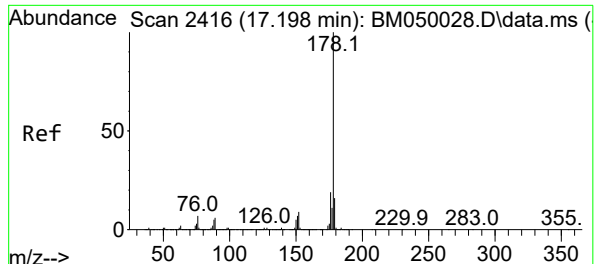
Tgt Ion:200 Resp: 1116818
Ion Ratio Lower Upper
200 100
173 23.9 4.3 44.3
215 50.8 30.6 70.6



#70
Pentachlorophenol
Concen: 88.648 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195
Ion Ratio Lower Upper
266 100
268 64.2 51.2 76.8
264 63.1 49.6 74.4

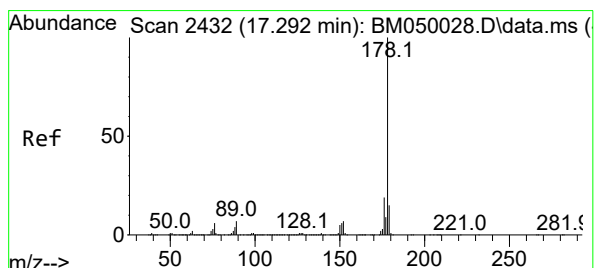
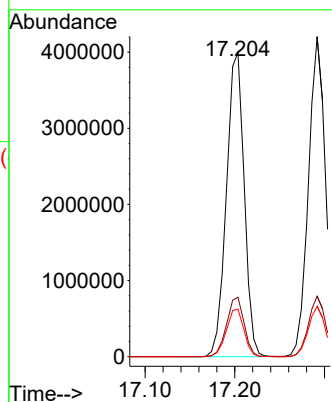
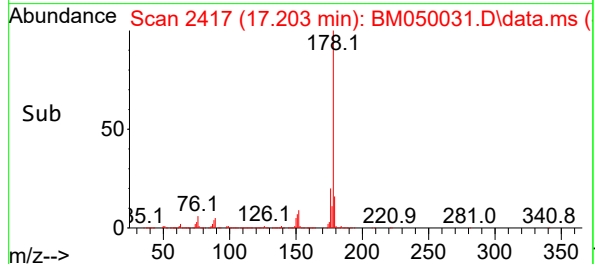
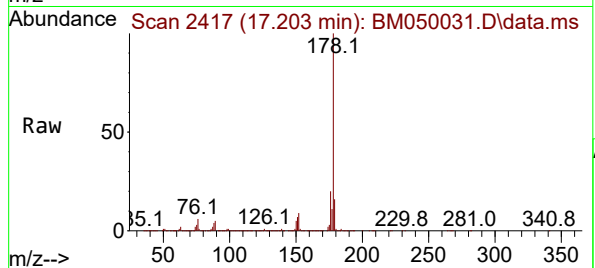




#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

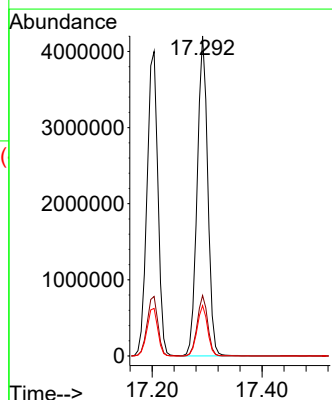
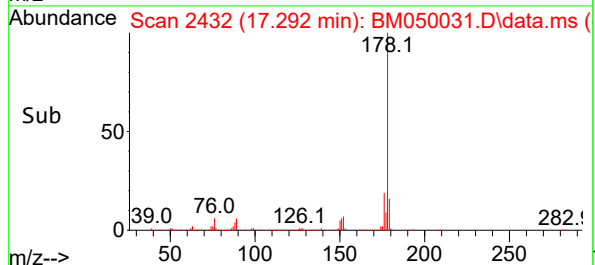
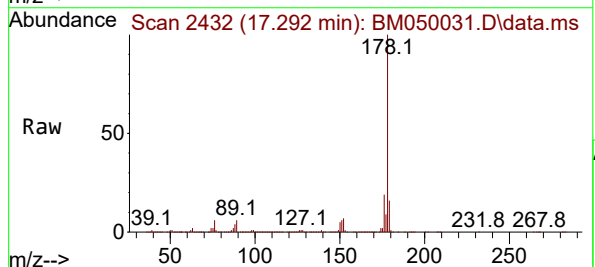
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

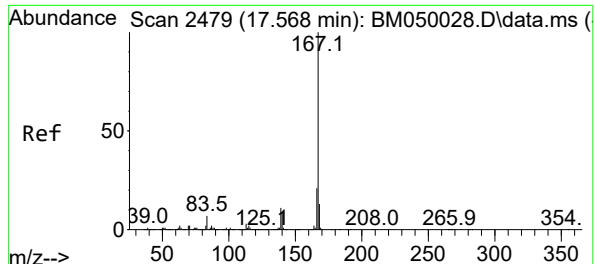
Tgt Ion:178 Resp: 5487968
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.8 12.2 18.4

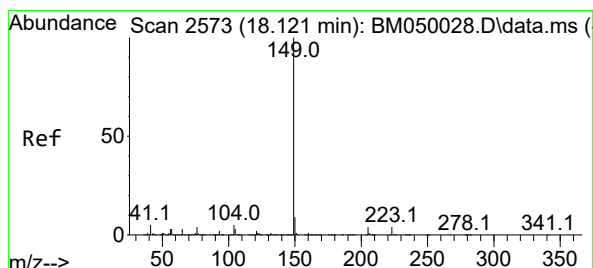
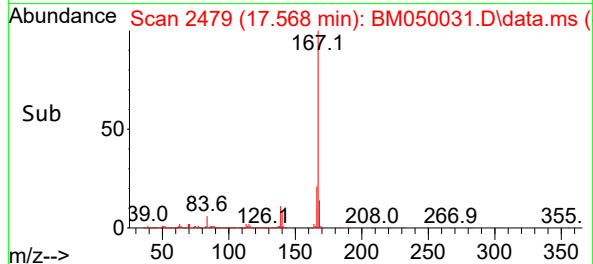
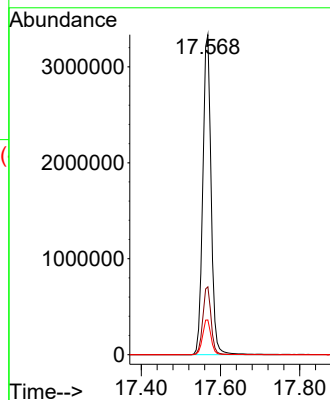
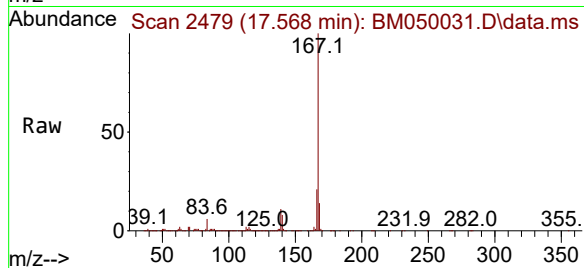




#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

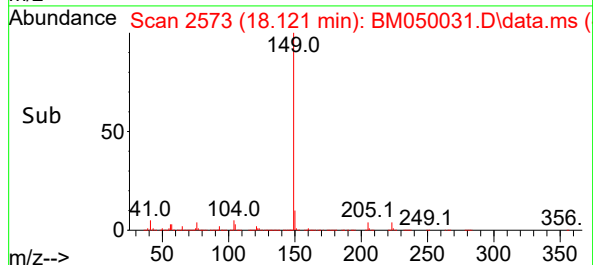
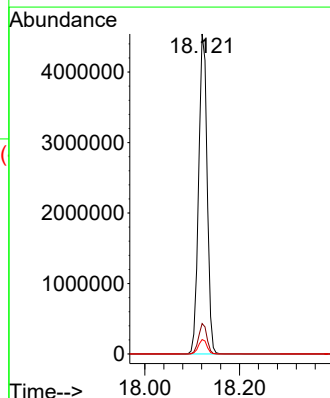
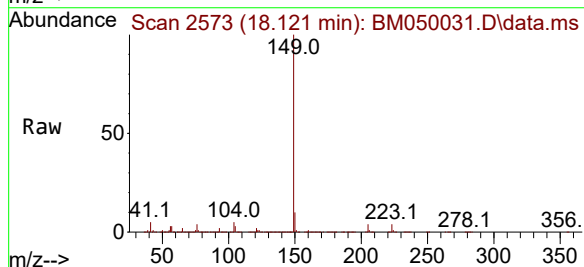
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

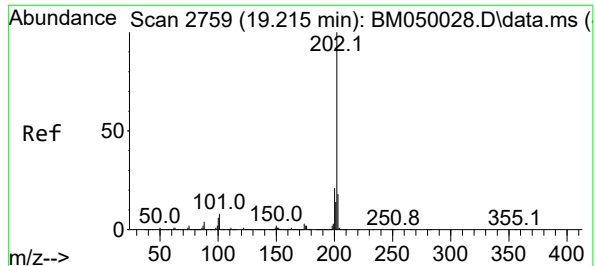
Tgt Ion:167 Resp: 4845637
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.8 9.0 13.6



#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.5 3.8 5.6

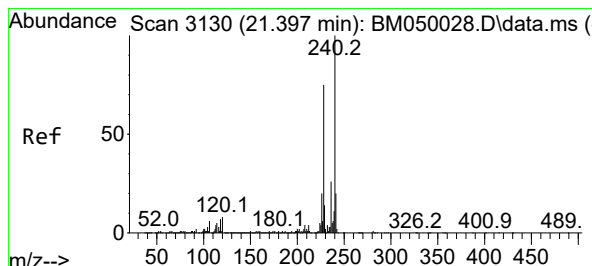
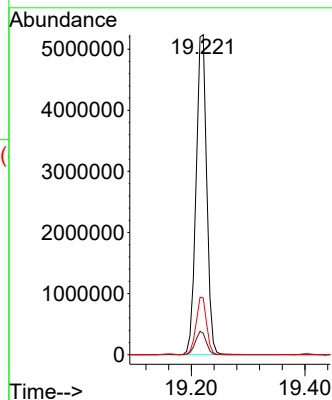
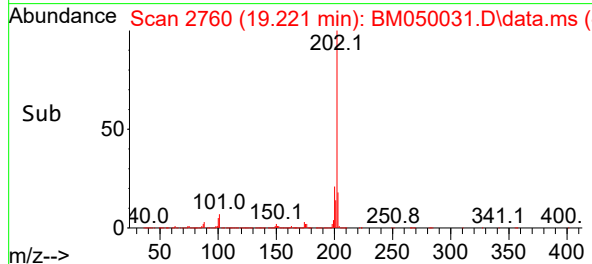
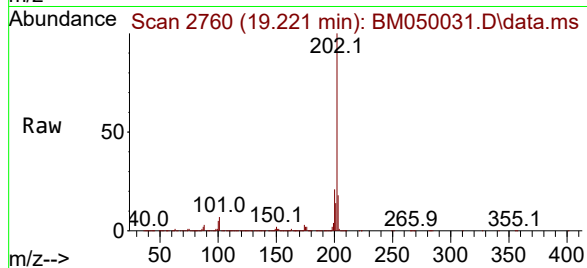




#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

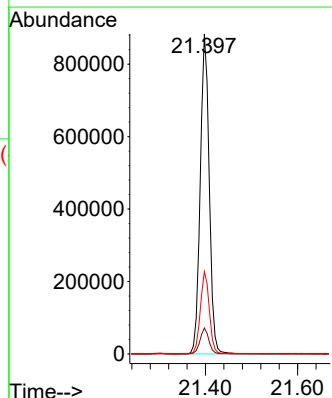
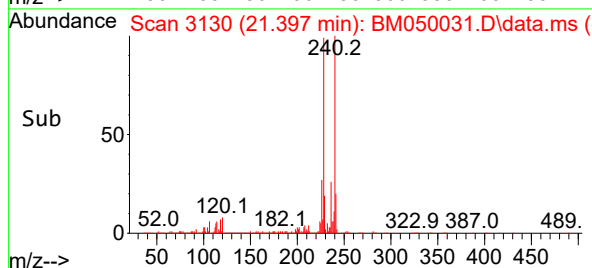
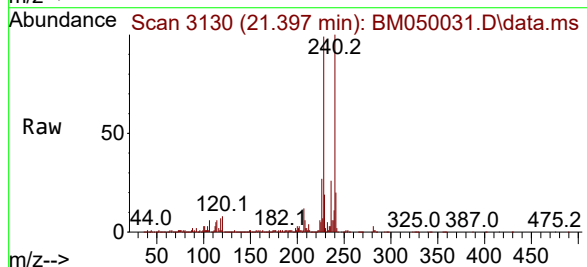
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

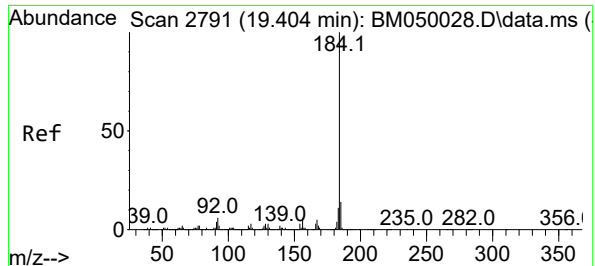
Tgt Ion:202 Resp: 6841999
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.8 20.9 31.3

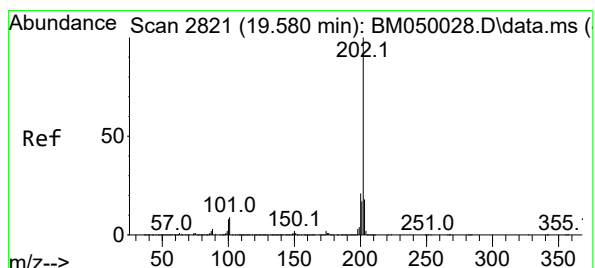
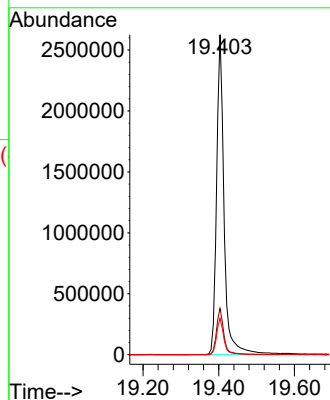
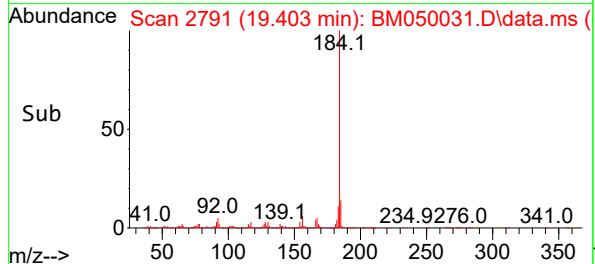
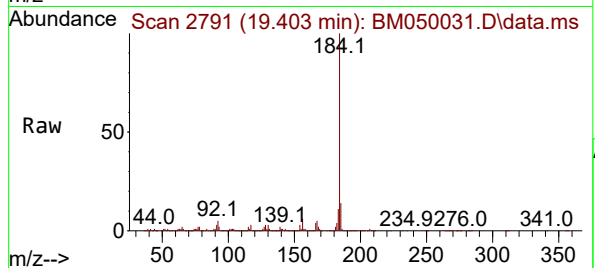




#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

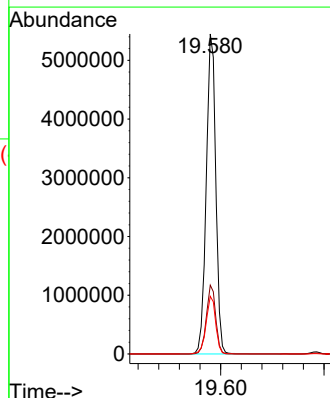
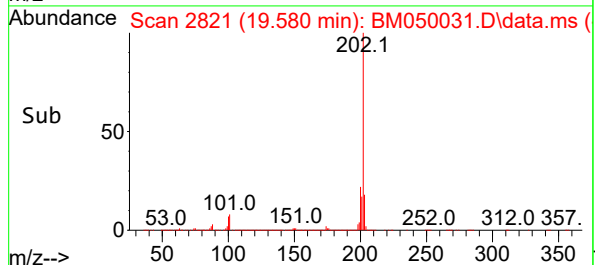
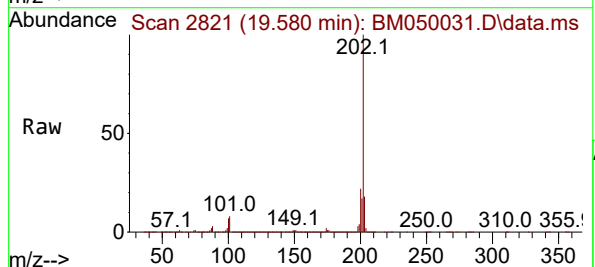
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

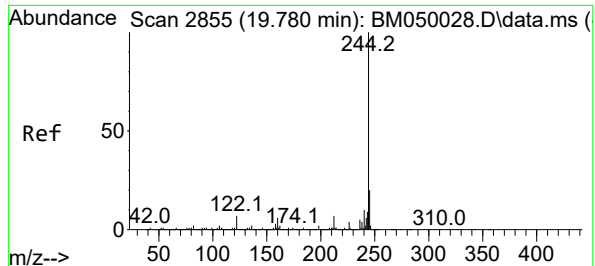
Tgt Ion:184 Resp: 3598340
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 18.0 14.1 21.1

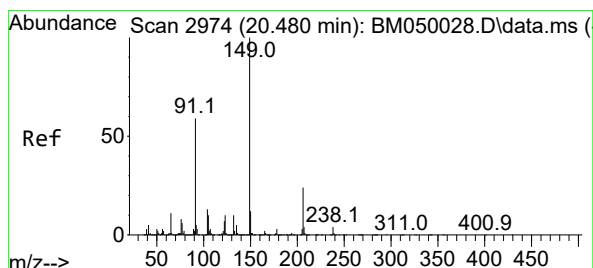
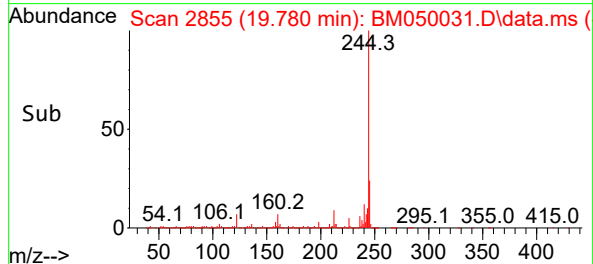
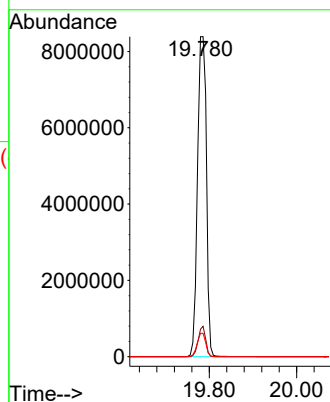
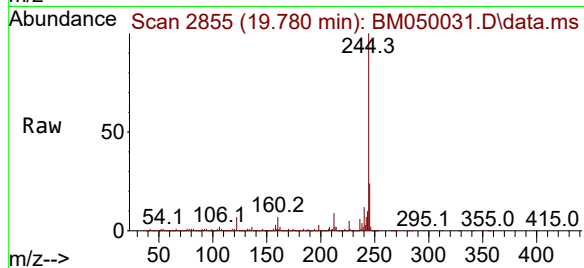




#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

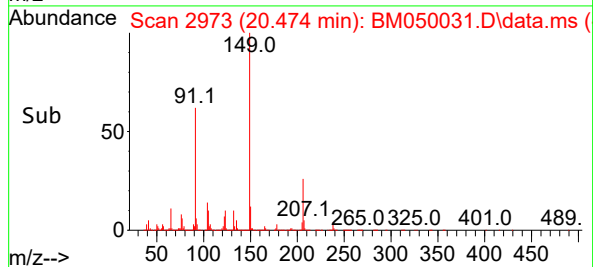
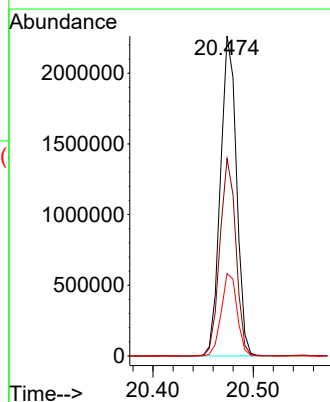
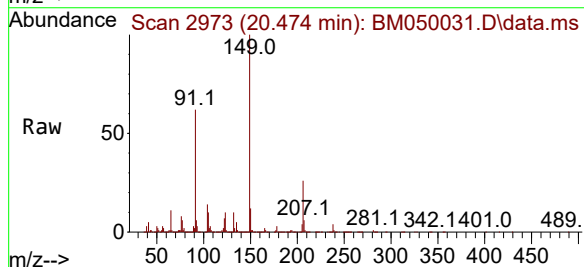
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

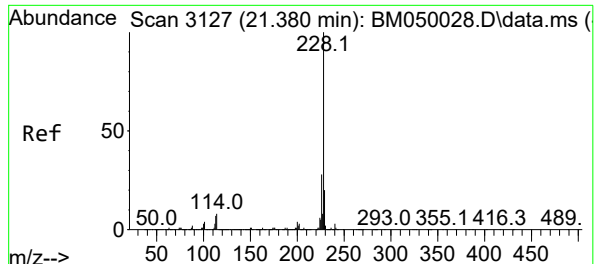
Tgt Ion:244 Resp:11877110
Ion Ratio Lower Upper
244 100
212 8.6 5.6 8.4#
122 7.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705
Ion Ratio Lower Upper
149 100
91 61.7 47.4 71.2
206 25.7 19.4 29.0

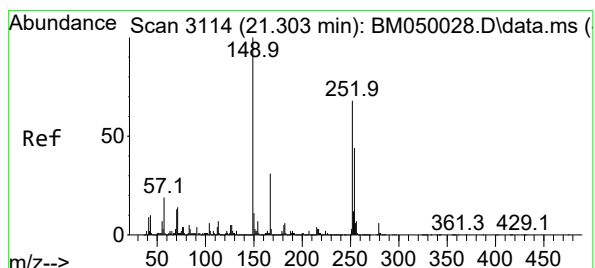
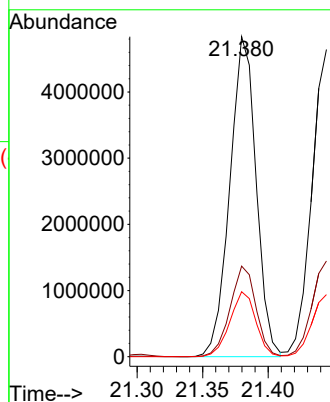
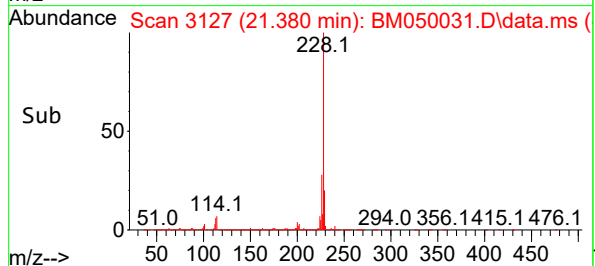
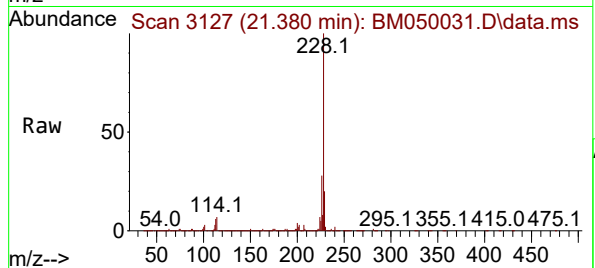




#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

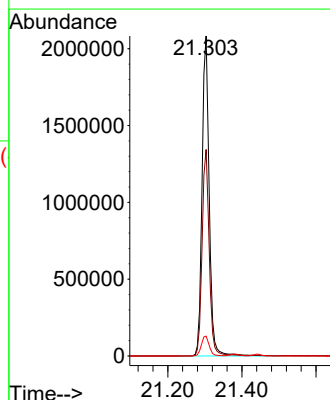
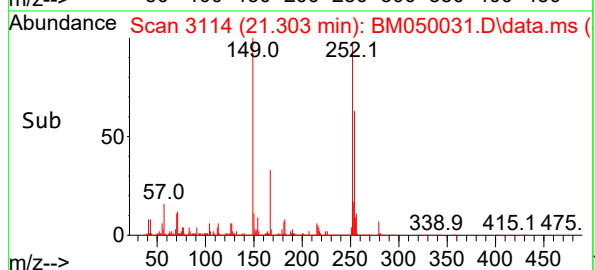
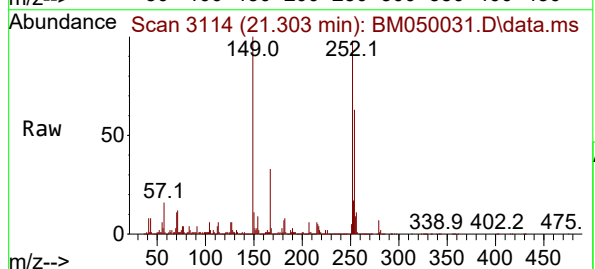
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

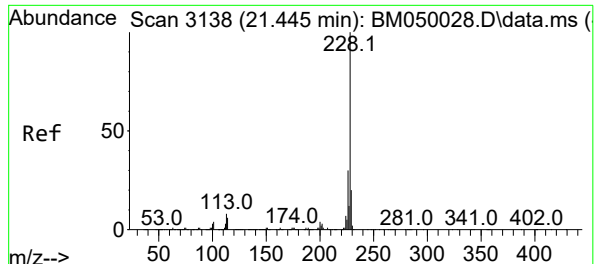
Tgt Ion:228 Resp: 6747718
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 6.2 6.0 9.0

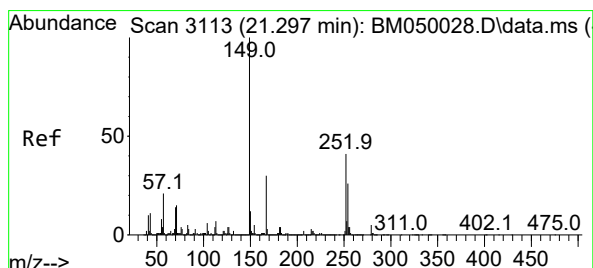
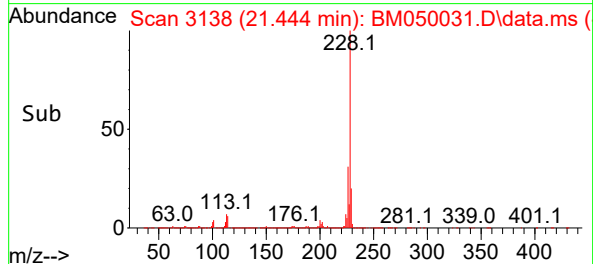
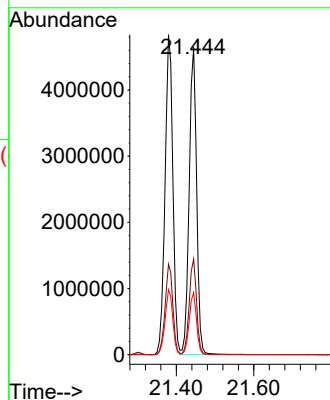
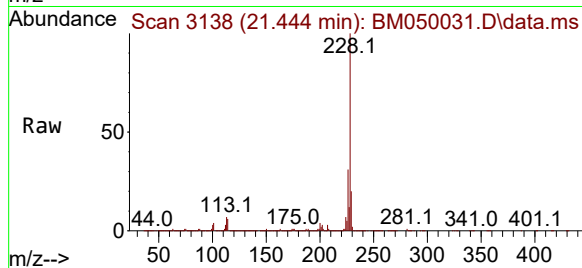




#83
Chrysene
Concen: 81.316 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

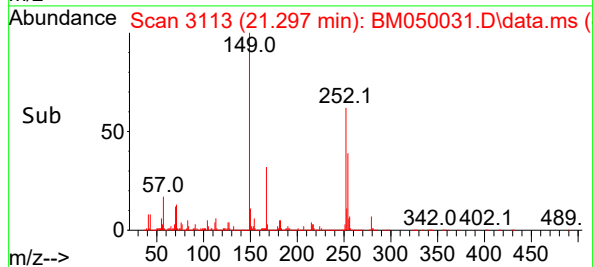
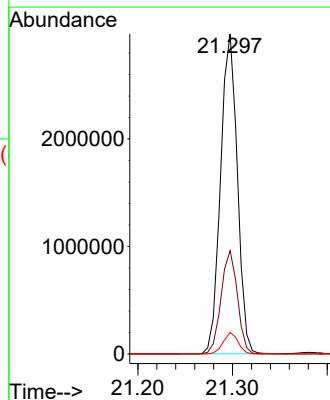
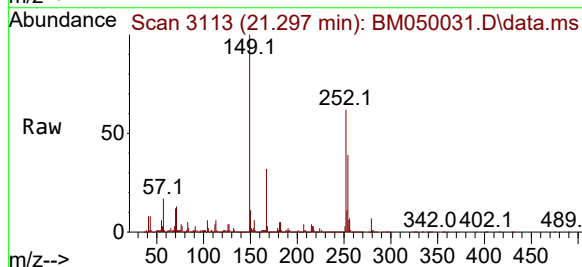
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

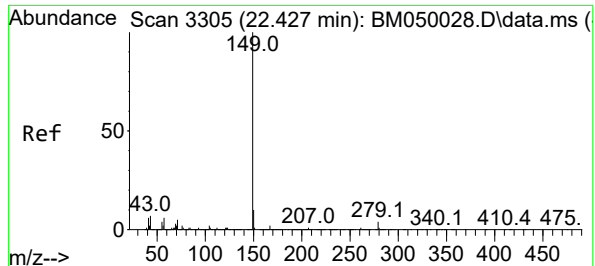
Tgt Ion:228 Resp: 6207632
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 20.2 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 77.905 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3665836
Ion Ratio Lower Upper
149 100
167 32.3 24.1 36.1
279 6.7 3.9 5.9#

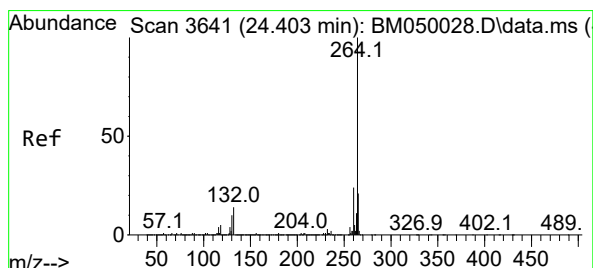
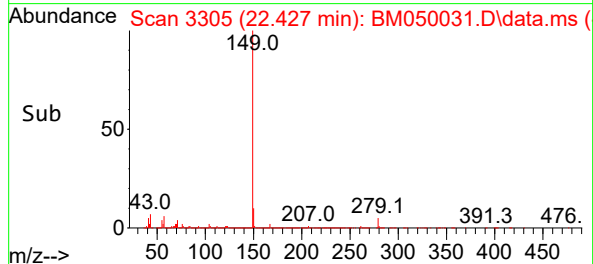
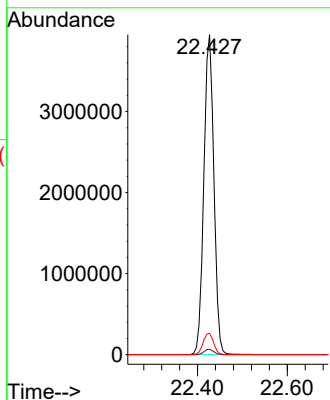
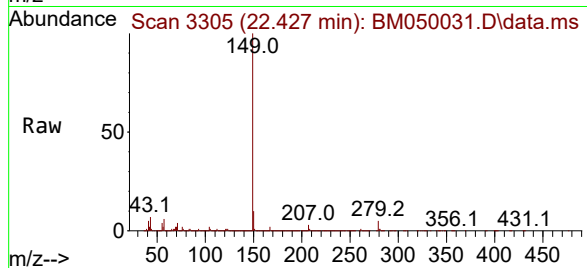




#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

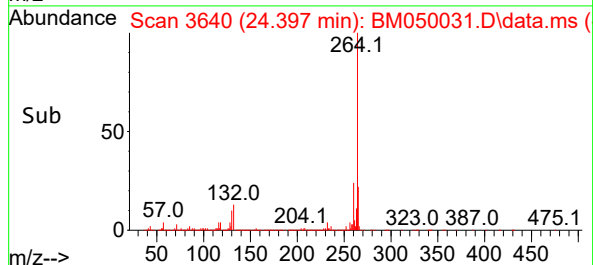
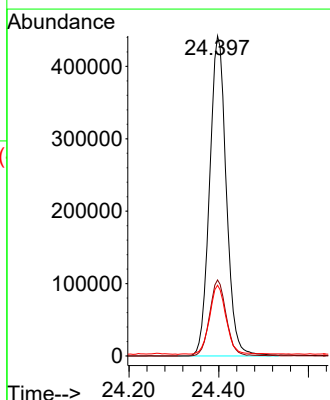
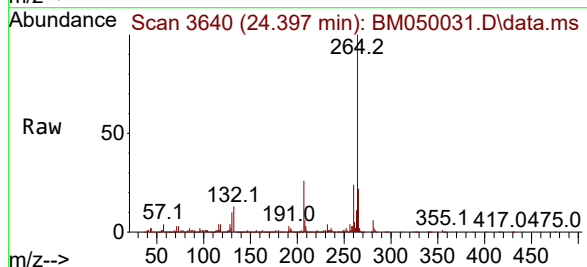
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

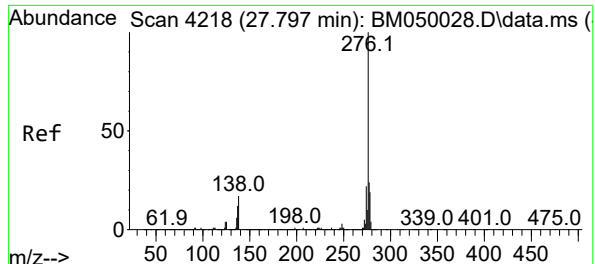
Tgt Ion:149 Resp: 6109632
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.0 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.1 17.0 25.4

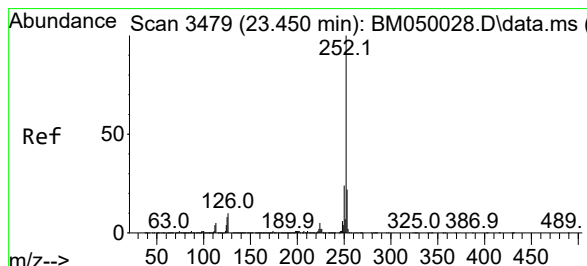
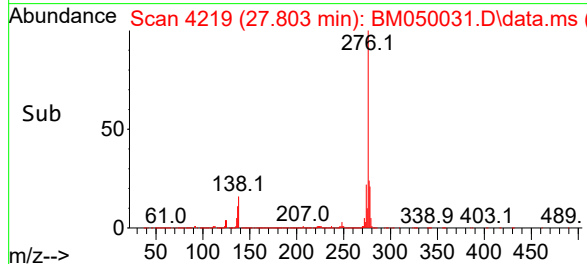
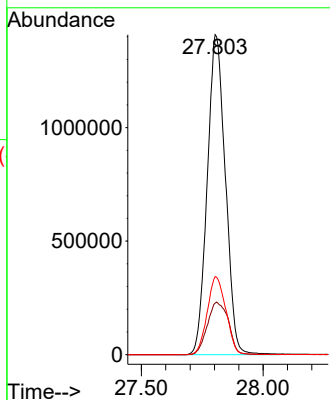
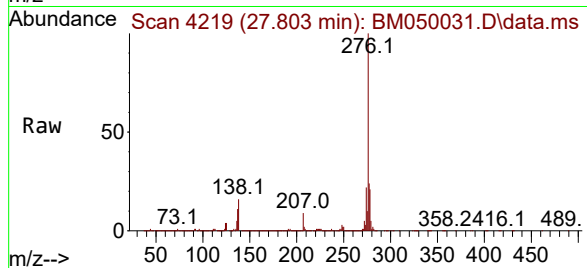




#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

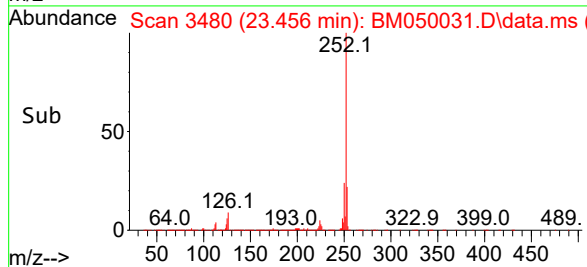
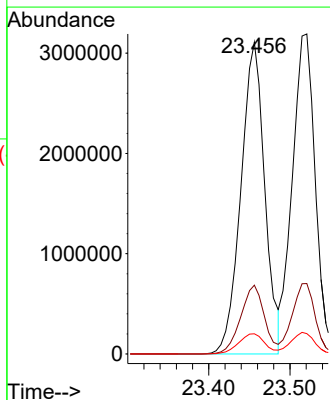
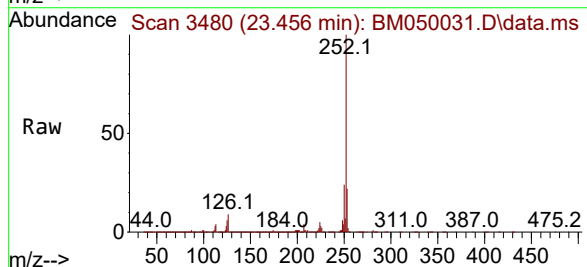
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

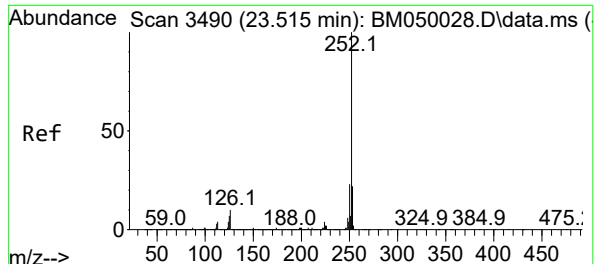
Tgt Ion:276 Resp: 7285836
Ion Ratio Lower Upper
276 100
138 19.2 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 83.396 ng

RT: 23.521 min Scan# 3491

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

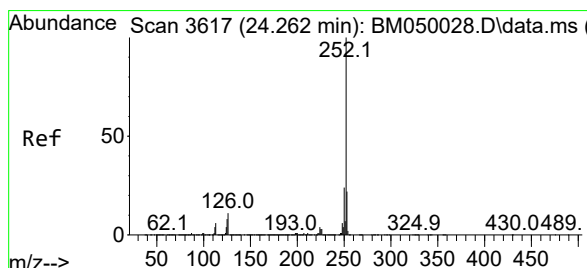
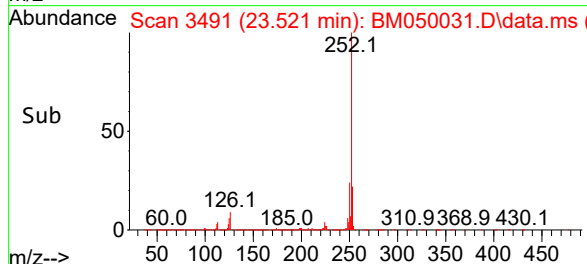
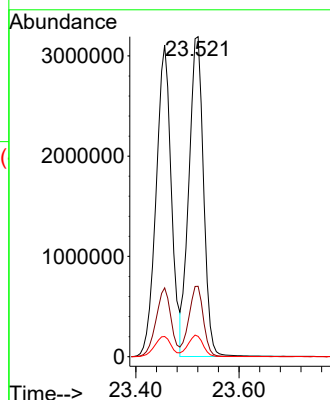
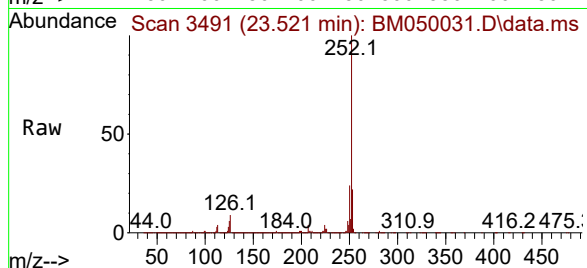
Tgt Ion:252 Resp: 6265924

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 6.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 85.195 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

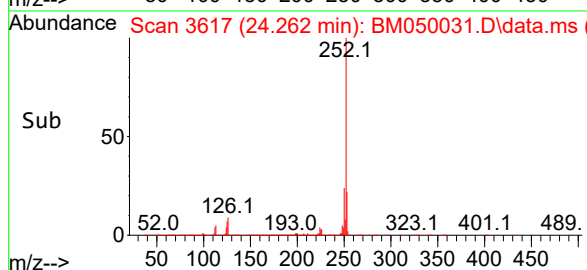
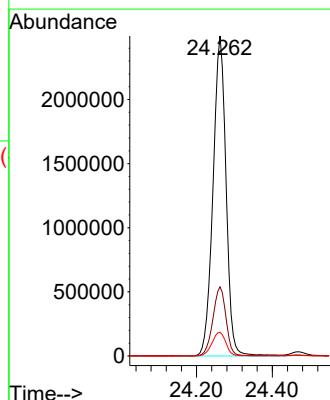
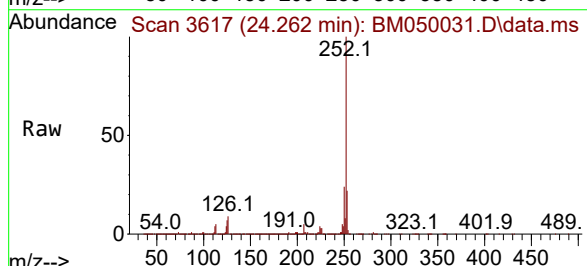
Tgt Ion:252 Resp: 5925652

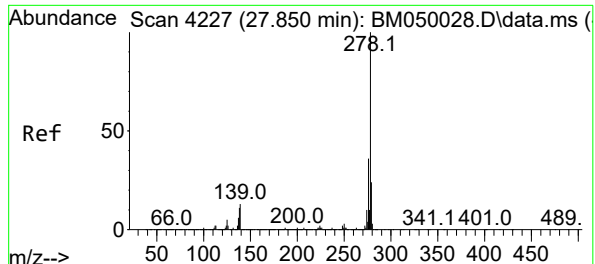
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 86.239 ng

RT: 27.850 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

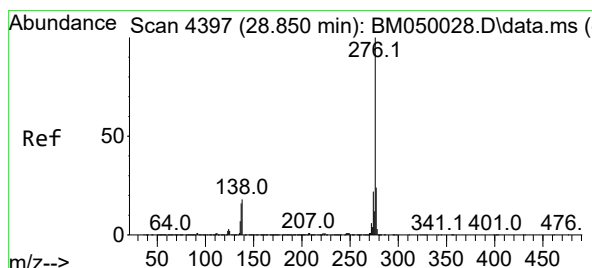
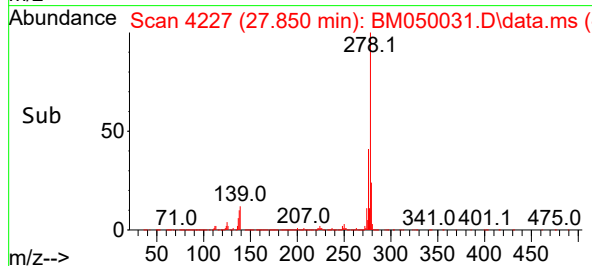
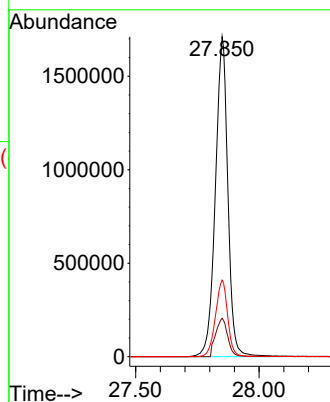
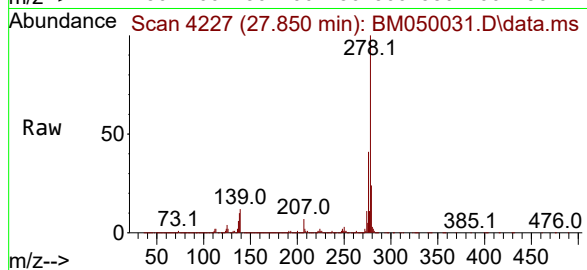
Tgt Ion:278 Resp: 5981478

Ion Ratio Lower Upper

278 100

139 12.0 10.5 15.7

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 83.395 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.012 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

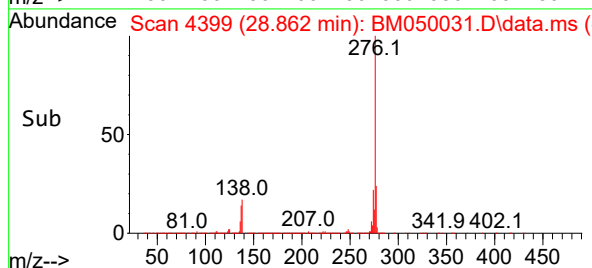
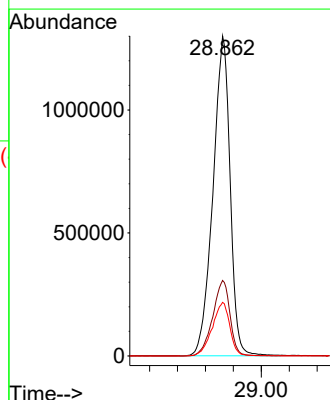
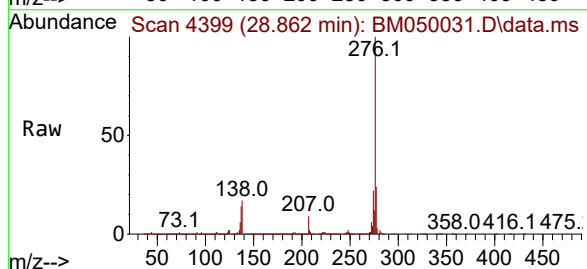
Tgt Ion:276 Resp: 5537637

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 16.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

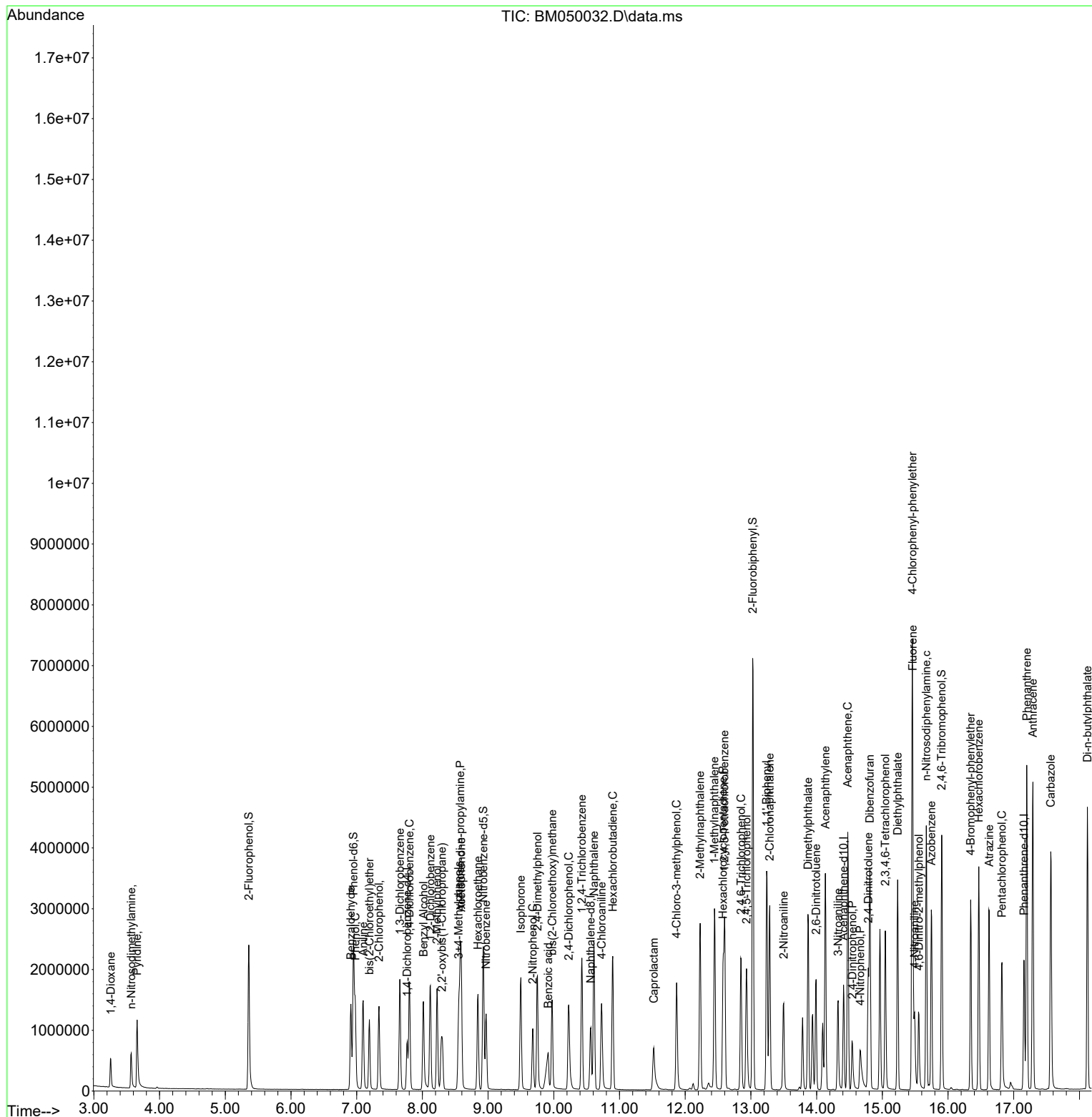

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Data File : BM050032.D  
Acq On    : 28 Apr 2025   17:43  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



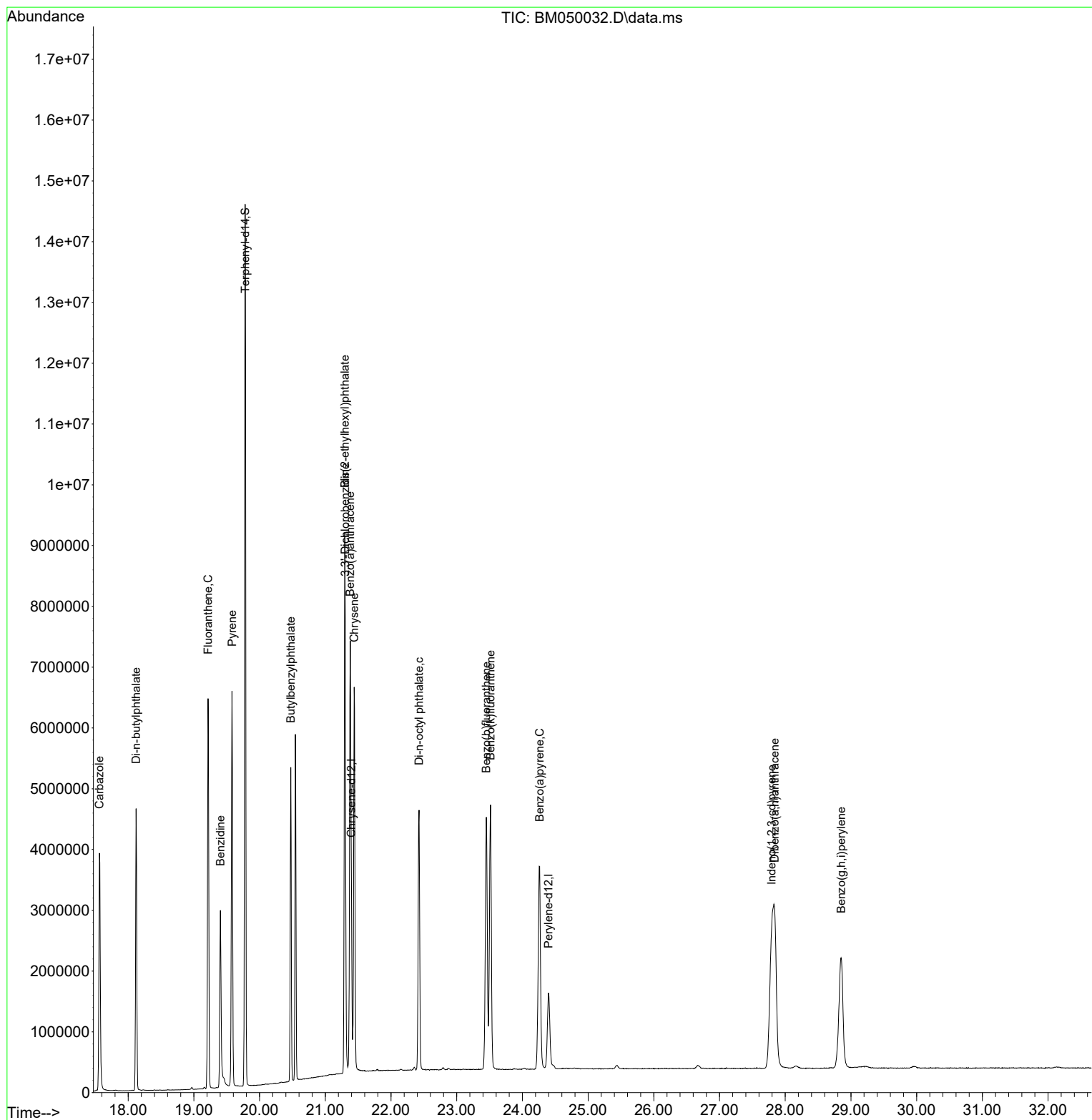
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Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

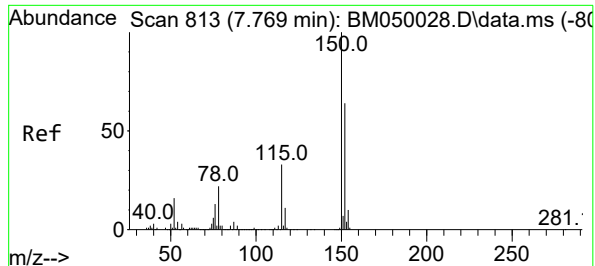
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

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

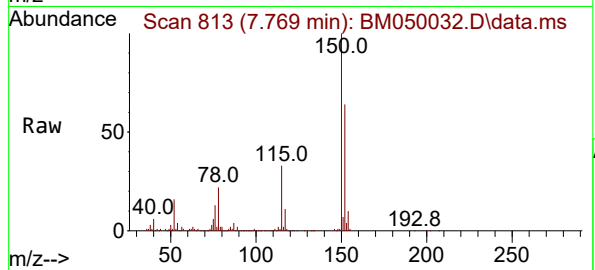
Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

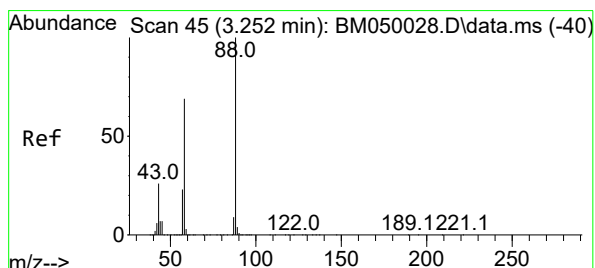
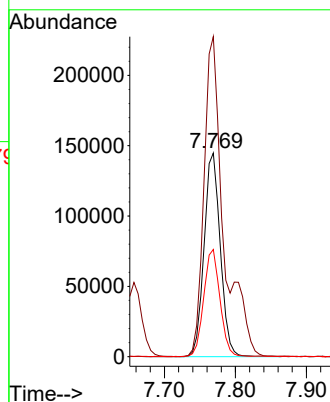
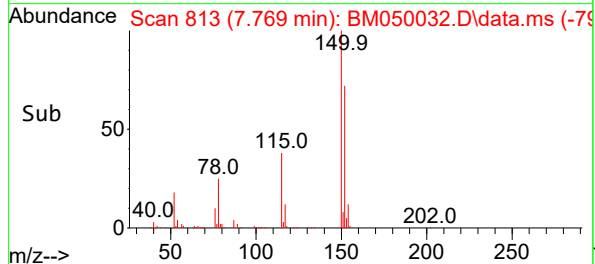
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:152 Resp: 23012
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 52.6 41.2 61.8

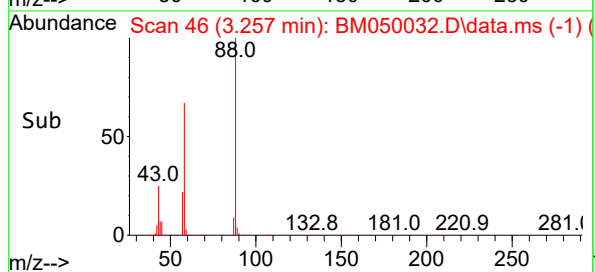
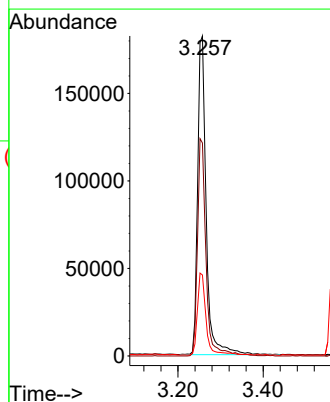
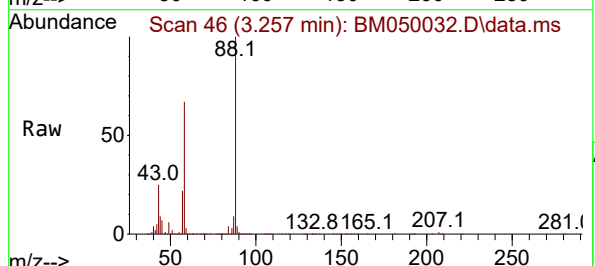
Manual Integrations
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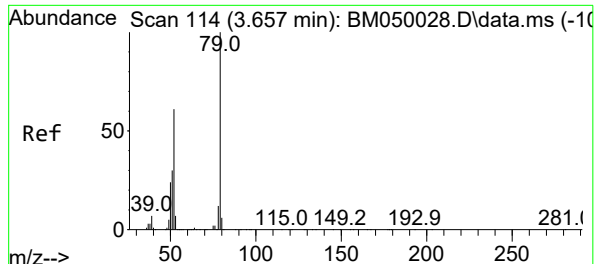
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

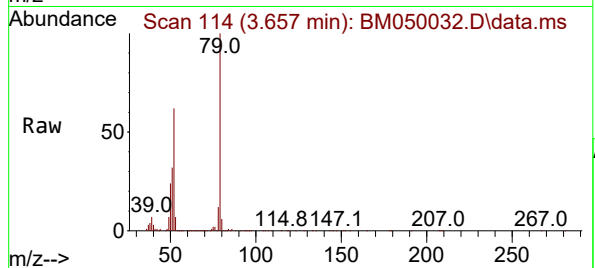
Tgt Ion: 88 Resp: 253433
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 25.9 20.9 31.3





#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

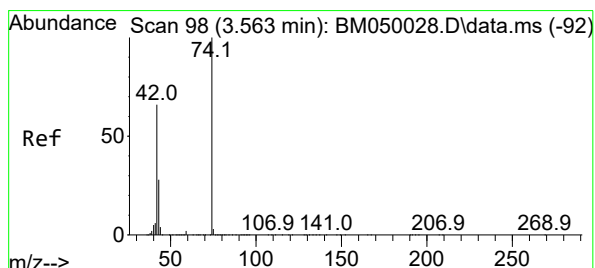
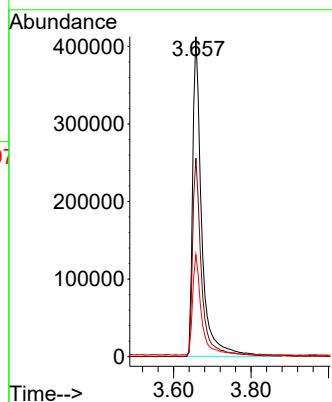
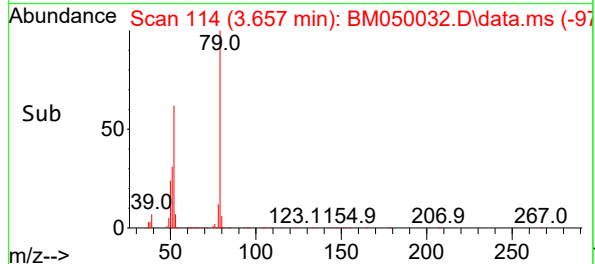
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 79 Resp: 67372
Ion Ratio Lower Upper
79 100
52 62.0 48.6 72.8
51 31.9 24.6 37.0

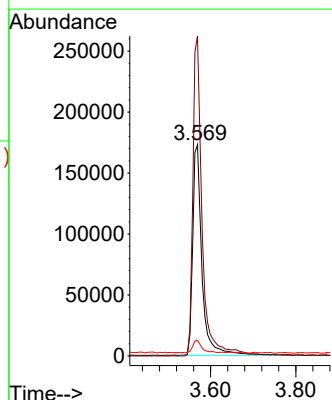
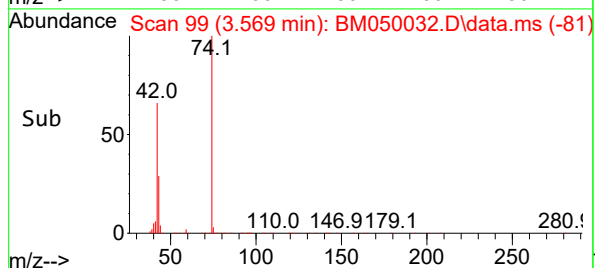
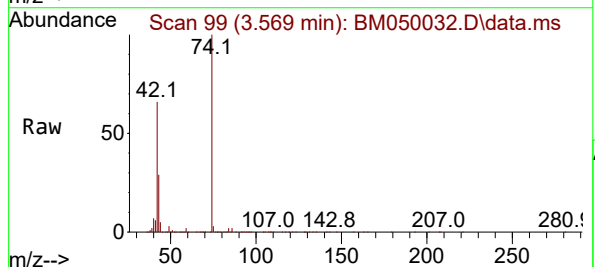
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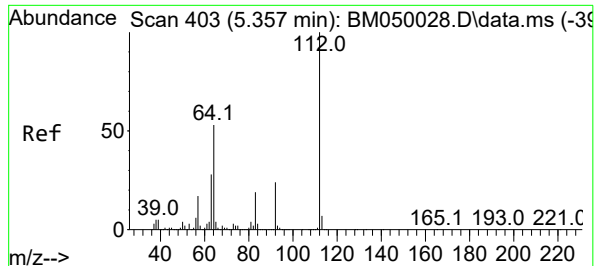
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951
Ion Ratio Lower Upper
42 100
74 151.5 120.2 180.2
44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 87.928 ng

RT: 5.357 min Scan# 403

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:112 Resp: 115555

Ion Ratio Lower Upper

112 100

64 52.4 42.6 64.0

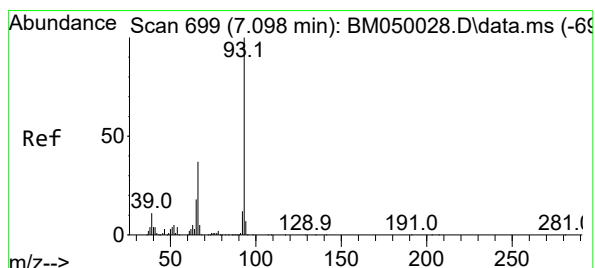
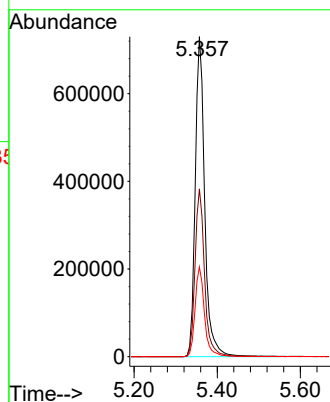
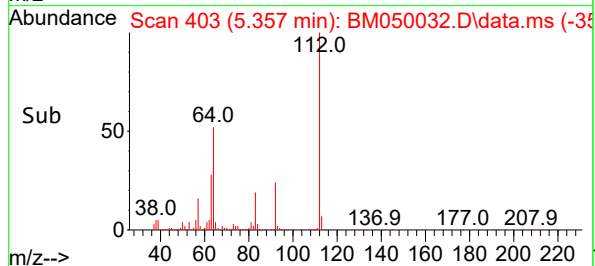
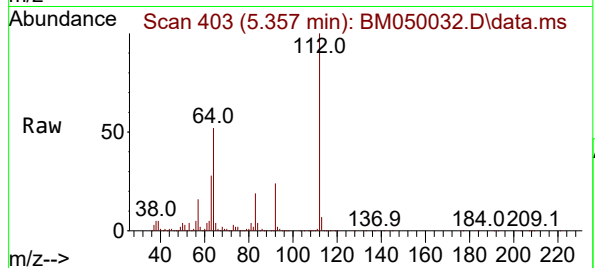
63 28.0 22.2 33.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 46.744 ng

RT: 7.098 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

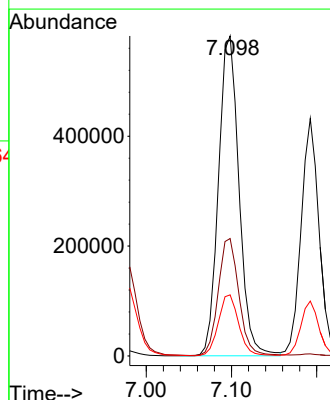
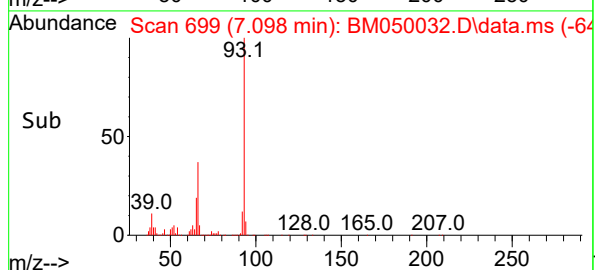
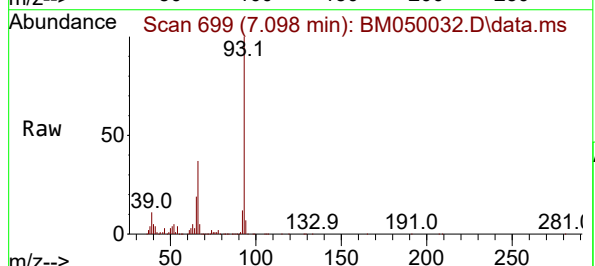
Tgt Ion: 93 Resp: 974989

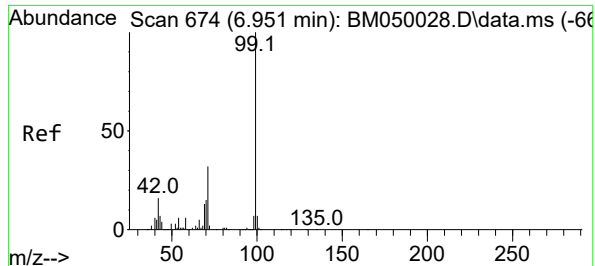
Ion Ratio Lower Upper

93 100

66 36.7 29.9 44.9

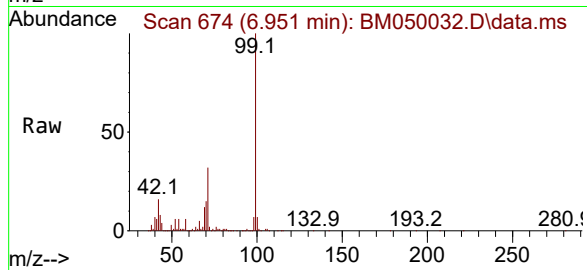
65 19.1 14.5 21.7





#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

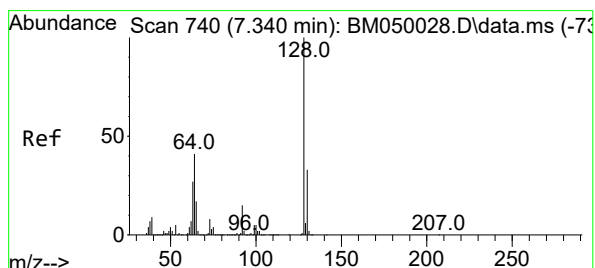
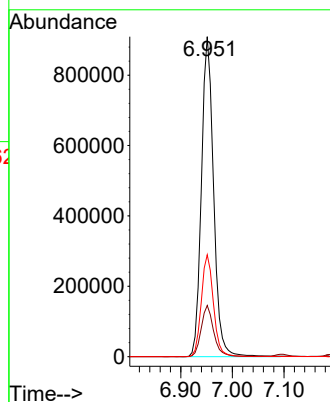
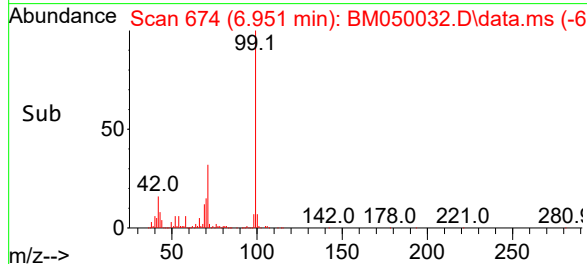
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 99 Resp: 1488919
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 31.9 25.6 38.4

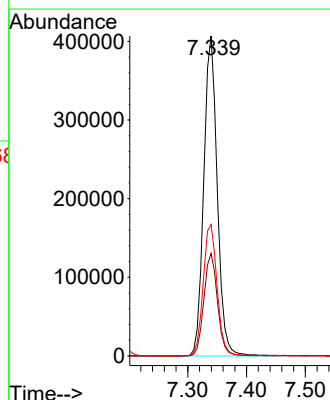
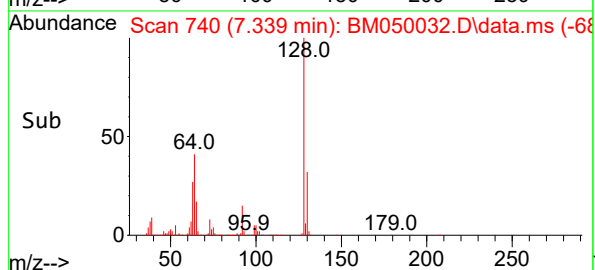
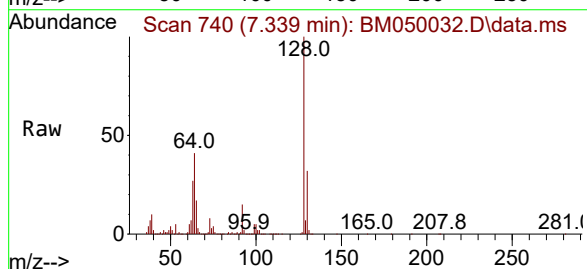
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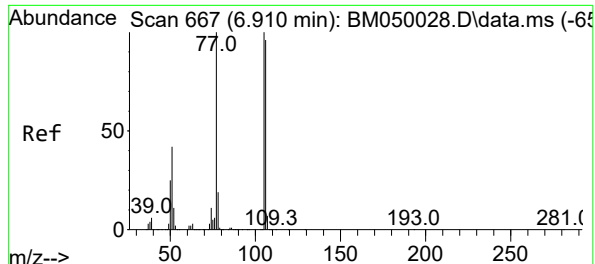
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

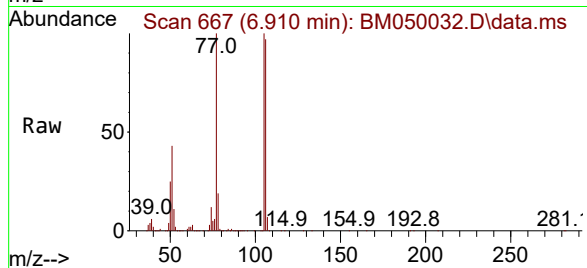
Tgt Ion:128 Resp: 649705
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 41.1 21.2 61.2





#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

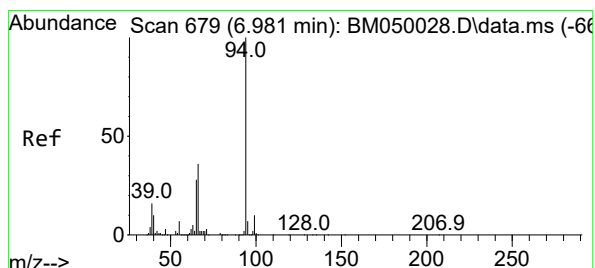
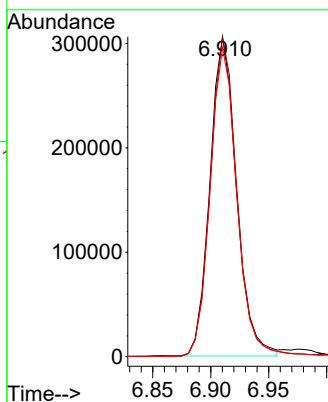
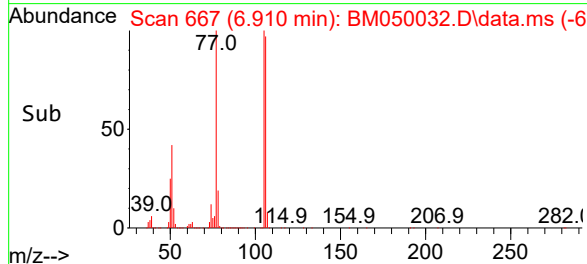
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 48567
Ion Ratio Lower Upper
77 100
105 99.8 80.5 120.5
106 96.6 76.1 116.1

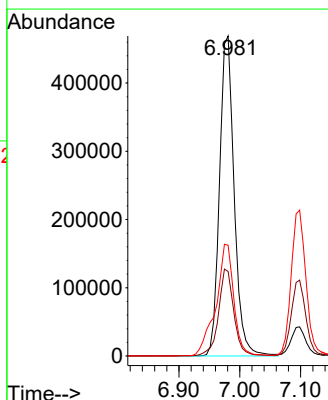
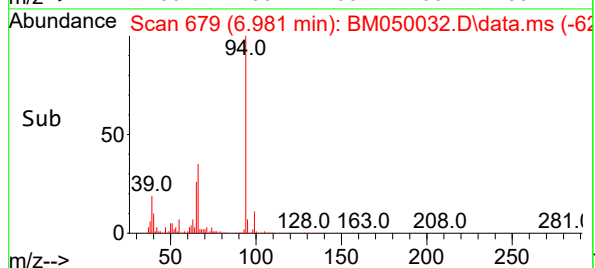
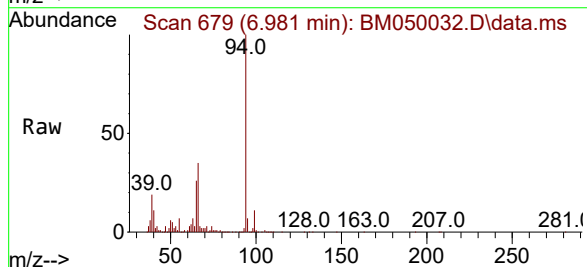
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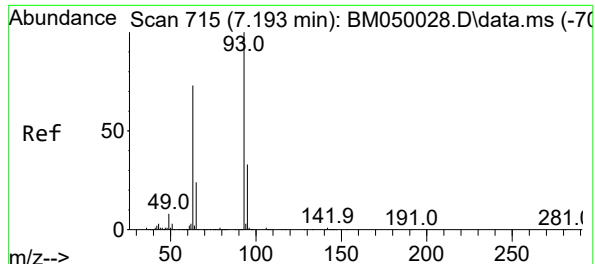
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469
Ion Ratio Lower Upper
94 100
65 26.4 7.6 47.6
66 34.6 15.8 55.8





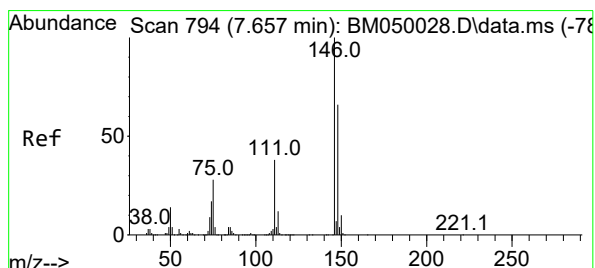
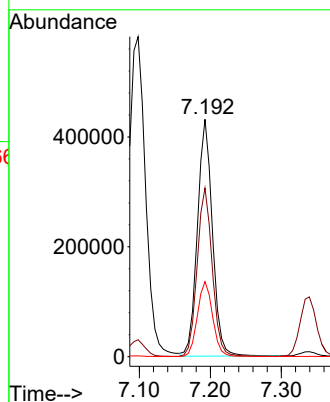
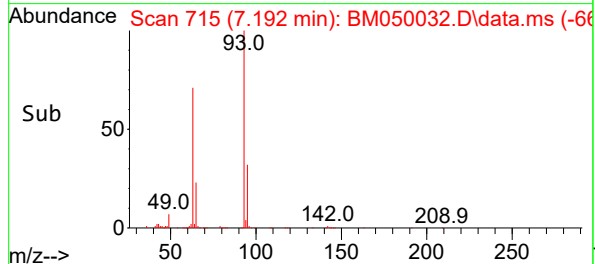
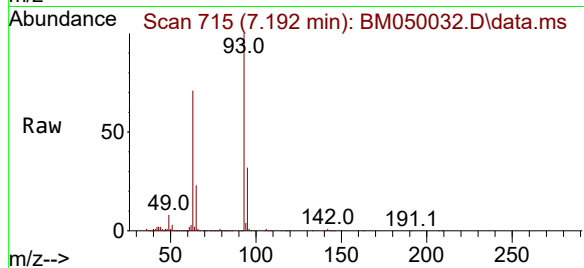
#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion: 93 Resp: 63560
Ion Ratio Lower Upper
93 100
63 71.0 52.3 92.3
95 31.6 12.8 52.8

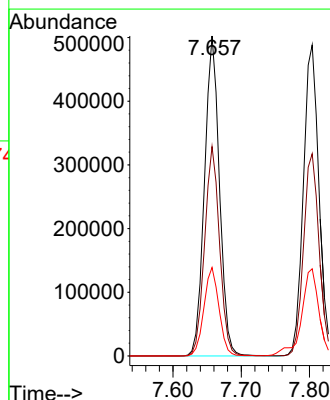
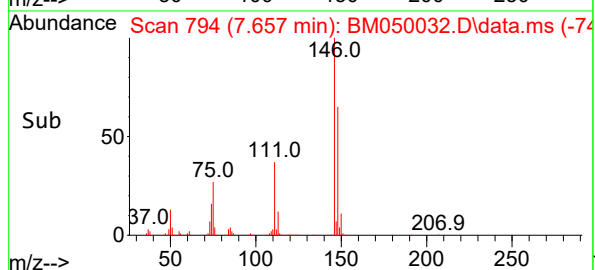
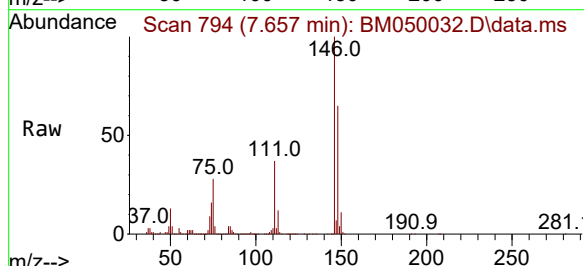
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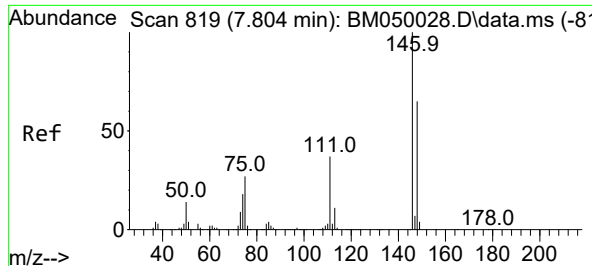
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.6 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 44.941 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

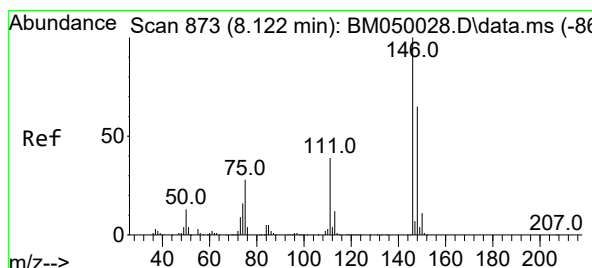
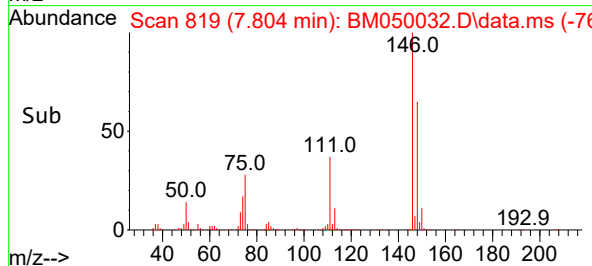
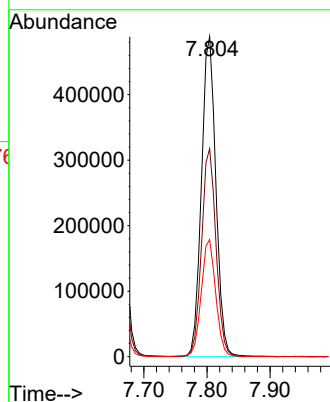
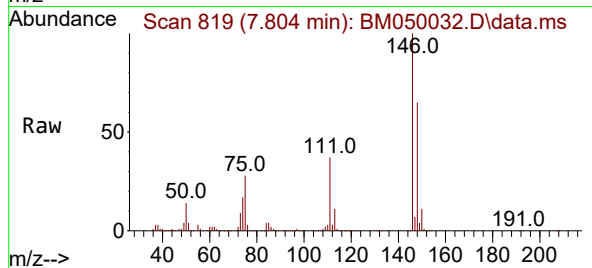
ICVBM042825

Tgt Ion	146	Resp	774954
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9

Manual Integrations

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



#14

1,2-Dichlorobenzene

Concen: 45.174 ng

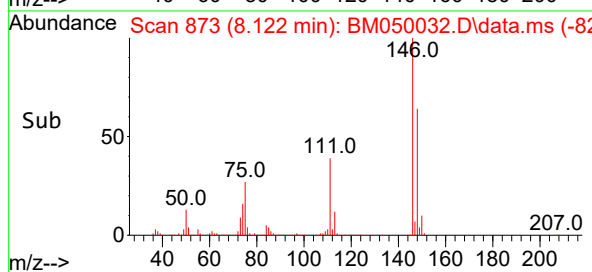
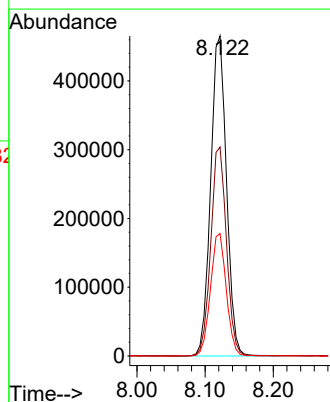
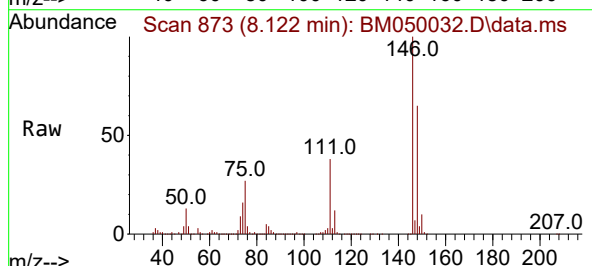
RT: 8.122 min Scan# 873

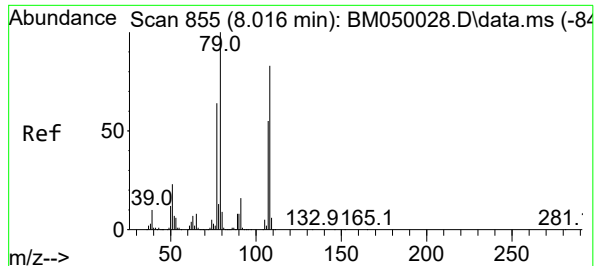
Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion	146	Resp	752460
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15

Benzyl Alcohol

Concen: 48.167 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 79 Resp: 55175

Ion Ratio Lower Upper

79 100

108 79.4 66.0 99.0

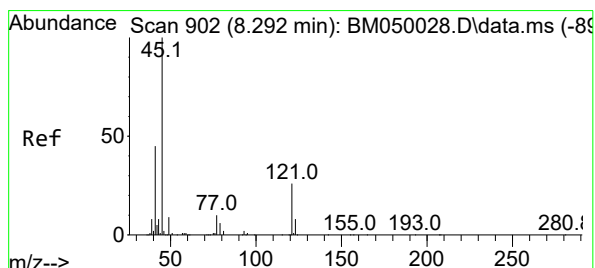
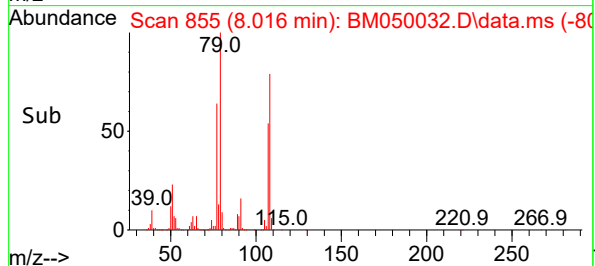
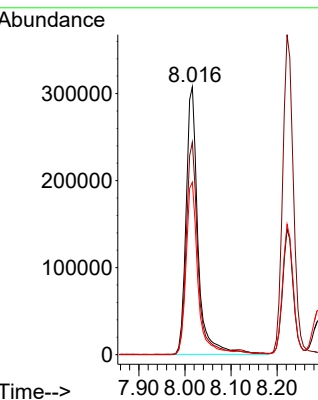
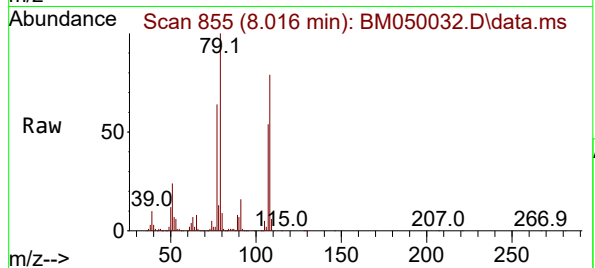
77 64.4 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.929 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

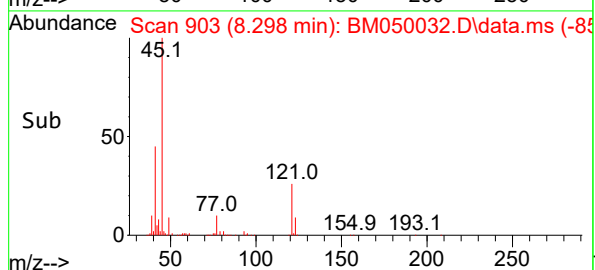
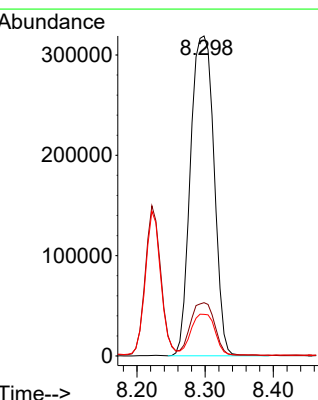
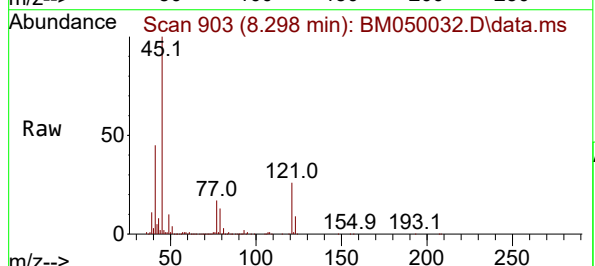
Tgt Ion: 45 Resp: 762583

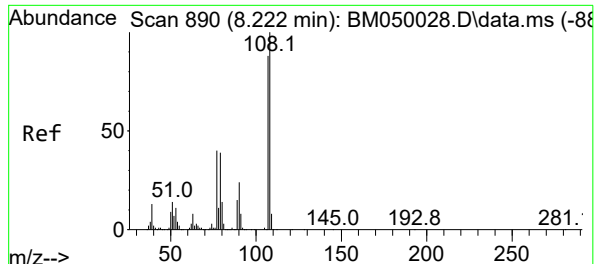
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 47.153 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:107 Resp: 519420

Ion Ratio Lower Upper

107 100

108 114.1 91.1 136.7

77 46.5 36.2 54.4

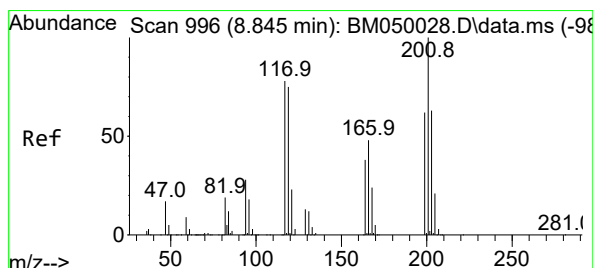
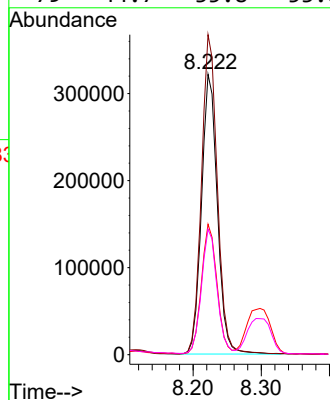
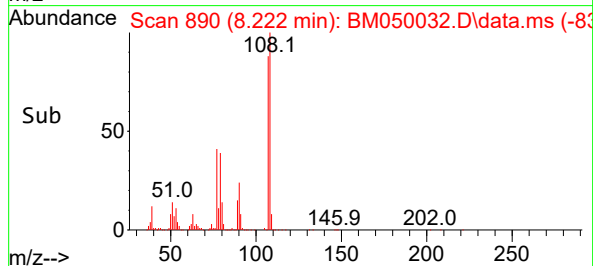
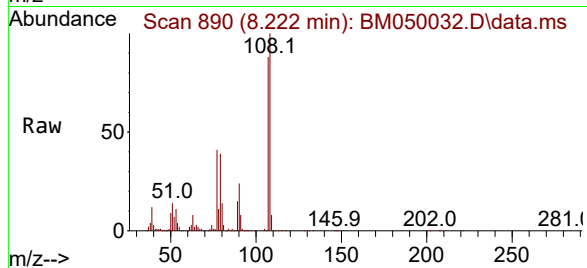
79 44.7 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 44.738 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

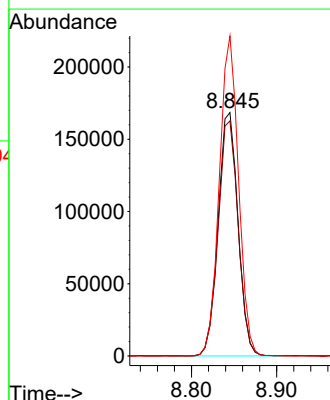
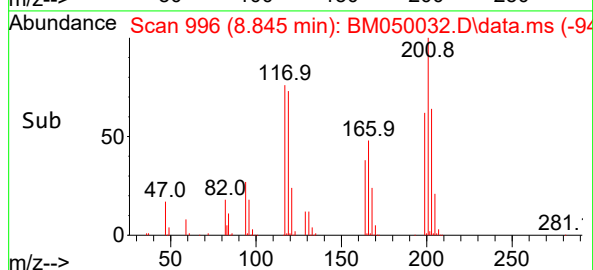
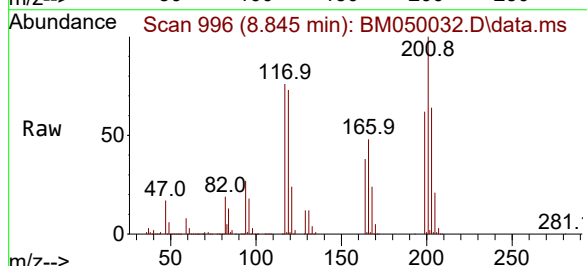
Tgt Ion:117 Resp: 274239

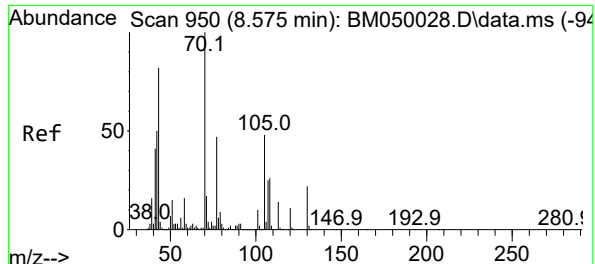
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

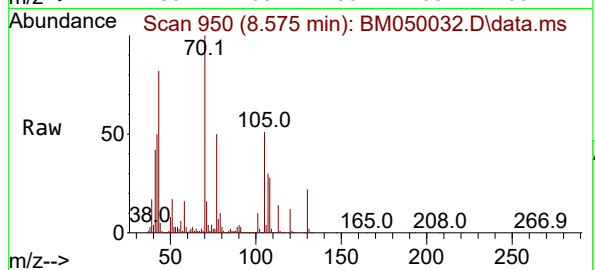
201 131.4 102.8 154.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.892 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

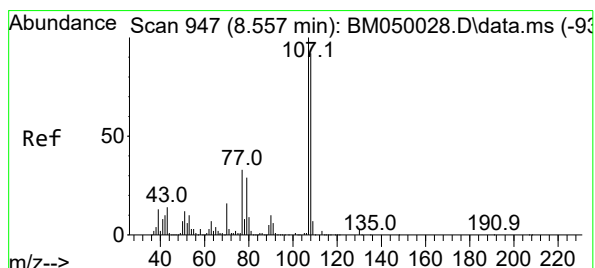
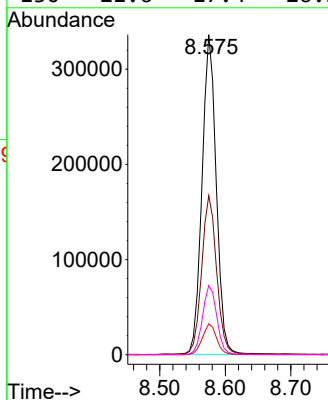
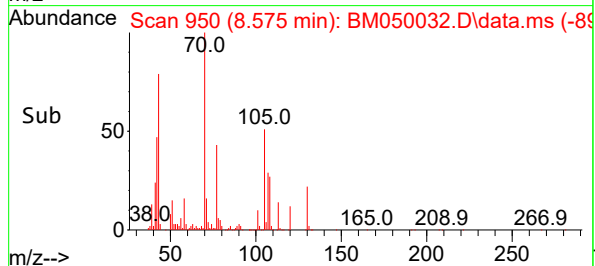
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 70 Resp: 507362
Ion Ratio Lower Upper
70 100
42 49.7 40.5 60.7
101 9.7 7.8 11.6
130 21.6 17.4 26.2

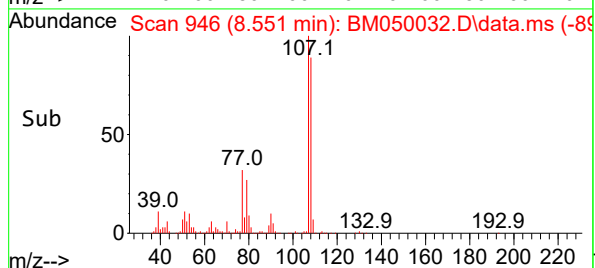
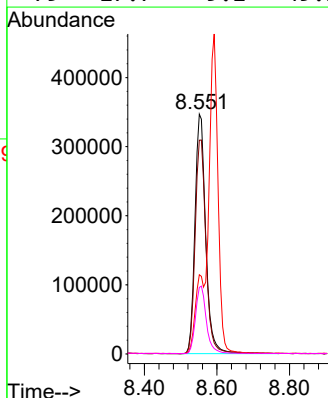
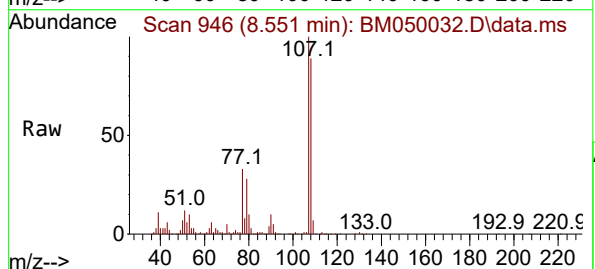
Manual Integrations
APPROVED

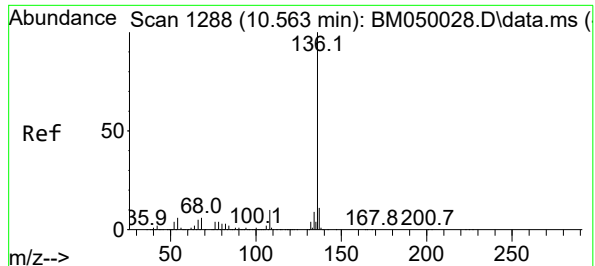
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#20
3+4-Methylphenols
Concen: 47.974 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

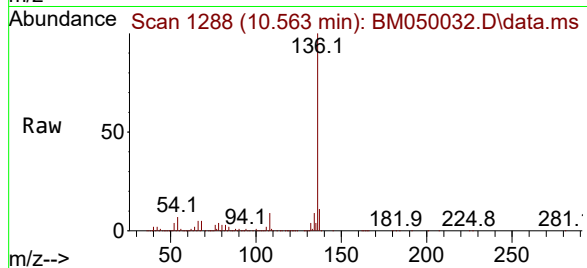
Tgt Ion:107 Resp: 713683
Ion Ratio Lower Upper
107 100
108 89.1 72.4 112.4
77 33.0 13.6 53.6
79 27.7 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

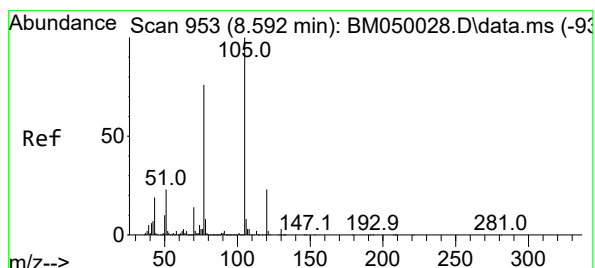
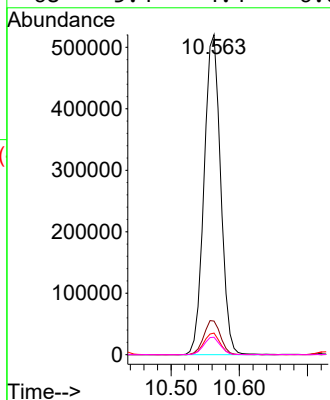
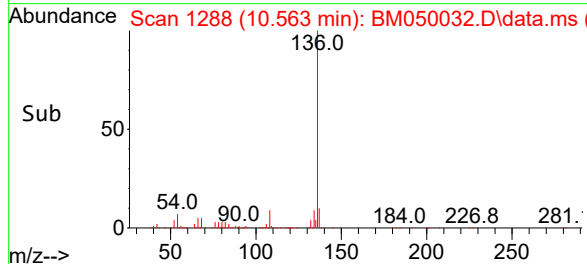
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:136 Resp: 877692
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.7 5.1 7.7
68 5.4 4.4 6.6

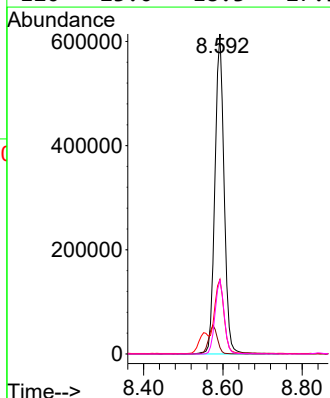
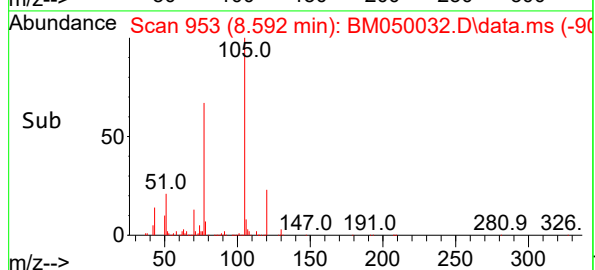
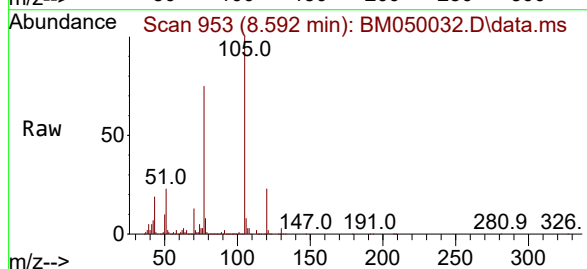
Manual Integrations
APPROVED

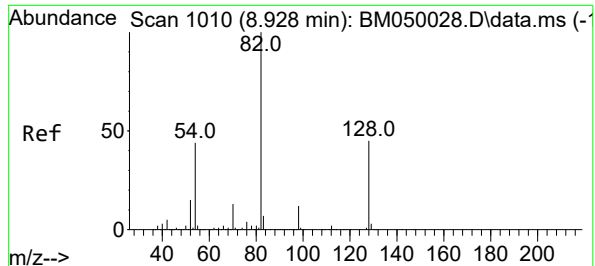
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275
Ion Ratio Lower Upper
105 100
71 2.0 1.7 2.5
51 23.3 18.6 27.8
120 23.0 18.3 27.5





#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

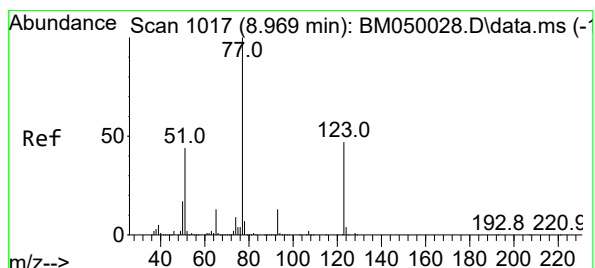
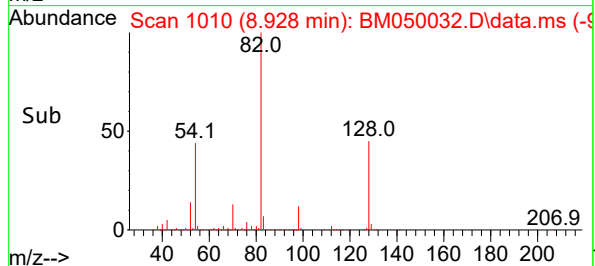
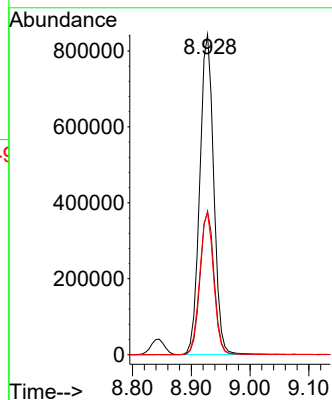
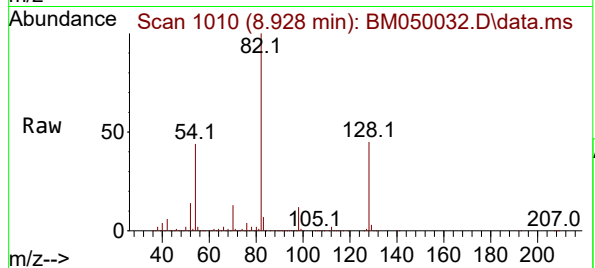
ClientSampleId :

ICVBM042825

Tgt Ion: 82 Resp: 138570
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 44.4 35.4 53.2

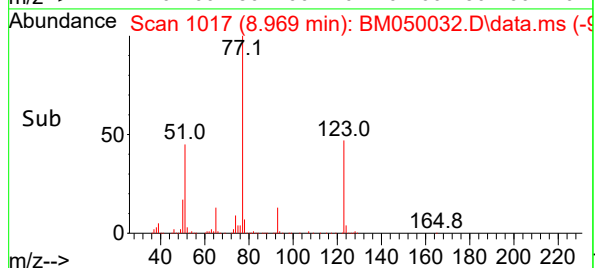
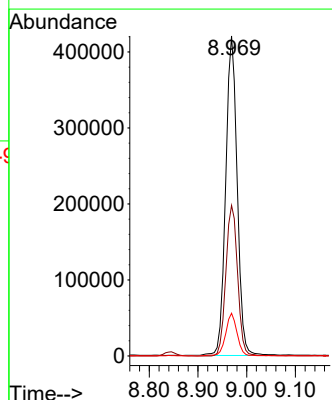
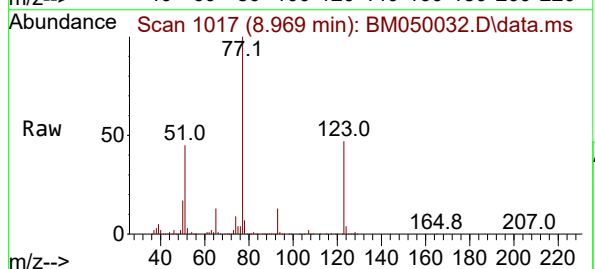
Manual Integrations
APPROVED

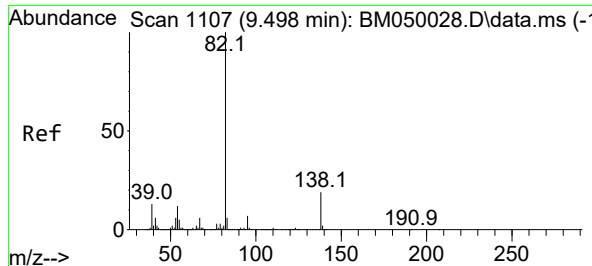
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

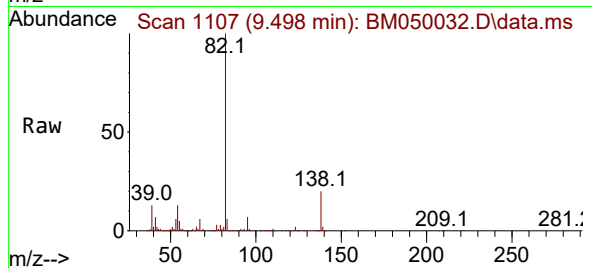
Tgt Ion: 77 Resp: 694640
Ion Ratio Lower Upper
77 100
123 47.1 37.9 56.9
65 13.3 10.1 15.1





#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

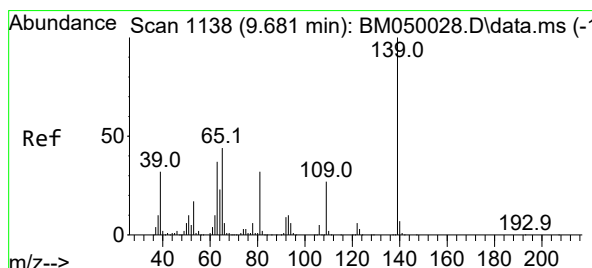
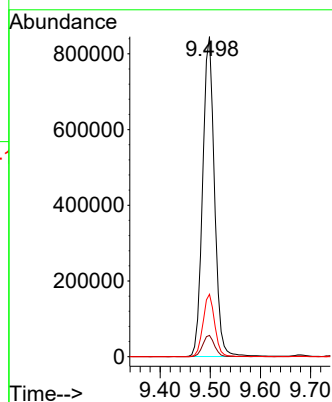
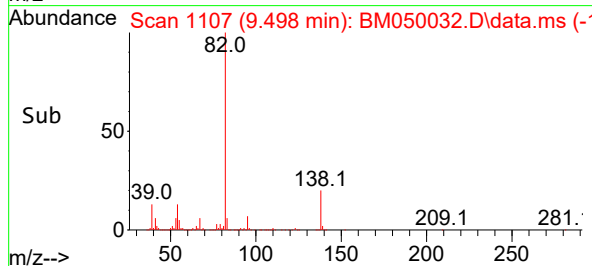
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 82 Resp: 1384372
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 19.5 15.5 23.3

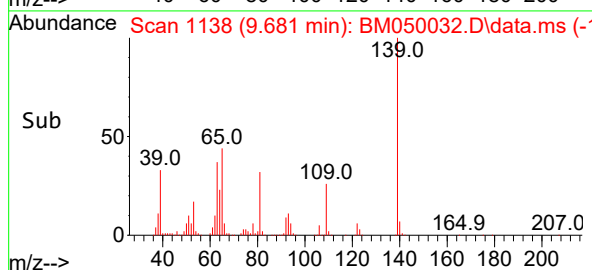
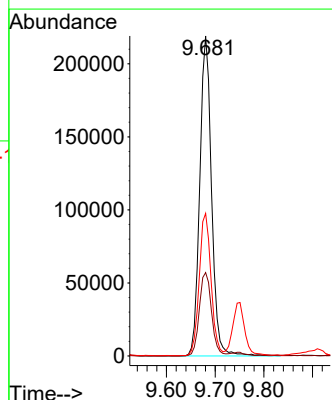
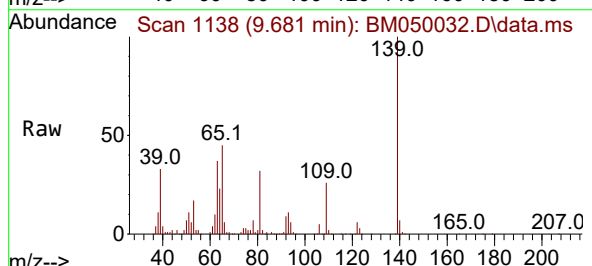
Manual Integrations
APPROVED

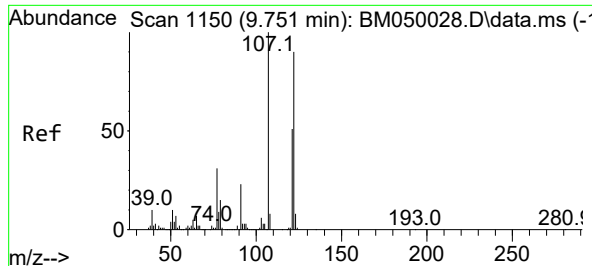
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

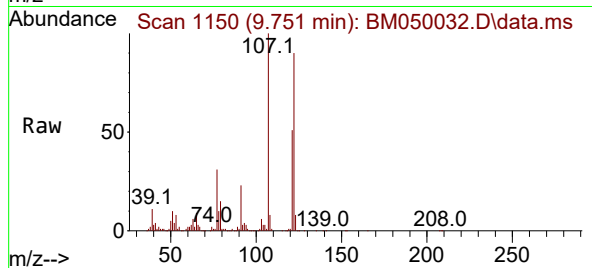
Tgt Ion:139 Resp: 370477
Ion Ratio Lower Upper
139 100
109 26.1 21.9 32.9
65 44.5 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

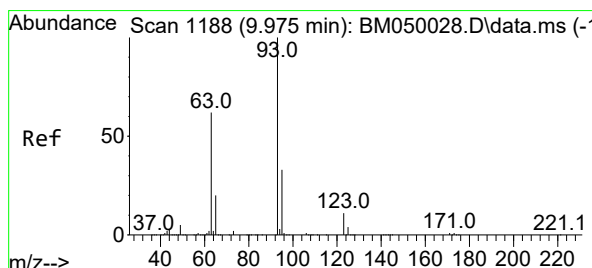
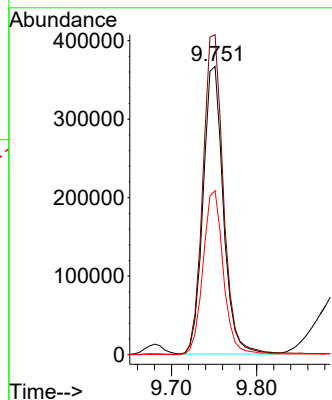
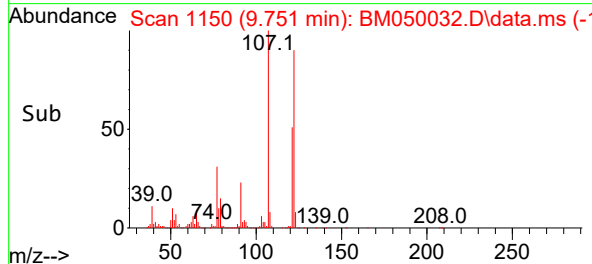
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:122 Resp: 605475
Ion Ratio Lower Upper
122 100
107 111.0 89.0 133.6
121 56.9 45.6 68.4

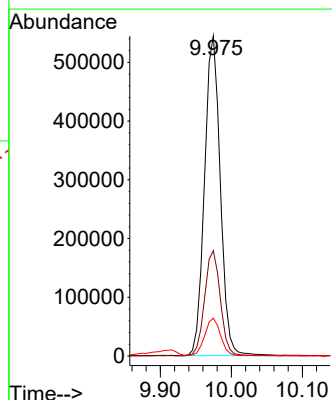
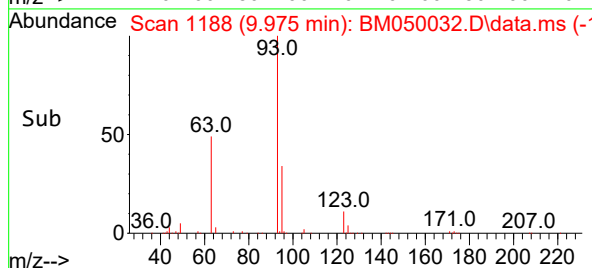
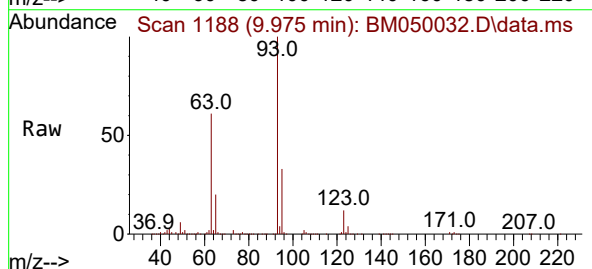
Manual Integrations
APPROVED

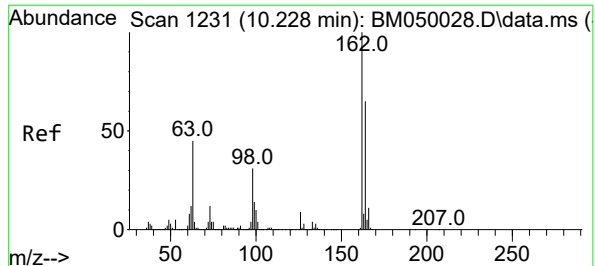
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 842968
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.8 9.5 14.3





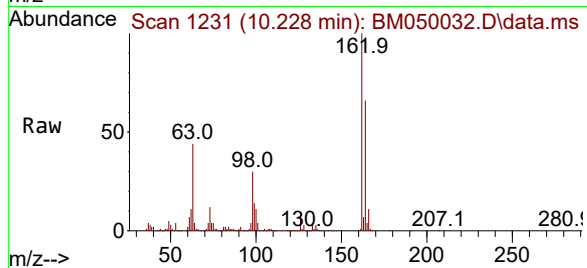
#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

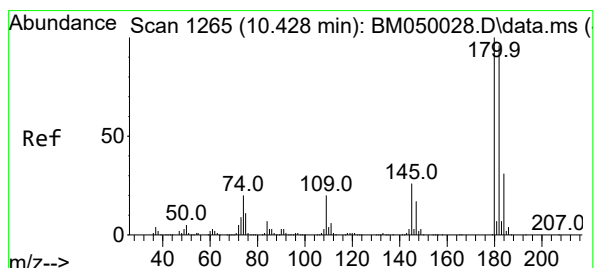
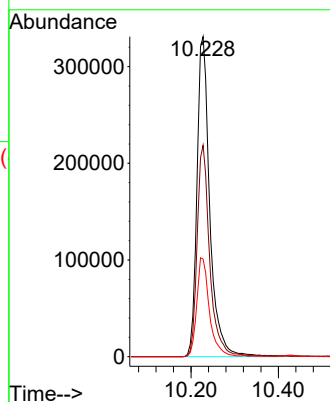
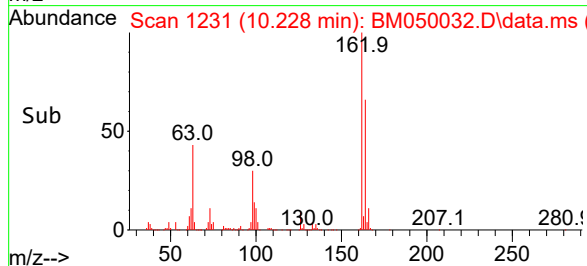


Tgt Ion:162 Resp: 677885
Ion Ratio Lower Upper
162 100
164 66.0 45.4 85.4
98 30.5 11.3 51.3

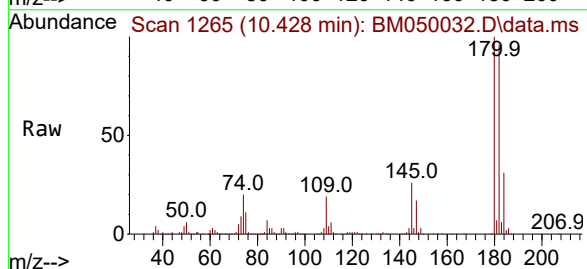
Manual Integrations

APPROVED

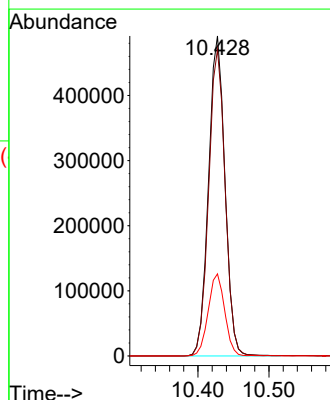
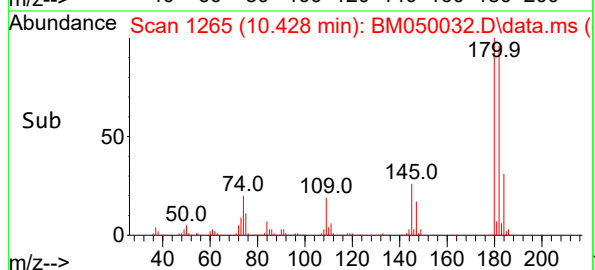
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

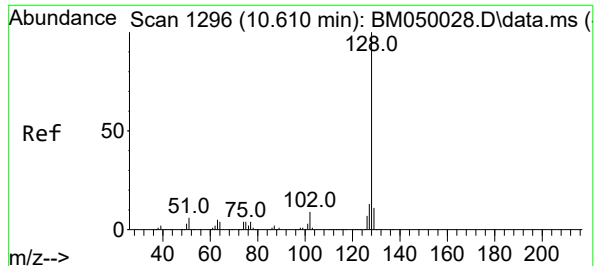


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



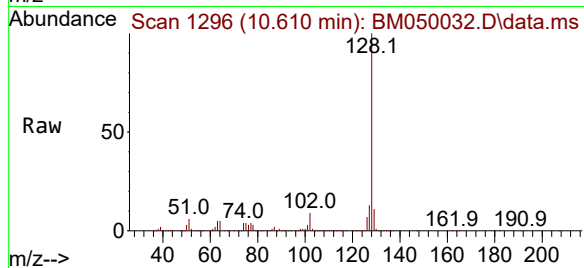
Tgt Ion:180 Resp: 789816
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 25.7 20.6 30.8





#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

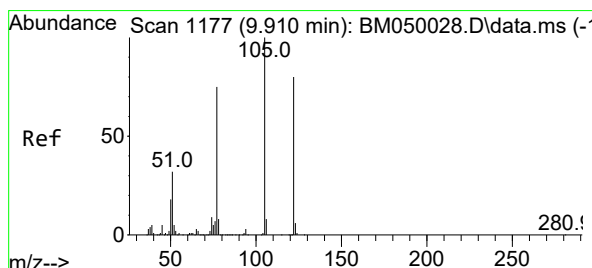
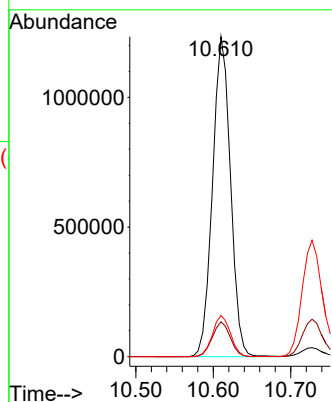
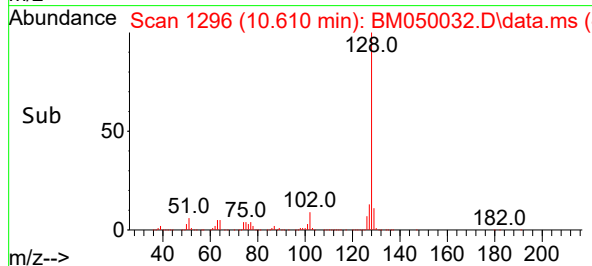
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:128 Resp: 1984698
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.4 15.6

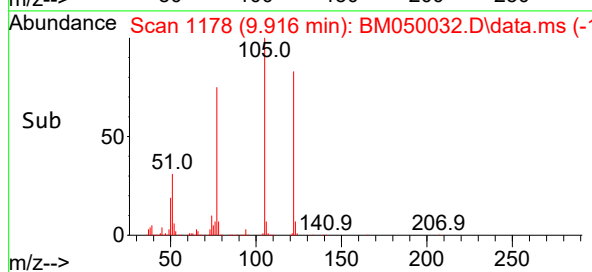
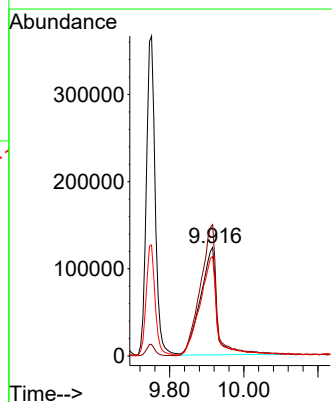
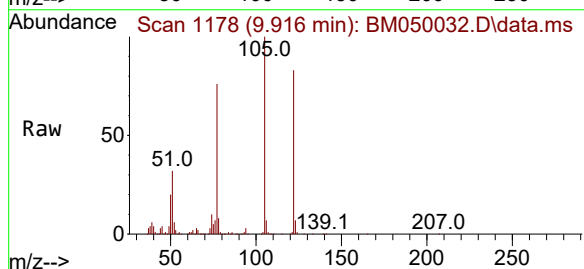
Manual Integrations
APPROVED

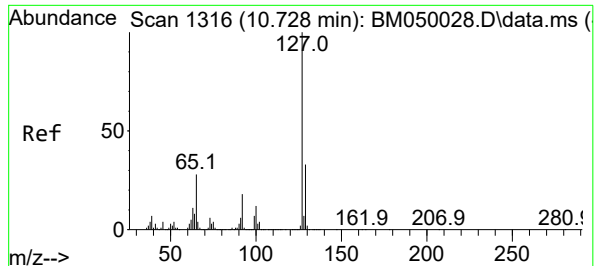
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

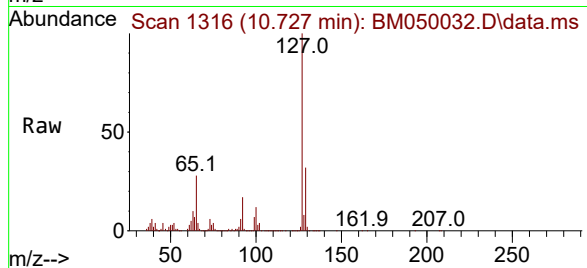
Tgt Ion:122 Resp: 384400
Ion Ratio Lower Upper
122 100
105 121.1 103.6 143.6
77 91.7 73.7 113.7





#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

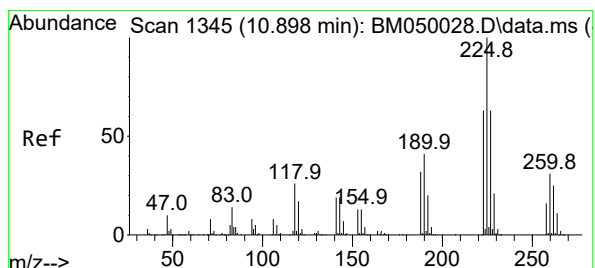
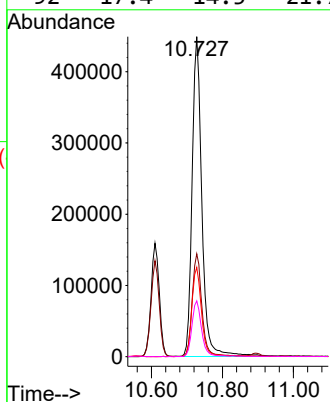
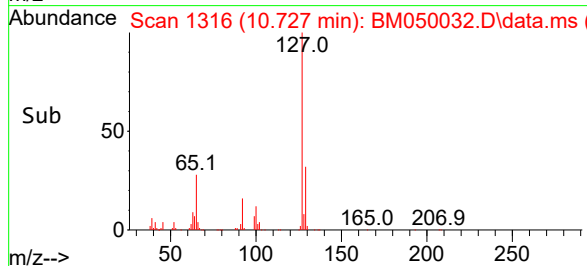
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



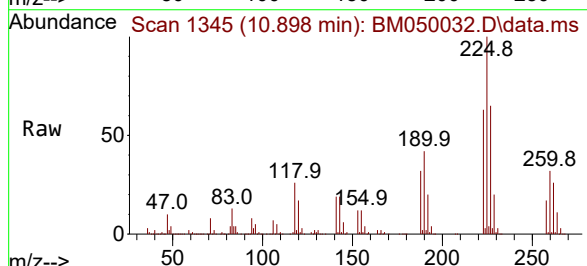
Tgt Ion:127 Resp: 86311
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 27.9 22.5 33.7
92 17.4 14.5 21.7

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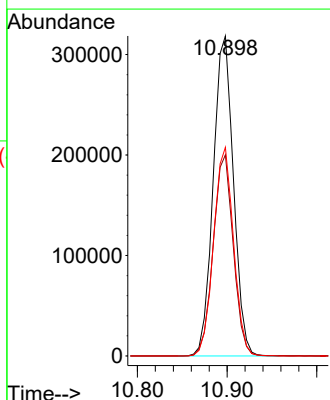
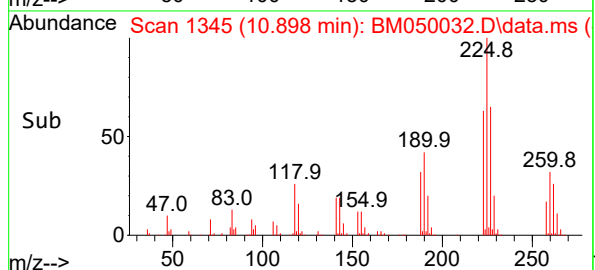
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

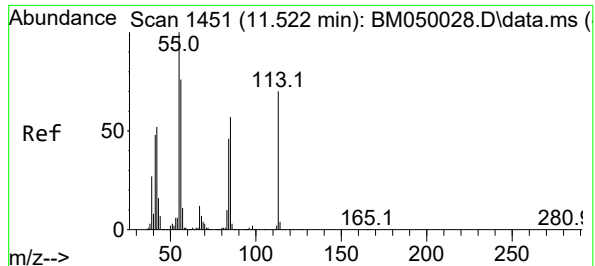


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



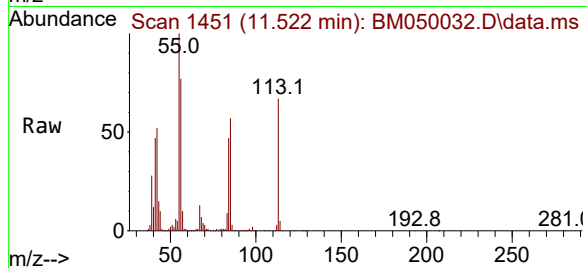
Tgt Ion:225 Resp: 497792
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.2
227 65.2 50.6 76.0





#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

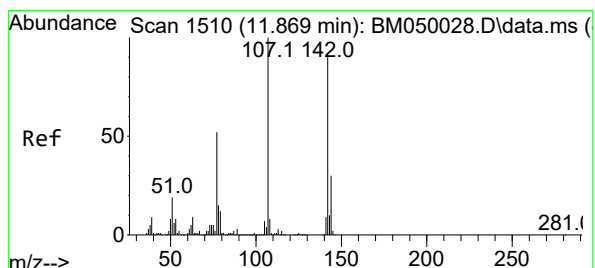
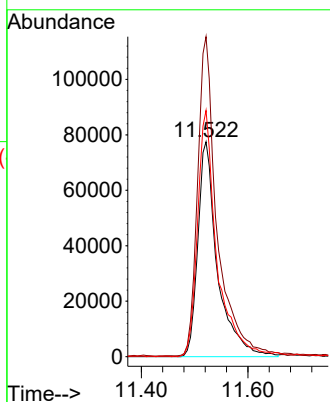
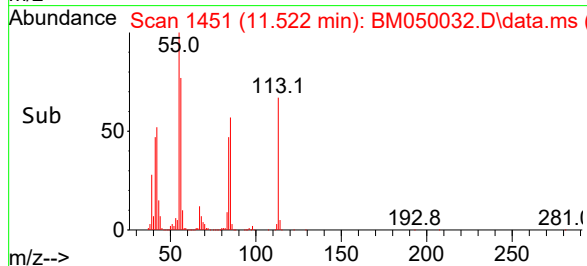
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:113 Resp: 198108
Ion Ratio Lower Upper
113 100
55 148.9 122.9 162.9
56 114.6 88.1 128.1

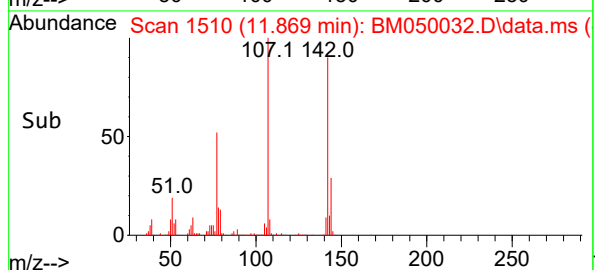
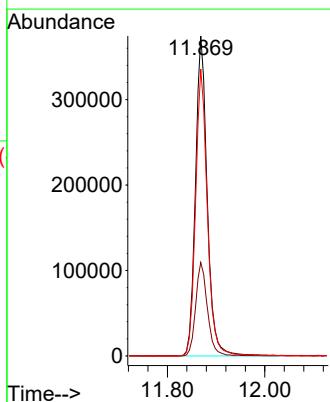
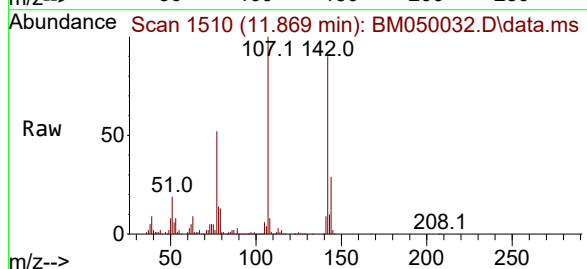
Manual Integrations
APPROVED

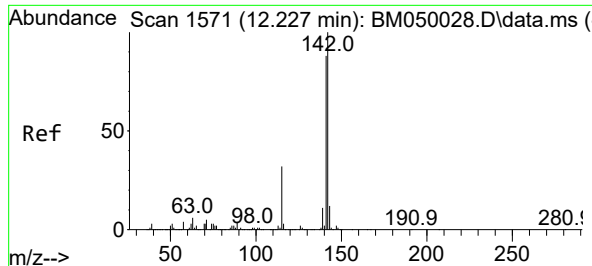
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

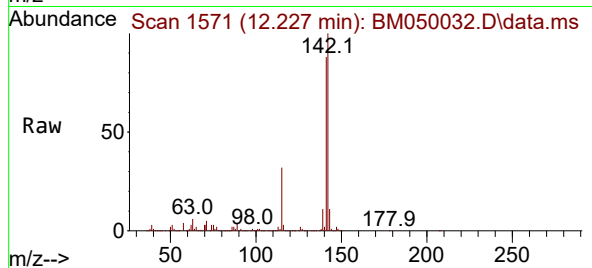
Tgt Ion:107 Resp: 632365
Ion Ratio Lower Upper
107 100
144 29.2 23.8 35.6
142 89.6 71.9 107.9





#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

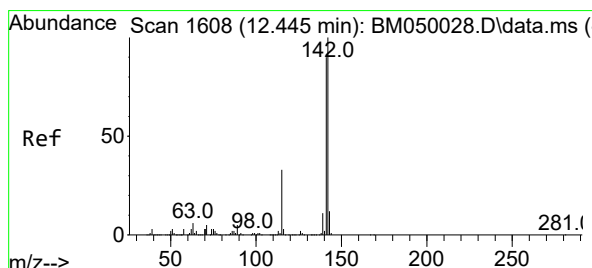
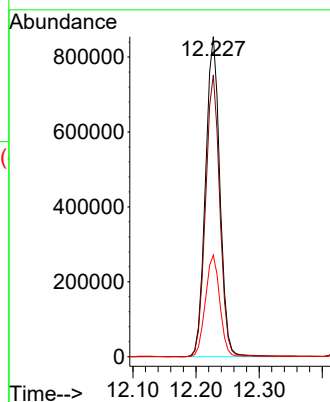
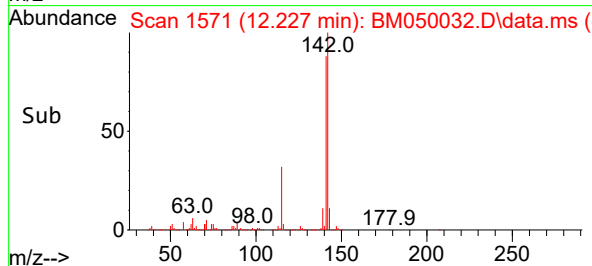
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



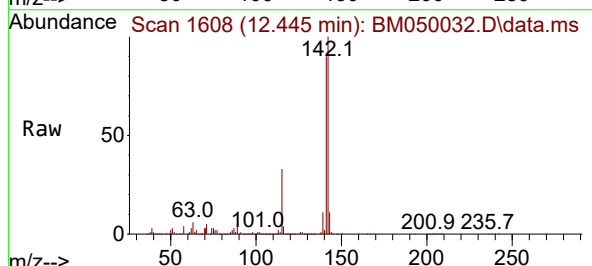
Tgt Ion:142 Resp: 1352170
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2

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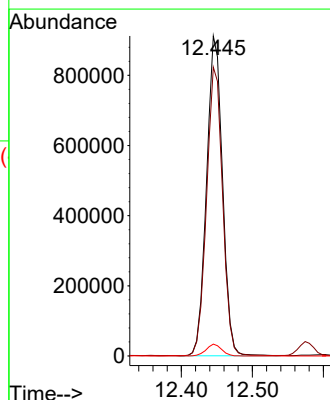
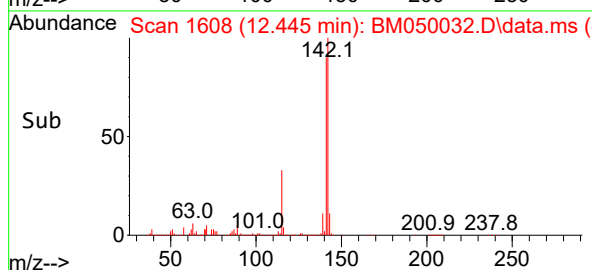
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

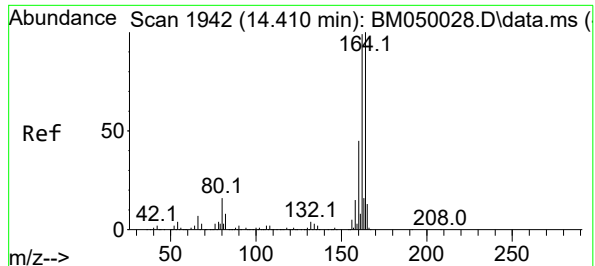


#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



Tgt Ion:142 Resp: 1425407
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050032.D

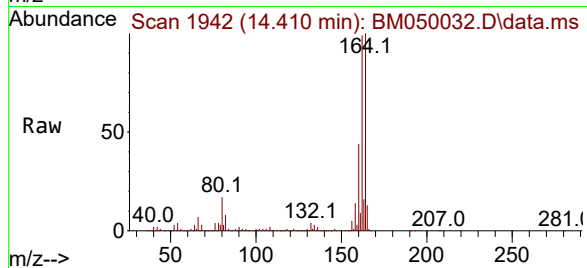
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825



Tgt Ion:164 Resp: 605832

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.0

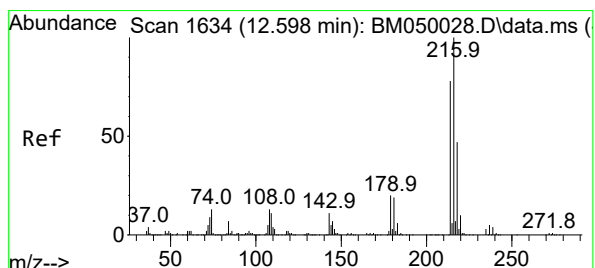
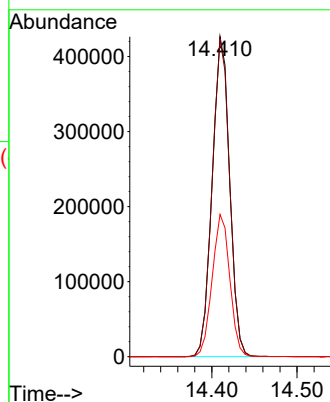
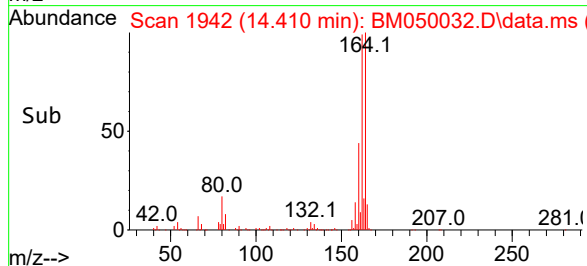
160 44.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.140 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion:216 Resp: 925725

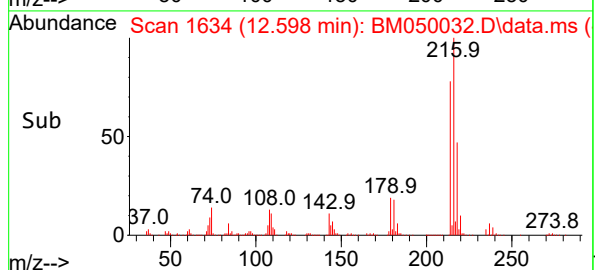
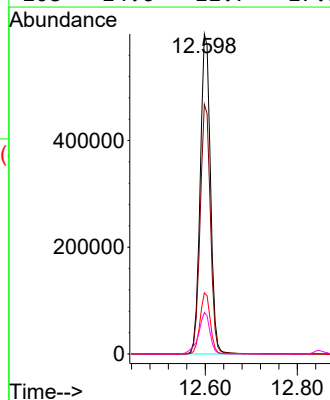
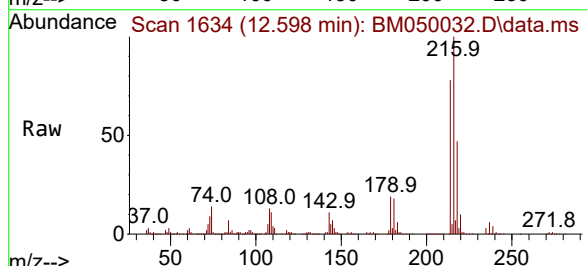
Ion Ratio Lower Upper

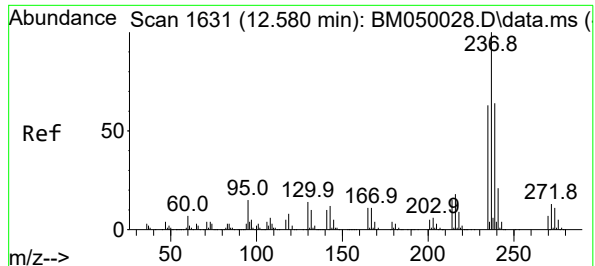
216 100

214 78.3 62.3 93.5

179 19.1 15.4 23.0

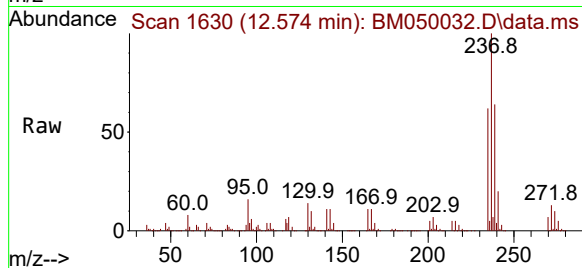
108 14.6 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

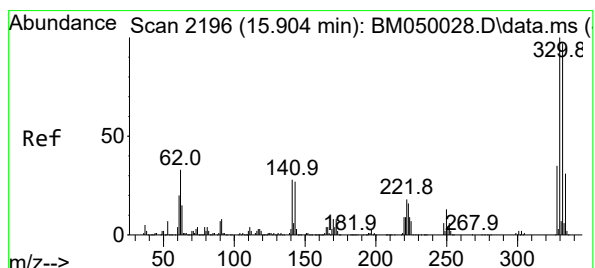
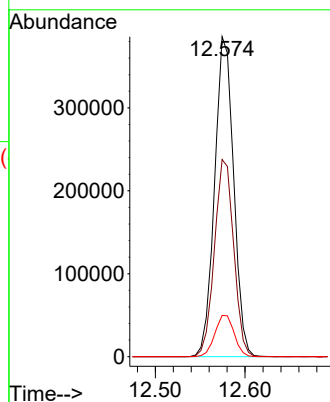
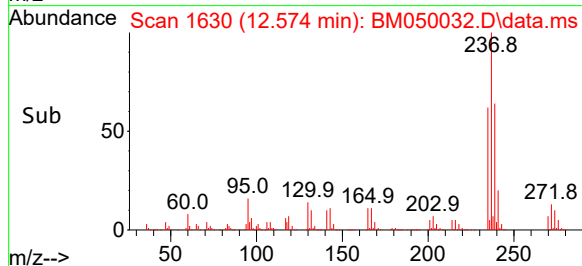
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:237 Resp: 56871
Ion Ratio Lower Upper
237 100
235 61.6 42.9 82.9
272 12.9 0.0 32.9

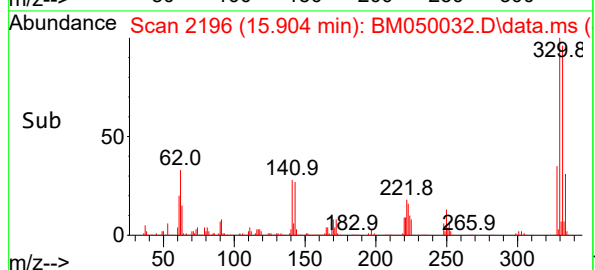
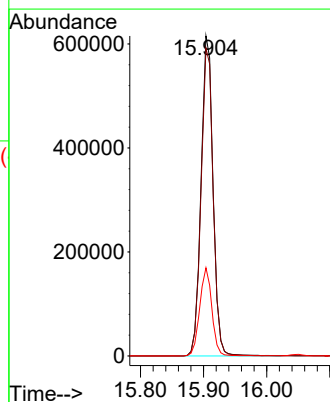
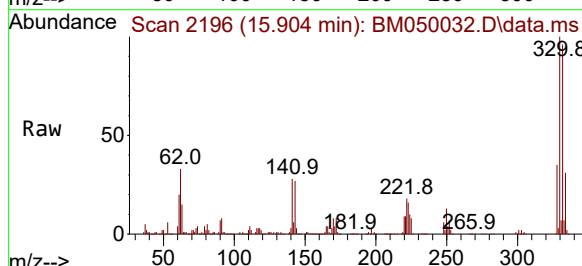
Manual Integrations
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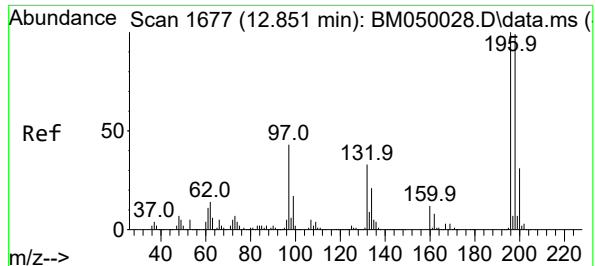
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.0 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 46.094 ng

RT: 12.851 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:196 Resp: 61314

Ion Ratio Lower Upper

196 100

198 95.9 79.0 118.6

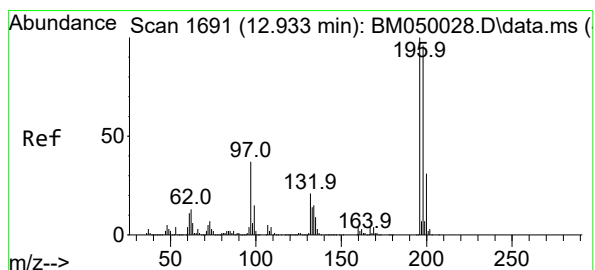
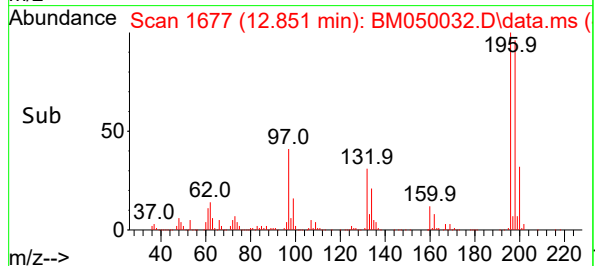
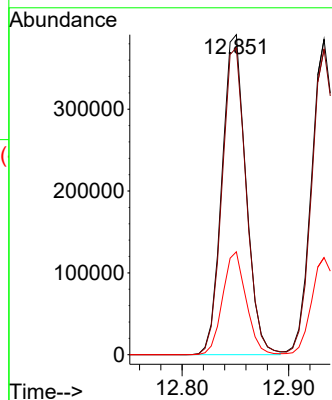
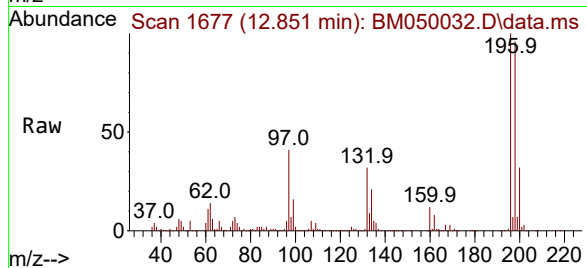
200 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

Concen: 46.271 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718

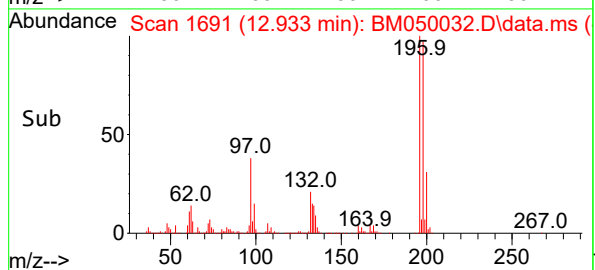
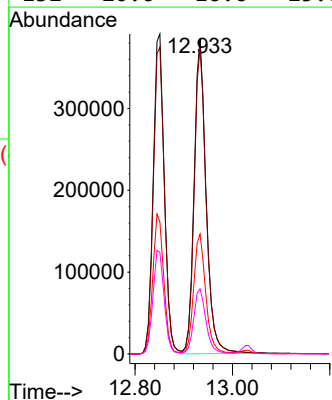
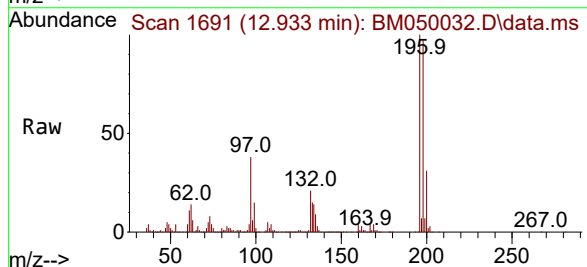
Ion Ratio Lower Upper

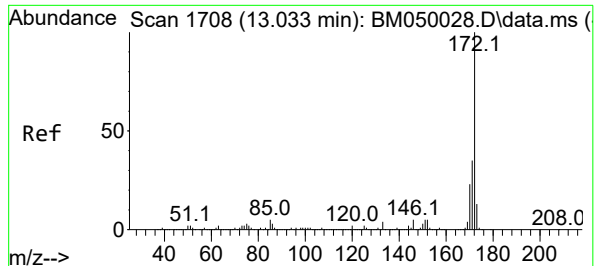
196 100

198 96.9 76.7 115.1

97 38.0 30.1 45.1

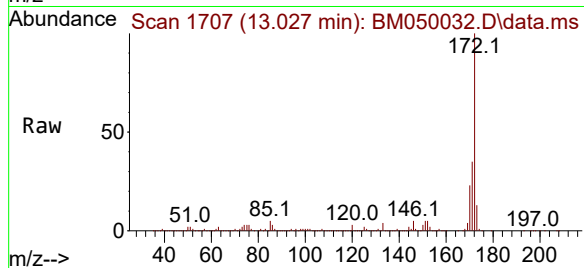
132 20.6 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

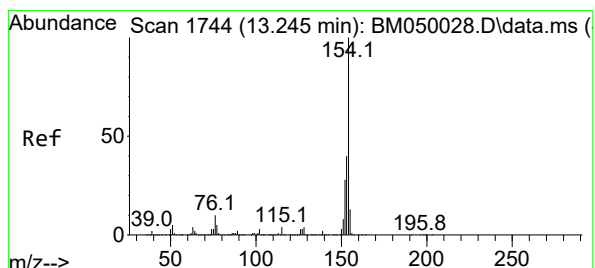
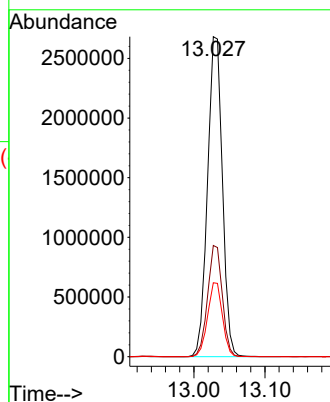
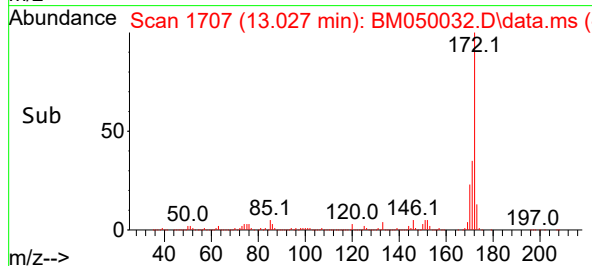
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:172 Resp: 390538
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 28.0

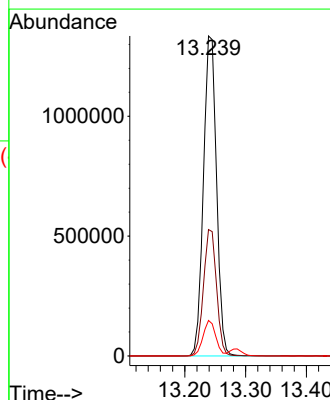
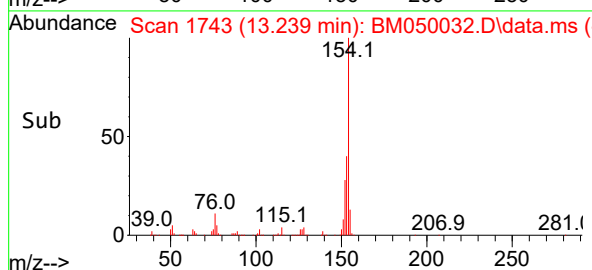
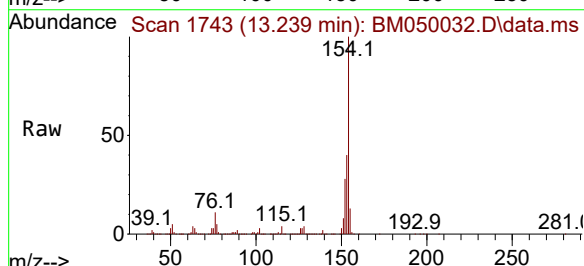
Manual Integrations
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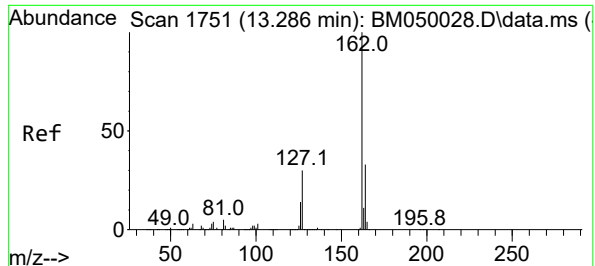
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

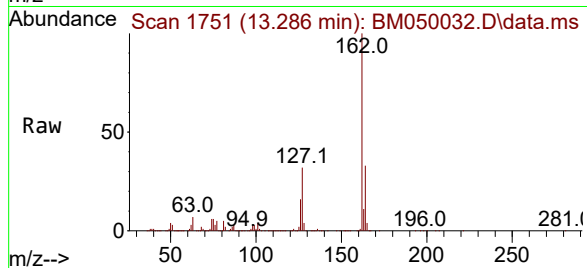
Tgt Ion:154 Resp: 1990852
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 11.1 0.0 30.3





#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

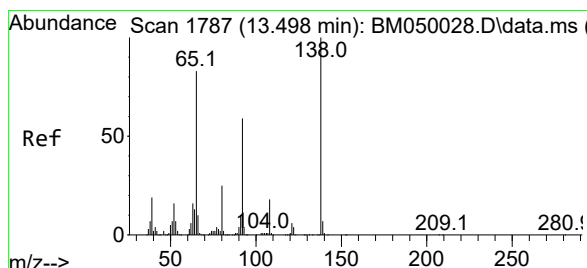
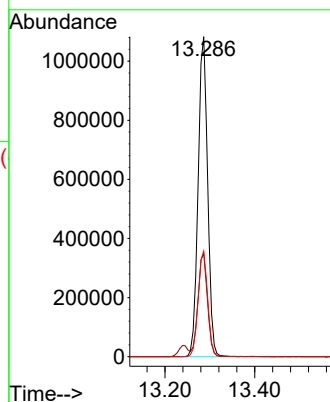
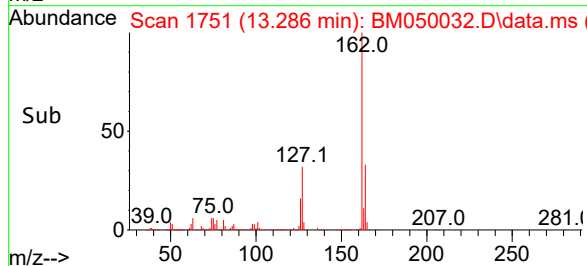
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:162 Resp: 1593769
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0

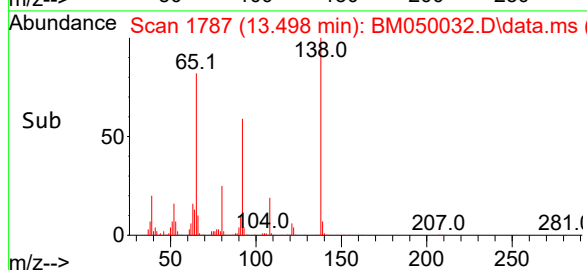
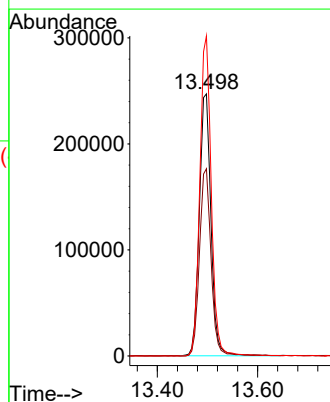
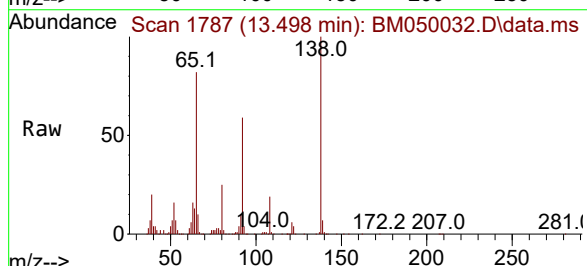
Manual Integrations
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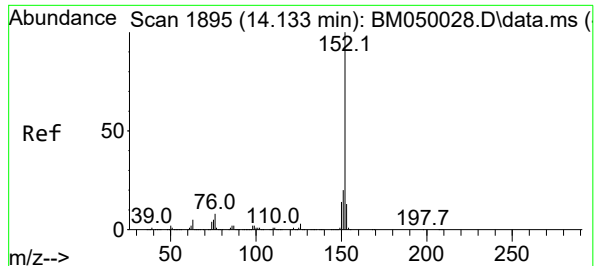
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

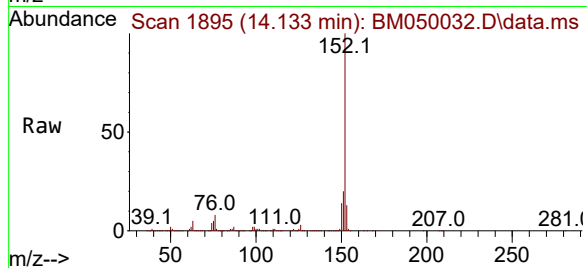
Tgt Ion: 65 Resp: 398645
Ion Ratio Lower Upper
65 100
92 71.5 57.1 85.7
138 122.1 97.0 145.4





#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

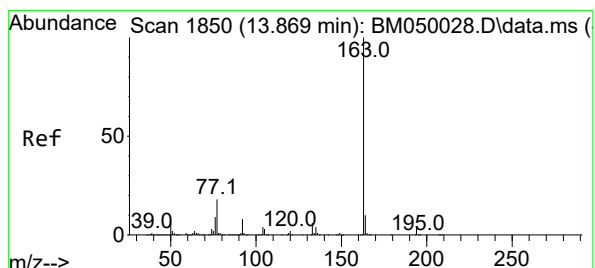
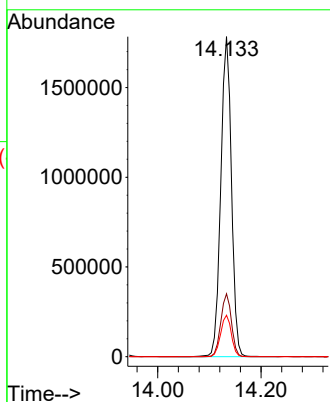
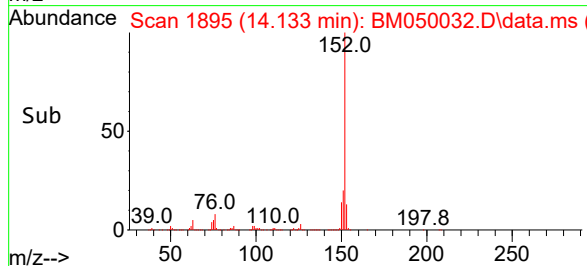
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:152 Resp: 254834
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8

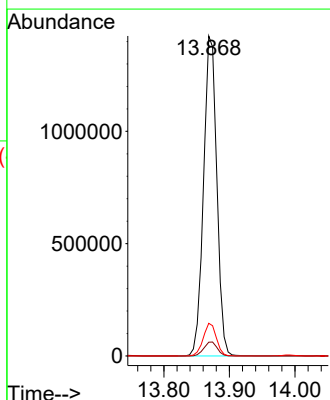
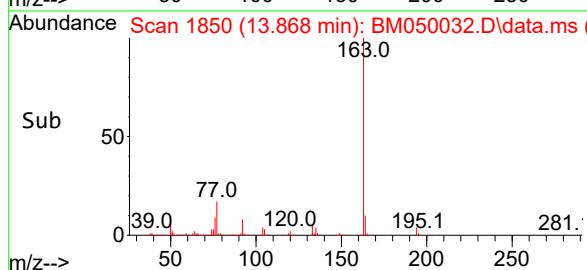
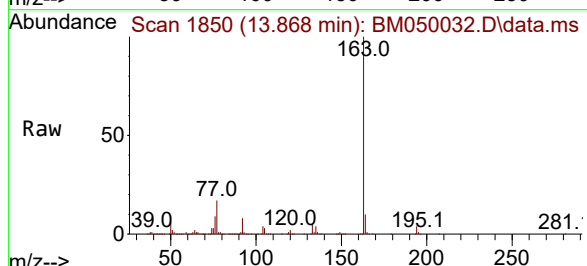
Manual Integrations
APPROVED

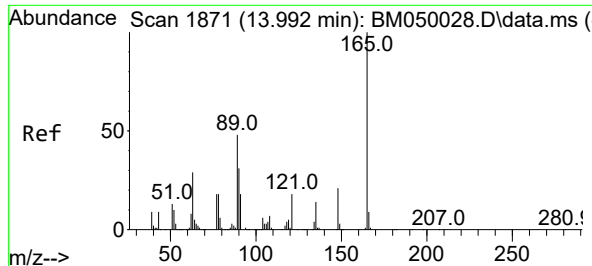
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

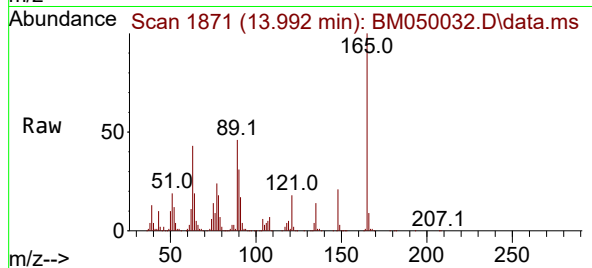
Tgt Ion:163 Resp: 2007342
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

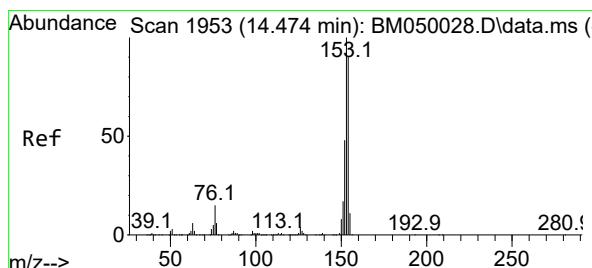
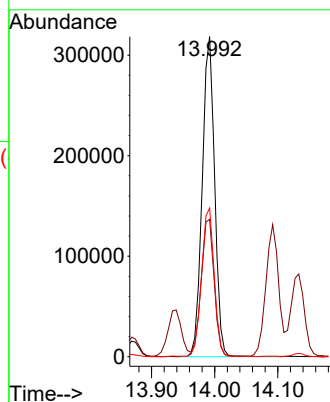
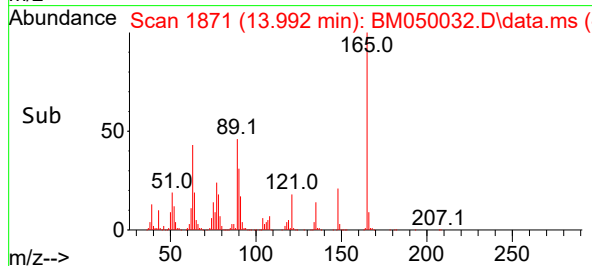
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:165 Resp: 435925
Ion Ratio Lower Upper
165 100
63 42.9 35.1 52.7
89 46.4 38.4 57.6

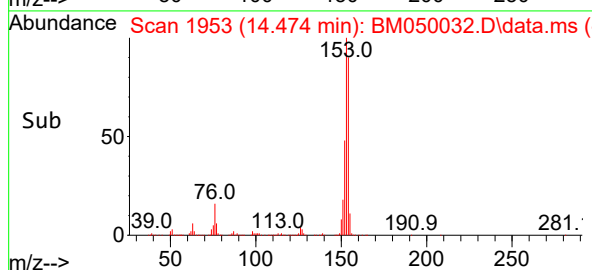
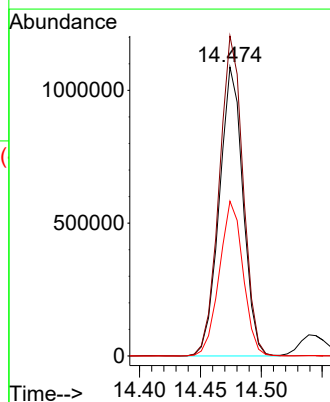
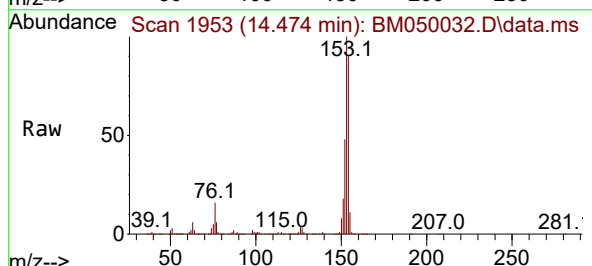
Manual Integrations
APPROVED

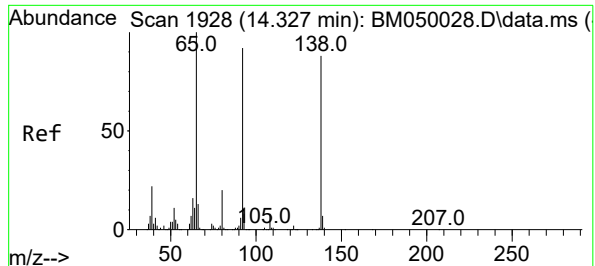
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

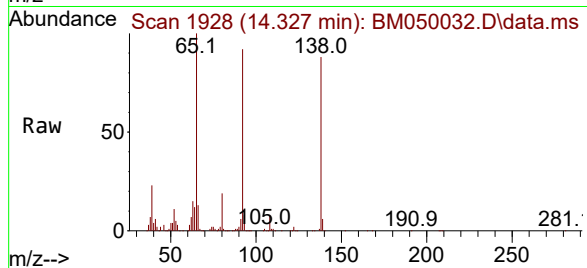
Tgt Ion:154 Resp: 1471672
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 53.5 43.0 64.6





#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

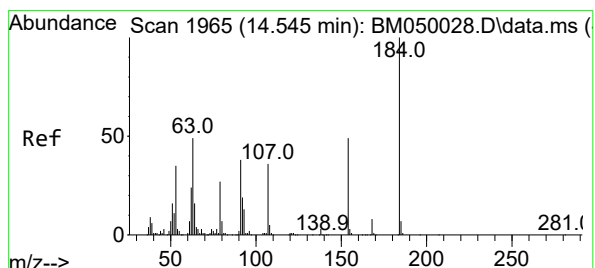
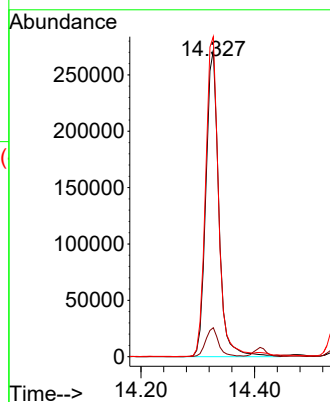
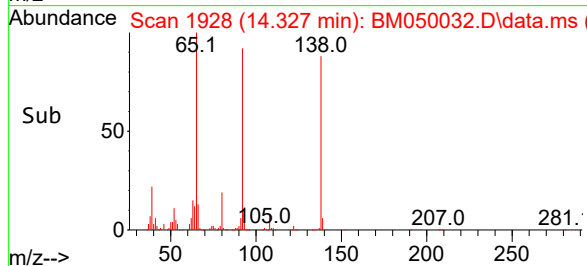
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



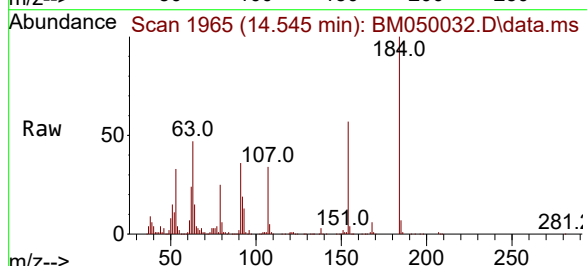
Tgt Ion:138 Resp: 427464
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 104.5 84.0 126.0

Manual Integrations
APPROVED

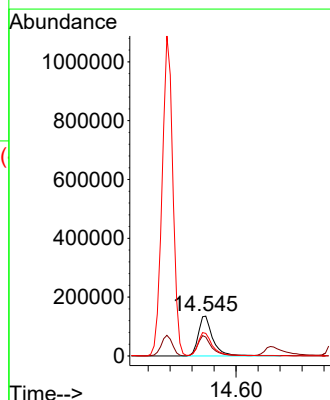
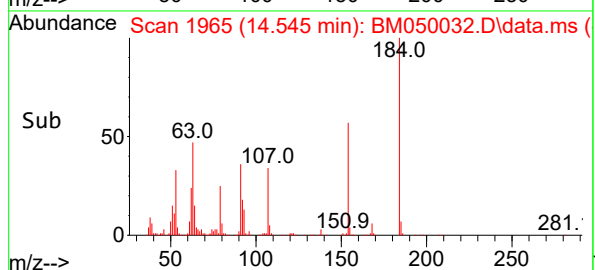
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

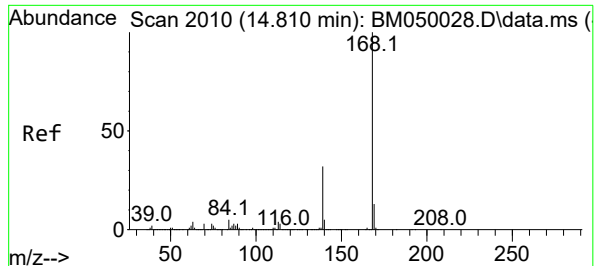


#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



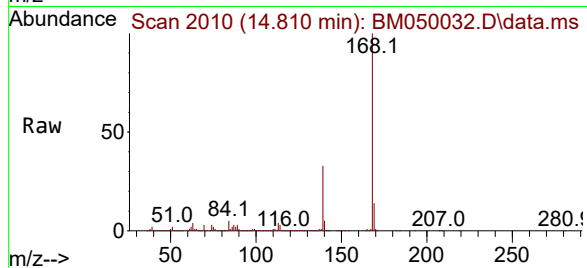
Tgt Ion:184 Resp: 249307
Ion Ratio Lower Upper
184 100
63 47.3 39.8 59.6
154 56.7 46.1 69.1





#55
Dibenzenofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

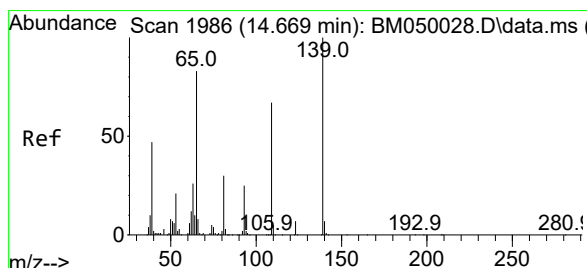
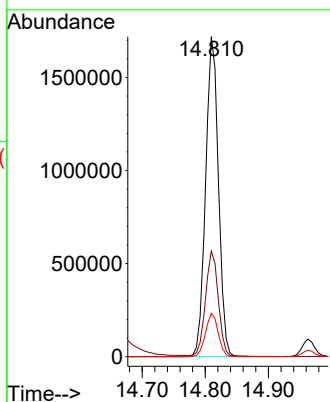
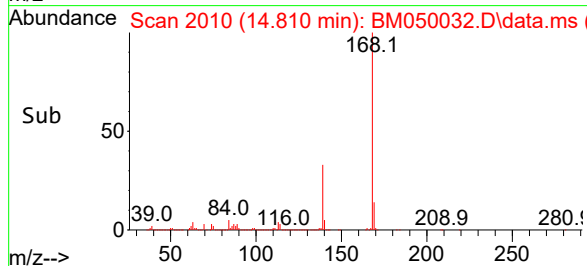
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



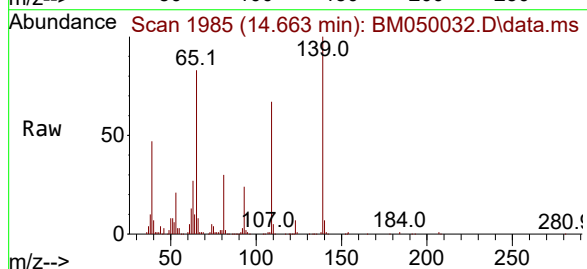
Tgt Ion:168 Resp: 2427830
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.5 10.8 16.2

Manual Integrations
APPROVED

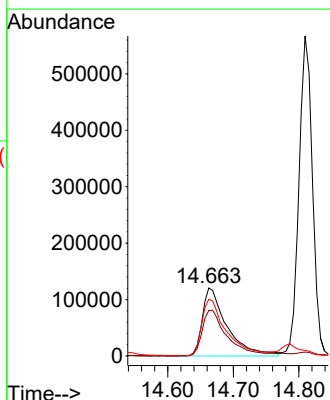
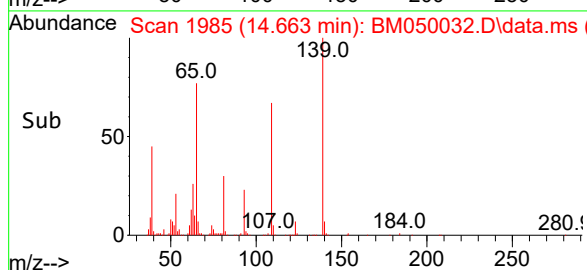
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

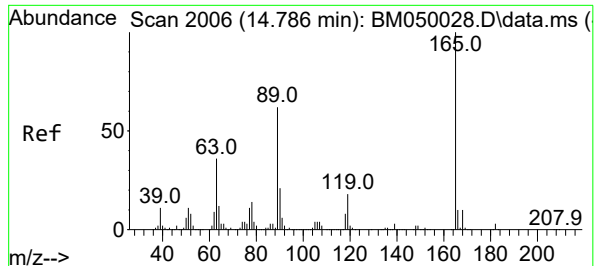


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



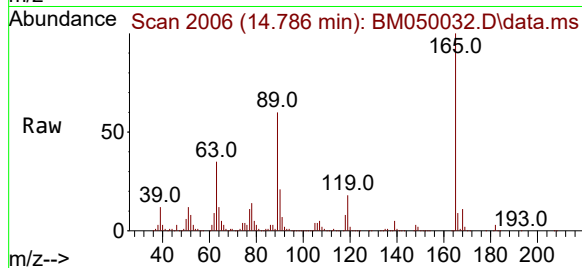
Tgt Ion:139 Resp: 313065
Ion Ratio Lower Upper
139 100
109 66.8 47.0 87.0
65 83.4 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

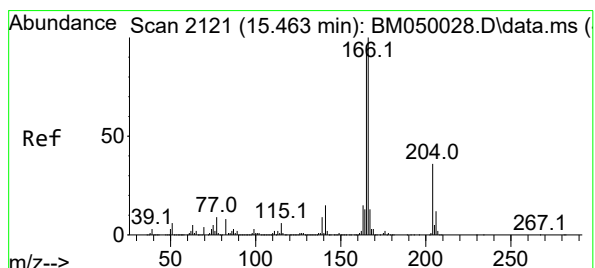
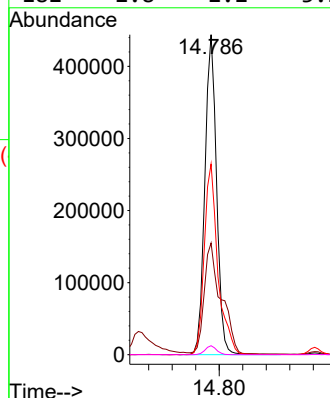
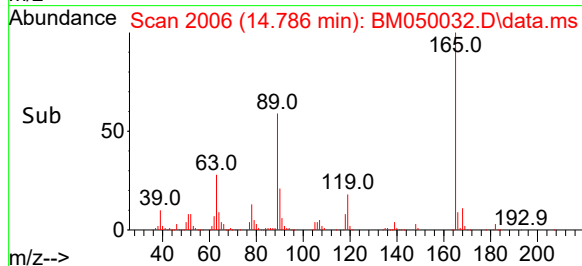
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:165 Resp: 61194
Ion Ratio Lower Upper
165 100
63 34.9 29.0 43.6
89 59.6 49.4 74.2
182 2.8 2.2 3.2

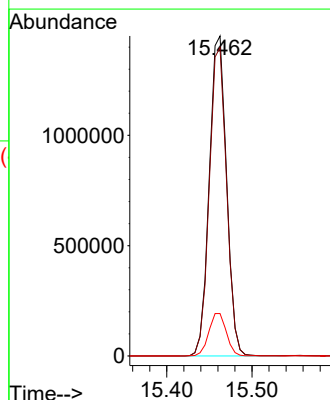
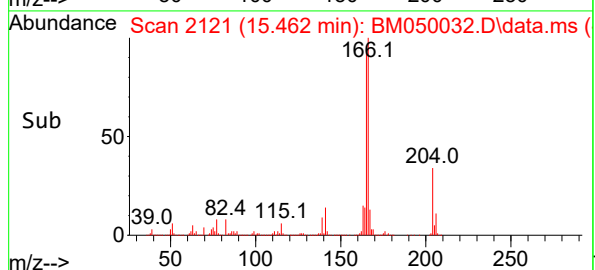
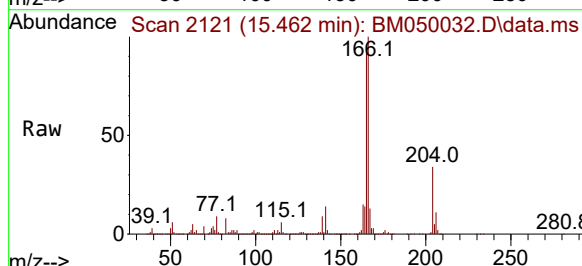
Manual Integrations
APPROVED

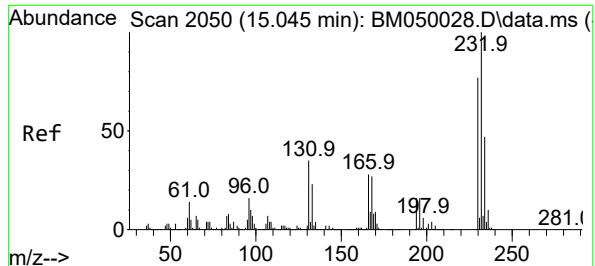
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

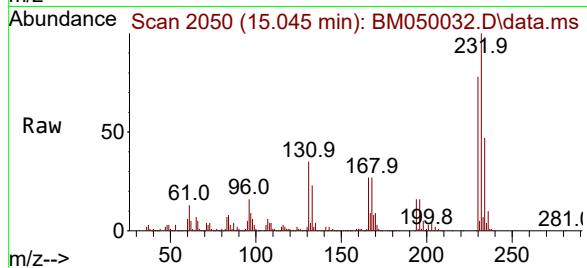
Tgt Ion:166 Resp: 2044284
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

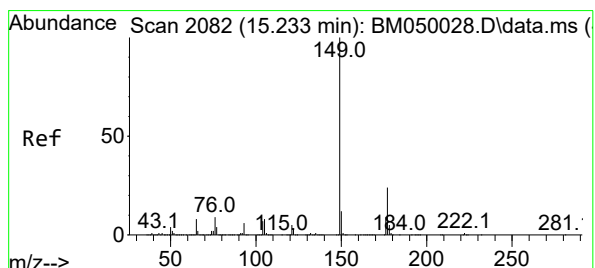
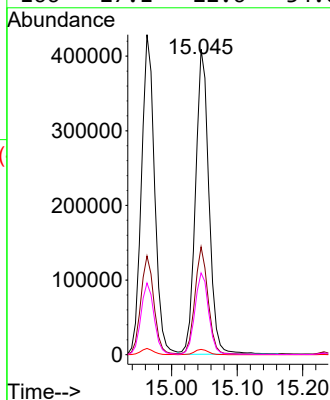
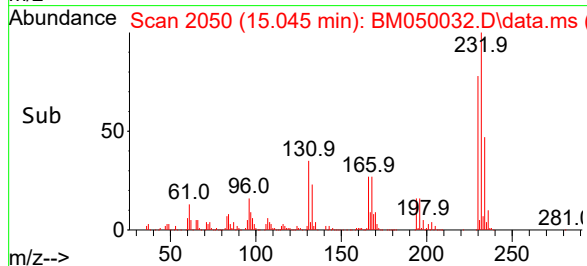
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



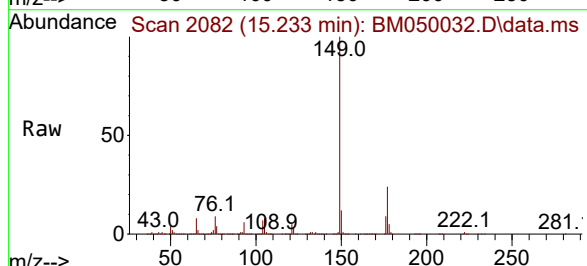
Tgt Ion:232 Resp: 583198
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.8 1.5 2.3
166 27.1 22.6 34.0

Manual Integrations
APPROVED

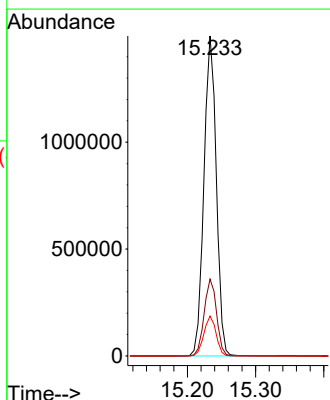
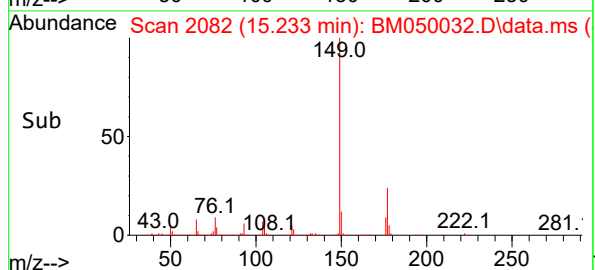
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

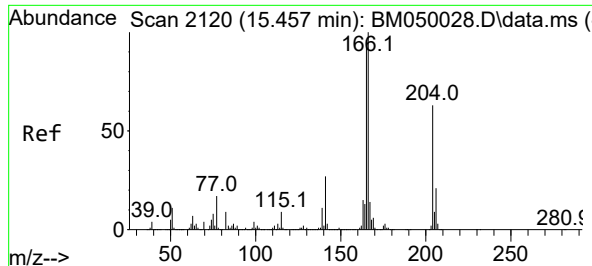


#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



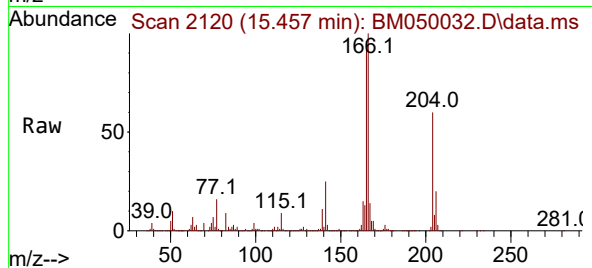
Tgt Ion:149 Resp: 1889827
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.4 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

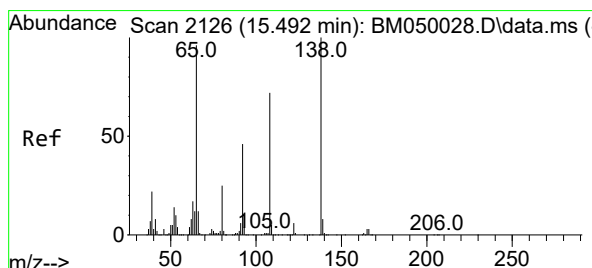
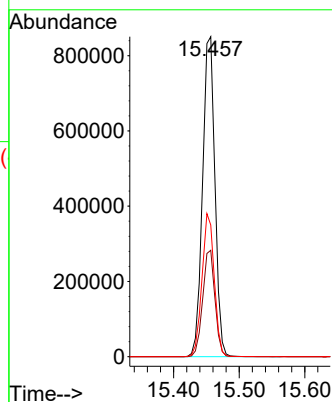
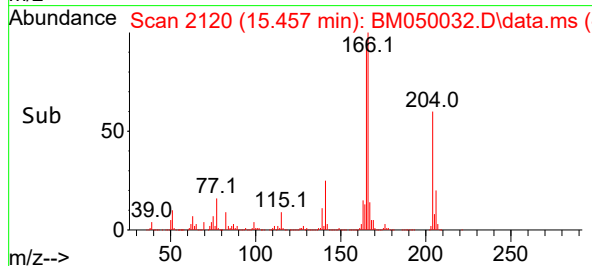
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:204 Resp: 111883
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 41.1 34.0 51.0

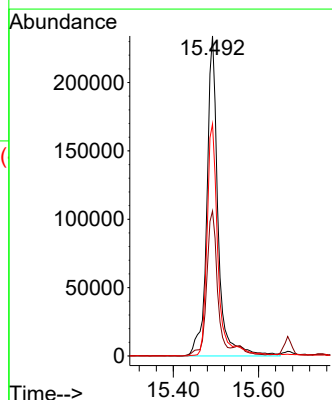
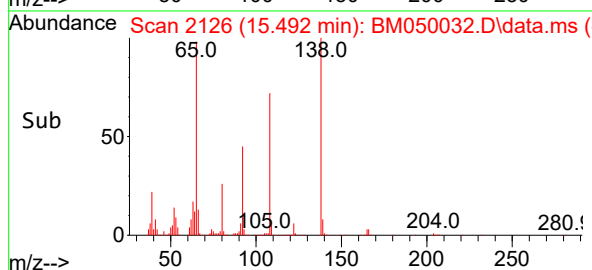
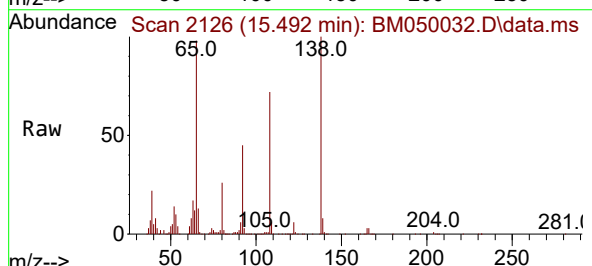
Manual Integrations
APPROVED

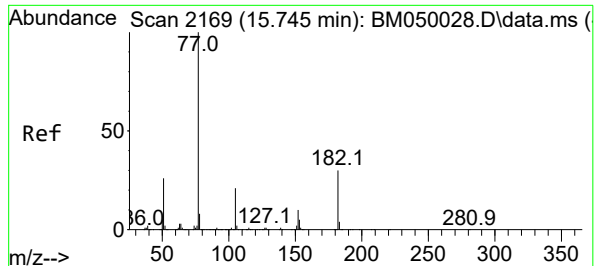
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

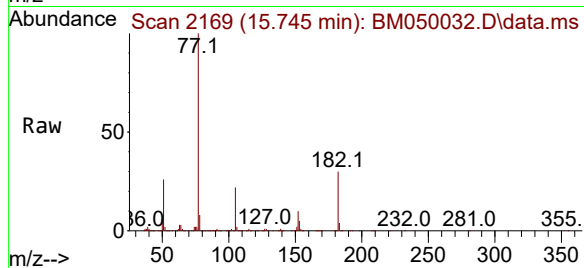
Tgt Ion:138 Resp: 427339
Ion Ratio Lower Upper
138 100
92 45.3 25.9 65.9
108 72.5 52.4 92.4





#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

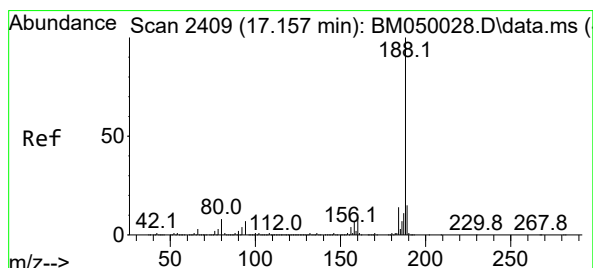
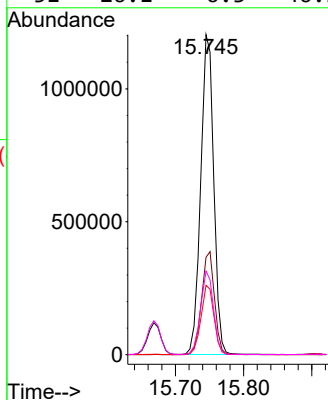
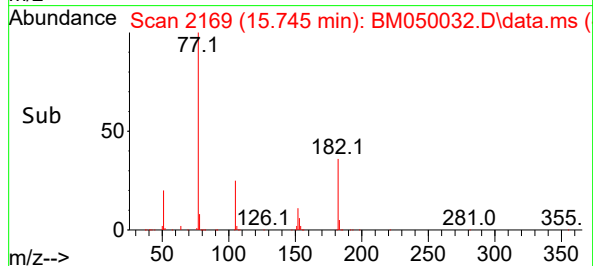
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 1599489
Ion Ratio Lower Upper
77 100
182 30.5 10.5 50.5
105 21.6 1.1 41.1
51 26.1 6.3 46.3

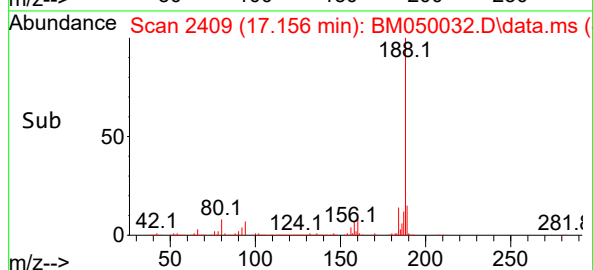
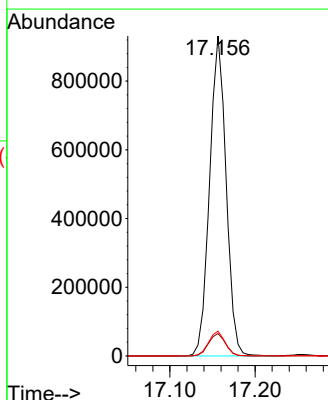
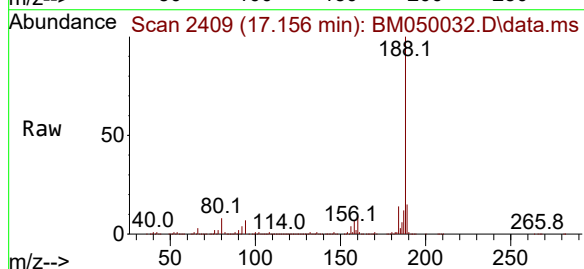
Manual Integrations
APPROVED

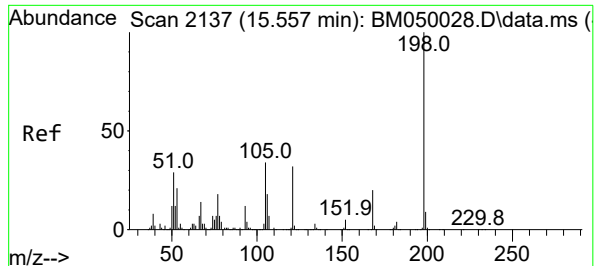
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:188 Resp: 1251563
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 6.2 9.4





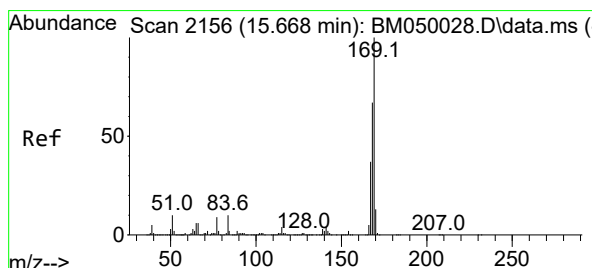
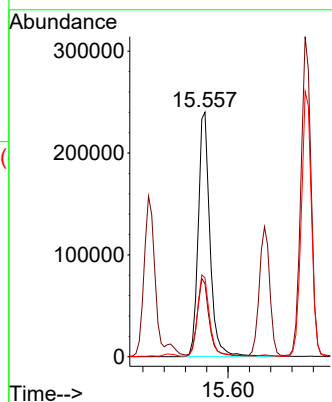
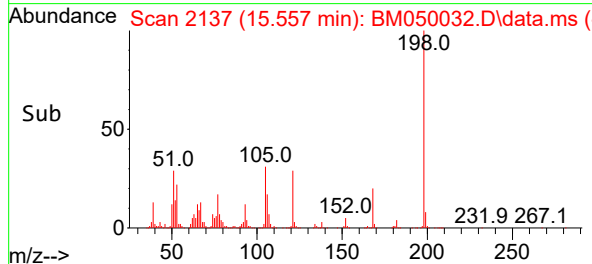
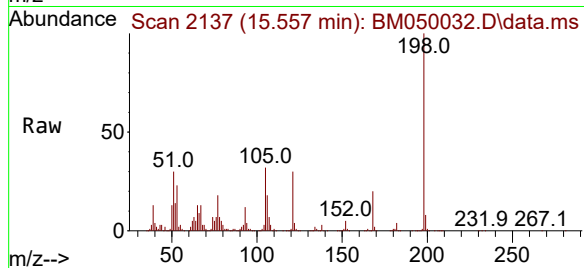
#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion:198 Resp: 367580
Ion Ratio Lower Upper
198 100
51 29.9 10.4 50.4
105 32.3 14.6 54.6

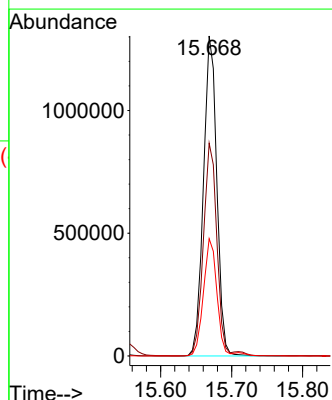
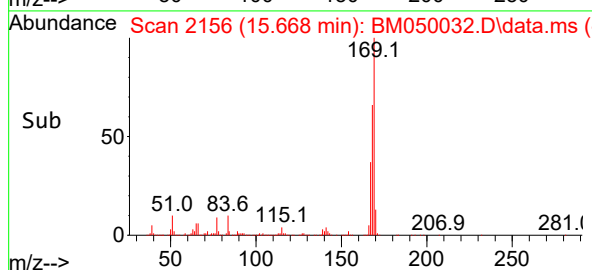
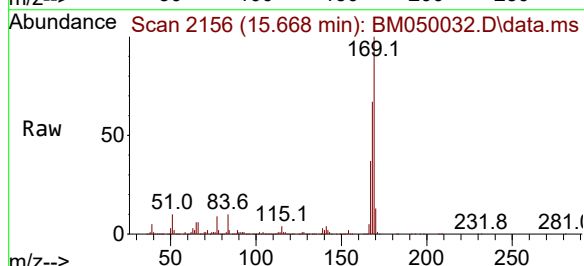
Manual Integrations
APPROVED

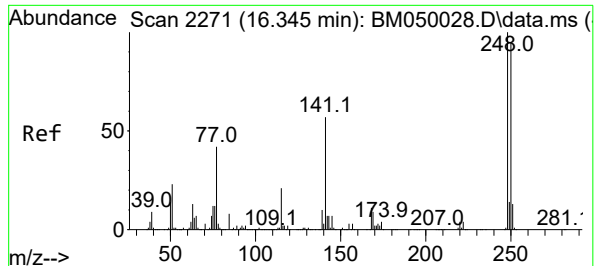
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

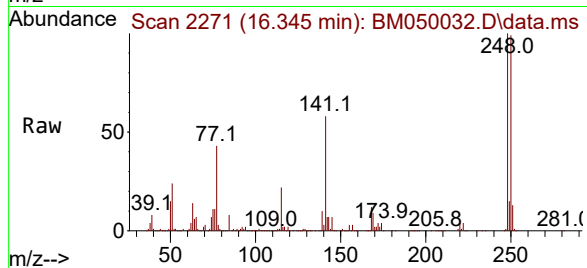
Tgt Ion:169 Resp: 1709666
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

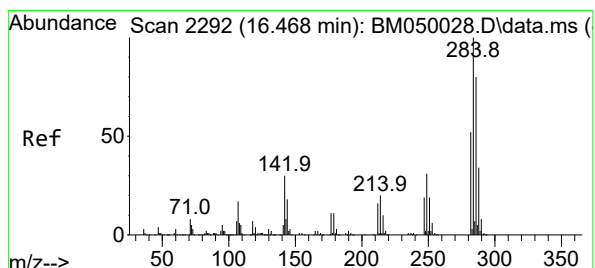
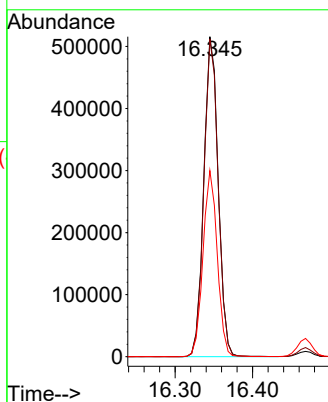
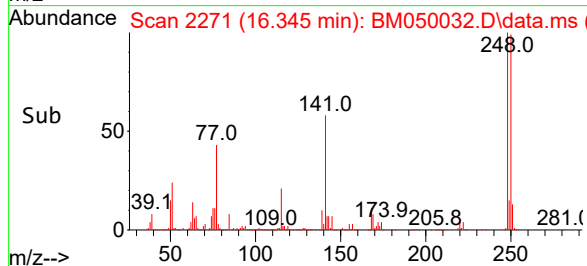
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:248 Resp: 665088
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 58.1 45.9 68.9

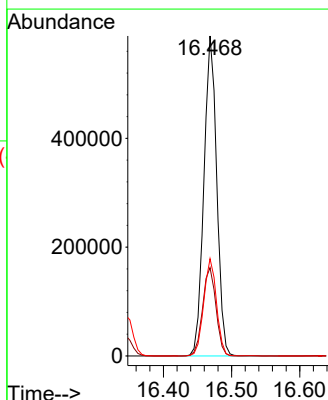
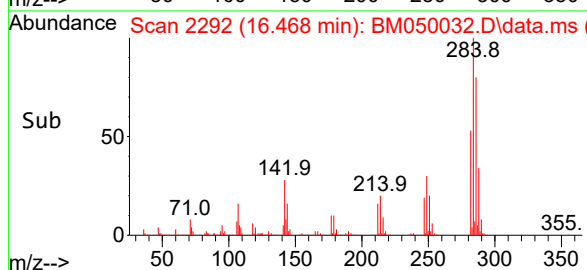
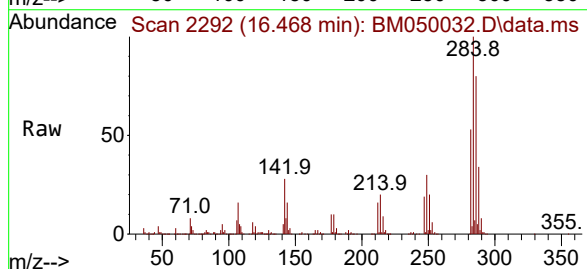
Manual Integrations
APPROVED

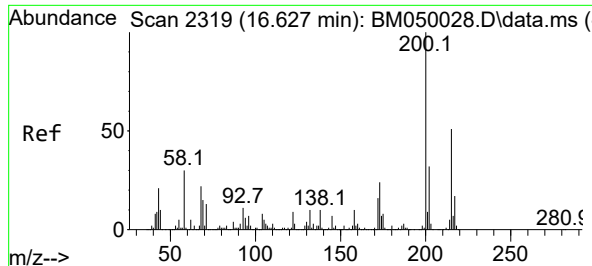
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

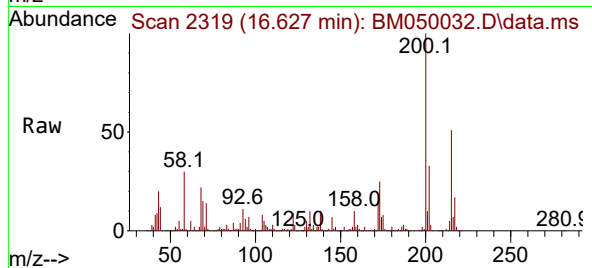
Tgt Ion:284 Resp: 770651
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 30.4 24.5 36.7





#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

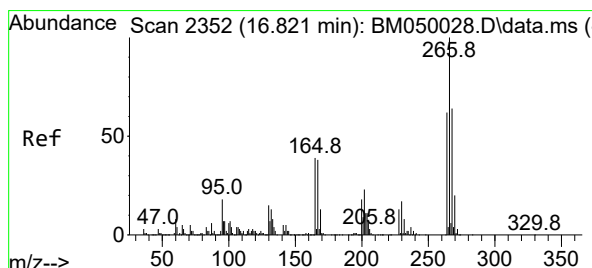
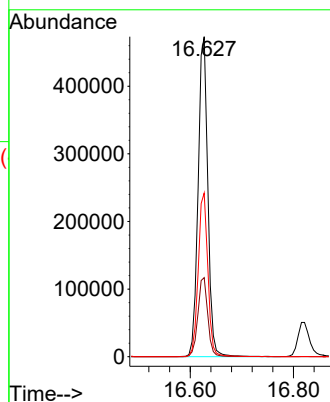
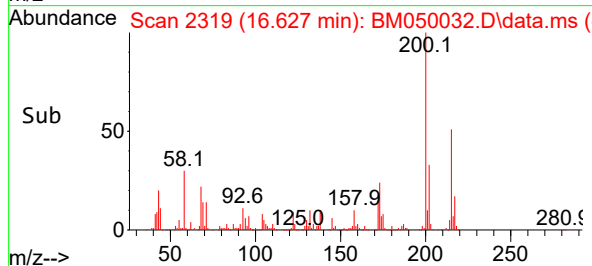
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:200 Resp: 616670
Ion Ratio Lower Upper
200 100
173 24.7 4.3 44.3
215 51.1 30.6 70.6

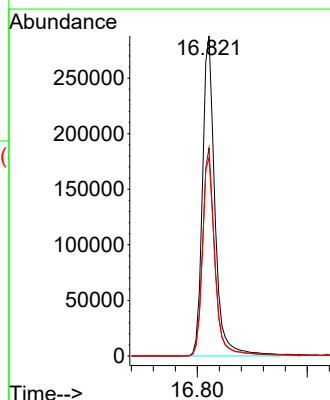
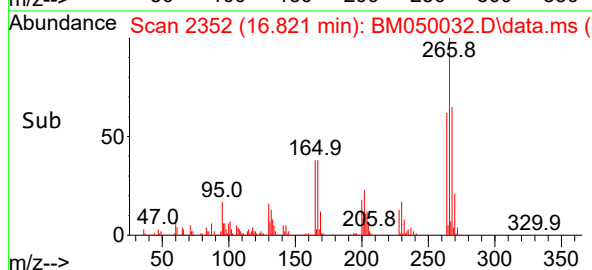
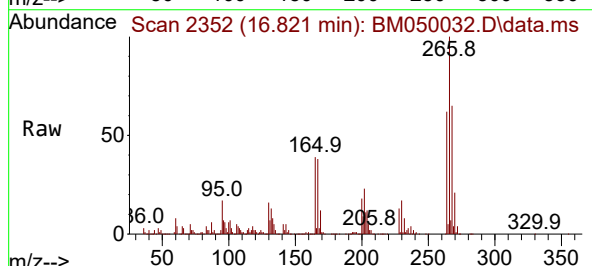
Manual Integrations
APPROVED

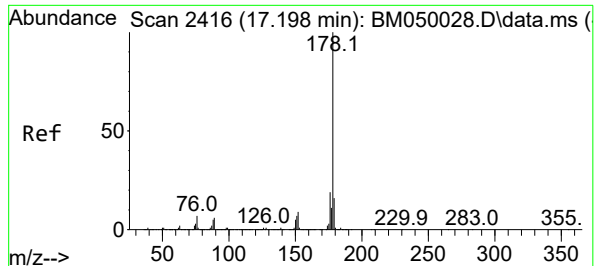
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

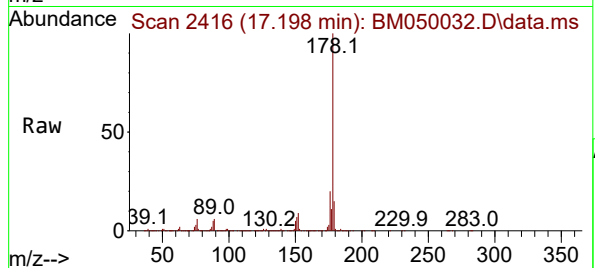
Tgt Ion:266 Resp: 452303
Ion Ratio Lower Upper
266 100
268 64.9 51.2 76.8
264 61.9 49.6 74.4





#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

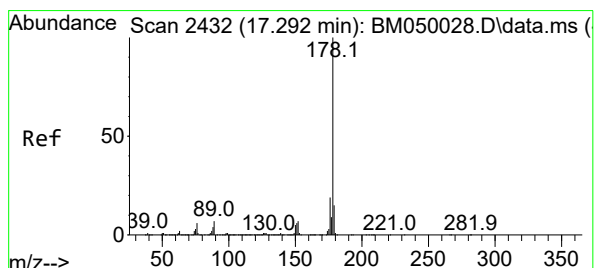
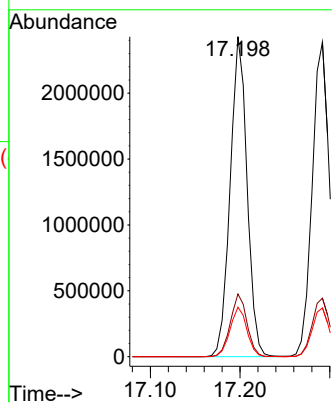
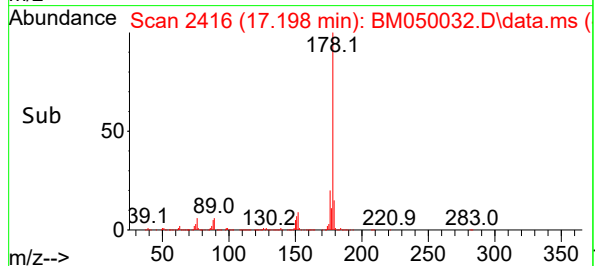
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:178 Resp: 316914
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.4 18.6

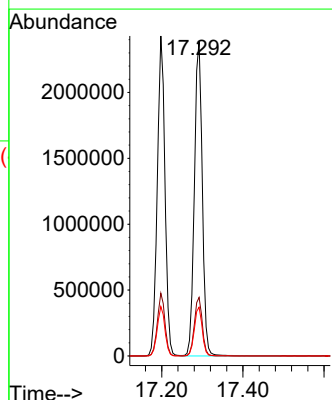
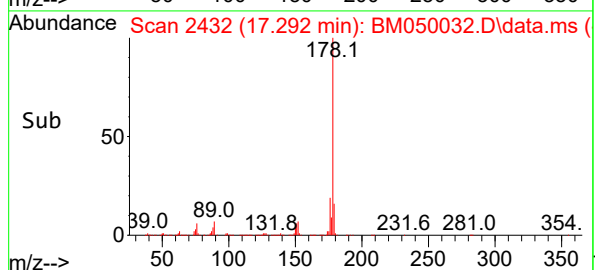
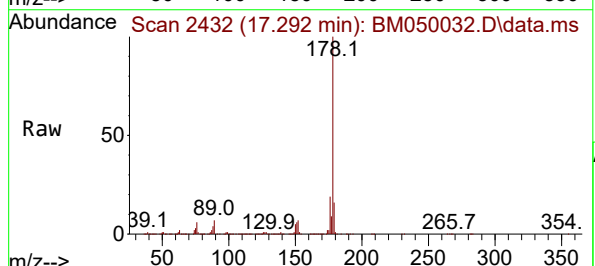
Manual Integrations
APPROVED

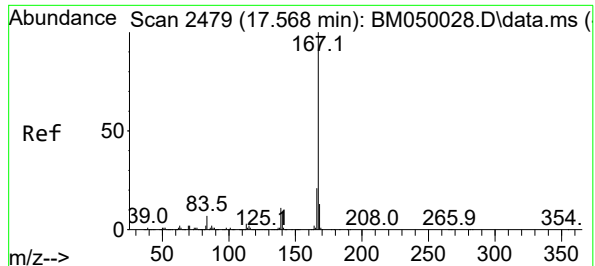
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

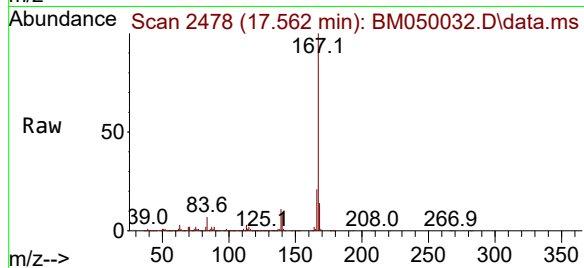
Tgt Ion:178 Resp: 3241829
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

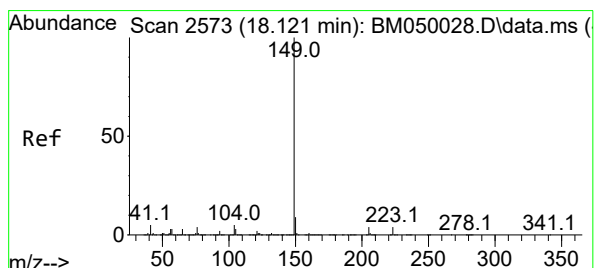
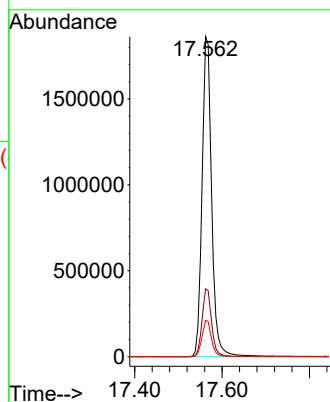
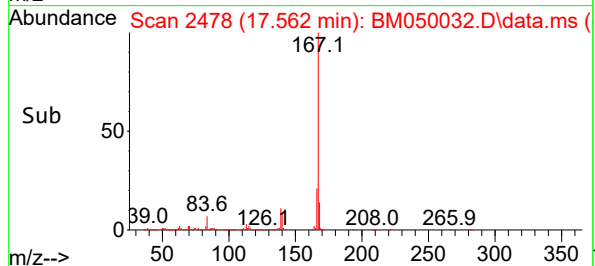
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:167 Resp: 2851510
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.3 9.0 13.6

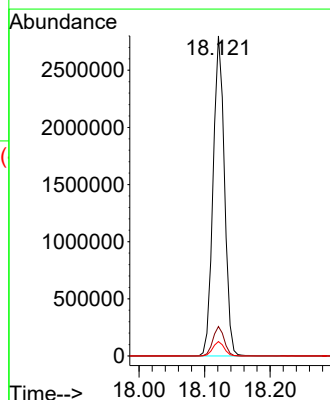
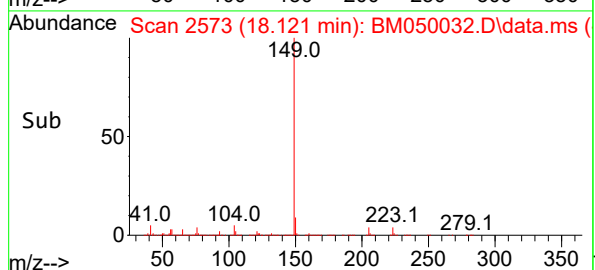
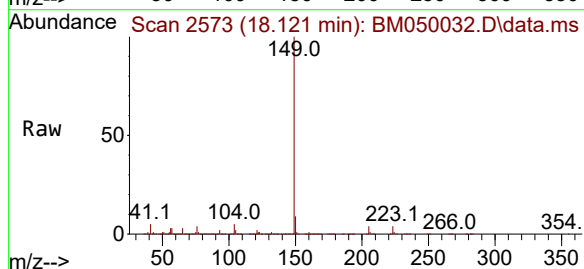
Manual Integrations
APPROVED

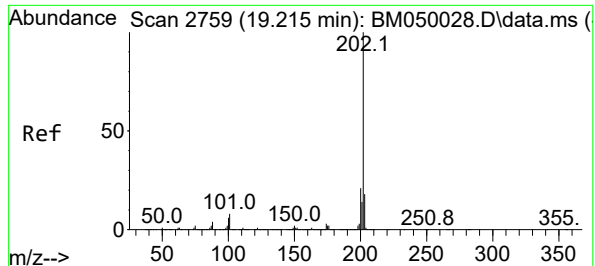
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

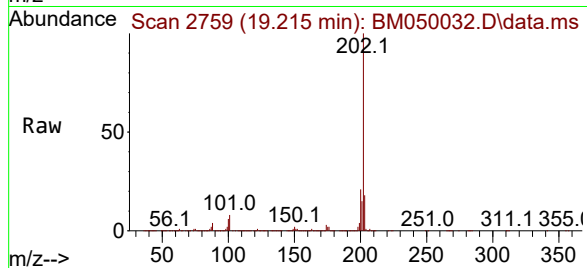
Tgt Ion:149 Resp: 3370238
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

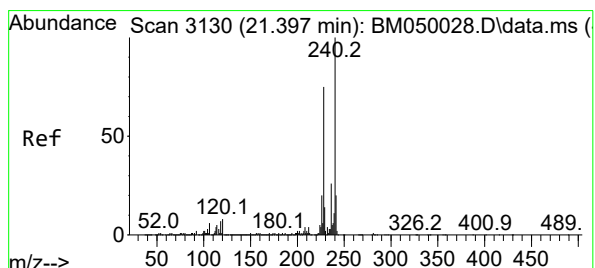
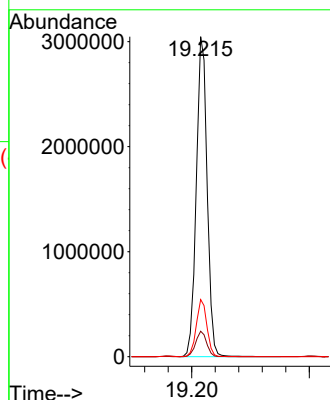
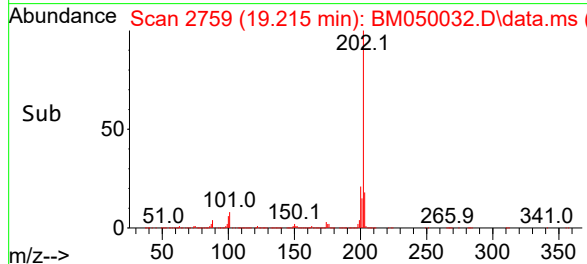
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:202 Resp: 3895040
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.9 0.0 37.7

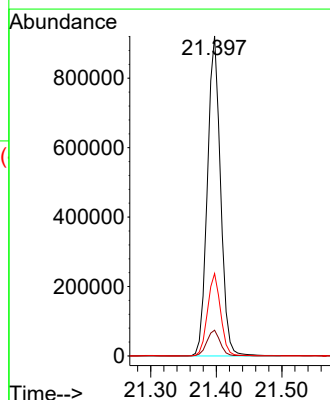
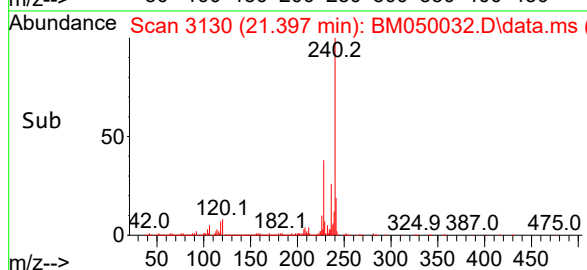
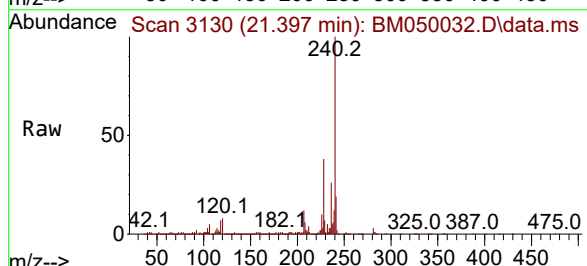
Manual Integrations
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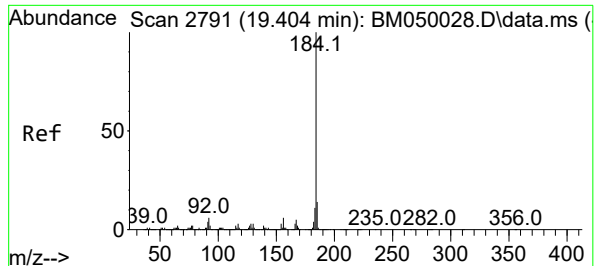
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

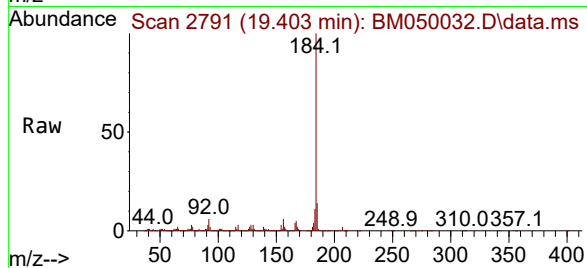
Tgt Ion:240 Resp: 1285998
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.8 20.9 31.3





#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2791
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

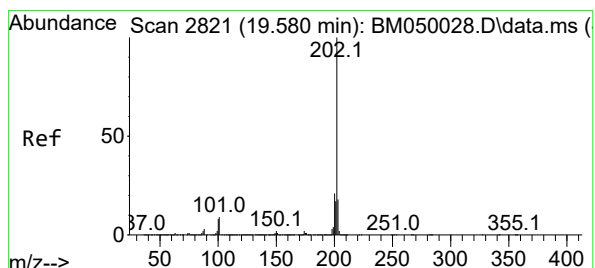
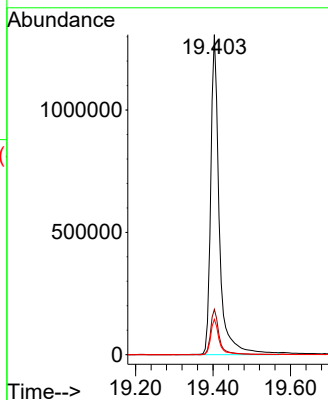
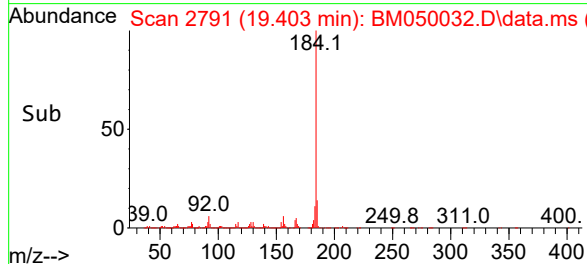
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:184 Resp: 201920
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.0 8.9 13.3

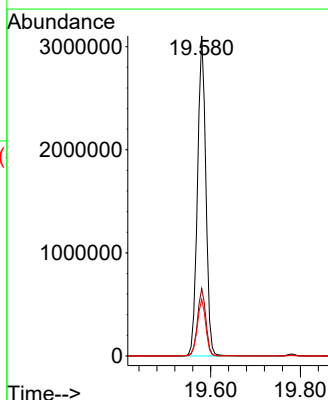
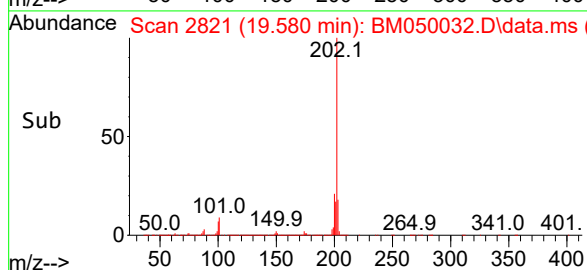
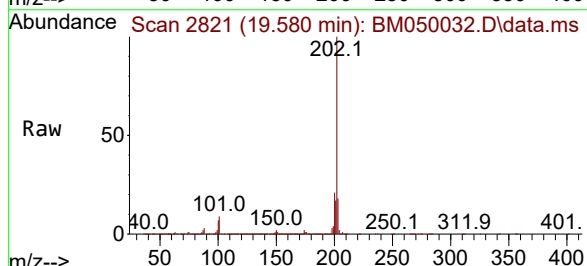
Manual Integrations
APPROVED

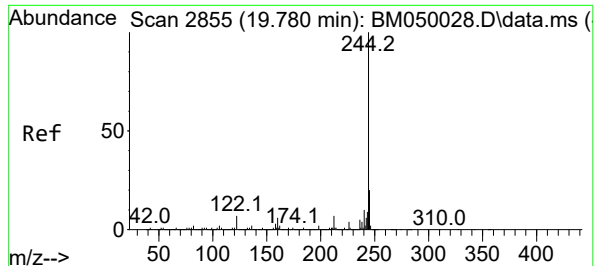
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

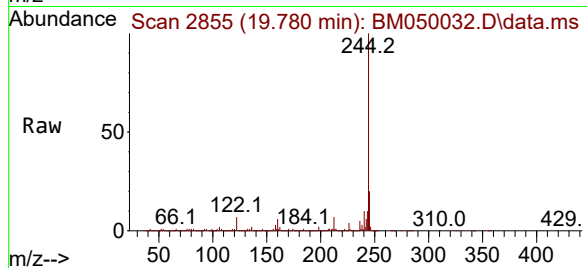
Tgt Ion:202 Resp: 3992384
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

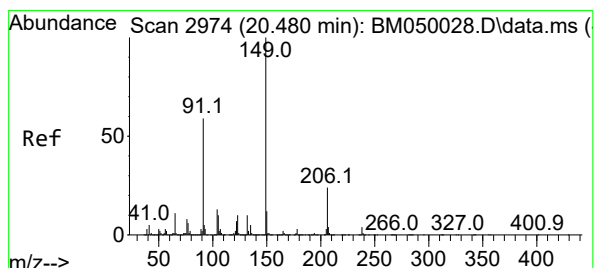
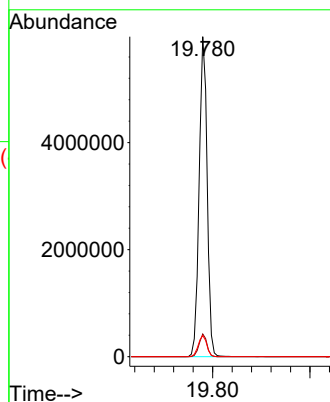
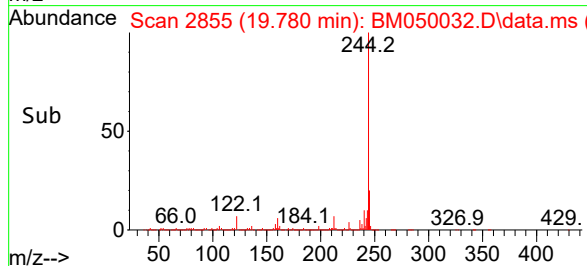
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



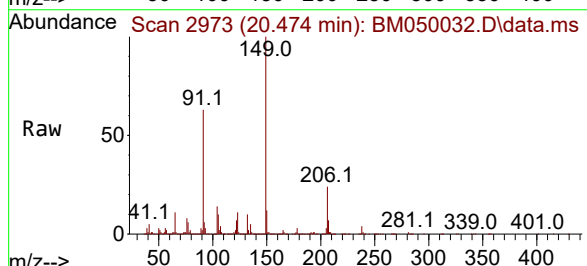
Tgt Ion:244 Resp: 686305
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.6 5.6 8.4

Manual Integrations
APPROVED

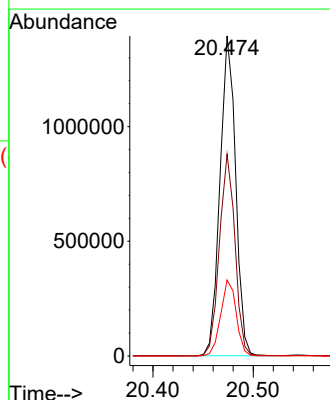
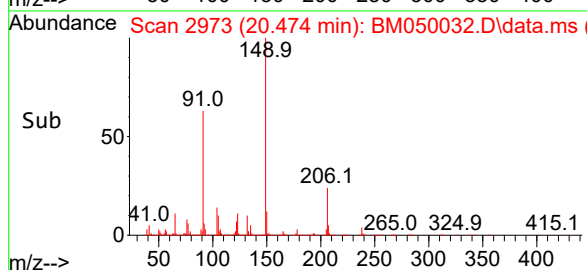
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

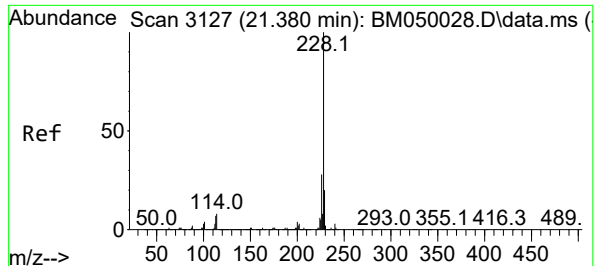


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



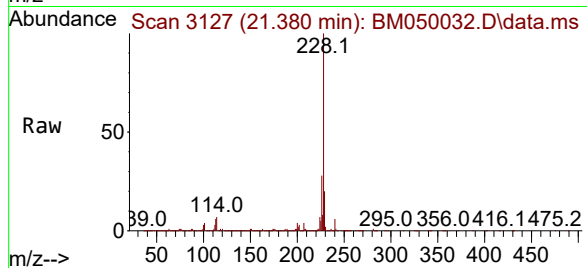
Tgt Ion:149 Resp: 1512498
Ion Ratio Lower Upper
149 100
91 63.0 47.4 71.2
206 23.7 19.4 29.0





#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

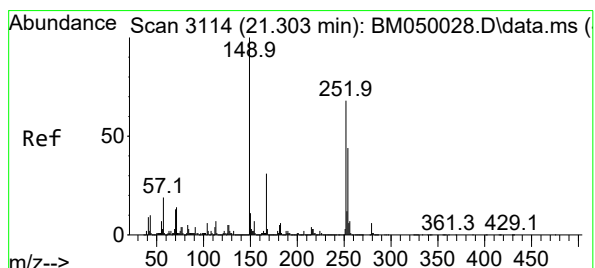
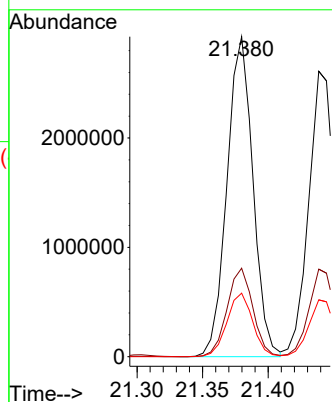
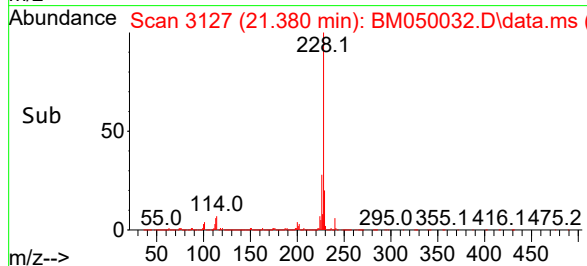
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:228 Resp: 4029064
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.7 23.5

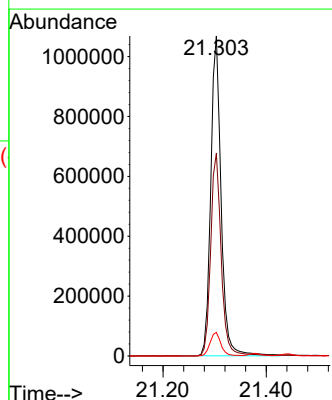
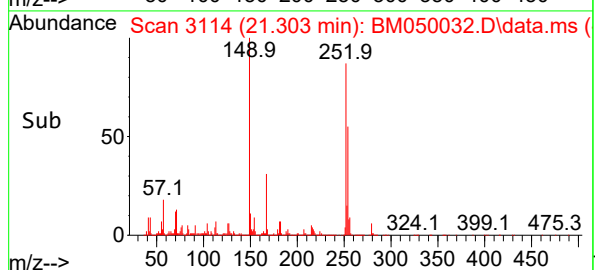
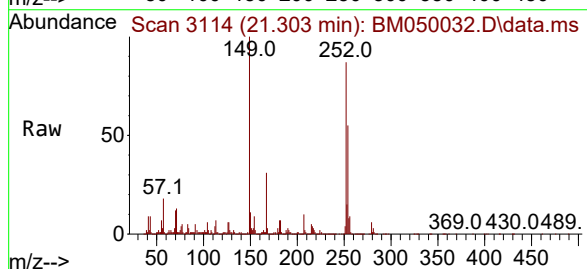
Manual Integrations
APPROVED

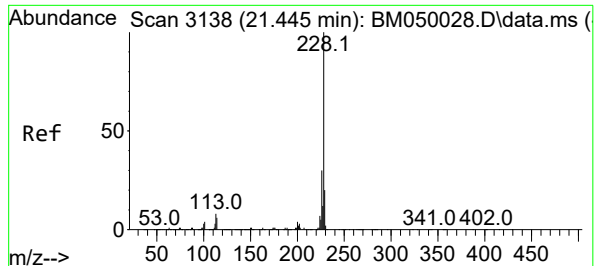
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

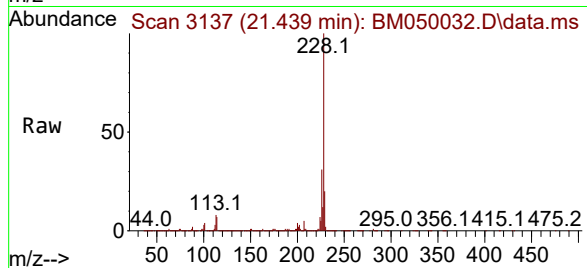
Tgt Ion:252 Resp: 1487254
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 7.4 6.0 9.0





#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

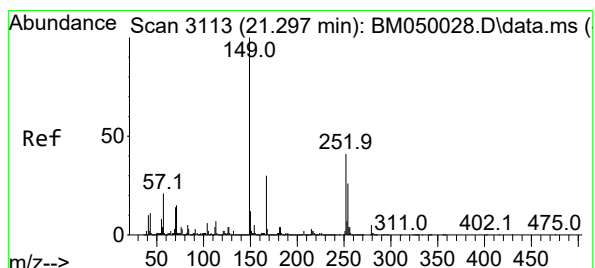
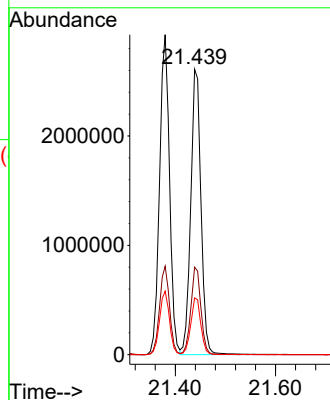
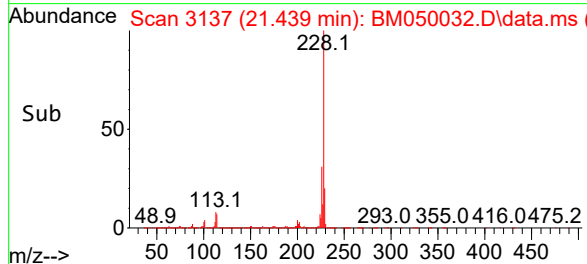
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



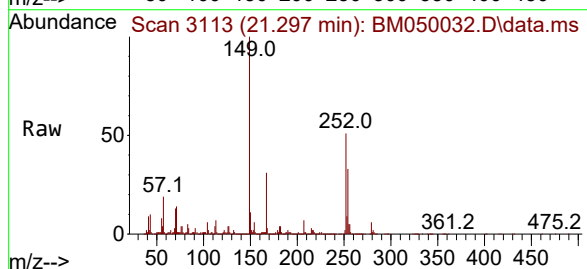
Tgt Ion:228 Resp: 368560
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.9 15.7 23.5

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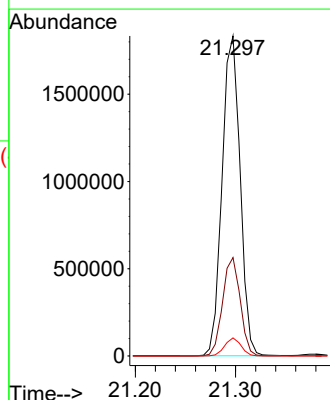
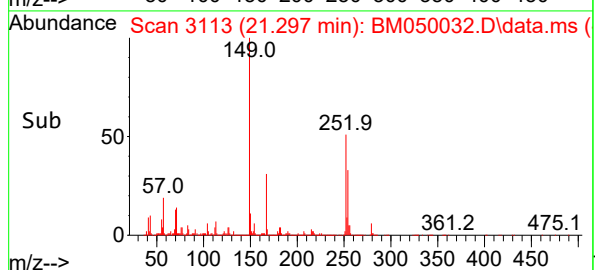
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

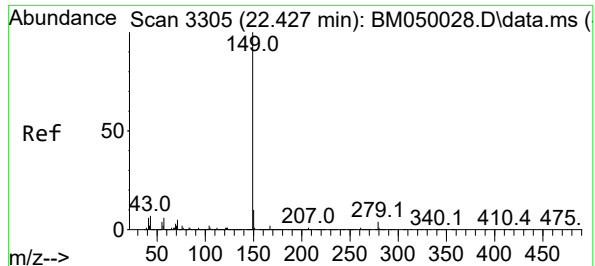


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



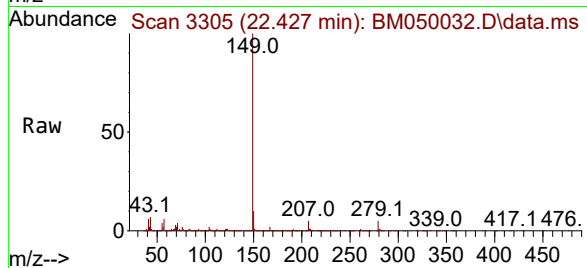
Tgt Ion:149 Resp: 2284769
Ion Ratio Lower Upper
149 100
167 30.7 24.1 36.1
279 5.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

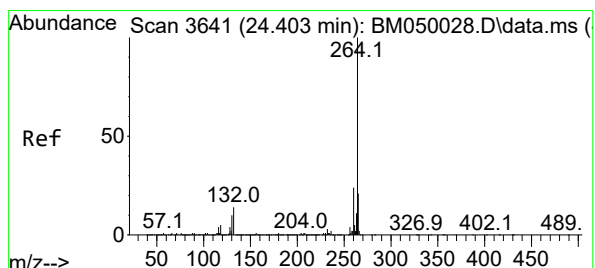
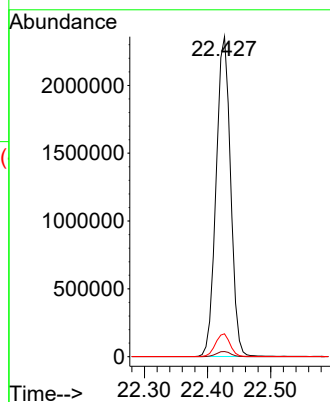
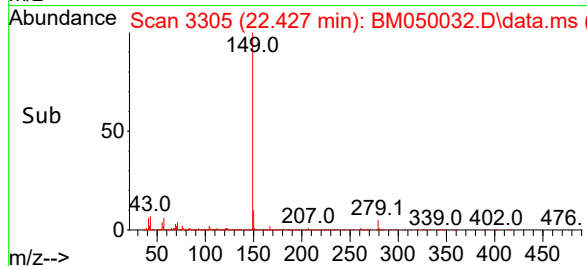
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



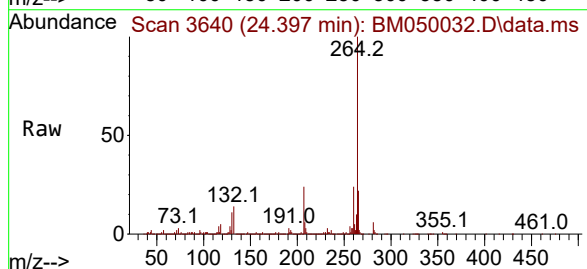
Tgt Ion:149 Resp: 374709
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8

Manual Integrations
APPROVED

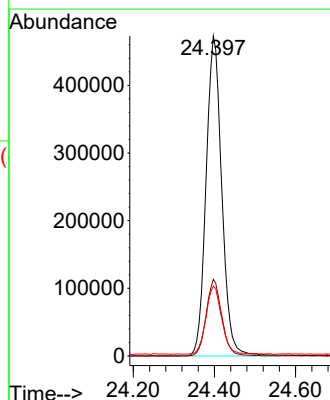
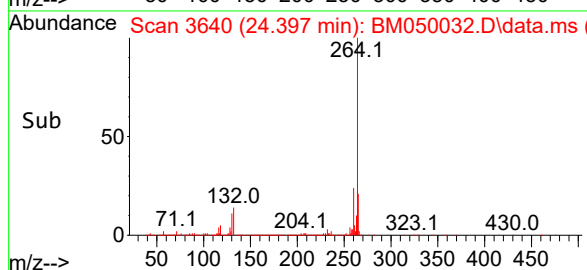
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

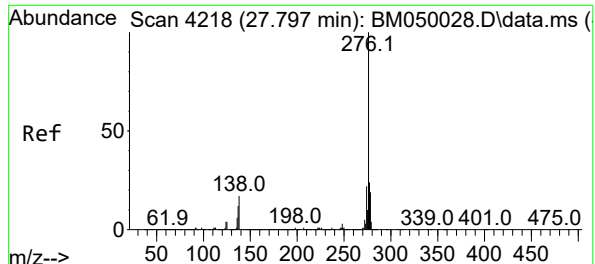


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



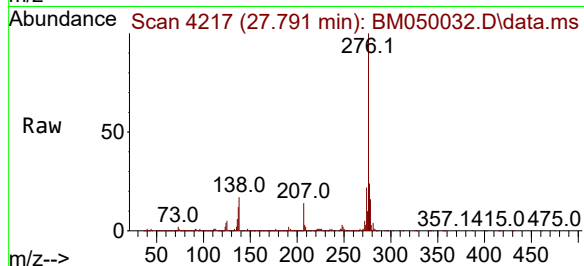
Tgt Ion:264 Resp: 1266367
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4218
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

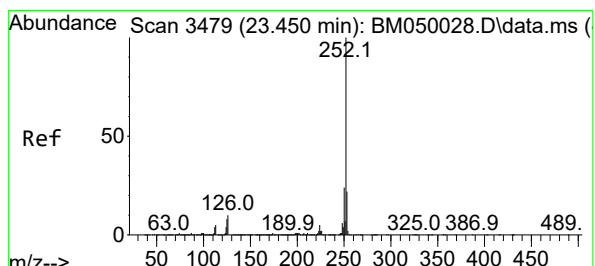
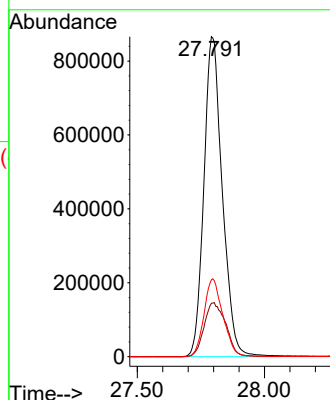
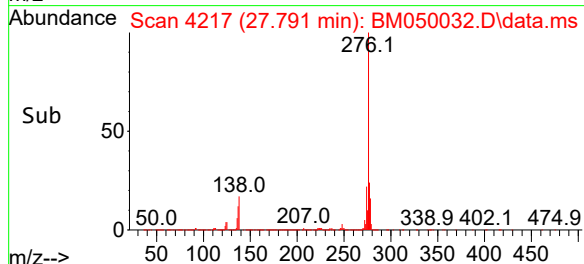
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



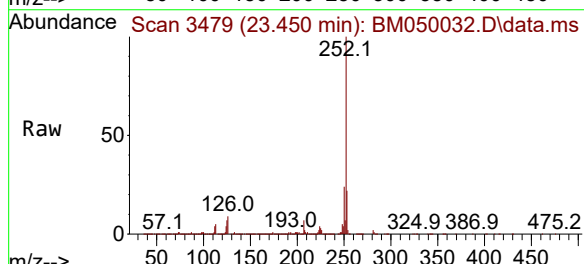
Tgt Ion:276 Resp: 436403
Ion Ratio Lower Upper
276 100
138 19.8 16.4 24.6
277 25.0 19.8 29.8

Manual Integrations
APPROVED

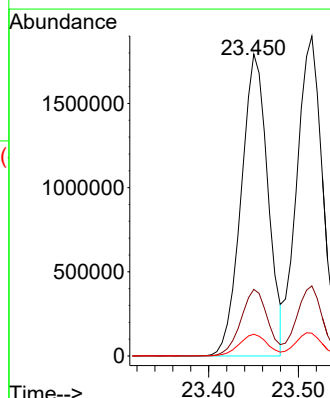
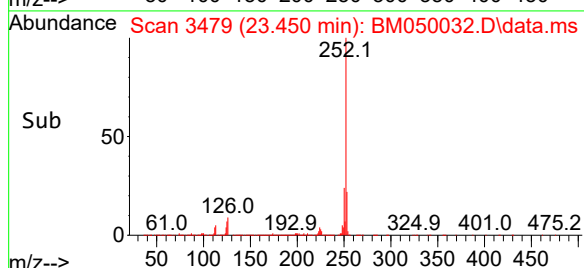
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

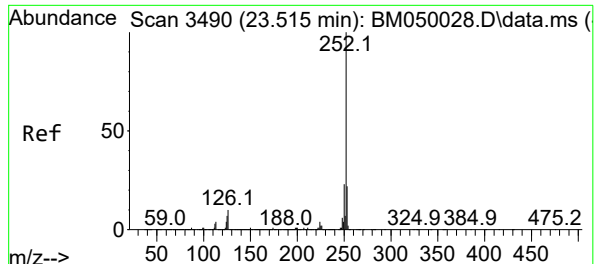


#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



Tgt Ion:252 Resp: 3711451
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 45.780 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:252 Resp: 3813739

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

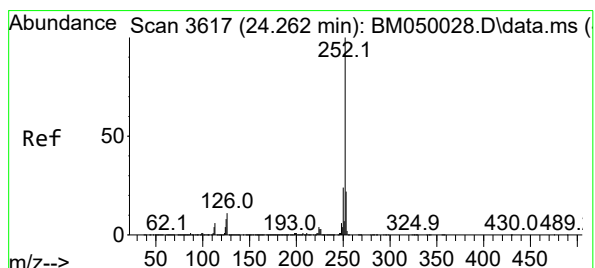
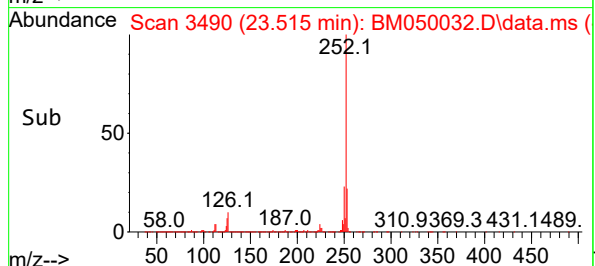
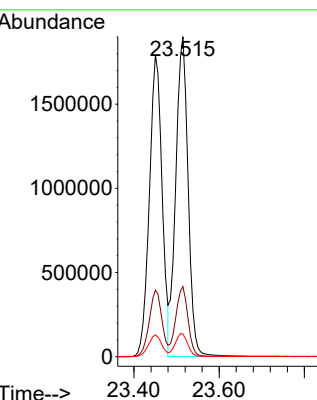
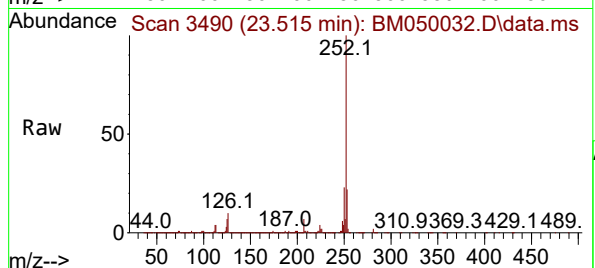
125 7.1 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 45.577 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

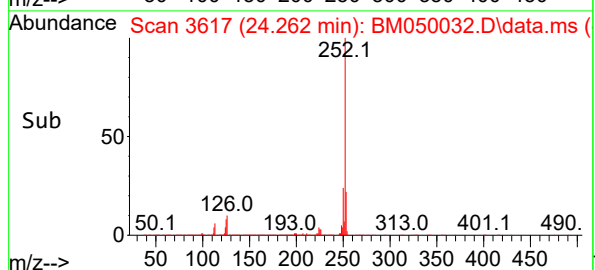
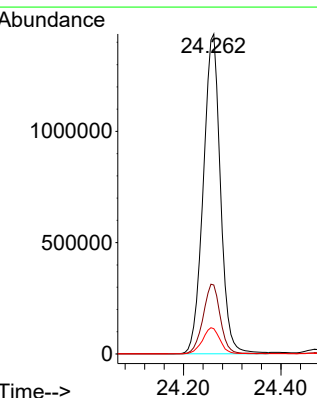
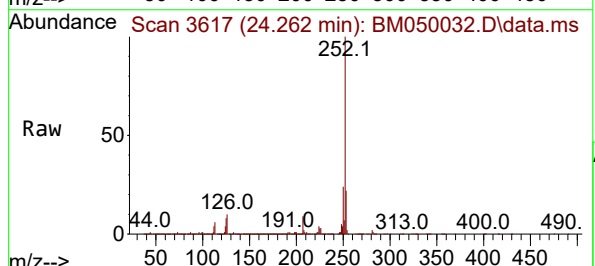
Tgt Ion:252 Resp: 3515582

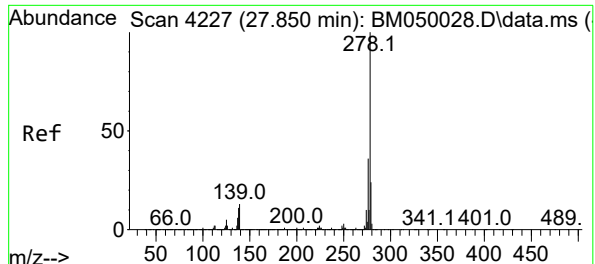
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 7.9 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 46.091 ng

RT: 27.838 min Scan# 4225

Delta R.T. -0.012 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:278 Resp: 354529

Ion Ratio Lower Upper

278 100

139 12.7 10.5 15.7

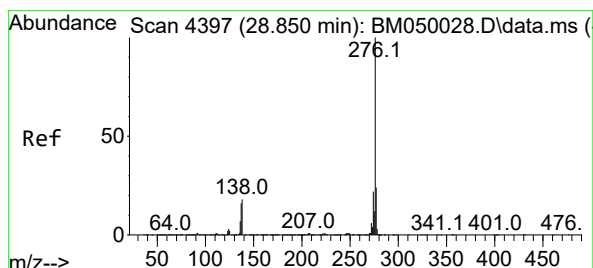
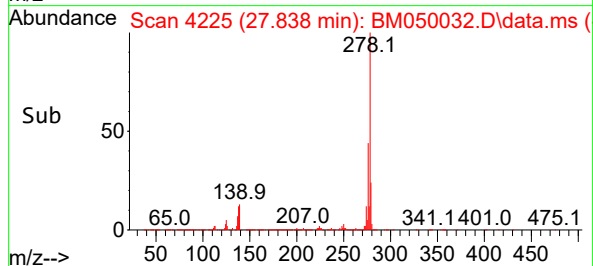
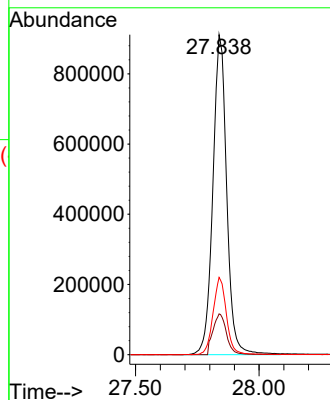
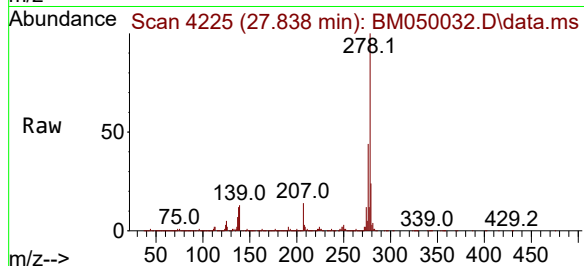
279 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#92

Benzo(g,h,i)perylene

Concen: 45.437 ng

RT: 28.850 min Scan# 4397

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

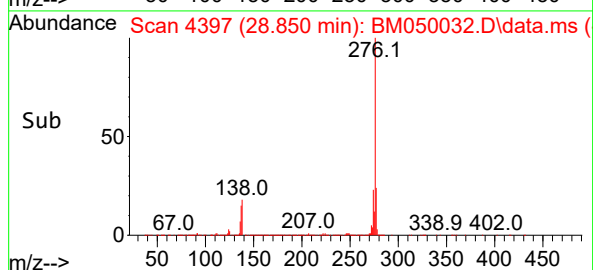
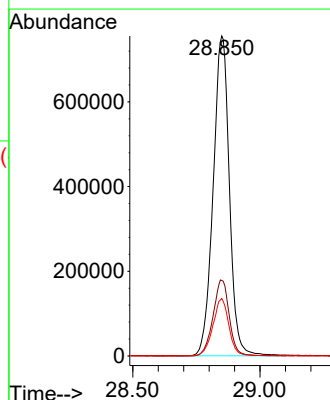
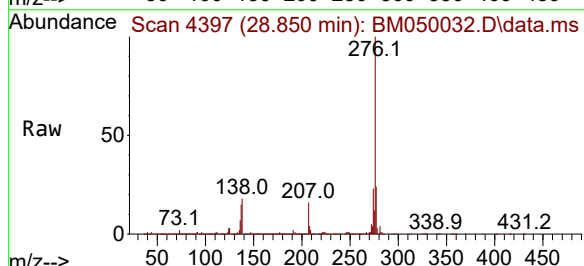
Tgt Ion:276 Resp: 3345997

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2	1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3	Pyridine	1.258	1.464	-16.4	105	0.00
4	n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5 S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6	Aniline	1.813	2.118	-16.8	104	0.00
7 S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8	2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9	Benzaldehyde	0.961	1.055	-9.8	98	0.00
10 C	Phenol	1.453	1.704	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12	1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14	1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15	Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17	2-Methylphenol	0.957	1.129	-18.0	104	0.00
18	Hexachloroethane	0.533	0.596	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20	3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22	Acetophenone	0.497	0.561	-12.9	104	0.00
23 S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24	Nitrobenzene	0.351	0.396	-12.8	104	0.00
25	Isophorone	0.692	0.789	-14.0	107	0.00
26 C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27	2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28	bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29 C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31	Naphthalene	1.013	1.131	-11.6	105	0.00
32	Benzoic acid	0.190	0.219	-15.3	109	0.00
33	4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34 C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35	Caprolactam	0.097	0.113	-16.5	107	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37	2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38	1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43 C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44	2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45 S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46	1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47	2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.329	-19.2	112	0.00
49	Acenaphthylene	1.857	2.103	-13.2	109	0.00
50	Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51	2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52 C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53	3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54 P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55	Dibenzofuran	1.788	2.004	-12.1	109	0.00
56 P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57	2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58	Fluorene	1.463	1.687	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60	Diethylphthalate	1.377	1.560	-13.3	111	0.00
61	4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62	4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63	Azobenzene	1.154	1.320	-14.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67	4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68	Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69	Atrazine	0.222	0.246	-10.8	112	0.00
70 C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71	Phenanthrene	1.128	1.266	-12.2	115	0.00
72	Anthracene	1.142	1.295	-13.4	115	0.00
73	Carbazole	0.991	1.139	-14.9	116	0.00
74	Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75 C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzidine	0.710	0.785	-10.6	117	0.00
78	Pyrene	1.404	1.552	-10.5	118	0.00
79 S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80	Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81	Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82	3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83	Chrysene	1.275	1.433	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85 c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86 I	Perylene-d12	1.000	1.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88	Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89	Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90 C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91	Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2	1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3	Pyridine	40.000	46.534	-16.3	105	0.00
4	n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5 S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6	Aniline	40.000	46.744	-16.9	104	0.00
7 S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8	2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9	Benzaldehyde	40.000	43.937	-9.8	98	0.00
10 C	Phenol	40.000	46.913	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12	1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14	1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15	Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17	2-Methylphenol	40.000	47.153	-17.9	104	0.00
18	Hexachloroethane	40.000	44.738	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20	3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22	Acetophenone	40.000	45.153	-12.9	104	0.00
23 S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24	Nitrobenzene	40.000	45.104	-12.8	104	0.00
25	Isophorone	40.000	45.596	-14.0	107	0.00
26 C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27	2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29 C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31	Naphthalene	40.000	44.651	-11.6	105	0.00
32	Benzoic acid	40.000	46.063	-15.2	109	0.00
33	4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34 C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35	Caprolactam	40.000	46.481	-16.2	107	0.00
36 C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37	2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38	1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44	2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45 S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46	1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47	2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	47.621	-19.1	112	0.00
49	Acenaphthylene	40.000	45.315	-13.3	109	0.00
50	Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51	2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52 C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53	3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54 P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55	Dibenzofuran	40.000	44.828	-12.1	109	0.00
56 P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57	2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58	Fluorene	40.000	46.115	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60	Diethylphthalate	40.000	45.299	-13.2	111	0.00
61	4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62	4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63	Azobenzene	40.000	45.747	-14.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67	4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68	Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69	Atrazine	40.000	44.483	-11.2	112	0.00
70 C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71	Phenanthrene	40.000	44.895	-12.2	115	0.00
72	Anthracene	40.000	45.381	-13.5	115	0.00
73	Carbazole	40.000	46.001	-15.0	116	0.00
74	Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75 C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	44.204	-10.5	117	0.00
78	Pyrene	40.000	44.209	-10.5	118	0.00
79 S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80	Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81	Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82	3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83	Chrysene	40.000	44.967	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85 c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86 I	Perylene-d12	20.000	20.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88	Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89	Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90 C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91	Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.113		-2.5	
Benzaldehyde	0.961	0.911		-5.2	
Aniline	1.813	1.767		-2.5	
Phenol-d6	1.436	1.401		-2.4	
Phenol	1.453	1.425		-1.9	20.0
bis(2-Chloroethyl) ether	1.214	1.149		-5.4	
2-Chlorophenol	1.235	1.194		-3.3	
2-Methylphenol	0.957	0.941		-1.7	
2,2-oxybis(1-Chloropropane)	1.475	1.451		-1.6	
Acetophenone	0.497	0.472		-5.0	
3+4-Methylphenols	1.293	1.266		-2.1	
n-Nitroso-di-n-propylamine	0.921	0.900	0.050	-2.3	
Nitrobenzene-d5	0.406	0.388		-4.4	
Hexachloroethane	0.533	0.501		-6.0	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.664		-4.0	
2-Nitrophenol	0.179	0.179		0.0	20.0
2,4-Dimethylphenol	0.297	0.291		-2.0	
bis(2-Chloroethoxy) methane	0.428	0.407		-4.9	
2,4-Dichlorophenol	0.333	0.323		-3.0	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.401		-3.4	
Hexachlorobutadiene	0.258	0.239		-7.4	20.0
Caprolactam	0.097	0.094		-3.1	
4-Chloro-3-methylphenol	0.308	0.294		-4.5	20.0
2-Methylnaphthalene	0.679	0.636		-6.3	
Hexachlorocyclopentadiene	0.423	0.361	0.050	-14.7	
2,4,6-Trichlorophenol	0.439	0.428		-2.5	20.0
2-Fluorobiphenyl	1.691	1.612		-4.7	
2,4,5-Trichlorophenol	0.474	0.464		-2.1	
1,1-Biphenyl	1.487	1.400		-5.9	
2-Chloronaphthalene	1.177	1.109		-5.8	
2-Nitroaniline	0.276	0.279		1.1	
Dimethylphthalate	1.462	1.370		-6.3	
Acenaphthylene	1.857	1.752		-5.7	
2,6-Dinitrotoluene	0.303	0.297		-2.0	
3-Nitroaniline	0.289	0.290		0.3	
Acenaphthene	1.075	1.006		-6.4	20.0
2,4-Dinitrophenol	0.164	0.160	0.050	-2.4	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
4-Nitrophenol	0.205	0.189	0.050	-7.8	
Dibenzofuran	1.788	1.674		-6.4	
2,4-Dinitrotoluene	0.418	0.415		-0.7	
Diethylphthalate	1.377	1.278		-7.2	
4-Chlorophenyl-phenylether	0.804	0.755		-6.1	
Fluorene	1.463	1.378		-5.8	
4-Nitroaniline	0.279	0.284		1.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.583		-5.0	20.0
2,4,6-Tribromophenol	0.296	0.285		-3.7	
4-Bromophenyl-phenylether	0.242	0.230		-5.0	
Hexachlorobenzene	0.279	0.263		-5.7	
Atrazine	0.222	0.211		-5.0	
Pentachlorophenol	0.157	0.144		-8.3	20.0
Phenanthrene	1.128	1.052		-6.7	
Anthracene	1.142	1.076		-5.8	
Carbazole	0.991	0.951		-4.0	
Di-n-butylphthalate	1.180	1.112		-5.8	
Fluoranthene	1.324	1.258		-5.0	20.0
Pyrene	1.404	1.381		-1.6	
Terphenyl-d14	1.352	1.351		-0.1	
Butylbenzylphthalate	0.526	0.517		-1.7	
3,3-Dichlorobenzidine	0.527	0.511		-3.0	
Benzo (a) anthracene	1.377	1.299		-5.7	
Chrysene	1.275	1.183		-7.2	
Bis (2-ethylhexyl) phthalate	0.786	0.740		-5.9	
Di-n-octyl phthalate	1.296	1.213		-6.4	20.0
Benzo (b) fluoranthene	1.301	1.180		-9.3	
Benzo (k) fluoranthene	1.316	1.208		-8.2	
Benzo (a) pyrene	1.218	1.131		-7.1	20.0
Indeno (1,2,3-cd) pyrene	1.490	1.413		-5.2	
Dibenzo (a,h) anthracene	1.215	1.160		-4.5	
Benzo (g,h,i) perylene	1.163	1.102		-5.2	
1,2,4,5-Tetrachlorobenzene	0.692	0.657		-5.1	
1,4-Dioxane	0.490	0.461		-5.9	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.388		-5.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	266306	20.000	ng	-0.02
21) Naphthalene-d8	10.534	136	985466	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	648787	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1276061	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1188727	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1179190	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185161	77.929	ng	-0.02
7) Phenol-d6	6.934	99	1492729	78.093	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1529857	76.498	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	740128	77.152	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4183725	76.285	ng	-0.02
79) Terphenyl-d14	19.768	244	6425682	79.988	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	245428	37.638	ng	99
3) Pyridine	3.640	79	649387	38.760	ng	98
4) n-Nitrosodimethylamine	3.546	42	251732	38.309	ng	99
6) Aniline	7.075	93	940890	38.981	ng	99
8) 2-Chlorophenol	7.316	128	636062	38.682	ng	98
9) Benzaldehyde	6.887	77	485239	37.934	ng	98
10) Phenol	6.957	94	759102	39.229	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	611928	37.871	ng	99
12) 1,3-Dichlorobenzene	7.634	146	750200	37.769	ng	99
13) 1,4-Dichlorobenzene	7.775	146	751753	37.673	ng	98
14) 1,2-Dichlorobenzene	8.093	146	720747	37.392	ng	99
15) Benzyl Alcohol	7.993	79	534885	40.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	773045	39.358	ng	100
17) 2-Methylphenol	8.204	107	500949	39.297	ng	99
18) Hexachloroethane	8.816	117	266844	37.618	ng	97
19) n-Nitroso-di-n-propyla...	8.551	70	479342	39.100	ng	99
20) 3+4-Methylphenols	8.534	107	674221	39.165	ng	97
22) Acetophenone	8.569	105	930655	37.985	ng	98
24) Nitrobenzene	8.946	77	663350	38.361	ng	99
25) Isophorone	9.475	82	1308322	38.379	ng	99
26) 2-Nitrophenol	9.657	139	353615	40.028	ng	99
27) 2,4-Dimethylphenol	9.728	122	573493	39.146	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	802616	38.093	ng	100
29) 2,4-Dichlorophenol	10.210	162	636422	38.777	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	746754	37.345	ng	98
31) Naphthalene	10.587	128	1869765	37.465	ng	100
32) Benzoic acid	9.904	122	364406	38.892	ng	99
33) 4-Chloroaniline	10.704	127	790719	38.655	ng	99
34) Hexachlorobutadiene	10.869	225	471584	37.153	ng	99
35) Caprolactam	11.504	113	186188	38.907	ng	91
36) 4-Chloro-3-methylphenol	11.857	107	579525	38.219	ng	99
37) 2-Methylnaphthalene	12.204	142	1254166	37.483	ng	99
38) 1-Methylnaphthalene	12.422	142	1324896	37.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	852610	37.962	ng	100
41) Hexachlorocyclopentadiene	12.551	237	468351	34.123	ng	100
43) 2,4,6-Trichlorophenol	12.834	196	555916	39.025	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

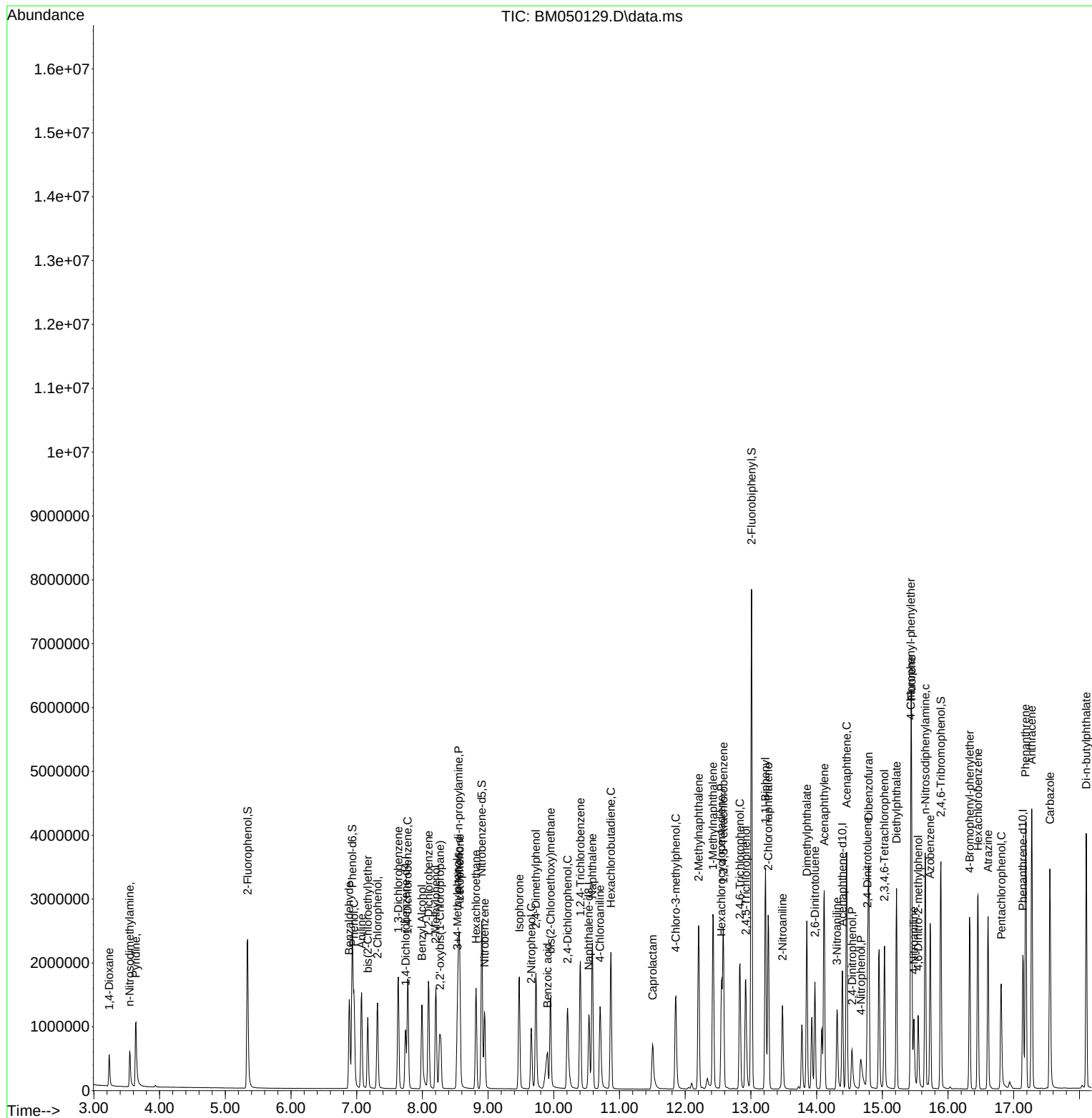
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	602516	39.223	ng	99
46) 1,1'-Biphenyl	13.222	154	1816474	37.665	ng	98
47) 2-Chloronaphthalene	13.263	162	1439265	37.681	ng	100
48) 2-Nitroaniline	13.481	65	362607	40.448	ng	99
49) Acenaphthylene	14.116	152	2273946	37.758	ng	99
50) Dimethylphthalate	13.851	163	1777120	37.481	ng	100
51) 2,6-Dinitrotoluene	13.975	165	384842	39.202	ng	99
52) Acenaphthene	14.457	154	1305026	37.437	ng	99
53) 3-Nitroaniline	14.310	138	376890	40.213	ng	100
54) 2,4-Dinitrophenol	14.539	184	207759	36.439	ng	98
55) Dibenzofuran	14.792	168	2172737	37.462	ng	100
56) 4-Nitrophenol	14.675	139	244642	34.800	ng	98
57) 2,4-Dinitrotoluene	14.775	165	537890	39.653	ng	99
58) Fluorene	15.445	166	1787962	37.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	503890	37.896	ng	99
60) Diethylphthalate	15.216	149	1658728	37.127	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	979216	37.553	ng	97
62) 4-Nitroaniline	15.480	138	368722	40.776	ng	97
63) Azobenzene	15.727	77	1398756	37.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	309774	38.782	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1487921	37.972	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	586846	38.030	ng	99
68) Hexachlorobenzene	16.457	284	671453	37.749	ng	96
69) Atrazine	16.610	200	539064	38.139	ng	99
70) Pentachlorophenol	16.810	266	368173	36.772	ng	100
71) Phenanthrene	17.180	178	2685945	37.320	ng	100
72) Anthracene	17.274	178	2746787	37.713	ng	100
73) Carbazole	17.551	167	2427561	38.410	ng	99
74) Di-n-butylphthalate	18.104	149	2838617	37.714	ng	99
75) Fluoranthene	19.204	202	3209490	37.983	ng	100
77) Benzidine	19.392	184	1655106	39.198	ng	99
78) Pyrene	19.568	202	3284421	39.346	ng	100
80) Butylbenzylphthalate	20.462	149	1229679	39.331	ng	98
81) Benzo(a)anthracene	21.368	228	3088369	37.728	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1215688	38.795	ng	99
83) Chrysene	21.427	228	2813027	37.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1760201	37.692	ng	99
85) Di-n-octyl phthalate	22.403	149	2883032	37.435	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3332526	37.928	ng	99
88) Benzo(b)fluoranthene	23.433	252	2784029	36.304	ng	100
89) Benzo(k)fluoranthene	23.498	252	2849425	36.733	ng	99
90) Benzo(a)pyrene	24.239	252	2666219	37.121	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2735436	38.192	ng	99
92) Benzo(g,h,i)perylene	28.827	276	2598984	37.902	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

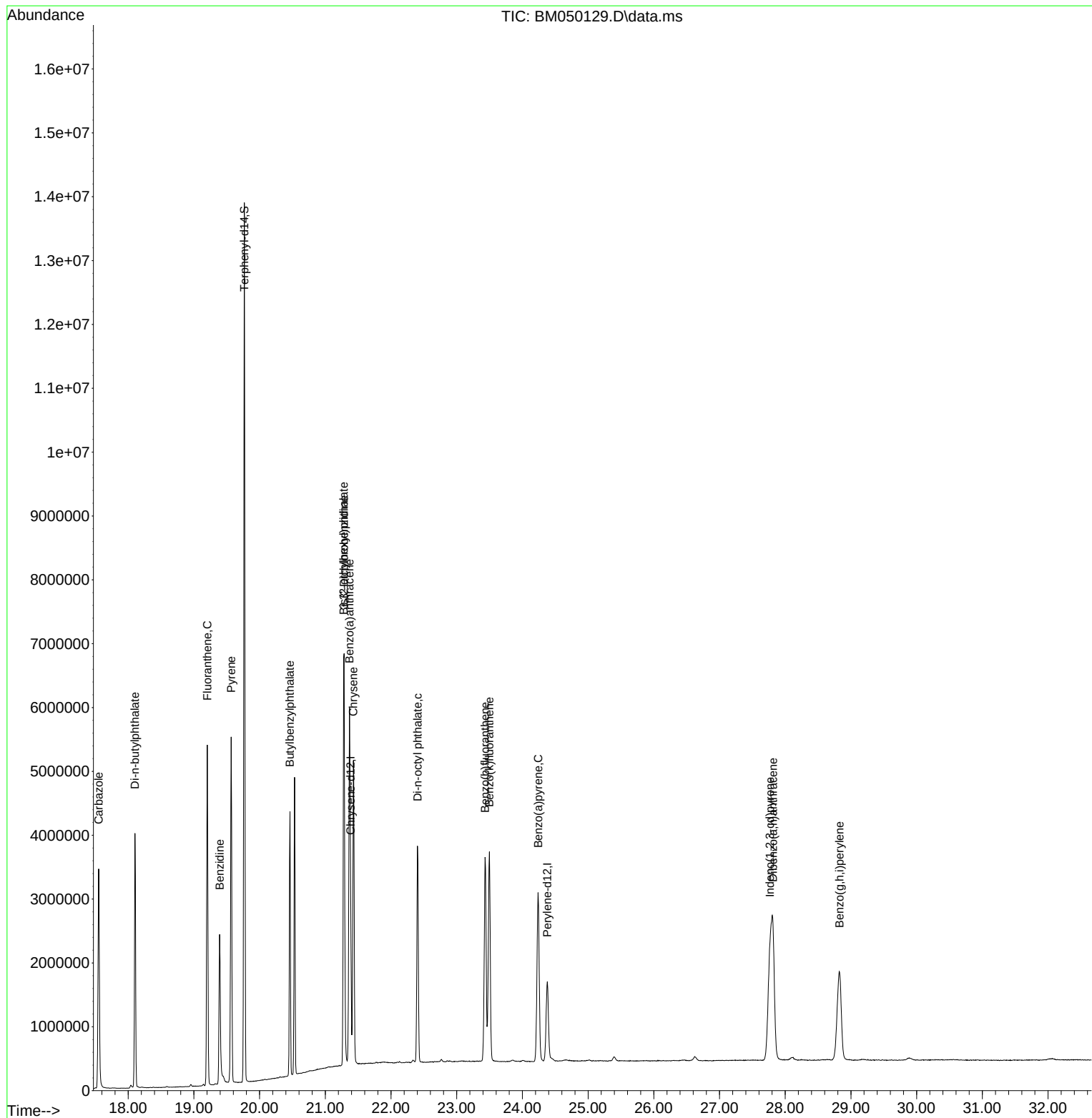
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

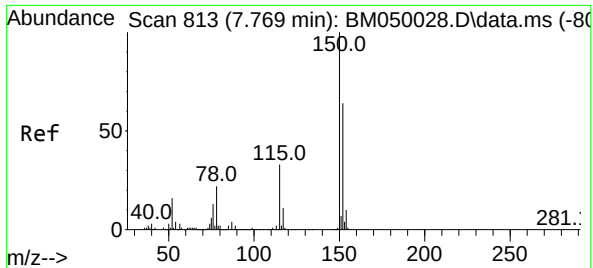


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Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

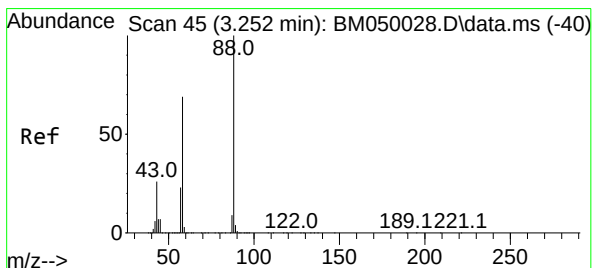
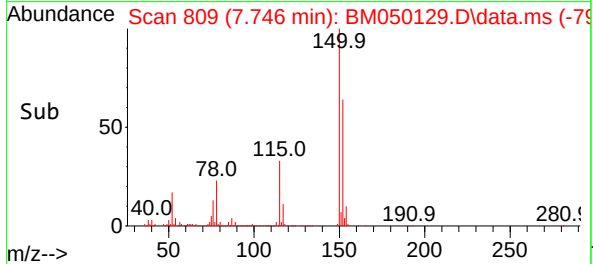
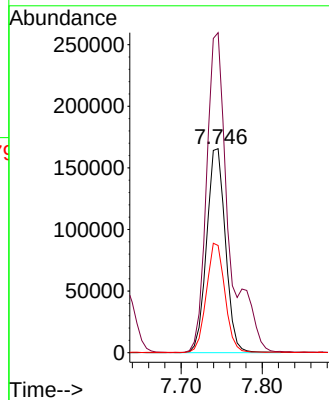
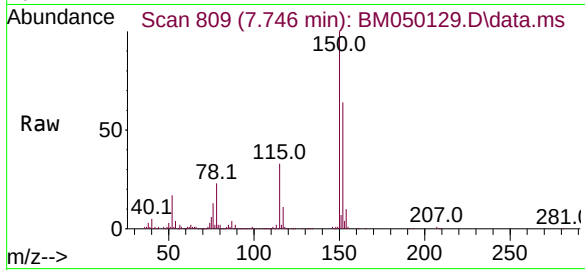




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

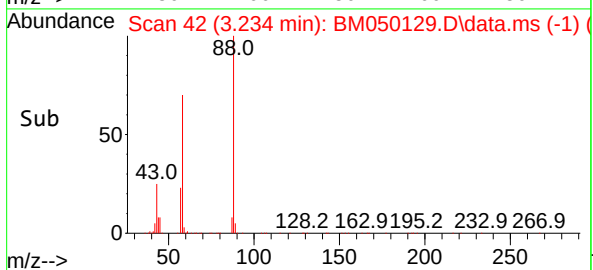
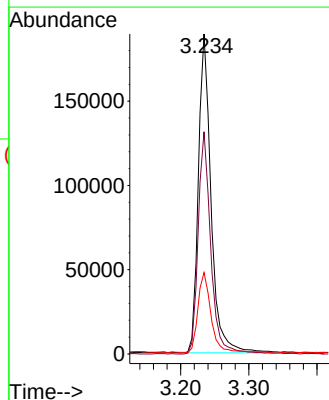
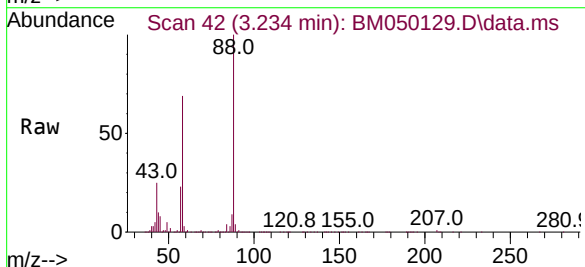
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

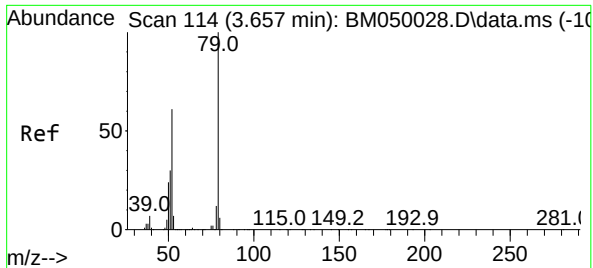
Tgt Ion:152 Resp: 266306
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 52.5 41.2 61.8



#2
1,4-Dioxane
Concen: 37.638 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 88 Resp: 245428
Ion Ratio Lower Upper
88 100
58 69.5 55.1 82.7
43 25.3 20.9 31.3

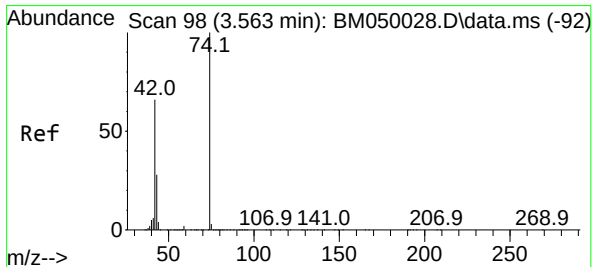
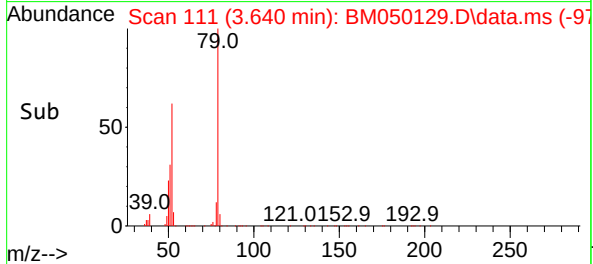
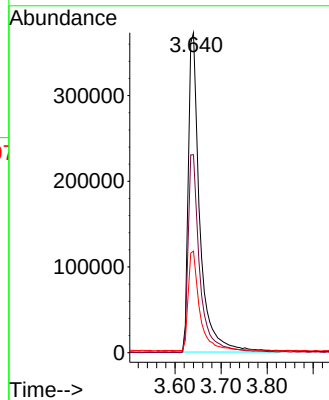
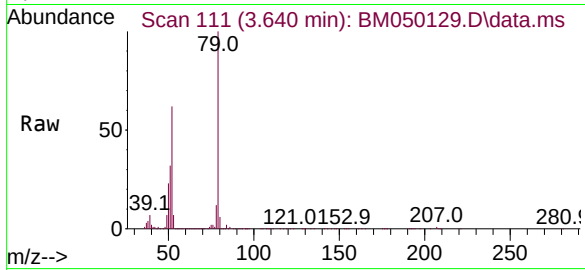




#3
Pyridine
Concen: 38.760 ng
RT: 3.640 min Scan# 114
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

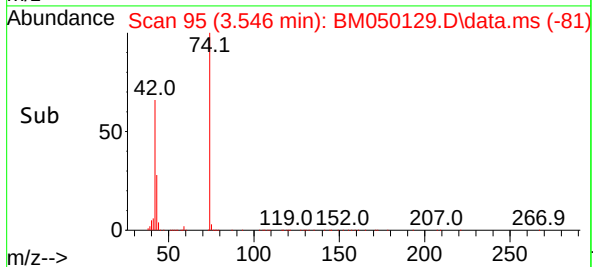
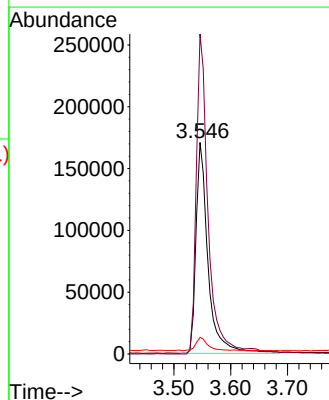
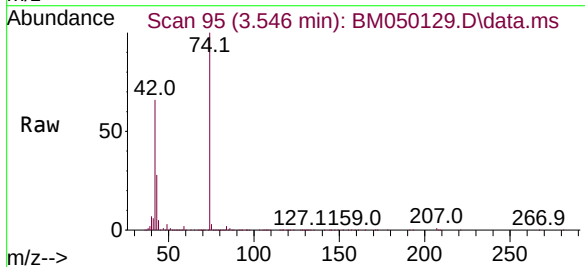
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

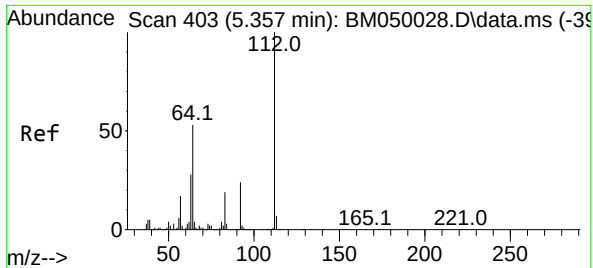
Tgt Ion: 79 Resp: 649387
Ion Ratio Lower Upper
79 100
52 61.9 48.6 72.8
51 31.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 38.309 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 42 Resp: 251732
Ion Ratio Lower Upper
42 100
74 151.3 120.2 180.2
44 7.9 6.2 9.2

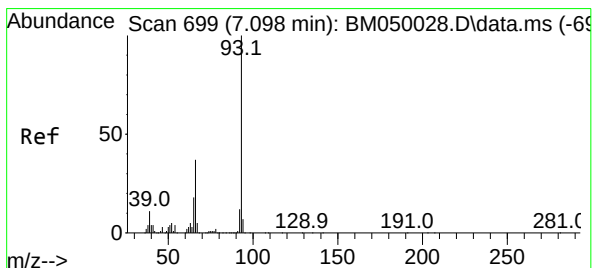
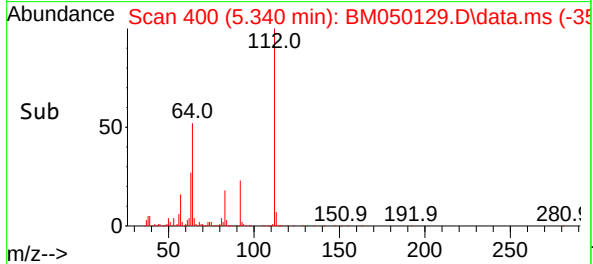
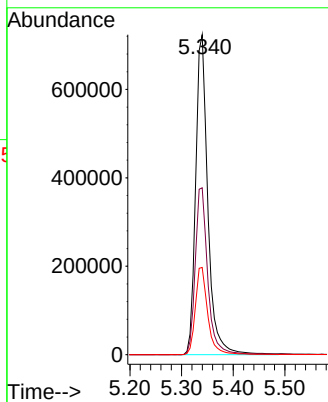
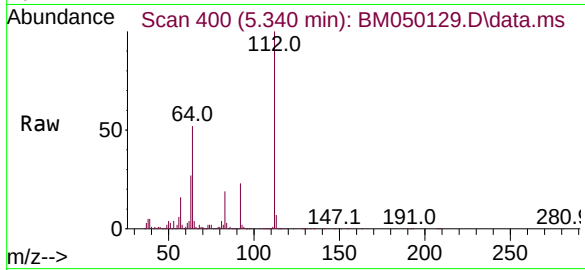




#5
2-Fluorophenol
Concen: 77.929 ng
RT: 5.340 min Scan# 403
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

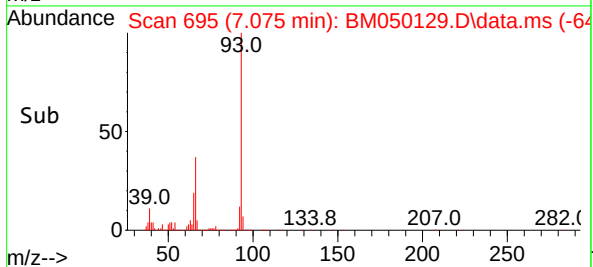
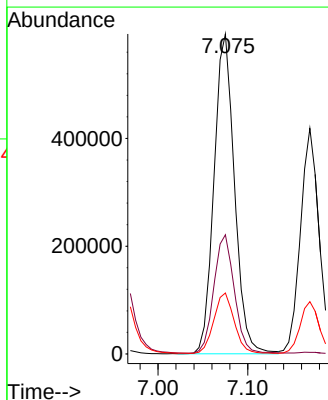
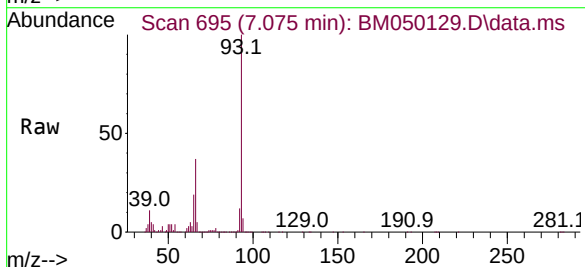
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

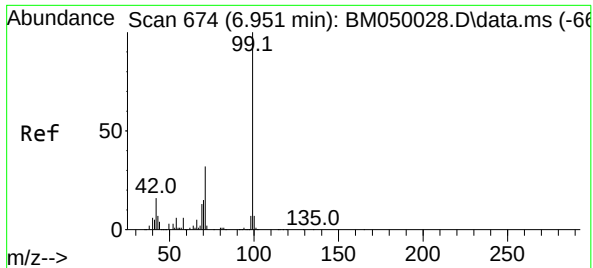
Tgt Ion:112 Resp: 1185161
Ion Ratio Lower Upper
112 100
64 52.1 42.6 64.0
63 27.2 22.2 33.4



#6
Aniline
Concen: 38.981 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 93 Resp: 940890
Ion Ratio Lower Upper
93 100
66 37.3 29.9 44.9
65 19.0 14.5 21.7

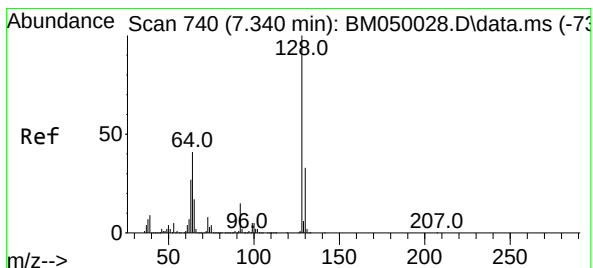
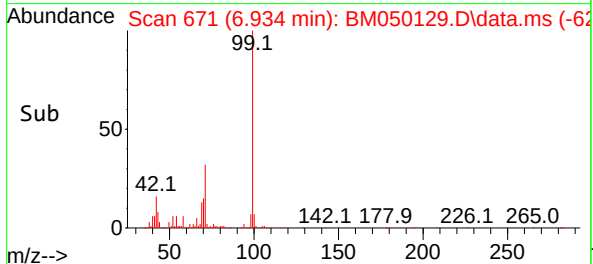
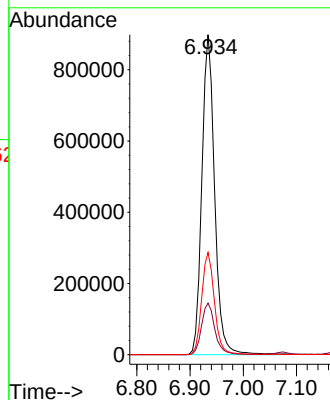
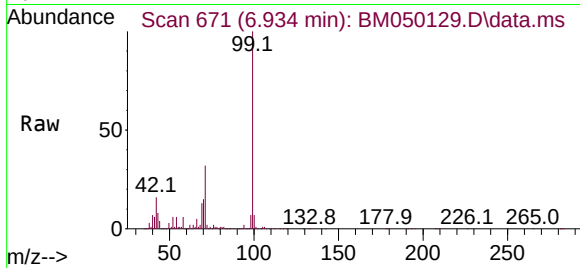




#7
Phenol-d6
Concen: 78.093 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

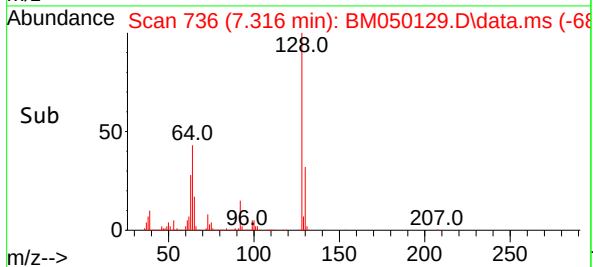
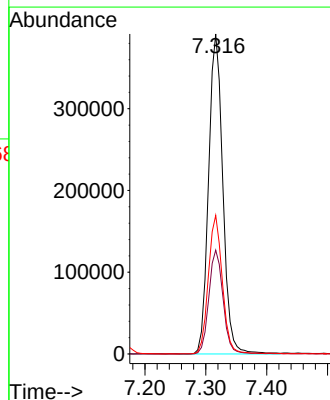
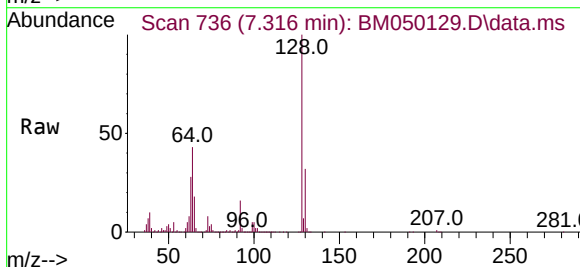
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

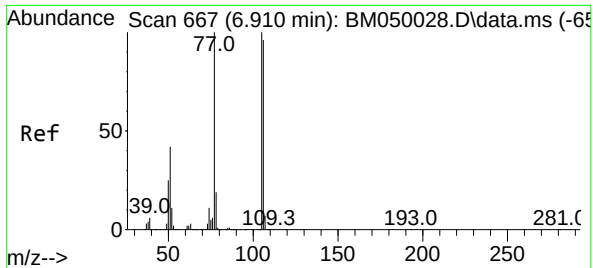
Tgt Ion: 99 Resp: 1492729
Ion Ratio Lower Upper
99 100
42 16.1 13.0 19.4
71 32.0 25.6 38.4



#8
2-Chlorophenol
Concen: 38.682 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 128 Resp: 636062
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 43.3 21.2 61.2

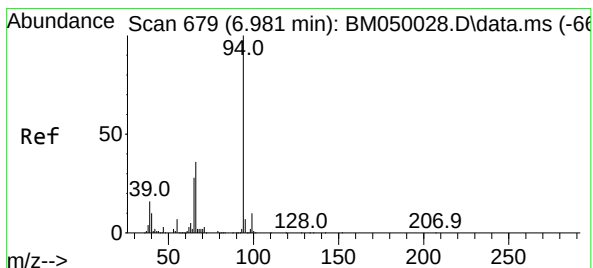
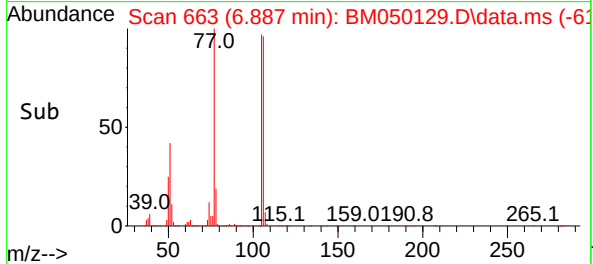
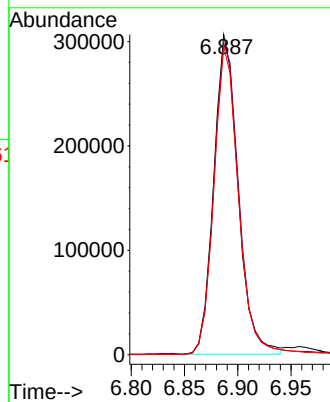
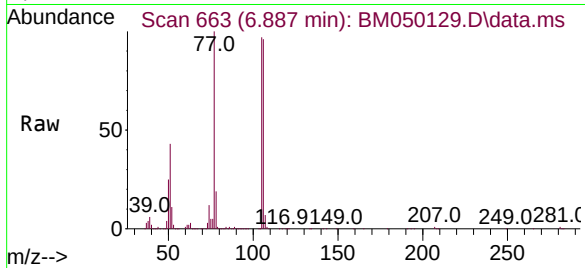




#9
Benzaldehyde
Concen: 37.934 ng
RT: 6.887 min Scan# 61
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

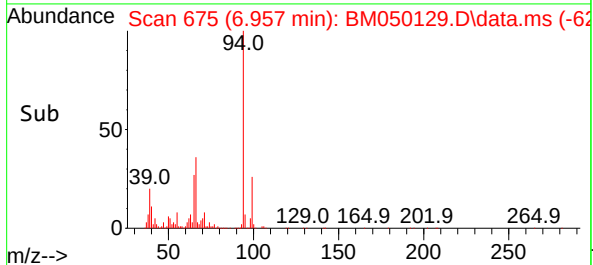
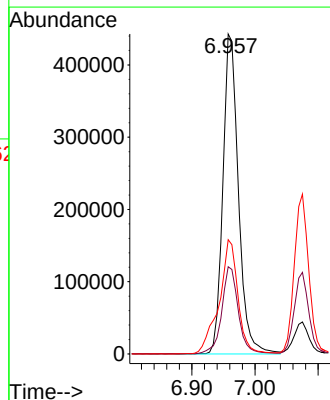
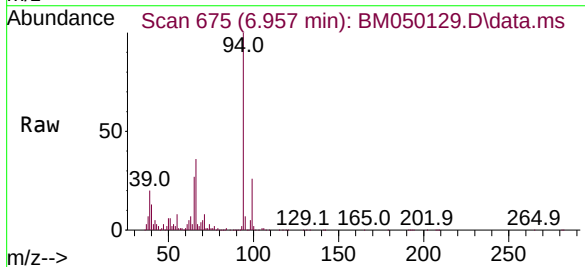
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

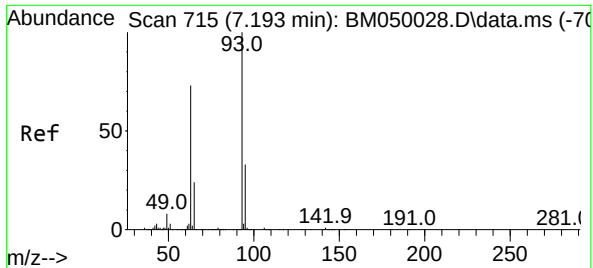
Tgt Ion: 77 Resp: 485239
Ion Ratio Lower Upper
77 100
105 97.3 80.5 120.5
106 96.3 76.1 116.1



#10
Phenol
Concen: 39.229 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 94 Resp: 759102
Ion Ratio Lower Upper
94 100
65 27.3 7.6 47.6
66 35.7 15.8 55.8

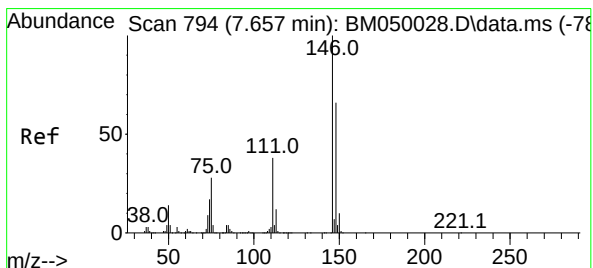
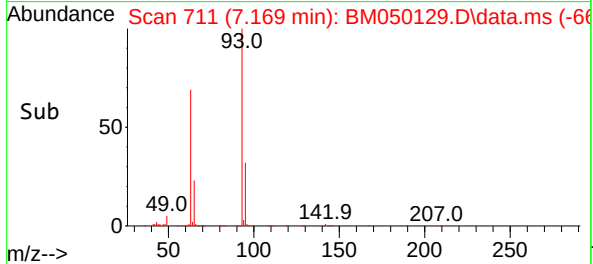
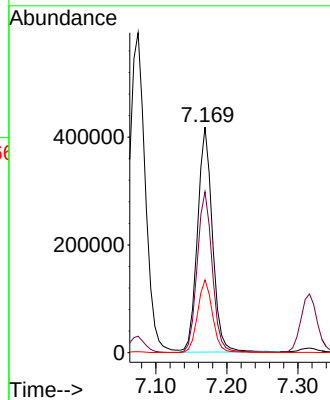
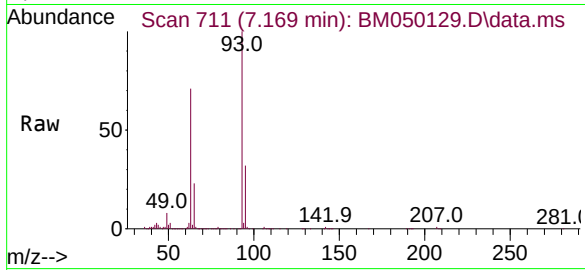




#11
bis(2-Chloroethyl)ether
Concen: 37.871 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

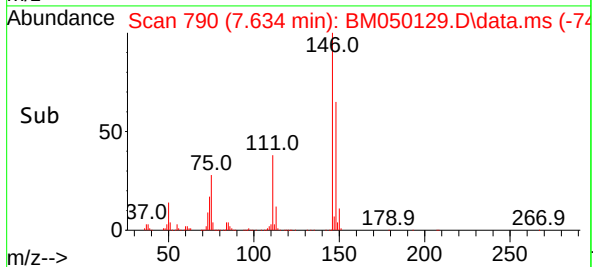
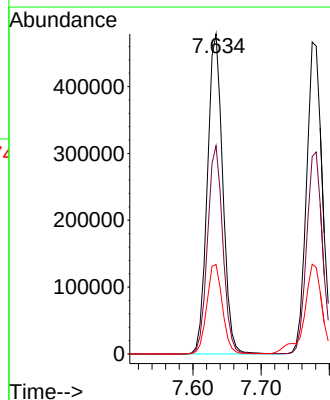
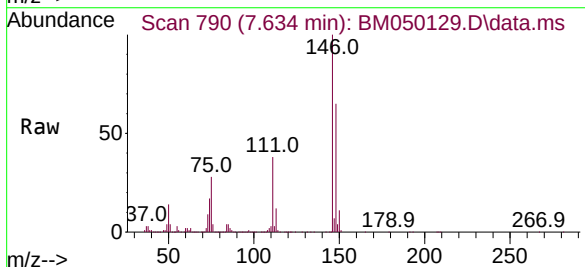
Instrument :
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ClientSampleId :
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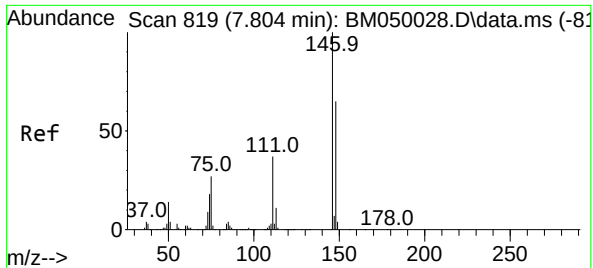
Tgt Ion: 93 Resp: 611928
Ion Ratio Lower Upper
93 100
63 71.4 52.3 92.3
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.769 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 146 Resp: 750200
Ion Ratio Lower Upper
146 100
148 65.0 52.5 78.7
75 28.0 22.6 34.0

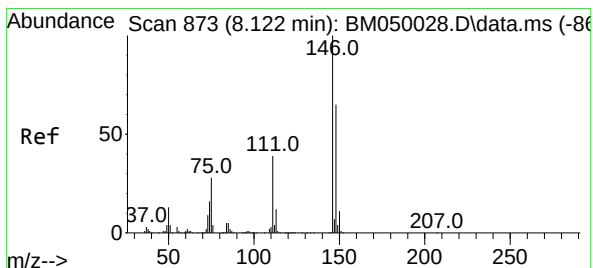
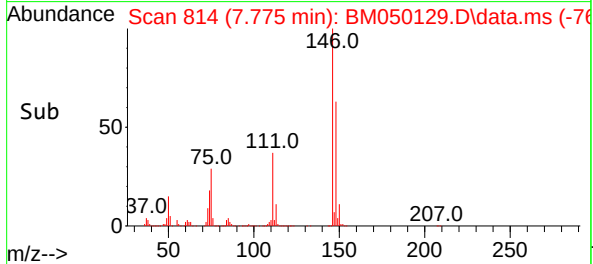
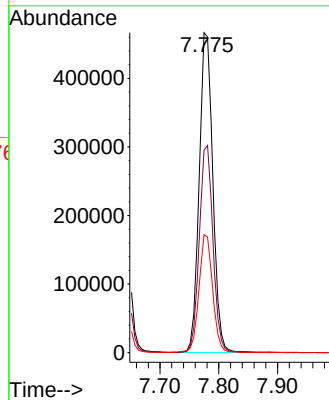
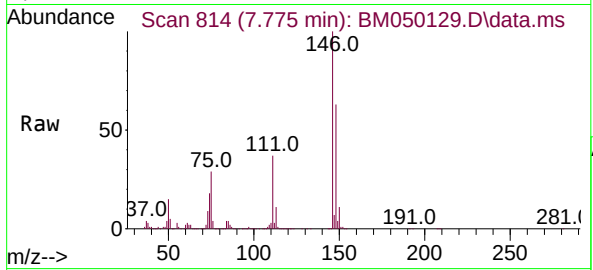




#13
1,4-Dichlorobenzene
Concen: 37.673 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

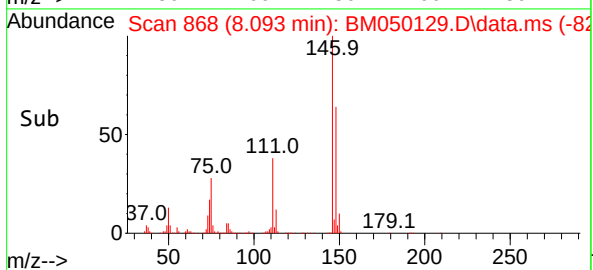
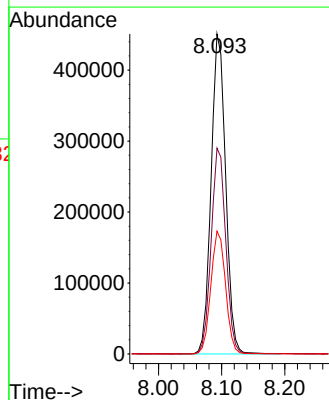
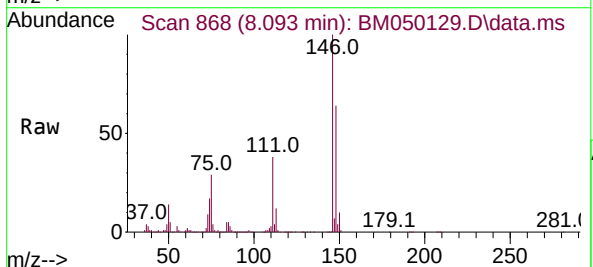
Instrument :
BNA_M
ClientSampleId :
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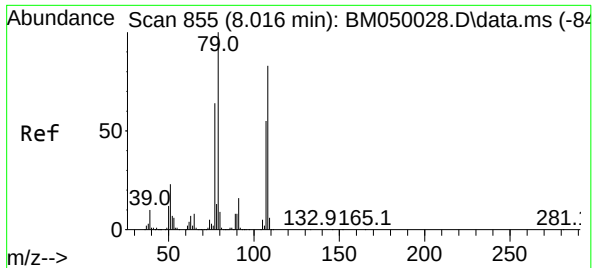
Tgt Ion:146 Resp: 751753
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.2
111 36.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 37.392 ng
RT: 8.093 min Scan# 868
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:146 Resp: 720747
Ion Ratio Lower Upper
146 100
148 64.3 52.4 78.6
111 38.4 31.0 46.6

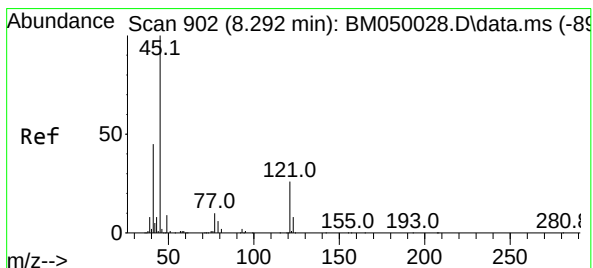
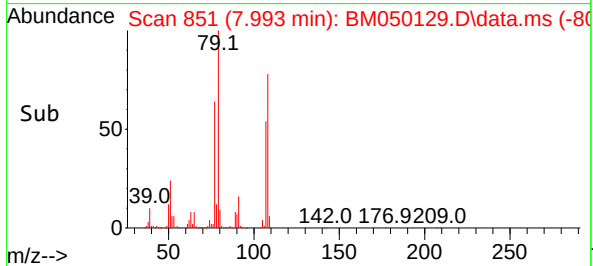
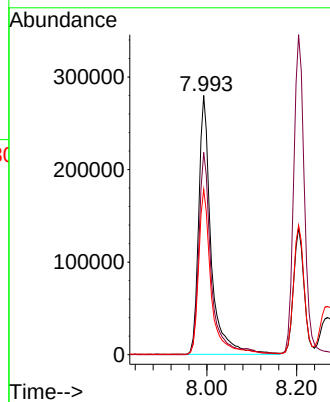
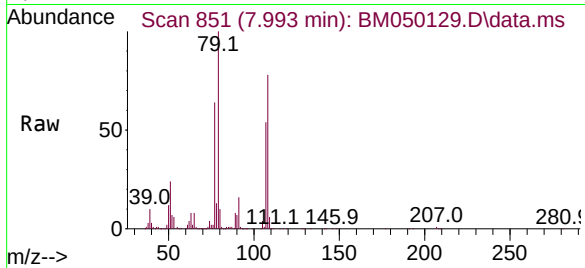




#15
Benzyl Alcohol
Concen: 40.351 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

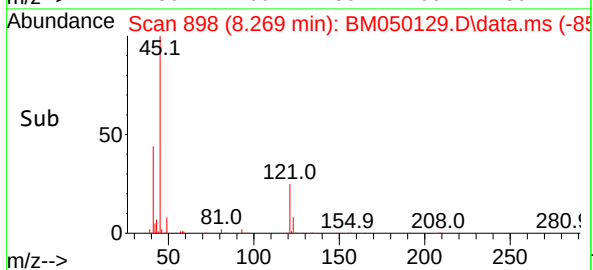
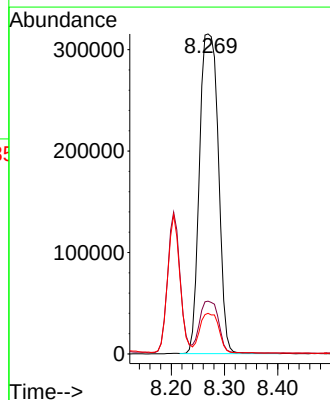
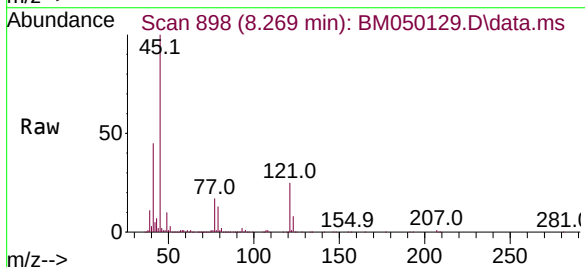
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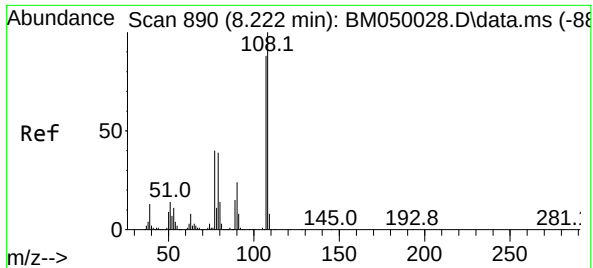
Tgt Ion: 79 Resp: 534885
Ion Ratio Lower Upper
79 100
108 78.0 66.0 99.0
77 63.8 51.6 77.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.358 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 45 Resp: 773045
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.4
79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 39.297 ng

RT: 8.204 min Scan# 887

Delta R.T. -0.017 min

Lab File: BM050129.D

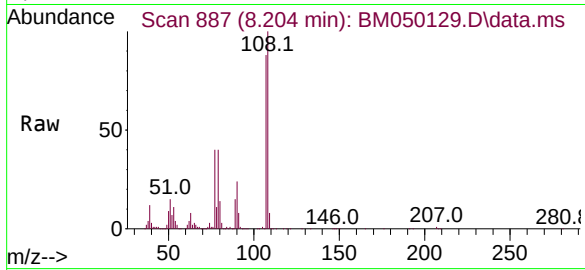
Acq: 07 May 2025 09:56

Instrument :

BNA_M

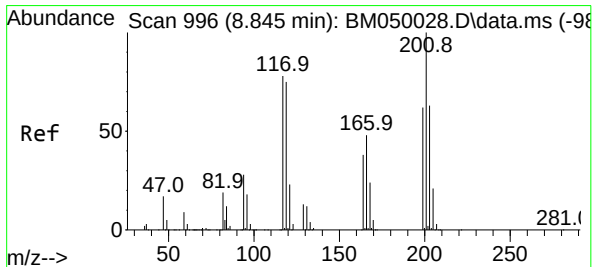
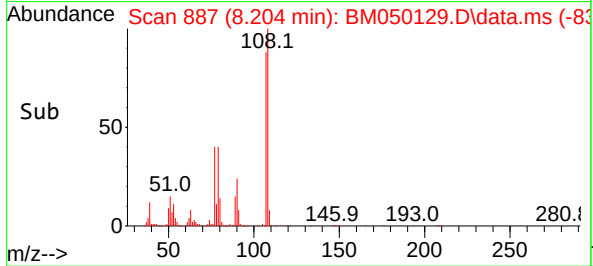
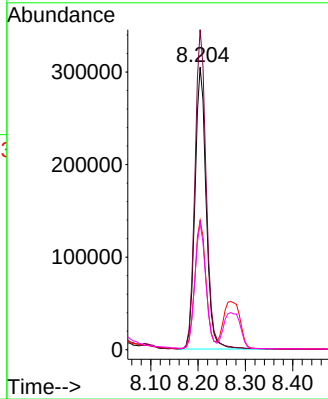
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 500949

Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.1	136.7
77	45.8	36.2	54.4
79	45.0	35.8	53.8



#18

Hexachloroethane

Concen: 37.618 ng

RT: 8.816 min Scan# 991

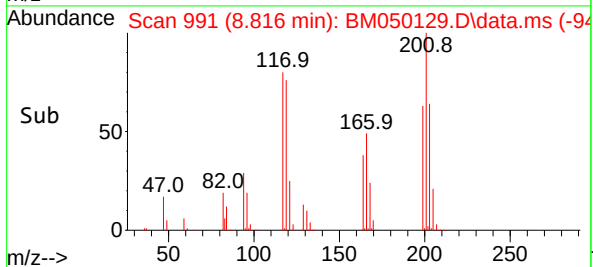
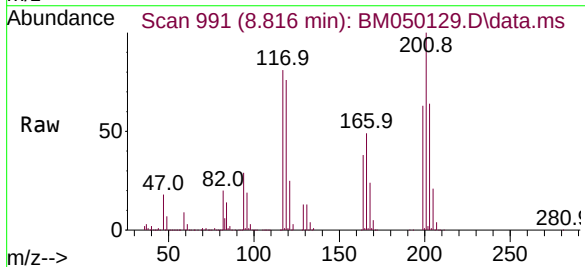
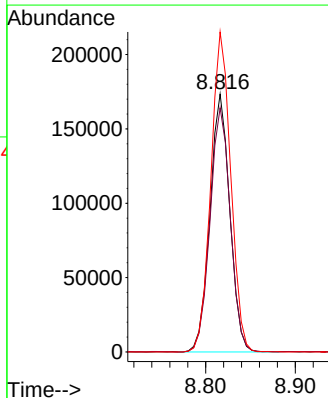
Delta R.T. -0.029 min

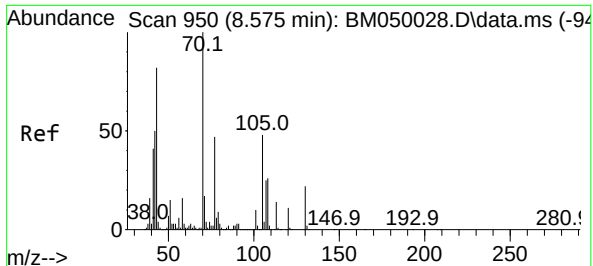
Lab File: BM050129.D

Acq: 07 May 2025 09:56

Tgt Ion:117 Resp: 266844

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.3	115.9
201	124.1	102.8	154.2

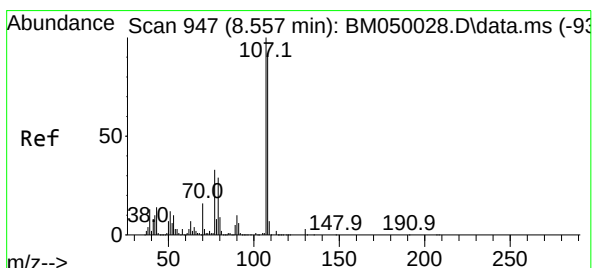
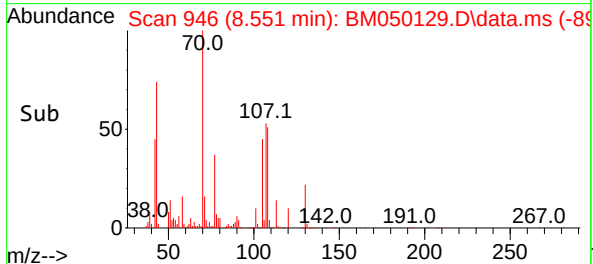
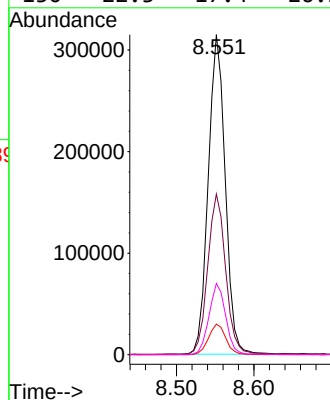
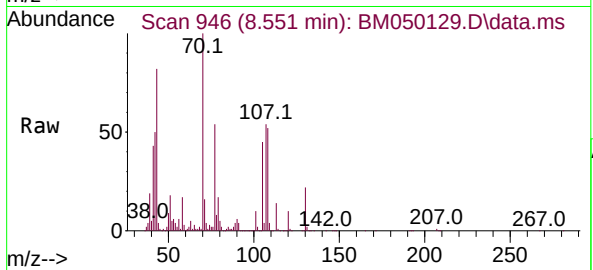




#19
n-Nitroso-di-n-propylamine
Concen: 39.100 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

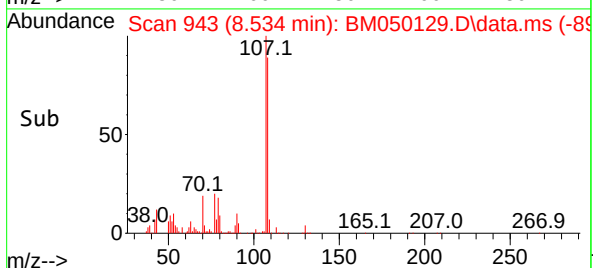
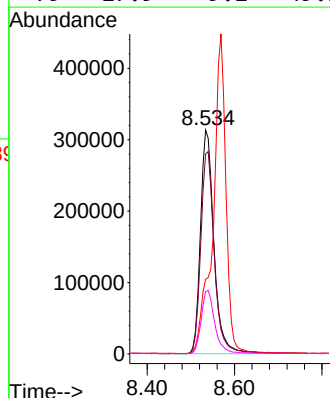
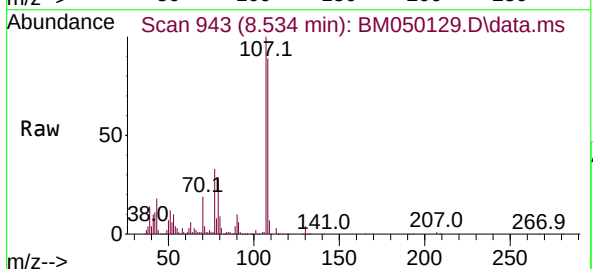
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

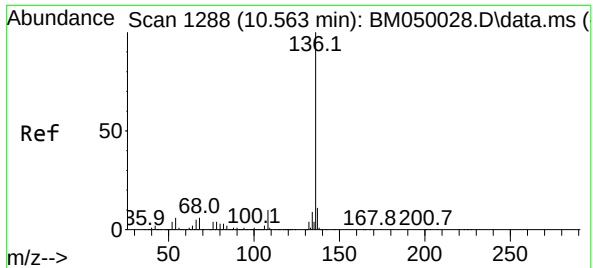
Tgt Ion: 70 Resp: 479342
Ion Ratio Lower Upper
70 100
42 50.2 40.5 60.7
101 9.5 7.8 11.6
130 22.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 39.165 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 107 Resp: 674221
Ion Ratio Lower Upper
107 100
108 89.3 72.4 112.4
77 33.4 13.6 53.6
79 27.9 9.2 49.2

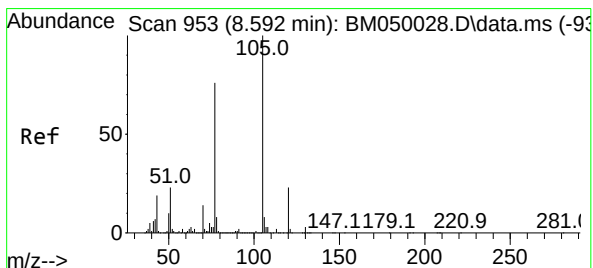
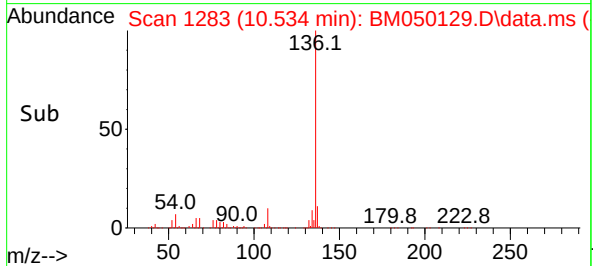
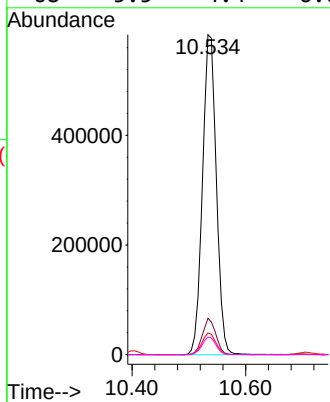
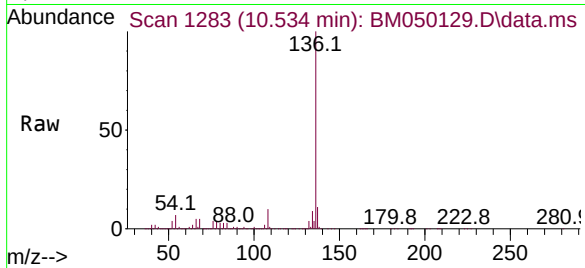




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 11
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

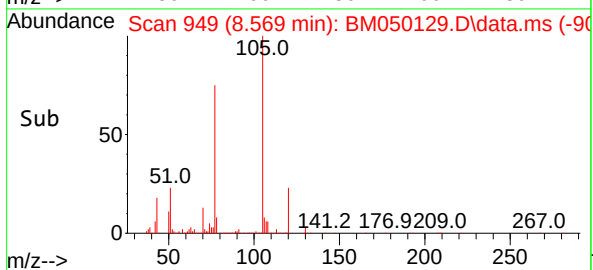
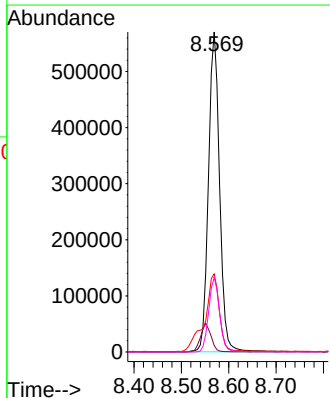
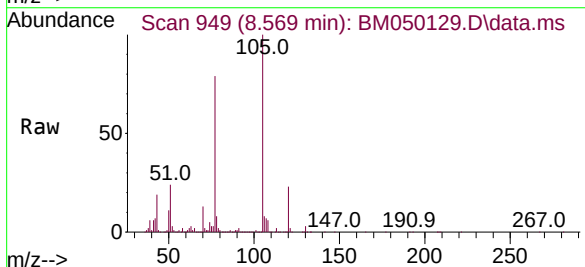
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

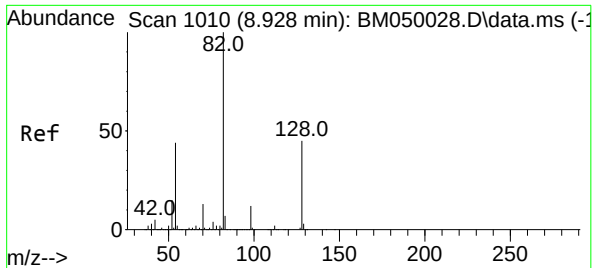
Tgt Ion:136 Resp: 985466
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.8 5.1 7.7
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 37.985 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:105 Resp: 930655
Ion Ratio Lower Upper
105 100
71 2.0 1.7 2.5
51 24.4 18.6 27.8
120 23.3 18.3 27.5

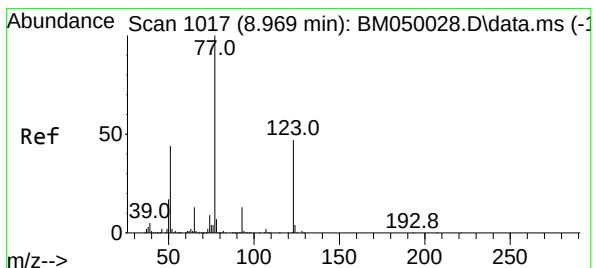
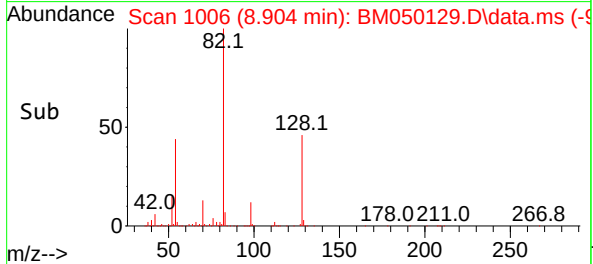
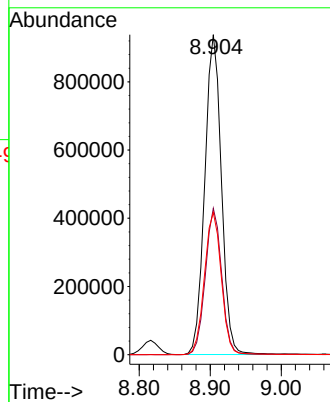
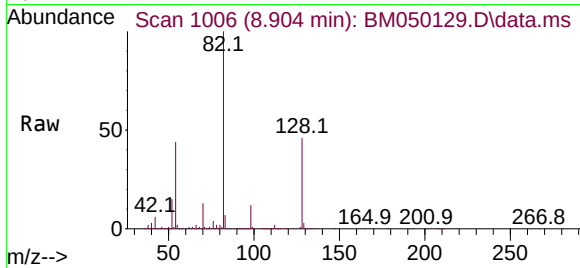




#23
Nitrobenzene-d5
Concen: 76.498 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

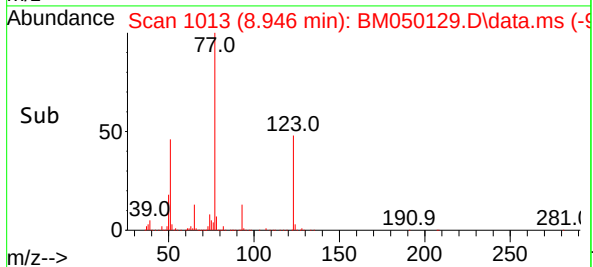
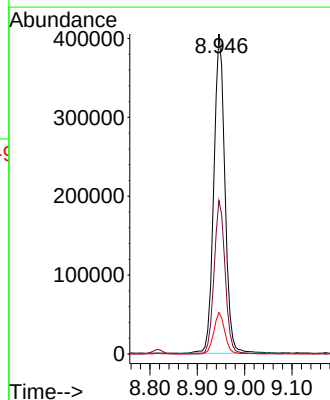
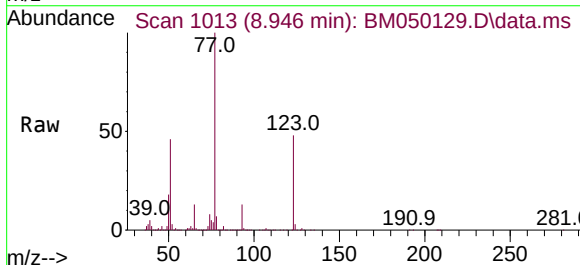
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

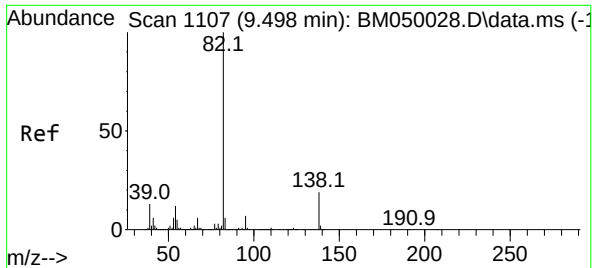
Tgt Ion: 82 Resp: 1529857
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 44.4 35.4 53.2



#24
Nitrobenzene
Concen: 38.361 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 77 Resp: 663350
Ion Ratio Lower Upper
77 100
123 48.0 37.9 56.9
65 13.0 10.1 15.1

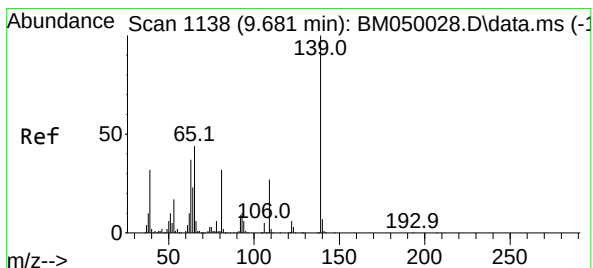
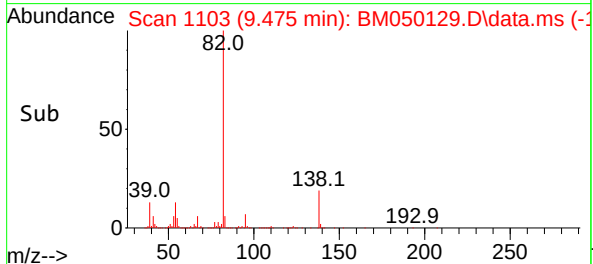
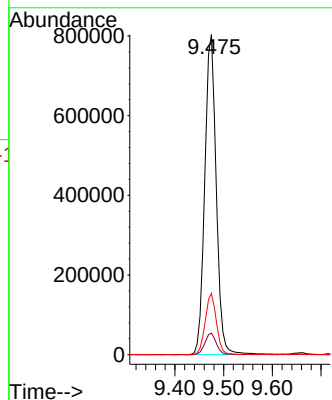
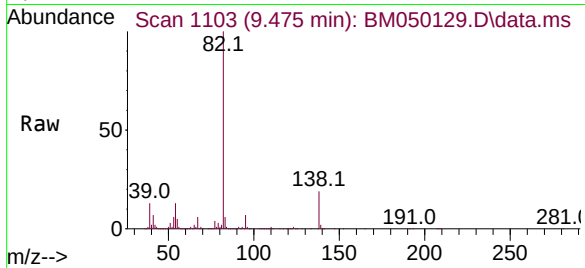




#25
Isophorone
Concen: 38.379 ng
RT: 9.475 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

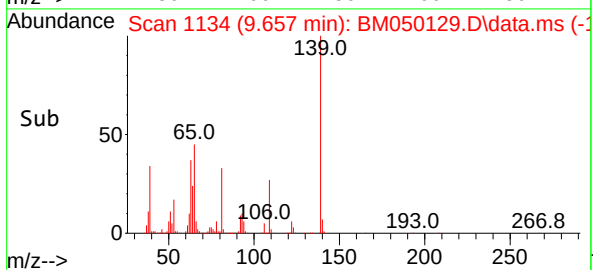
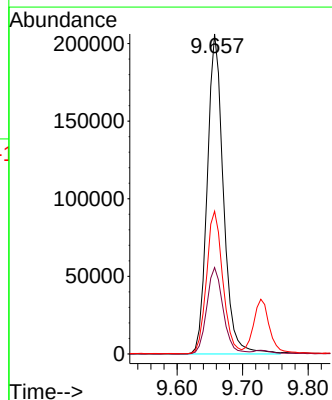
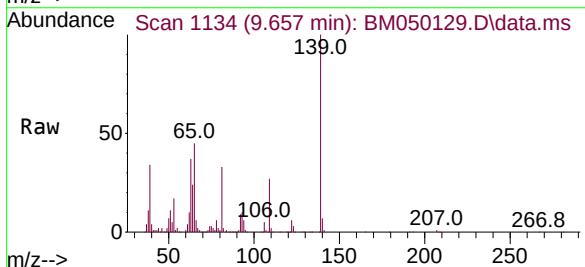
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

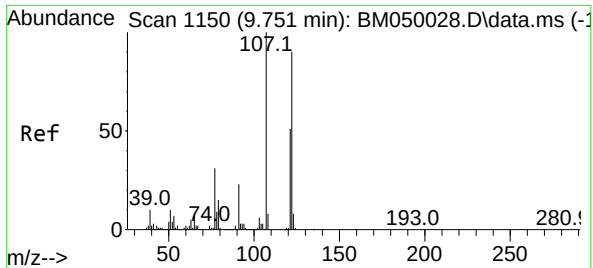
Tgt Ion: 82 Resp: 1308322
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.1 15.5 23.3



#26
2-Nitrophenol
Concen: 40.028 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:139 Resp: 353615
Ion Ratio Lower Upper
139 100
109 27.0 21.9 32.9
65 44.6 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 39.146 ng

RT: 9.728 min Scan# 1146

Delta R.T. -0.023 min

Lab File: BM050129.D

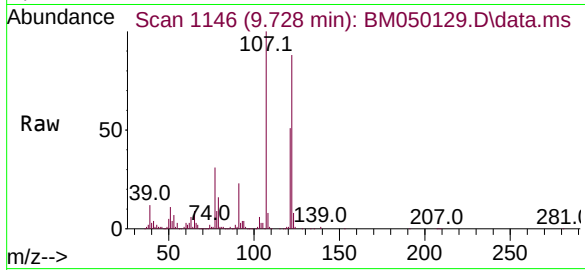
Acq: 07 May 2025 09:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



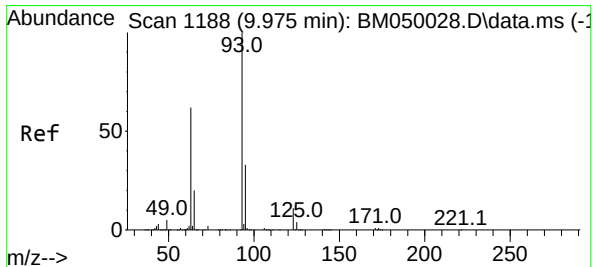
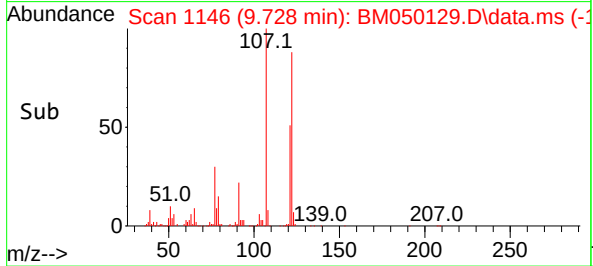
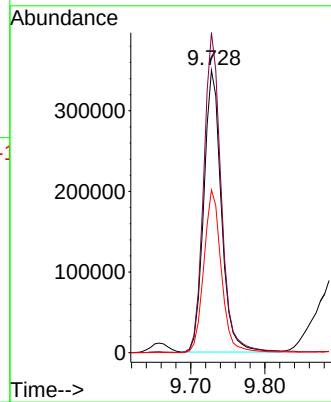
Tgt Ion:122 Resp: 573493

Ion	Ratio	Lower	Upper

122	100		

107	113.3	89.0	133.6

121	57.6	45.6	68.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.093 ng

RT: 9.951 min Scan# 1184

Delta R.T. -0.023 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

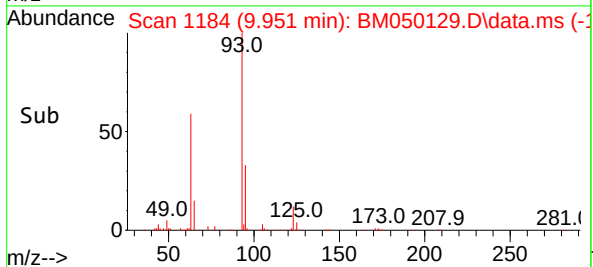
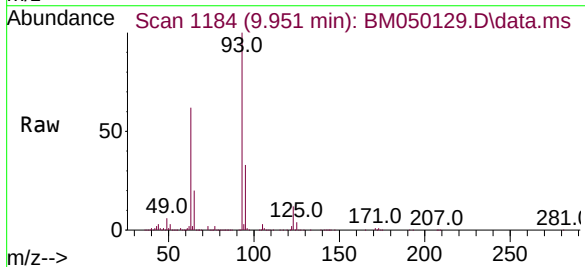
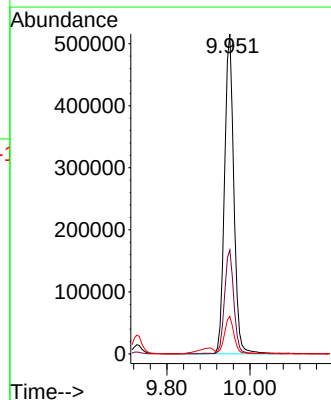
Tgt Ion: 93 Resp: 802616

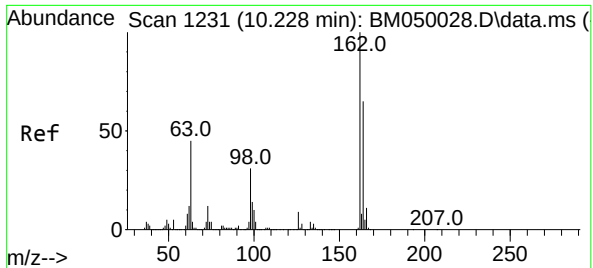
Ion	Ratio	Lower	Upper

93	100		

95	32.5	26.1	39.1

123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 38.777 ng

RT: 10.210 min Scan# 1228

Delta R.T. -0.017 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

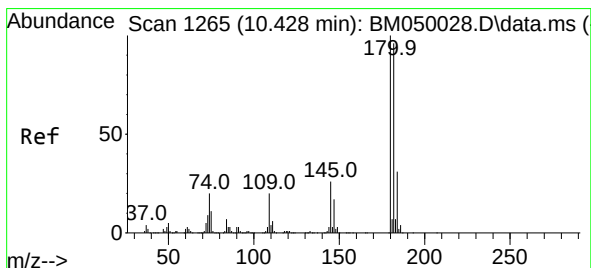
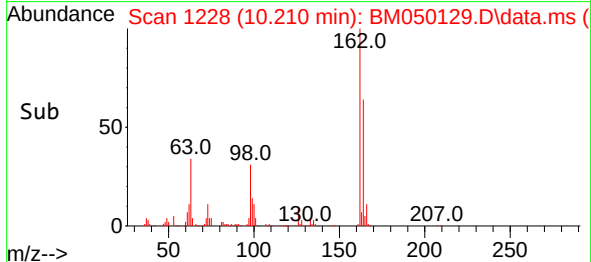
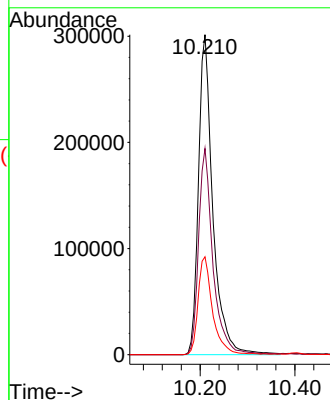
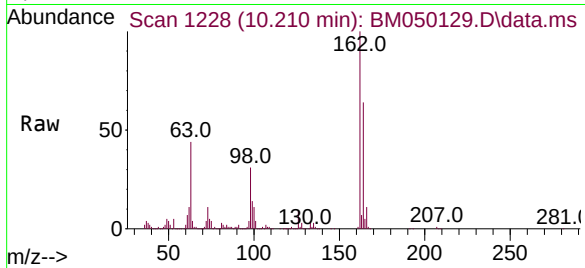
Tgt Ion:162 Resp: 636422

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 30.6 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 37.345 ng

RT: 10.404 min Scan# 1261

Delta R.T. -0.023 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

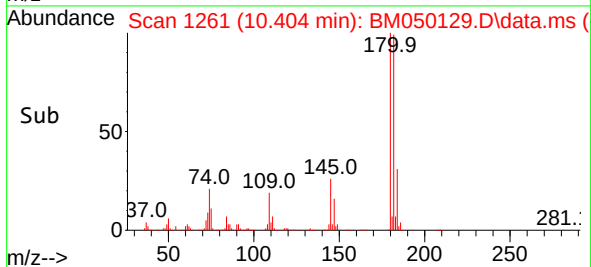
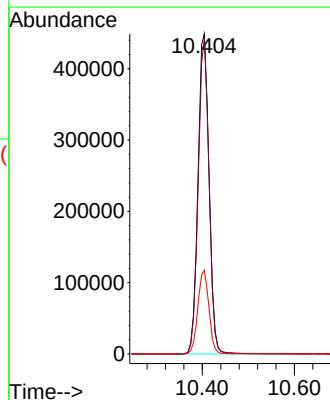
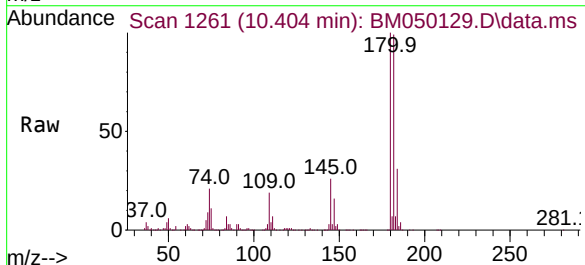
Tgt Ion:180 Resp: 746754

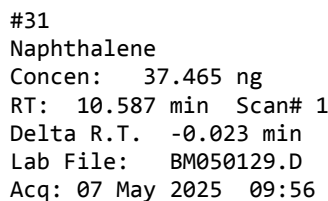
Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.4

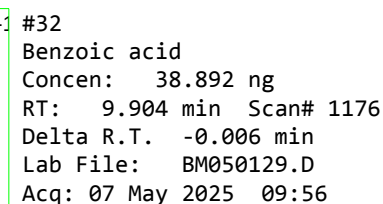
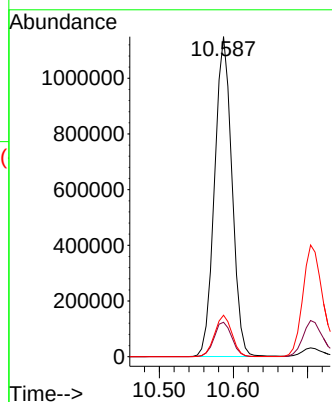
145 26.1 20.6 30.8



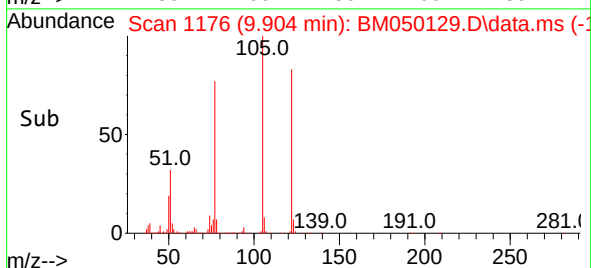
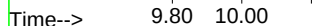
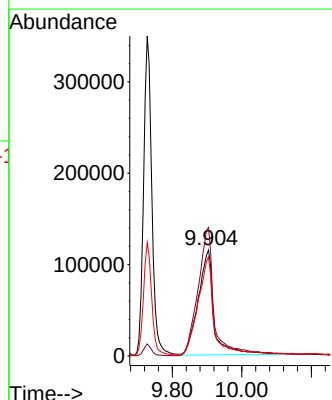


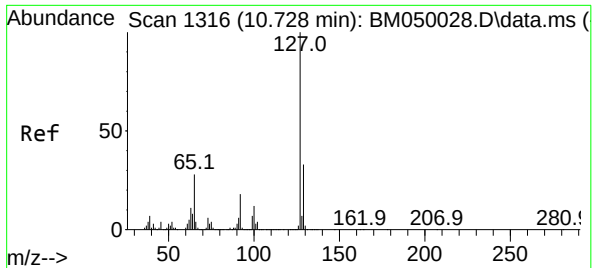
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt	Ion:128	Resp:	1869765
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.4	15.6



Tgt	Ion:122	Resp:	364406
Ion	Ratio	Lower	Upper
122	100		
105	121.4	103.6	143.6
77	93.4	73.7	113.7

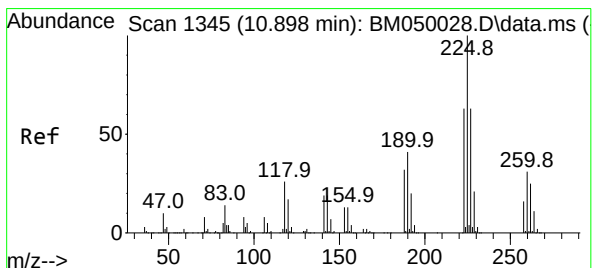
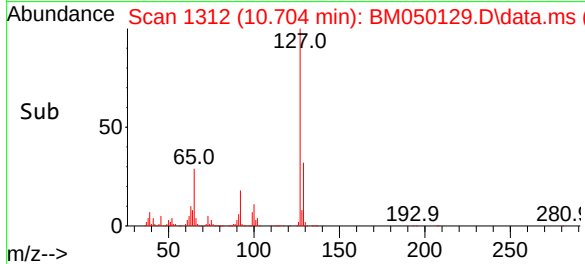
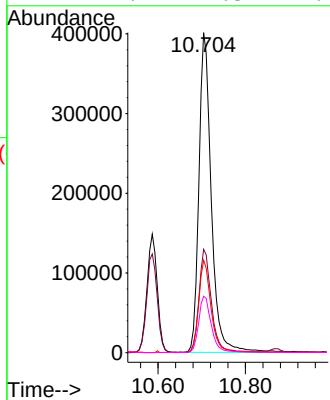
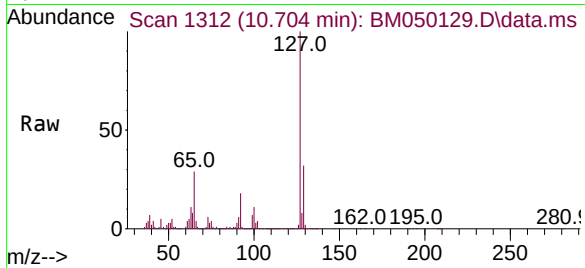




#33
4-Chloroaniline
Concen: 38.655 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

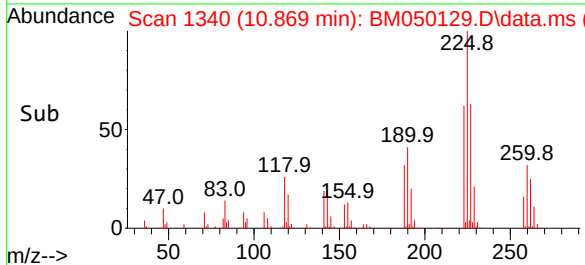
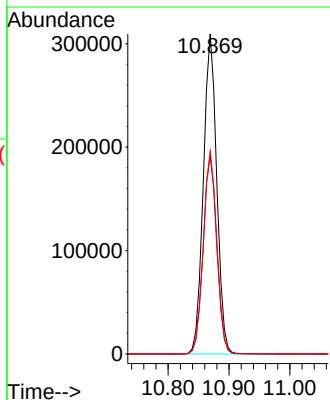
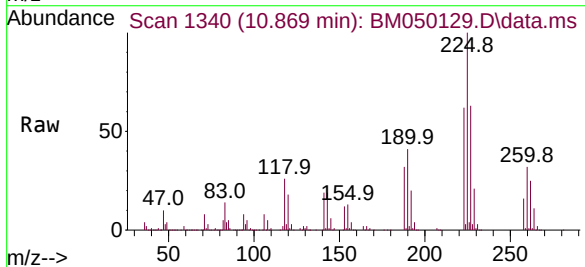
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

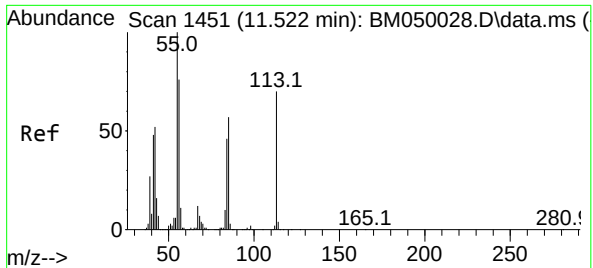
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.9	22.5	33.7
92	17.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 37.153 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	63.4	50.6	76.0

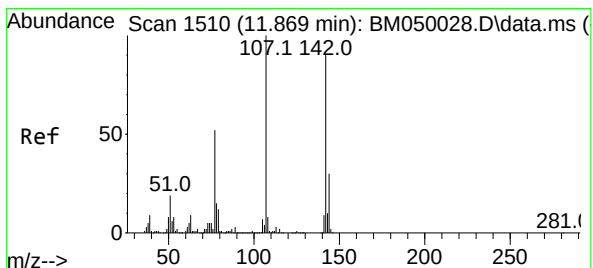
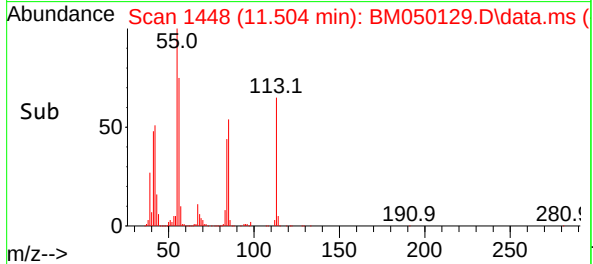
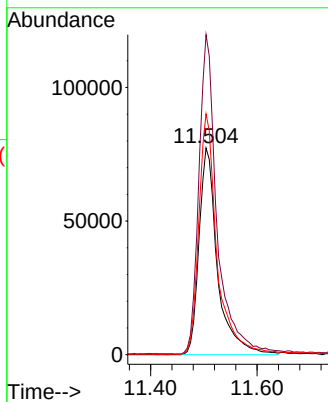
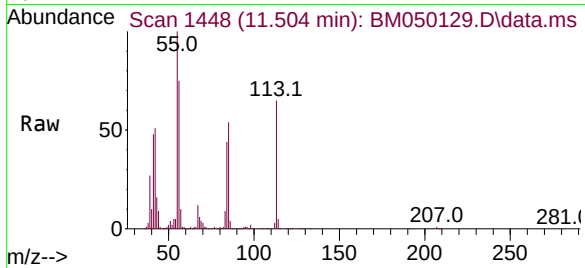




#35
Caprolactam
Concen: 38.907 ng
RT: 11.504 min Scan# 1451
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

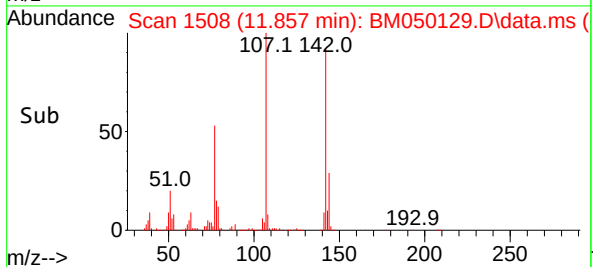
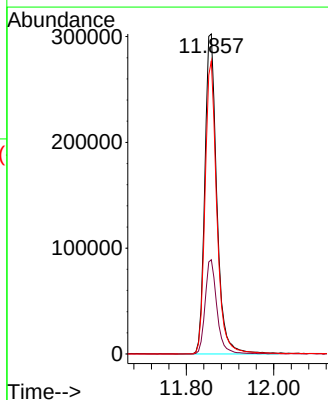
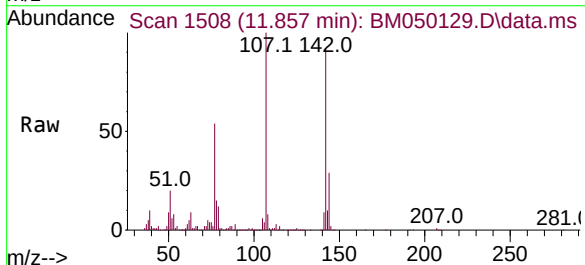
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

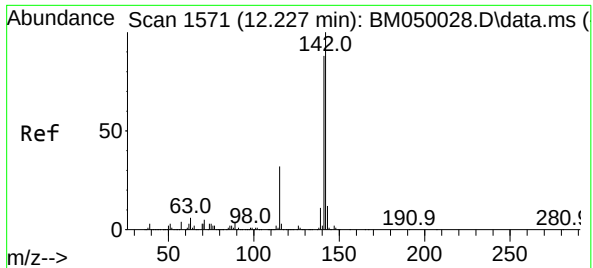
Tgt Ion:113 Resp: 186188
Ion Ratio Lower Upper
113 100
55 154.8 122.9 162.9
56 116.5 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 38.219 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:107 Resp: 579525
Ion Ratio Lower Upper
107 100
144 29.4 23.8 35.6
142 91.6 71.9 107.9

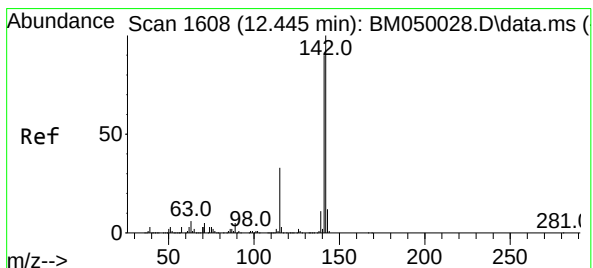
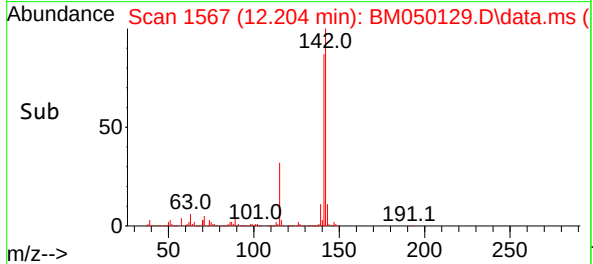
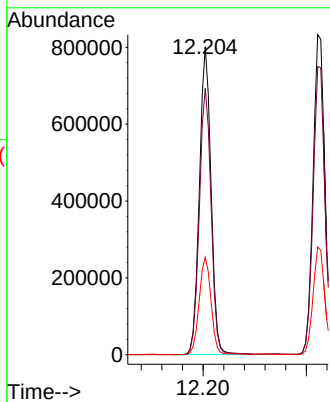
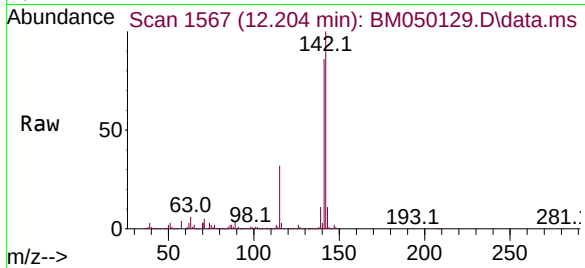




#37
2-Methylnaphthalene
Concen: 37.483 ng
RT: 12.204 min Scan# 1567
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

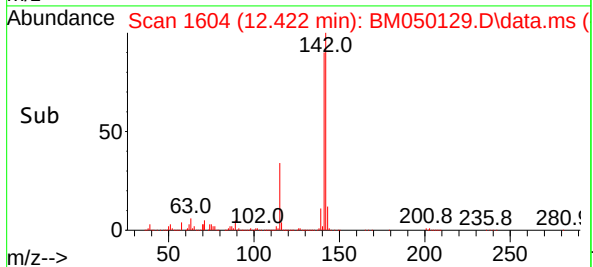
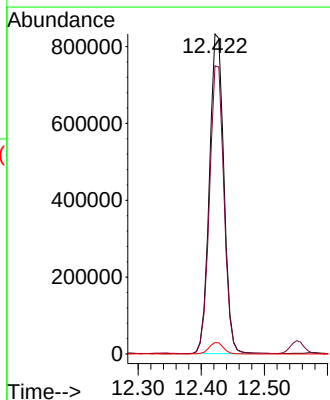
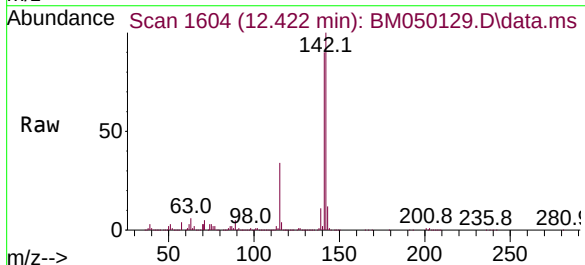
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

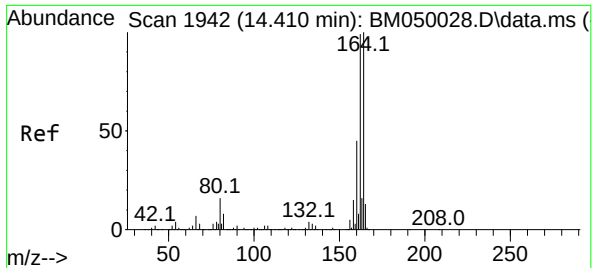
Tgt Ion:142 Resp: 1254166
Ion Ratio Lower Upper
142 100
141 86.5 70.4 105.6
115 31.6 25.4 38.2



#38
1-Methylnaphthalene
Concen: 37.416 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:142 Resp: 1324896
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1
116 3.6 2.7 4.1

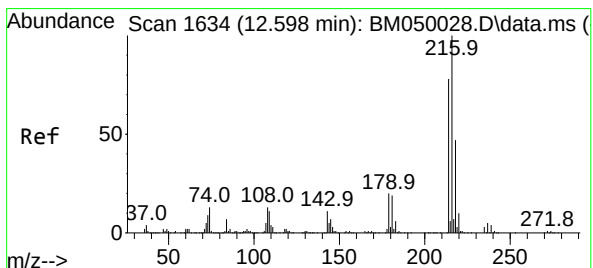
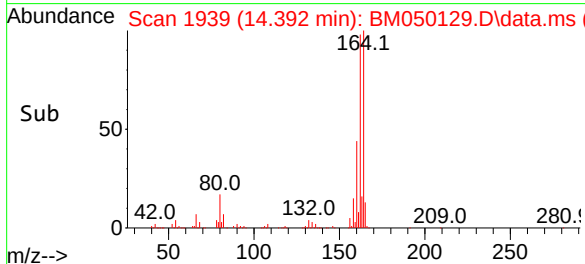
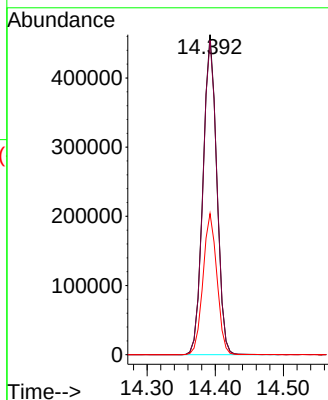
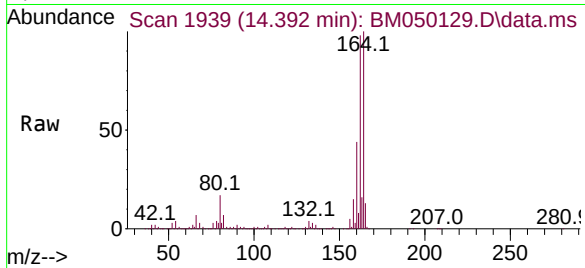




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

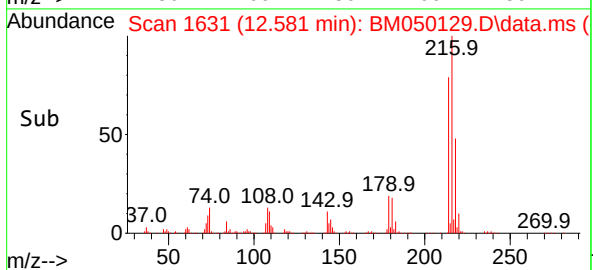
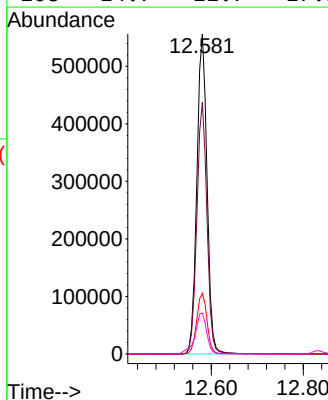
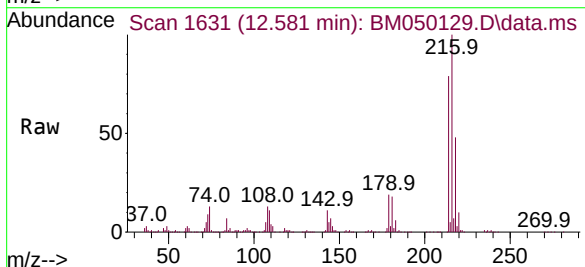
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

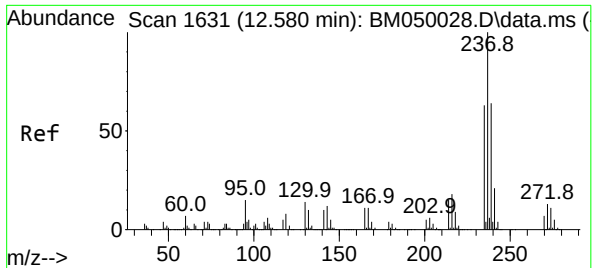
Tgt Ion:164 Resp: 648787
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 44.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.962 ng
RT: 12.581 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:216 Resp: 852610
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 19.4 15.4 23.0
108 14.7 11.7 17.5

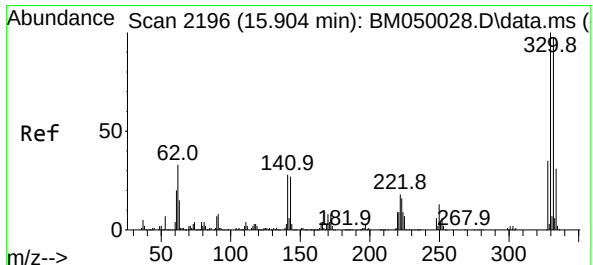
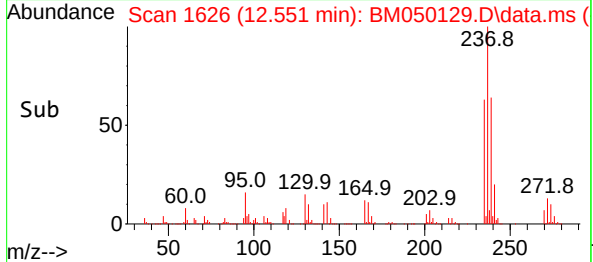
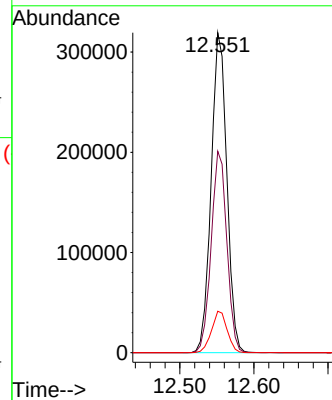
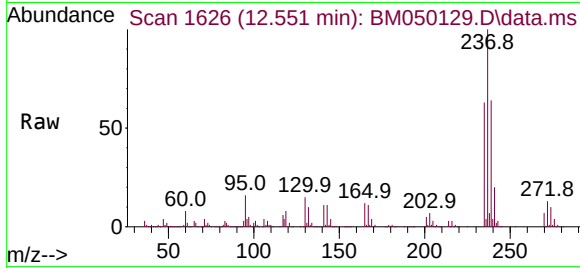




#41
Hexachlorocyclopentadiene
Concen: 34.123 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

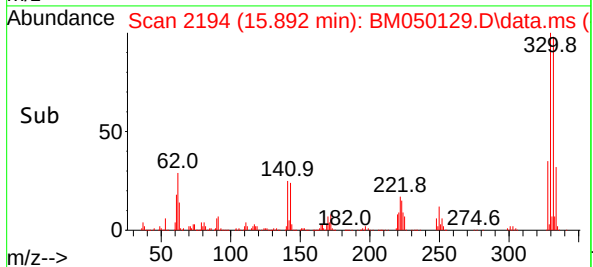
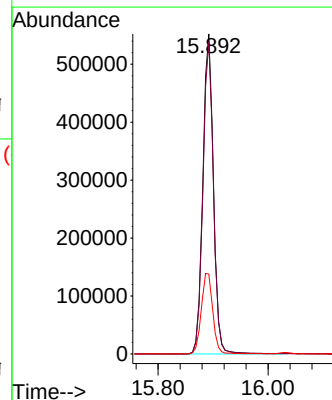
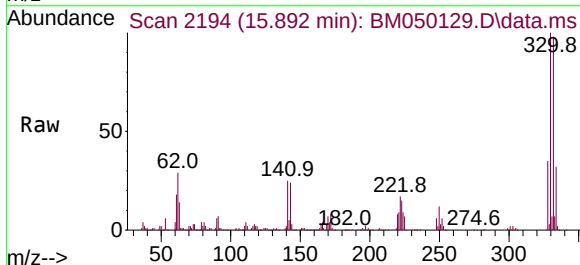
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

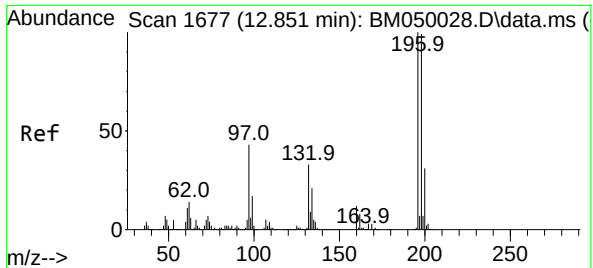
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	13.0	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 77.152 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.4	22.5	33.7





#43

2,4,6-Trichlorophenol

Concen: 39.025 ng

RT: 12.834 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

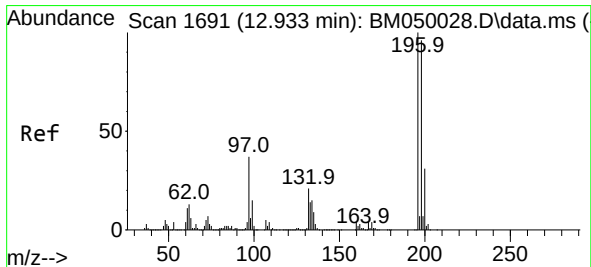
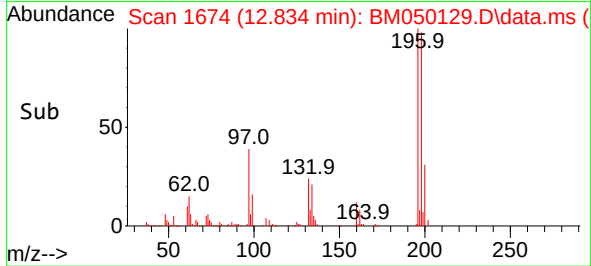
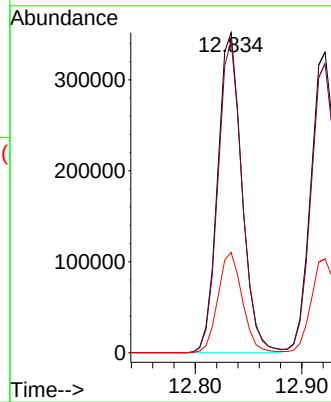
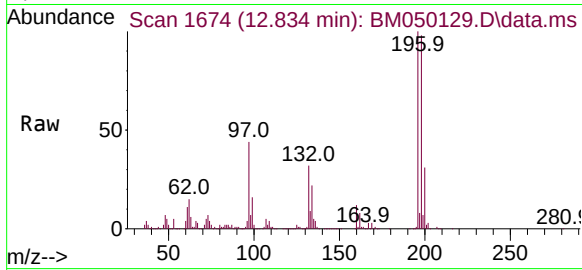
Tgt Ion:196 Resp: 555916

Ion Ratio Lower Upper

196 100

198 97.7 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 39.223 ng

RT: 12.922 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

Tgt Ion:196 Resp: 602516

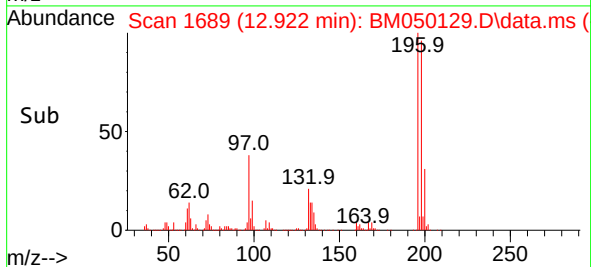
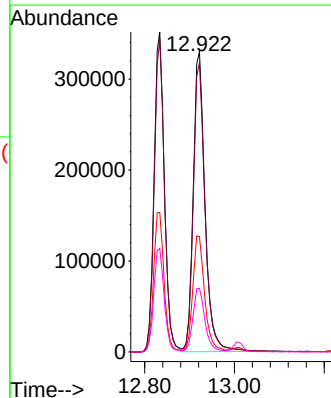
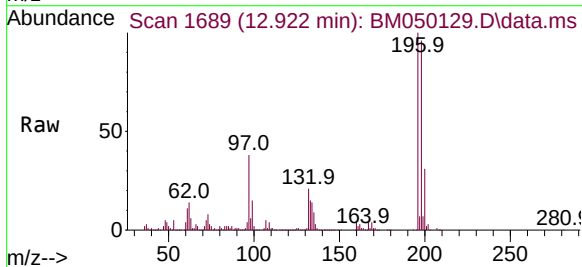
Ion Ratio Lower Upper

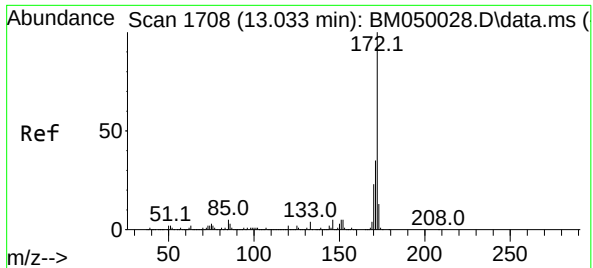
196 100

198 96.2 76.7 115.1

97 38.4 30.1 45.1

132 21.2 16.6 25.0

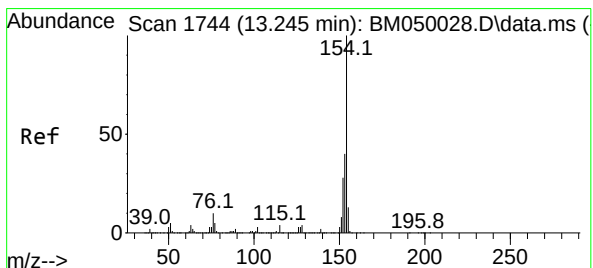
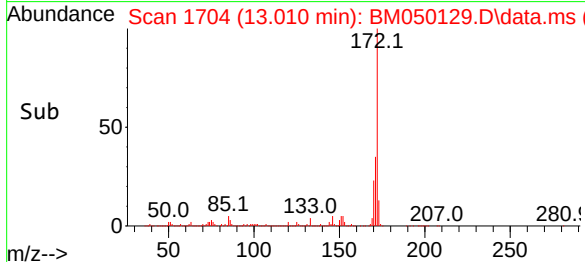
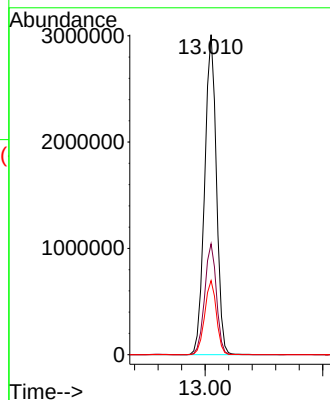
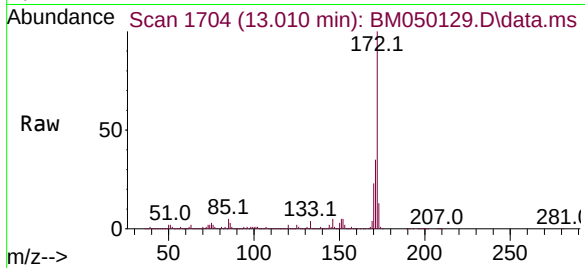




#45
2-Fluorobiphenyl
Concen: 76.285 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

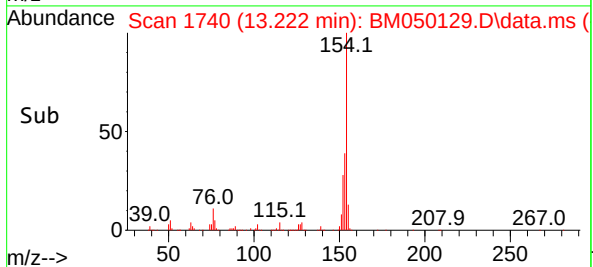
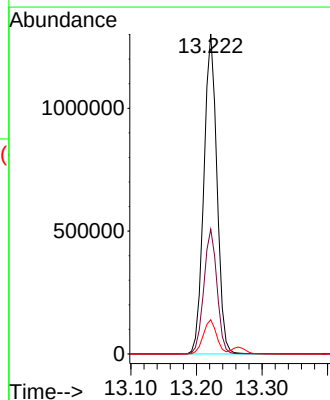
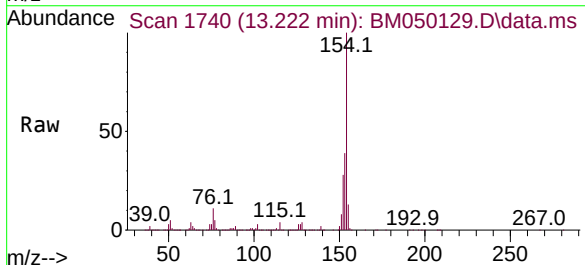
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

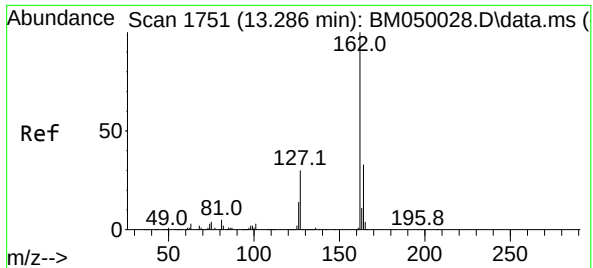
Tgt Ion:172 Resp: 4183725
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 37.665 ng
RT: 13.222 min Scan# 1740
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:154 Resp: 1816474
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 10.7 0.0 30.3

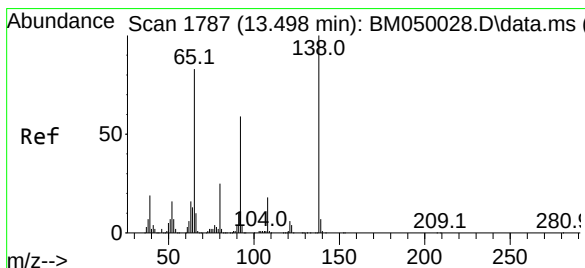
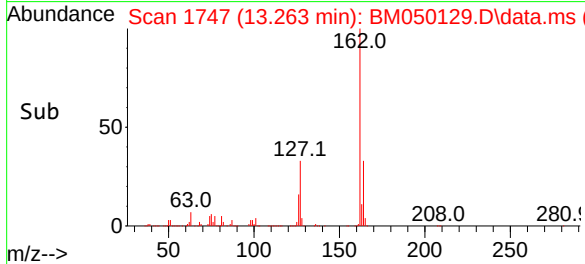
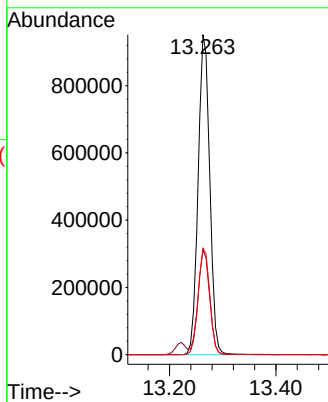
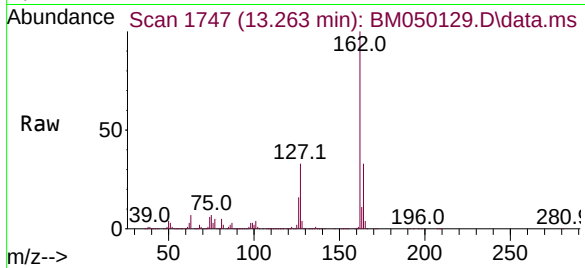




#47
2-Chloronaphthalene
Concen: 37.681 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

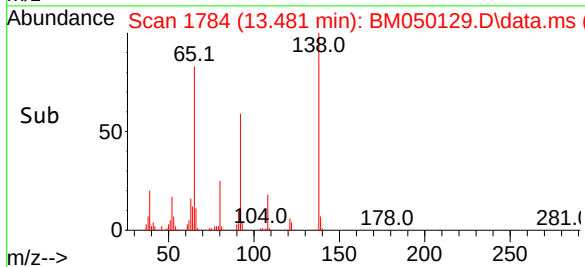
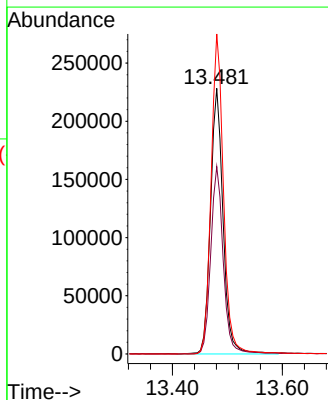
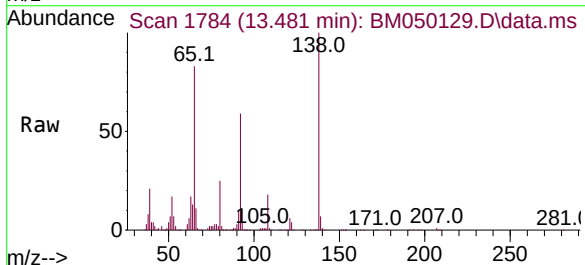
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

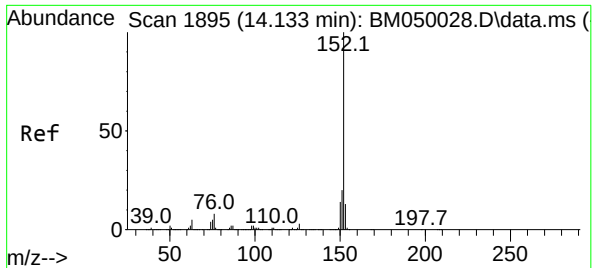
Tgt Ion:162 Resp: 1439265
Ion Ratio Lower Upper
162 100
127 32.8 25.9 38.9
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 40.448 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 65 Resp: 362607
Ion Ratio Lower Upper
65 100
92 70.6 57.1 85.7
138 120.5 97.0 145.4

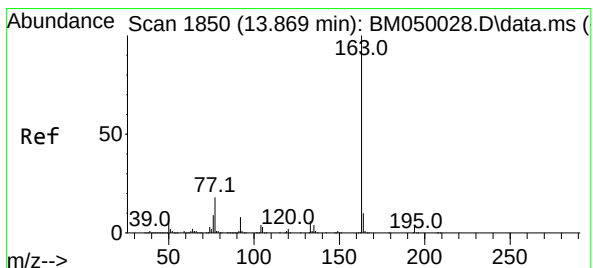
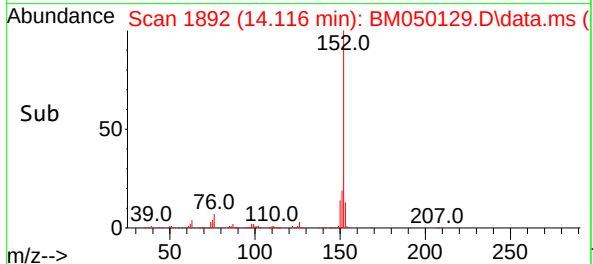
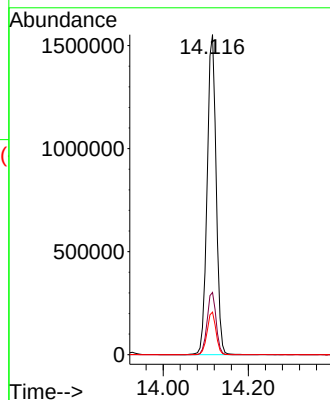
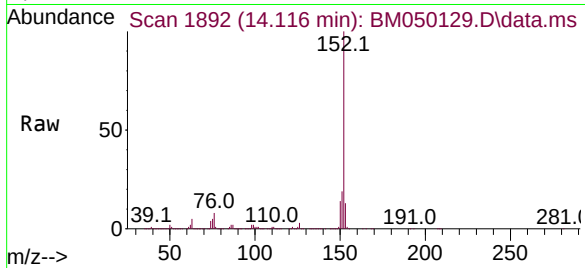




#49
Acenaphthylene
Concen: 37.758 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

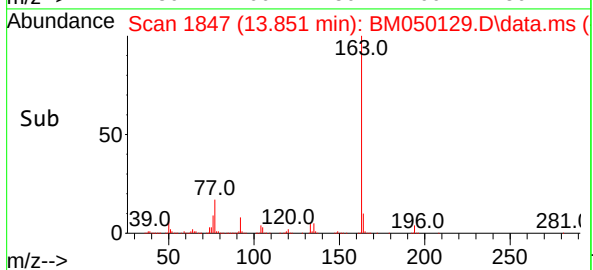
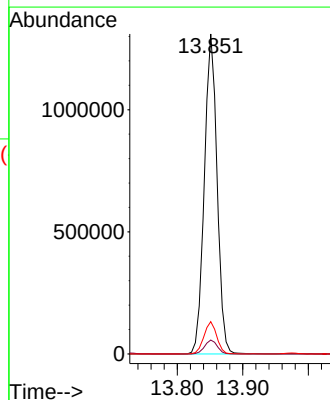
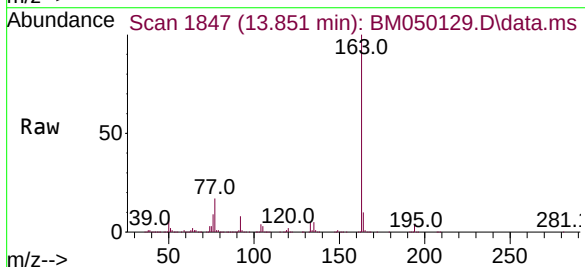
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

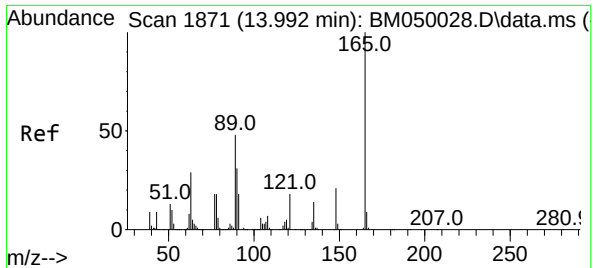
Tgt Ion:152 Resp: 2273946
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 37.481 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:163 Resp: 1777120
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.2

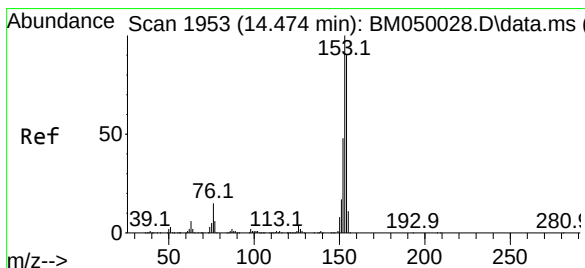
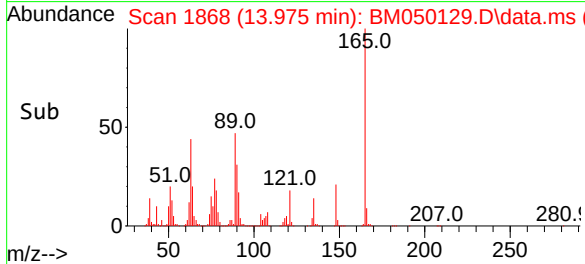
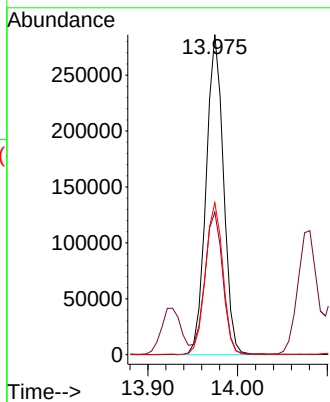
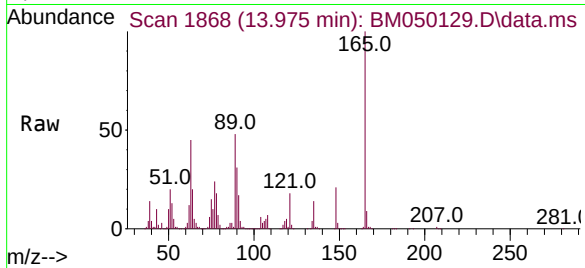




#51
2,6-Dinitrotoluene
Concen: 39.202 ng
RT: 13.975 min Scan# 1868
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

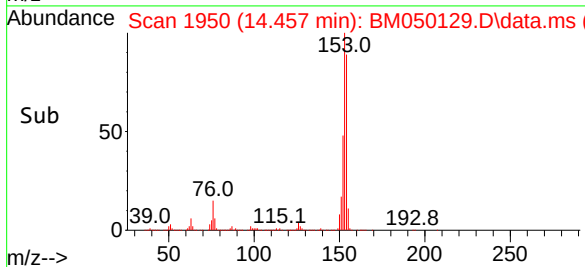
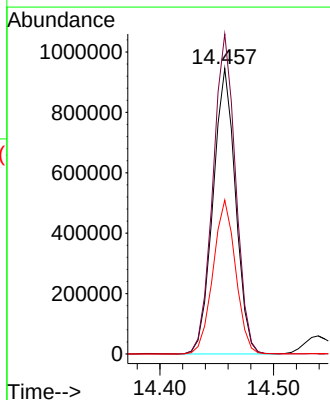
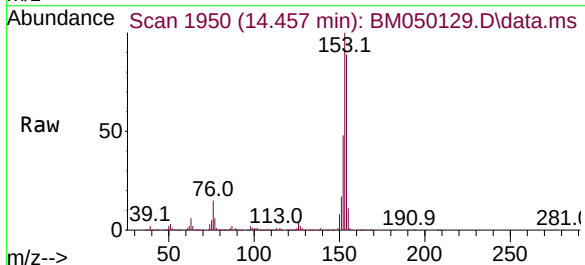
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

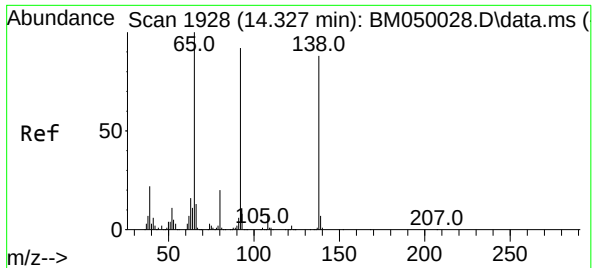
Tgt Ion:165 Resp: 384842
Ion Ratio Lower Upper
165 100
63 44.6 35.1 52.7
89 47.5 38.4 57.6



#52
Acenaphthene
Concen: 37.437 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:154 Resp: 1305026
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.4
152 53.9 43.0 64.6

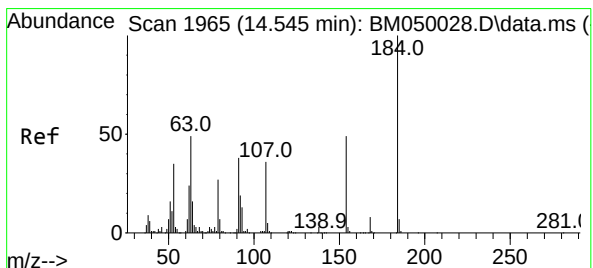
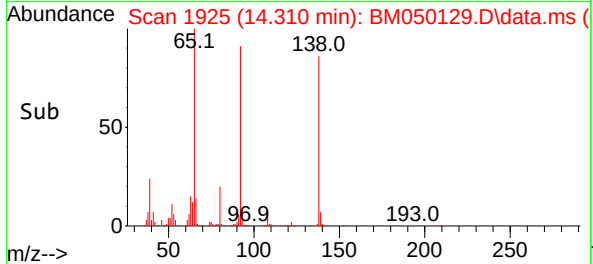
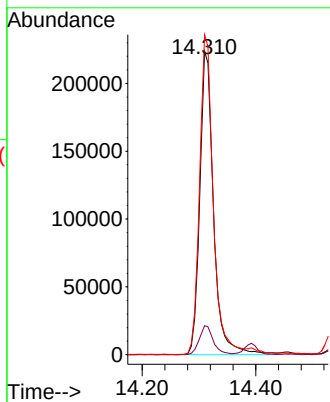
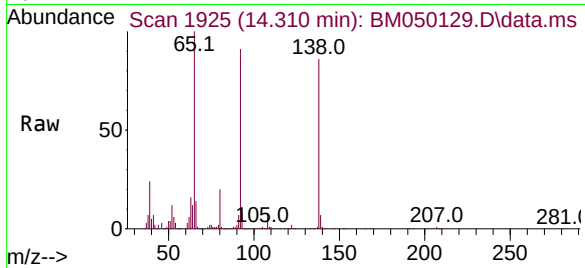




#53
3-Nitroaniline
Concen: 40.213 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

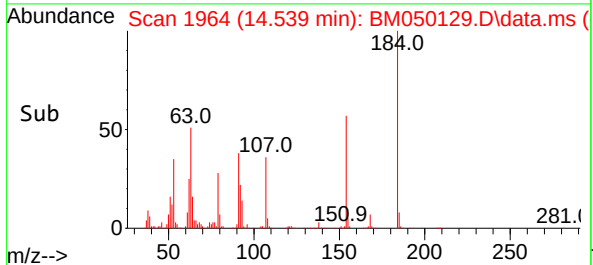
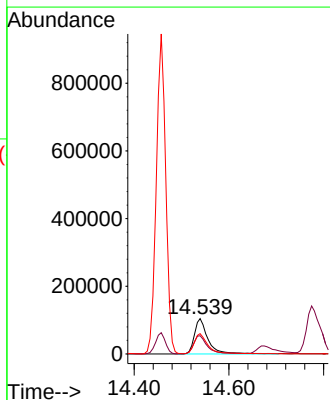
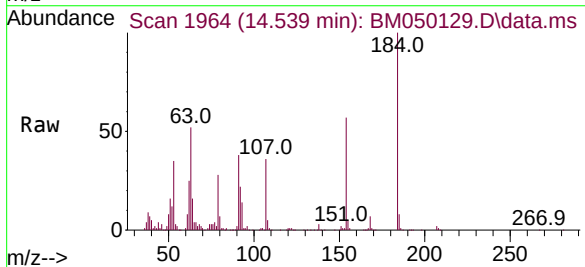
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

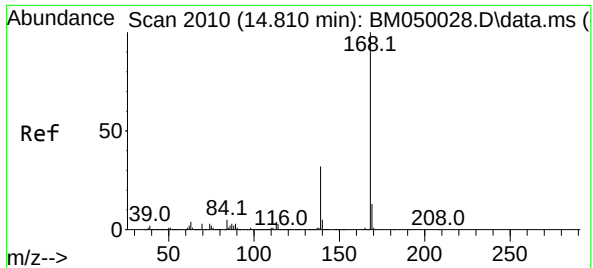
Tgt Ion:138 Resp: 376890
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 105.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 36.439 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:184 Resp: 207759
Ion Ratio Lower Upper
184 100
63 51.7 39.8 59.6
154 57.4 46.1 69.1

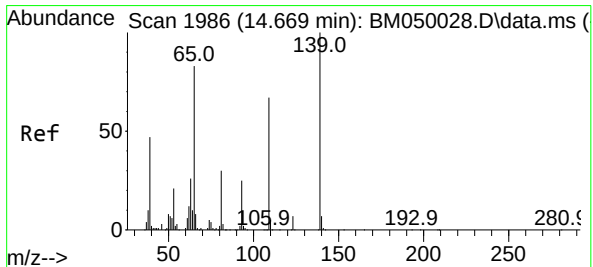
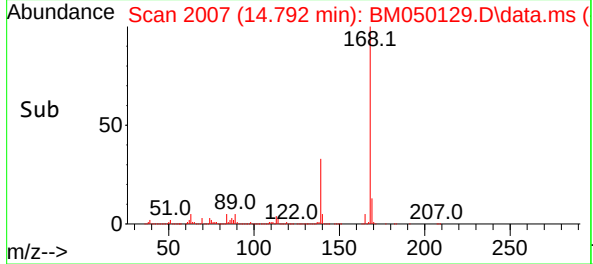
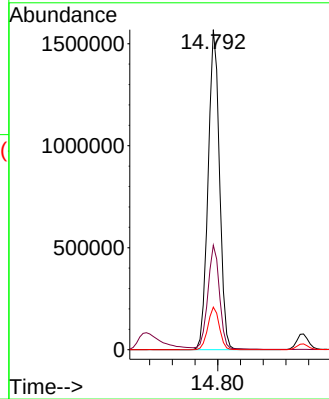
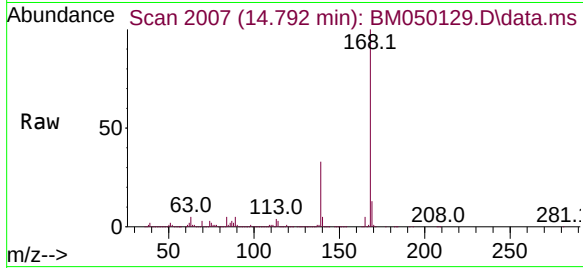




#55
Dibenzenofuran
Concen: 37.462 ng
RT: 14.792 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

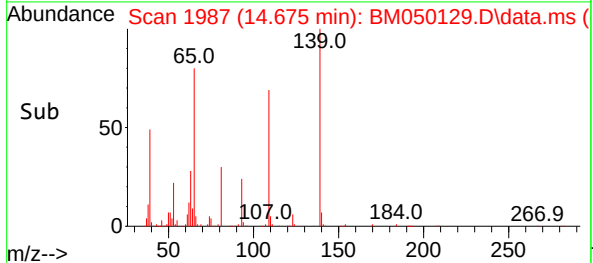
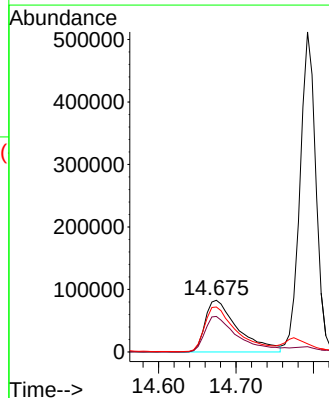
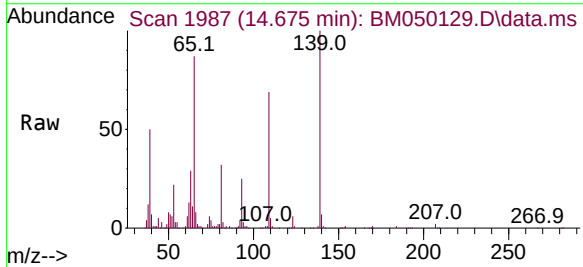
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

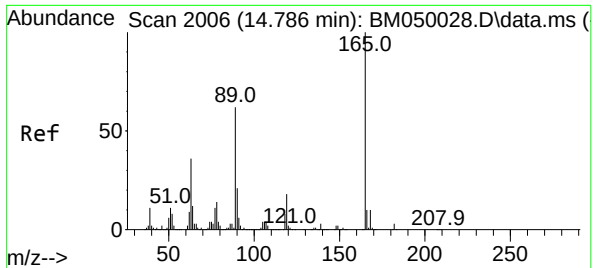
Tgt Ion:168 Resp: 2172737
Ion Ratio Lower Upper
168 100
139 32.6 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 34.800 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:139 Resp: 244642
Ion Ratio Lower Upper
139 100
109 68.6 47.0 87.0
65 86.8 64.3 104.3

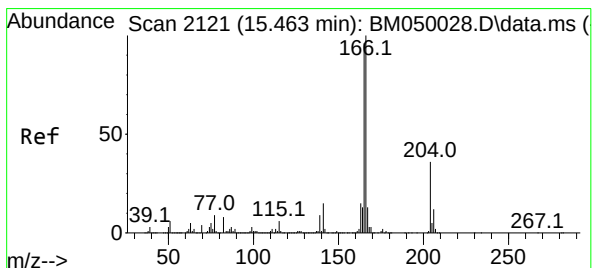
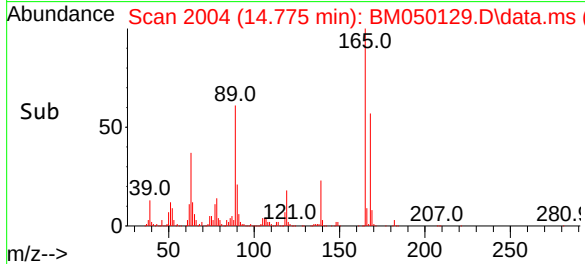
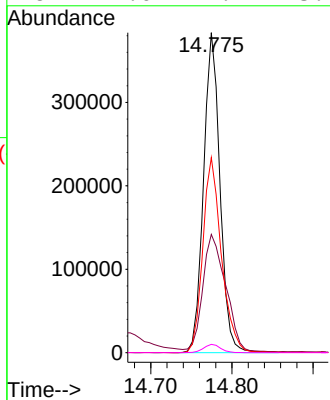
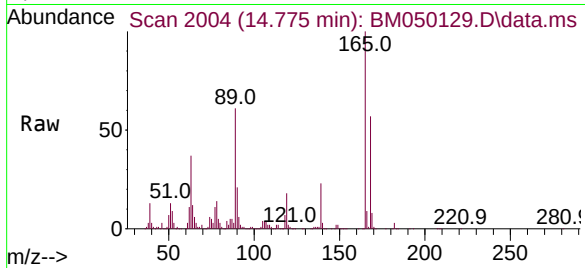




#57
2,4-Dinitrotoluene
Concen: 39.653 ng
RT: 14.775 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

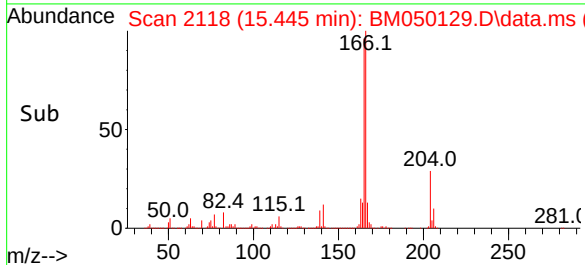
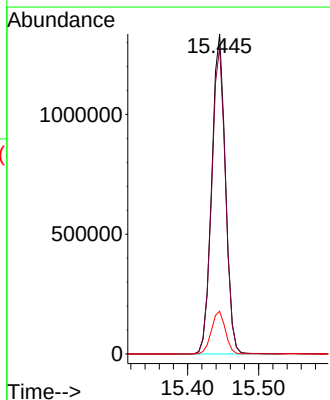
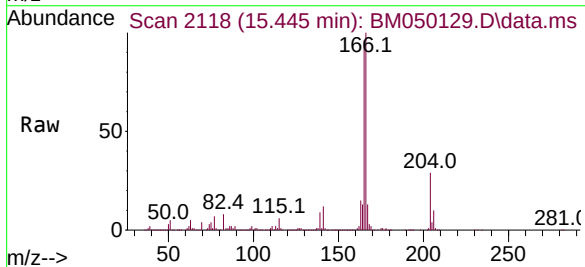
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

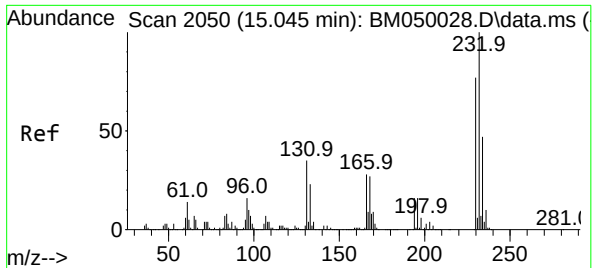
Tgt Ion:165 Resp: 537890
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 60.9 49.4 74.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 37.662 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:166 Resp: 1787962
Ion Ratio Lower Upper
166 100
165 95.9 76.6 115.0
167 13.4 10.6 16.0

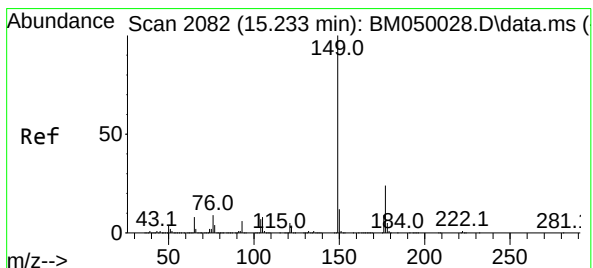
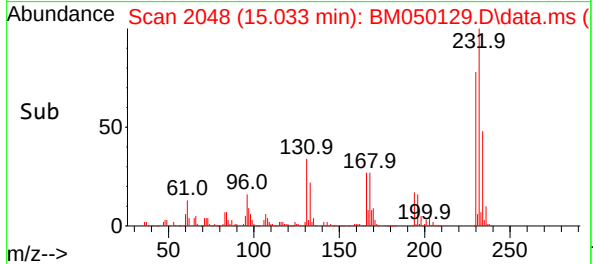
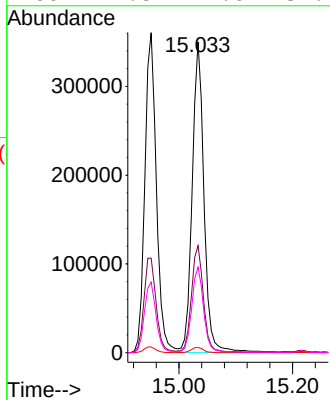
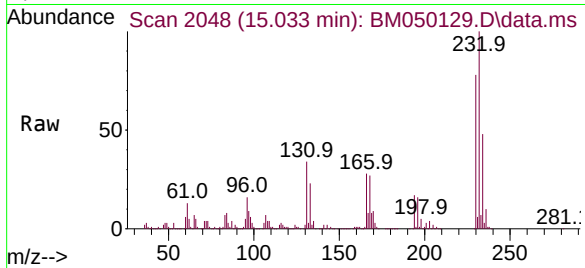




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.896 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

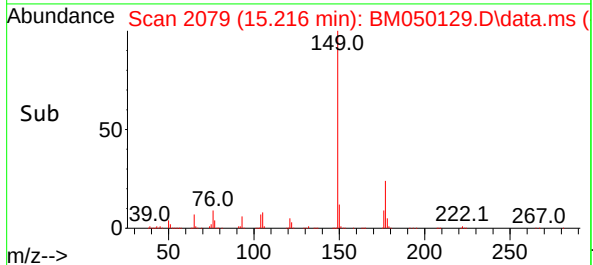
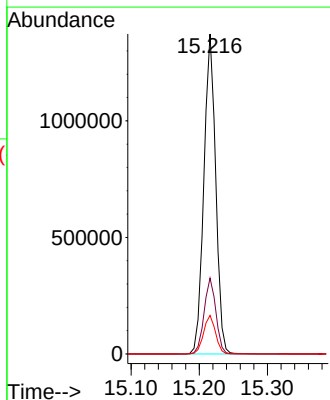
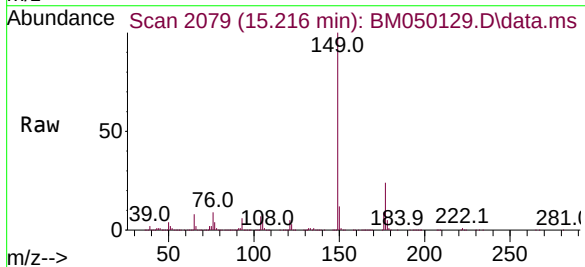
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

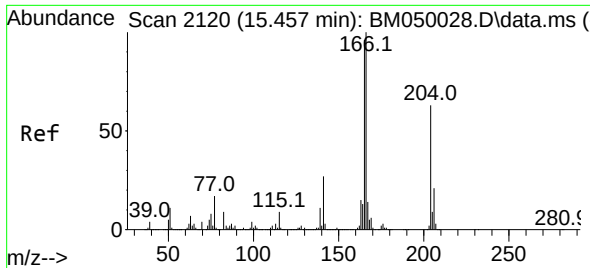
Tgt Ion:232 Resp: 503890
Ion Ratio Lower Upper
232 100
131 35.6 28.2 42.4
130 1.8 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 37.127 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1658728
Ion Ratio Lower Upper
149 100
177 23.7 19.1 28.7
150 12.1 9.6 14.4

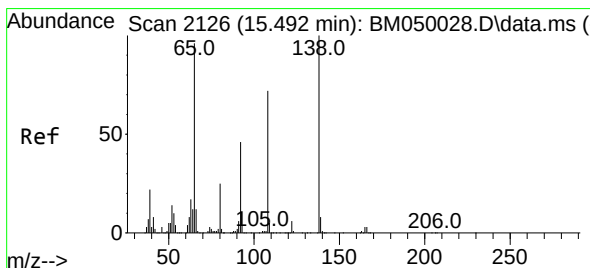
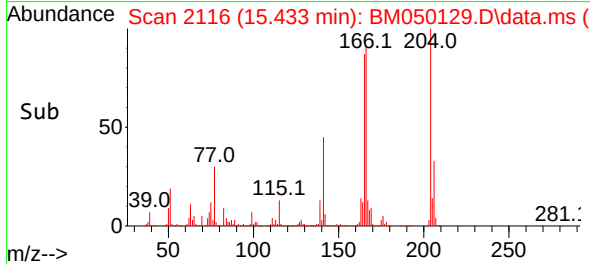
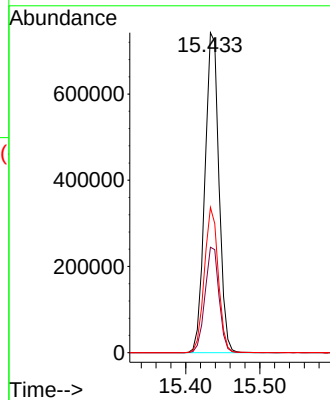
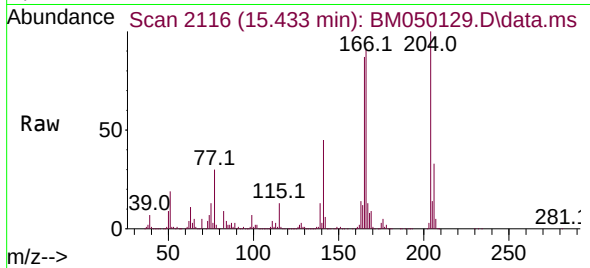




#61
4-Chlorophenyl-phenylether
Concen: 37.553 ng
RT: 15.433 min Scan# 2116
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

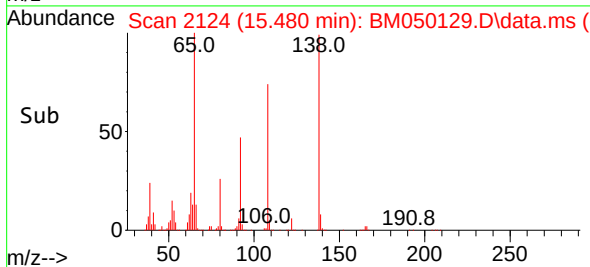
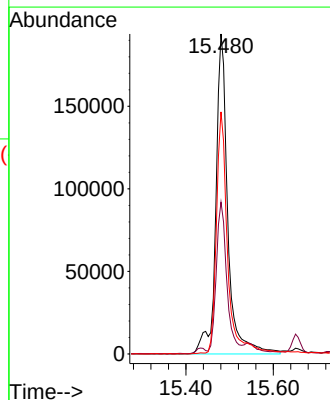
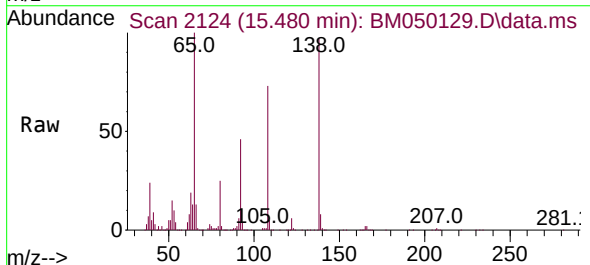
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

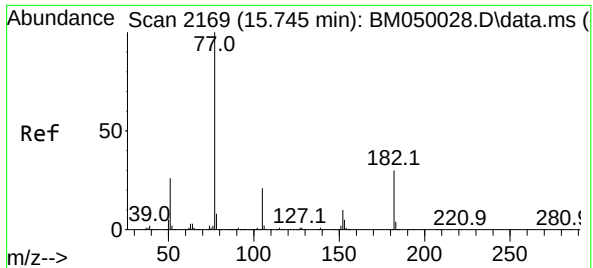
Tgt Ion:204 Resp: 979216
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 45.4 34.0 51.0



#62
4-Nitroaniline
Concen: 40.776 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:138 Resp: 368722
Ion Ratio Lower Upper
138 100
92 47.4 25.9 65.9
108 75.6 52.4 92.4

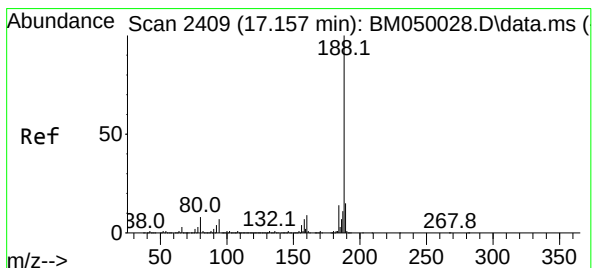
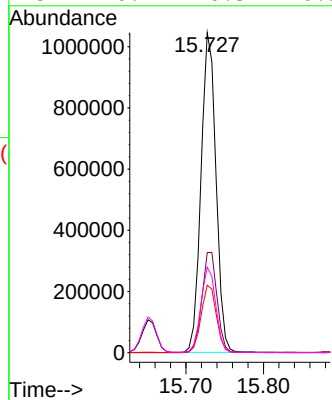
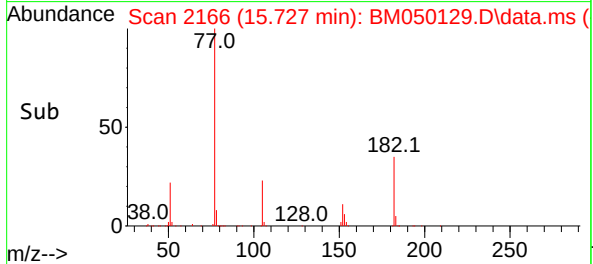
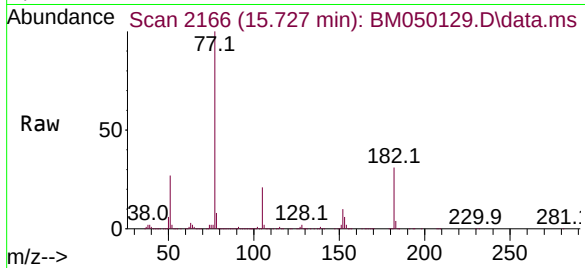




#63
Azobenzene
Concen: 37.357 ng
RT: 15.727 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

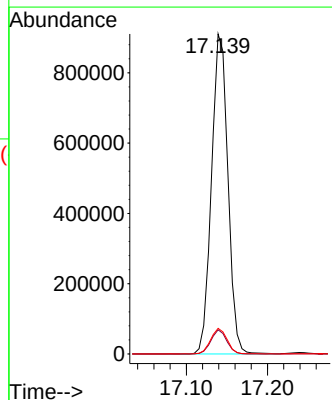
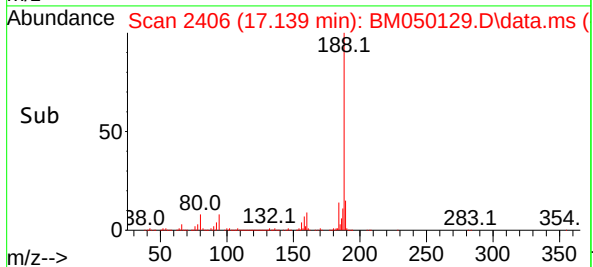
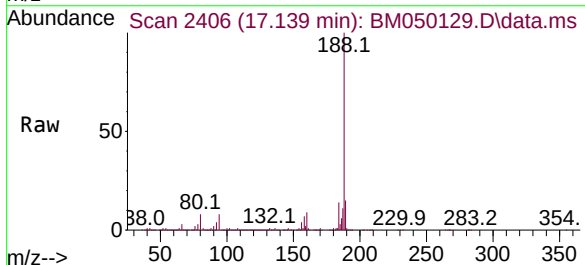
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

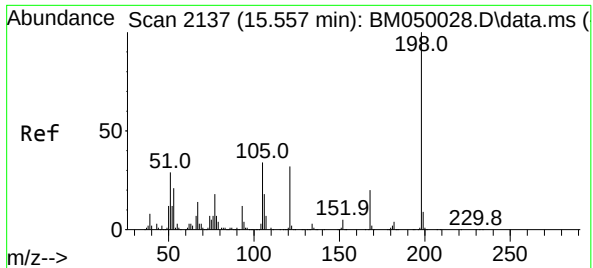
Tgt Ion: 77 Resp: 1398756
Ion Ratio Lower Upper
77 100
182 31.3 10.5 50.5
105 21.1 1.1 41.1
51 26.7 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:188 Resp: 1276061
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.0 6.2 9.4

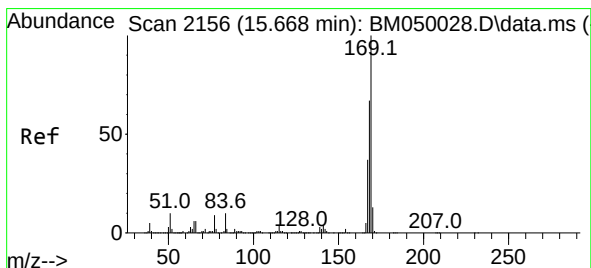
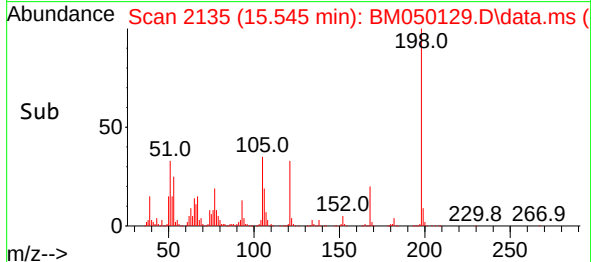
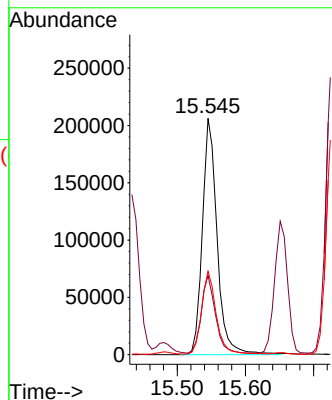
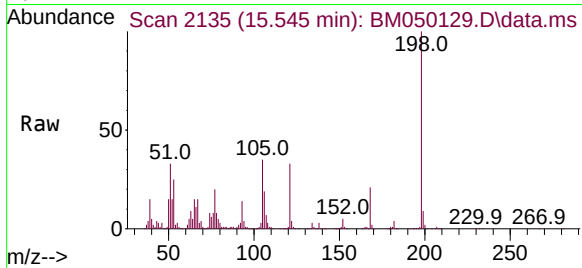




#65
4,6-Dinitro-2-methylphenol
Concen: 38.782 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

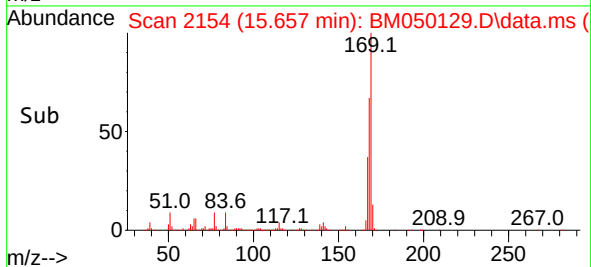
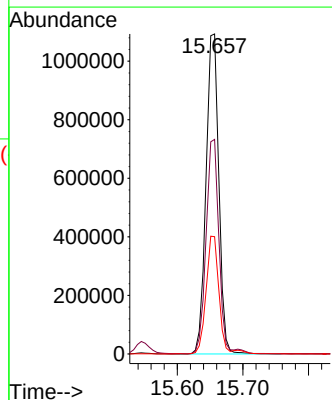
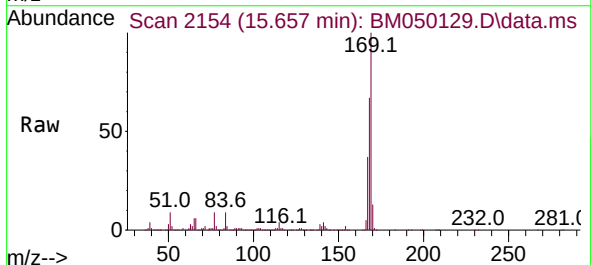
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

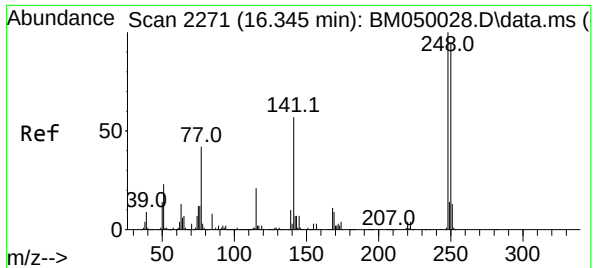
Tgt Ion:198 Resp: 309774
Ion Ratio Lower Upper
198 100
51 33.4 10.4 50.4
105 35.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 37.972 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:169 Resp: 1487921
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.4 44.0

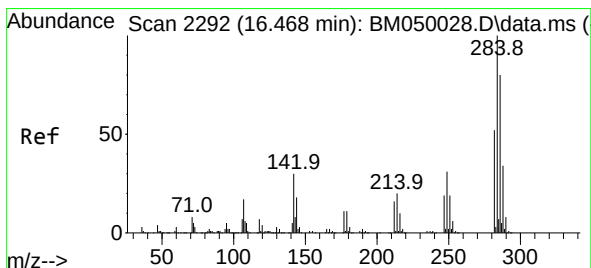
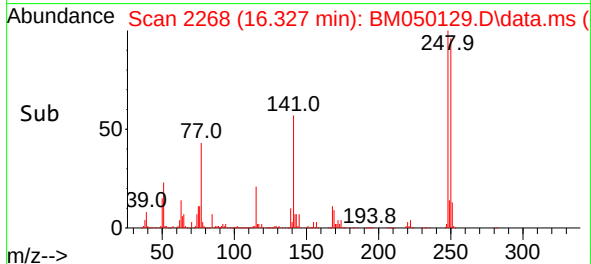
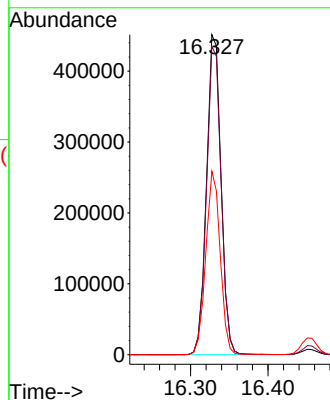
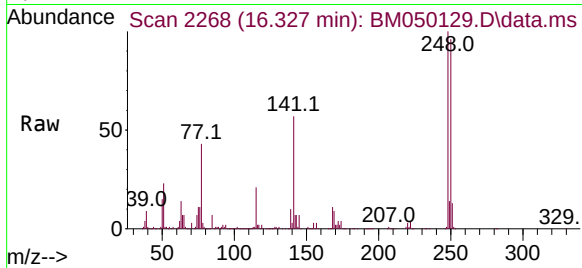




#67
4-Bromophenyl-phenylether
Concen: 38.030 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

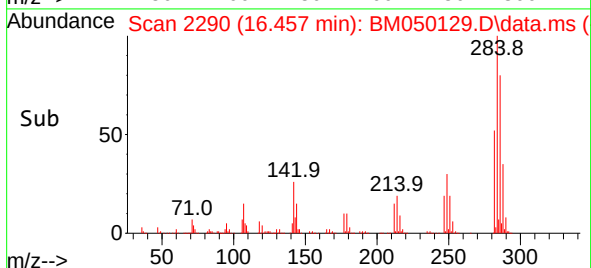
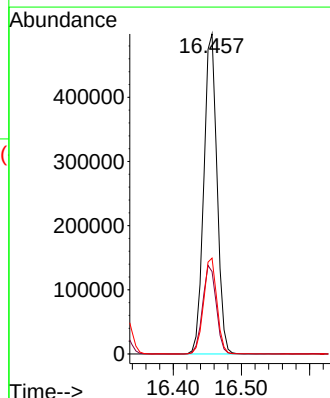
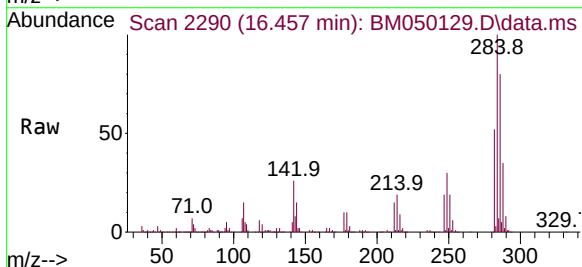
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

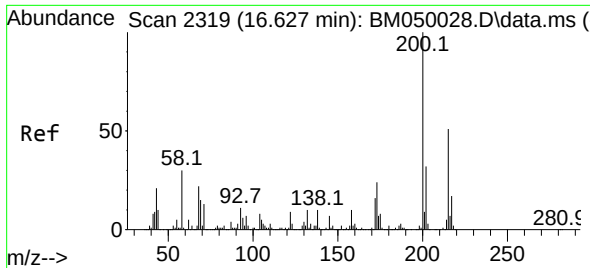
Tgt Ion:248 Resp: 586846
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 57.3 45.9 68.9



#68
Hexachlorobenzene
Concen: 37.749 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:284 Resp: 671453
Ion Ratio Lower Upper
284 100
142 25.7 23.9 35.9
249 29.9 24.5 36.7

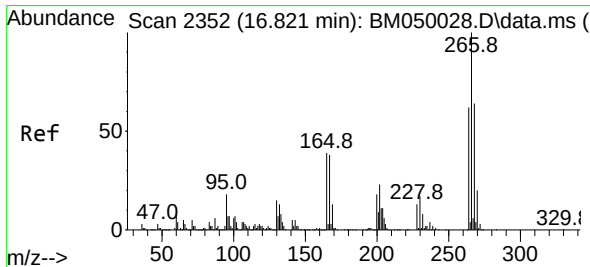
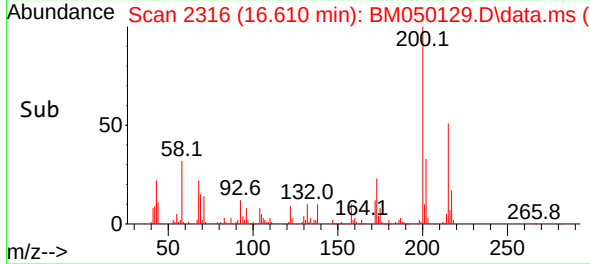
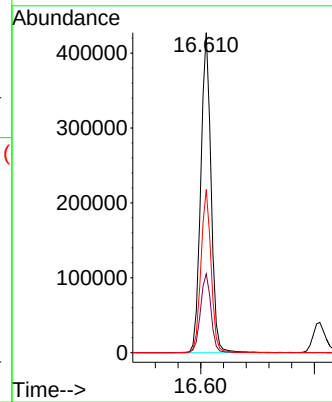
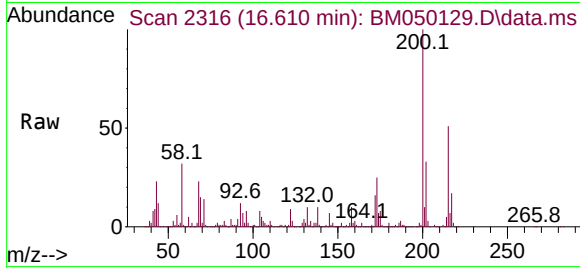




#69
Atrazine
Concen: 38.139 ng
RT: 16.610 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

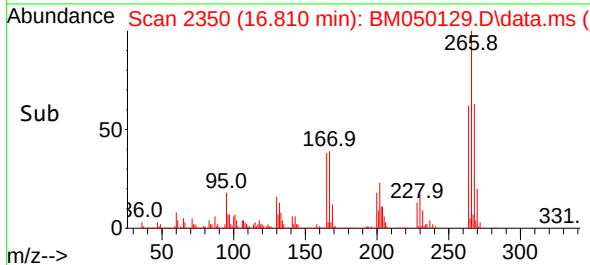
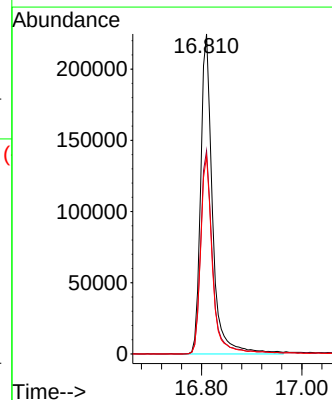
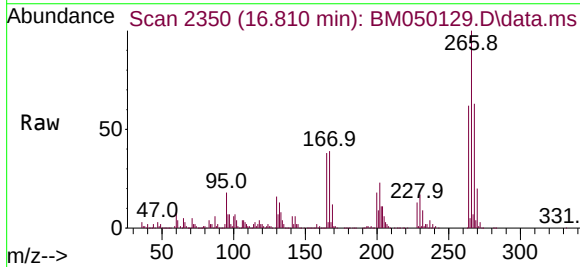
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

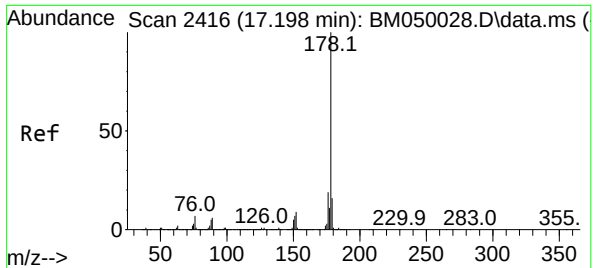
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.3	44.3
215	51.0	30.6	70.6



#70
Pentachlorophenol
Concen: 36.772 ng
RT: 16.810 min Scan# 2350
Delta R.T. -0.011 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.2	76.8
264	61.9	49.6	74.4

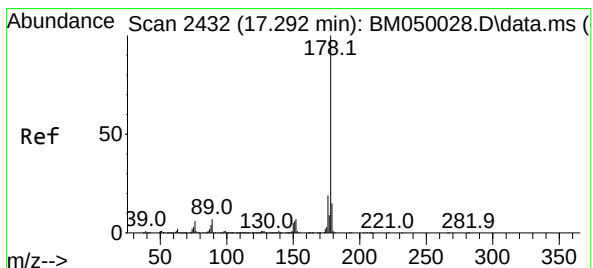
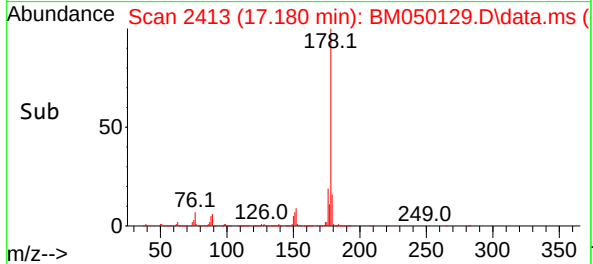
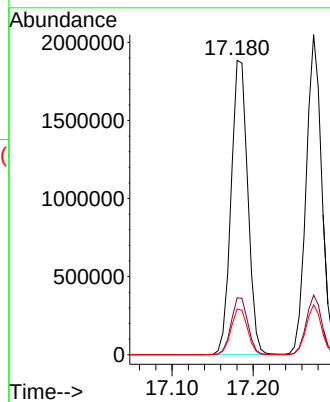
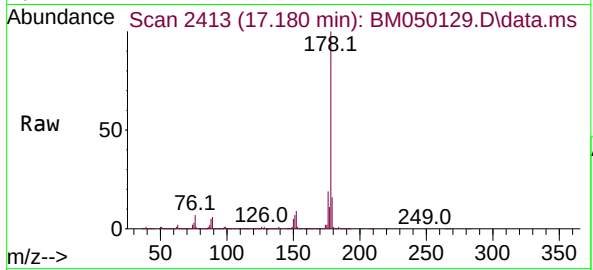




#71
Phenanthrene
Concen: 37.320 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

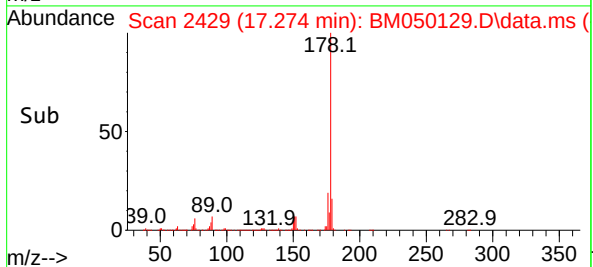
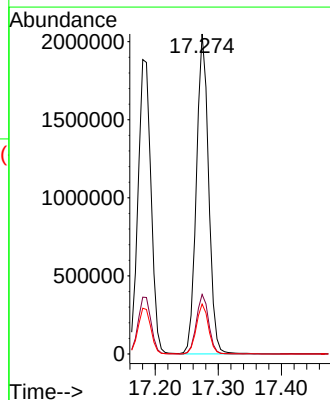
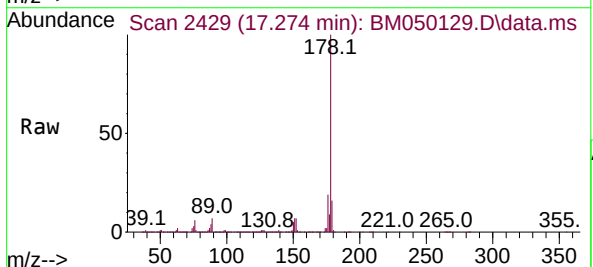
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

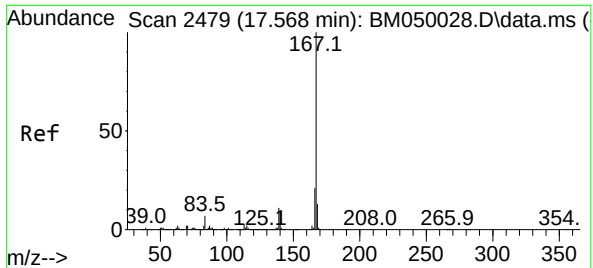
Tgt Ion:178 Resp: 2685945
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 37.713 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:178 Resp: 2746787
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.2 18.4

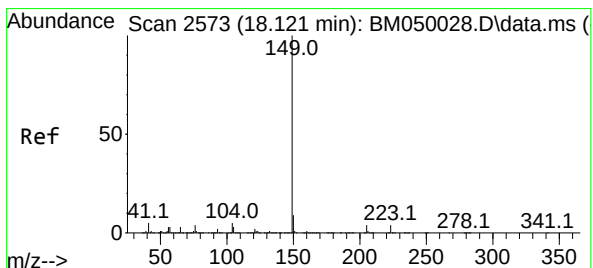
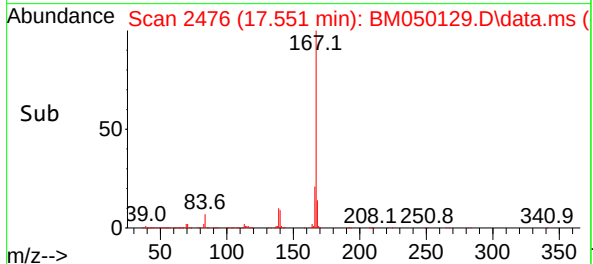
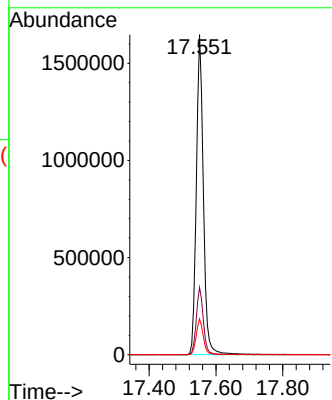
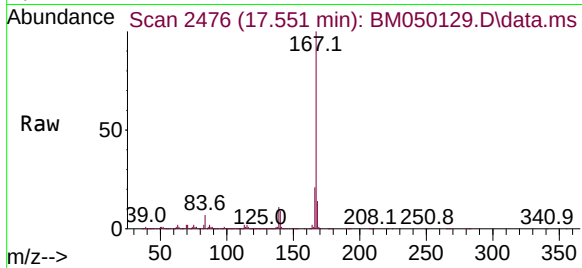




#73
Carbazole
Concen: 38.410 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

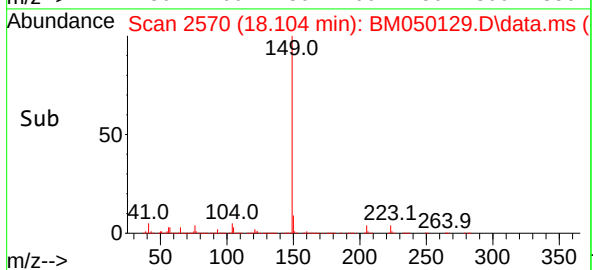
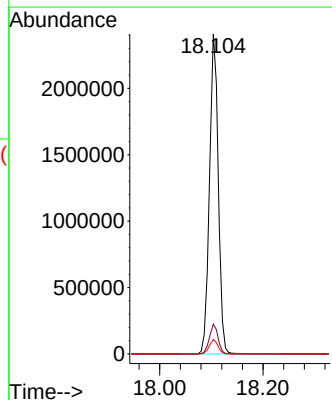
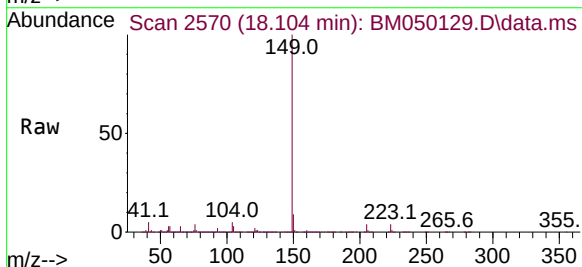
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

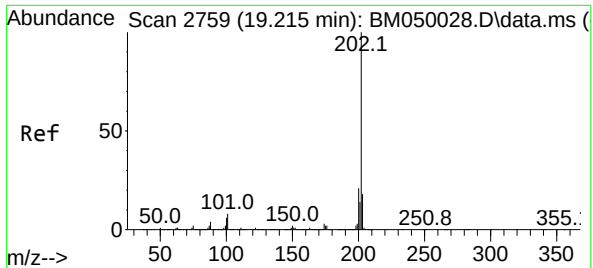
Tgt Ion:167 Resp: 2427561
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 11.2 9.0 13.6



#74
Di-n-butylphthalate
Concen: 37.714 ng
RT: 18.104 min Scan# 2570
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 2838617
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.5 3.8 5.6

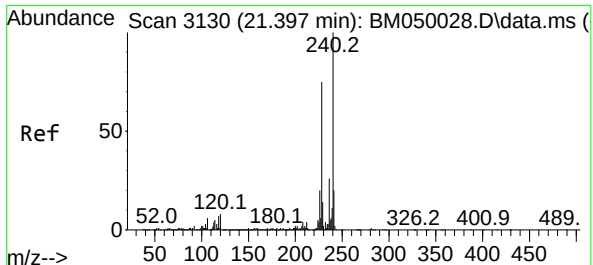
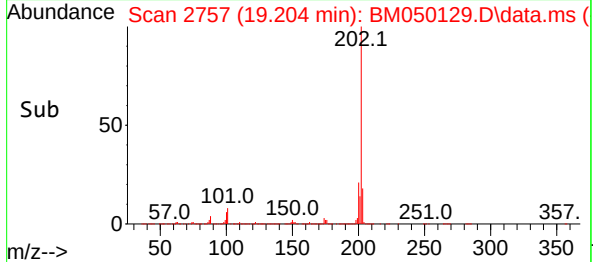
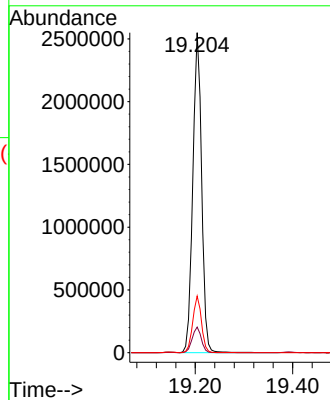
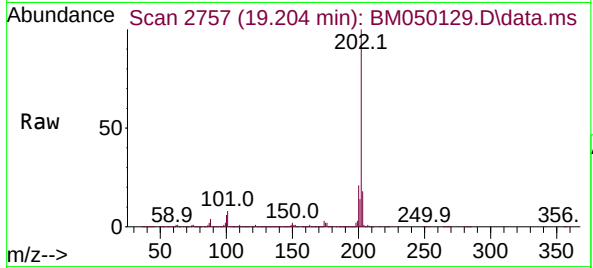




#75
Fluoranthene
Concen: 37.983 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

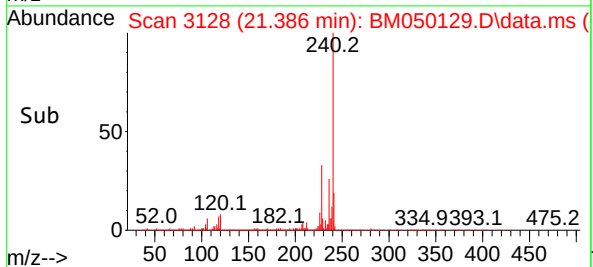
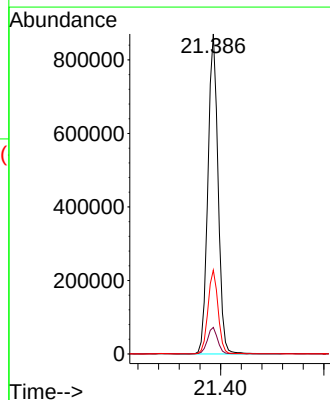
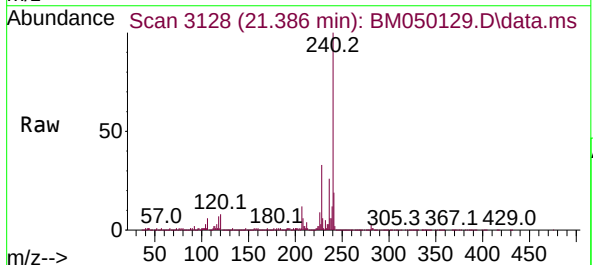
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

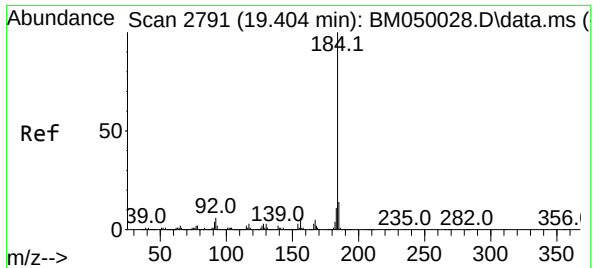
Tgt Ion:202 Resp: 3209490
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:240 Resp: 1188727
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.2 20.9 31.3

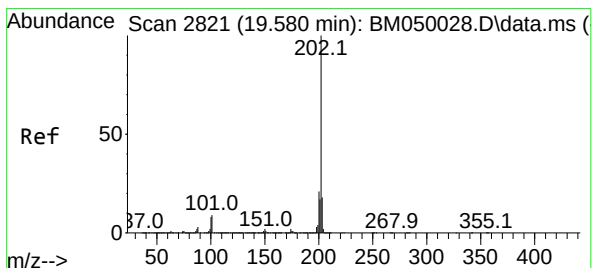
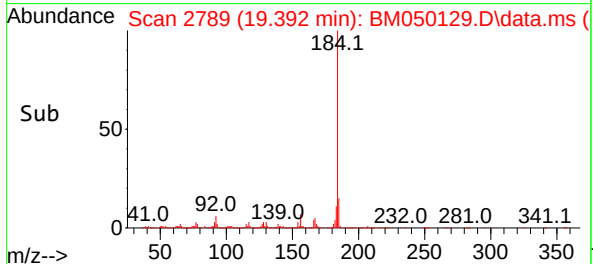
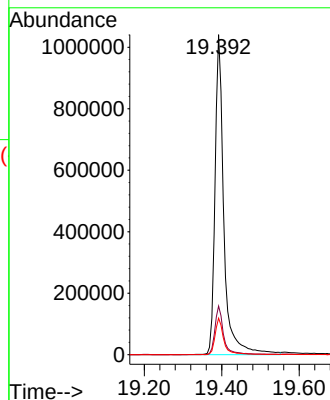
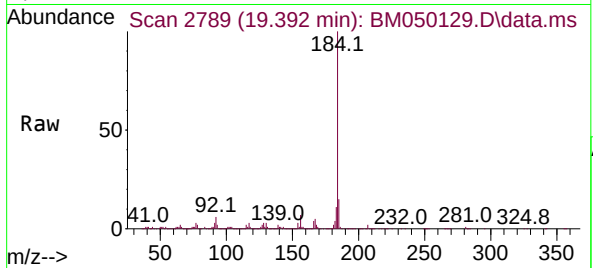




#77
Benzidine
Concen: 39.198 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

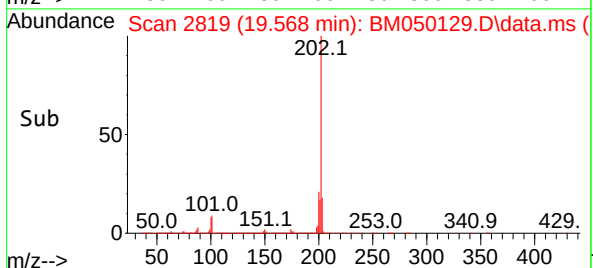
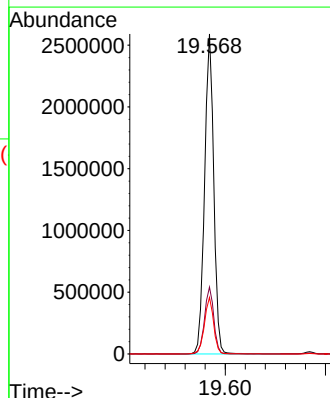
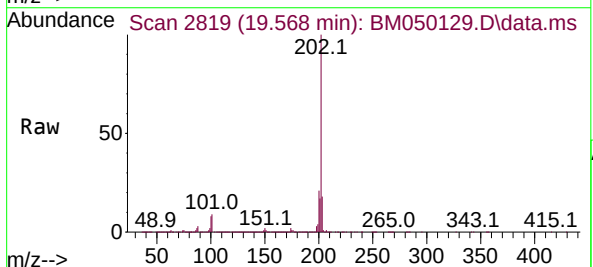
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

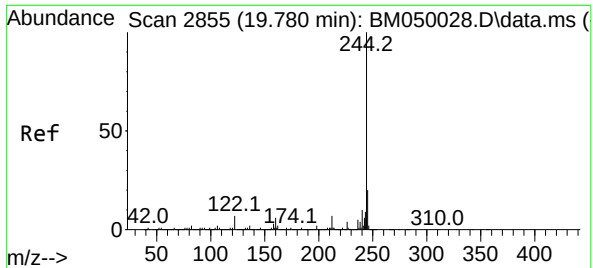
Tgt Ion:184 Resp: 1655106
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.4 8.9 13.3



#78
Pyrene
Concen: 39.346 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:202 Resp: 3284421
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 14.1 21.1

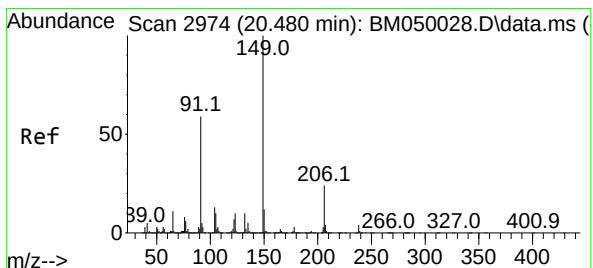
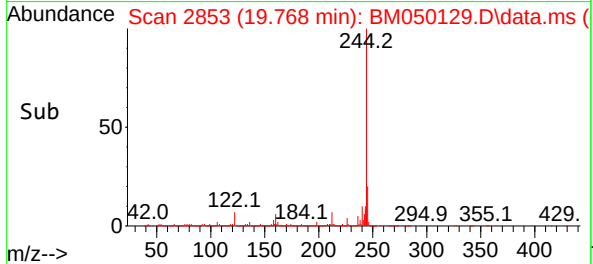
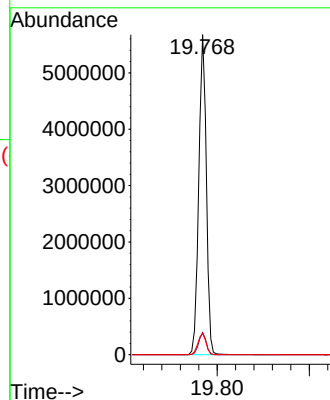
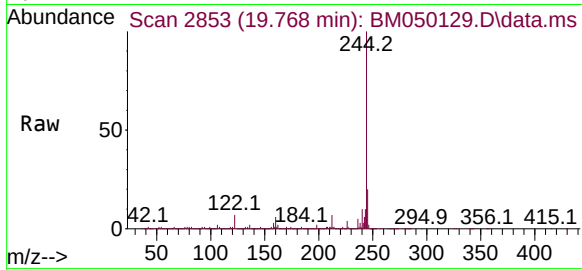




#79
Terphenyl-d14
Concen: 79.988 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

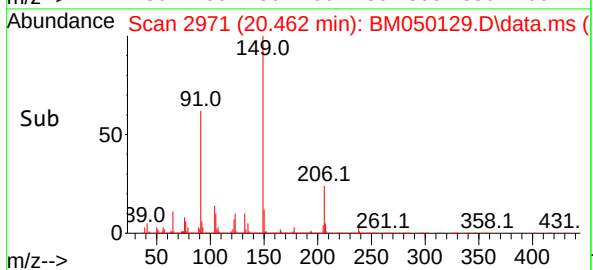
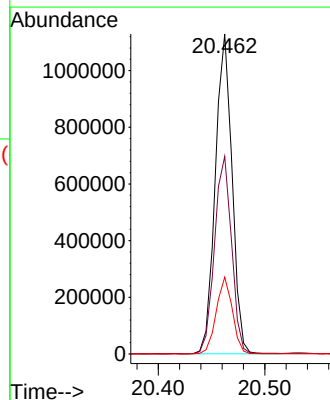
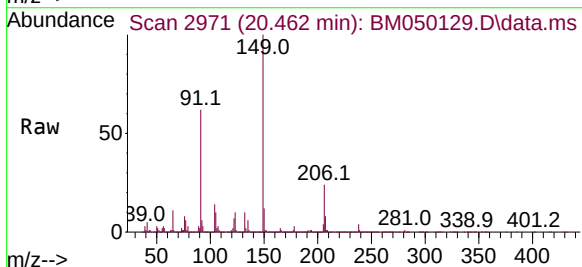
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

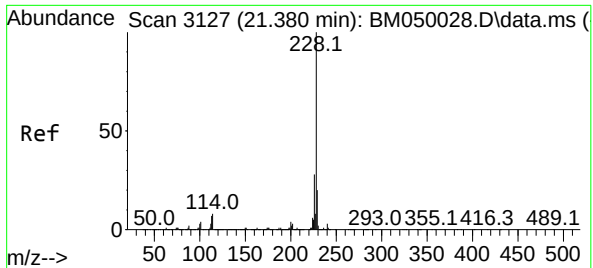
Tgt Ion:244 Resp: 6425682
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 39.331 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1229679
Ion Ratio Lower Upper
149 100
91 61.8 47.4 71.2
206 24.0 19.4 29.0

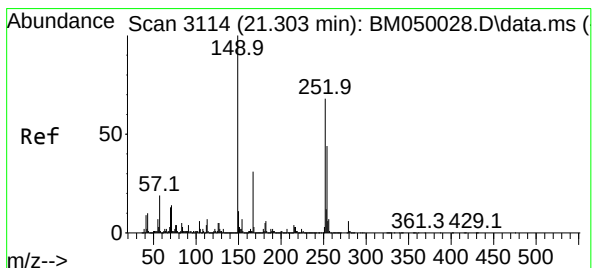
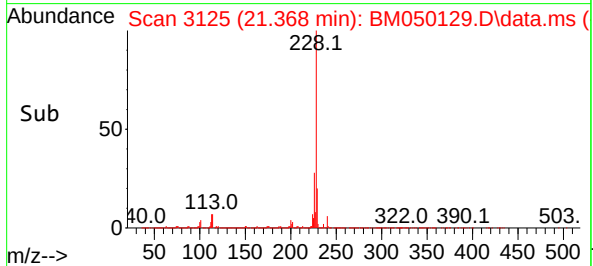
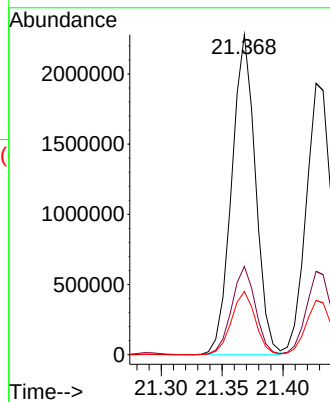
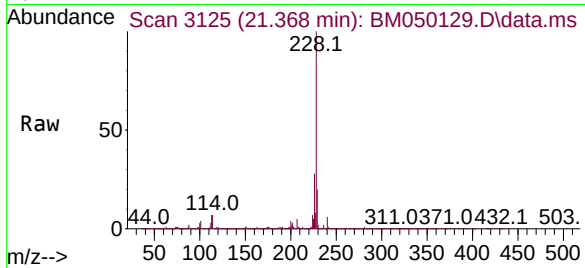




#81
Benzo(a)anthracene
Concen: 37.728 ng
RT: 21.368 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

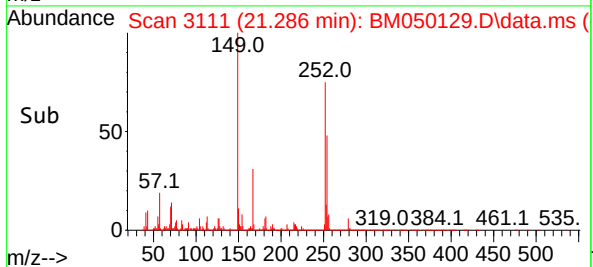
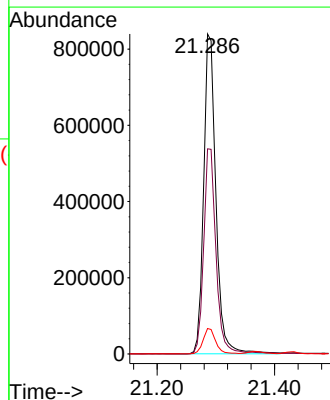
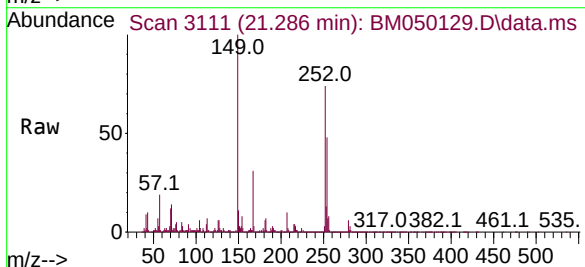
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

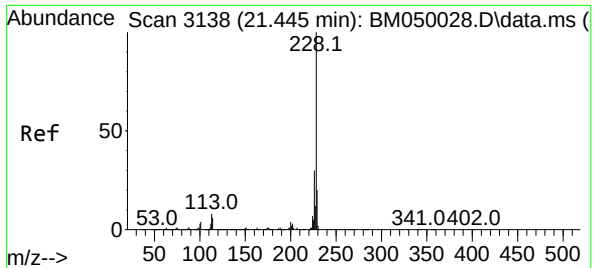
Tgt Ion:228 Resp: 3088369
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 38.795 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:252 Resp: 1215688
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 7.9 6.0 9.0

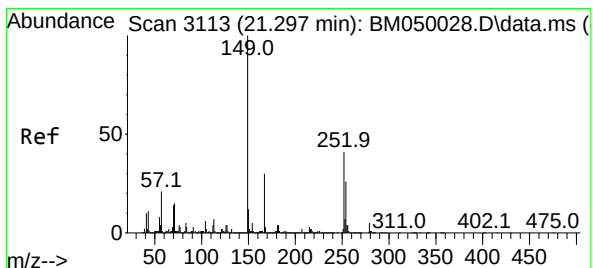
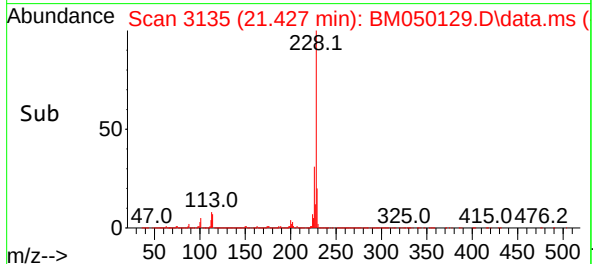
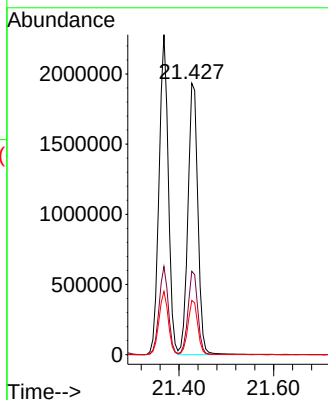
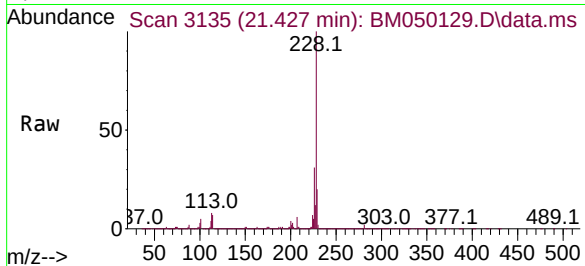




#83
Chrysene
Concen: 37.130 ng
RT: 21.427 min Scan# 3110
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

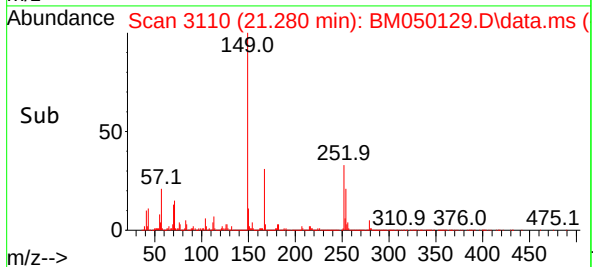
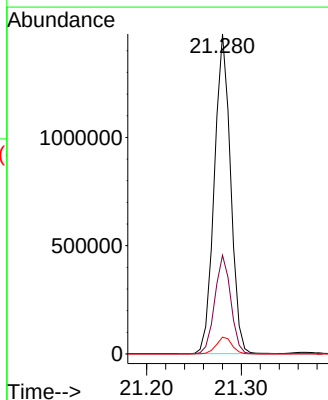
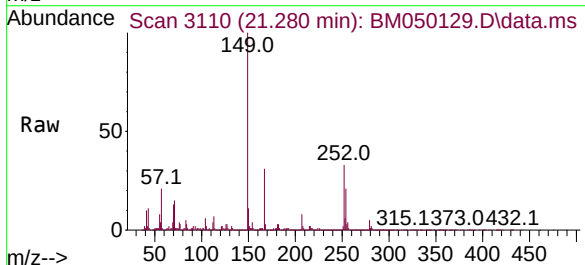
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

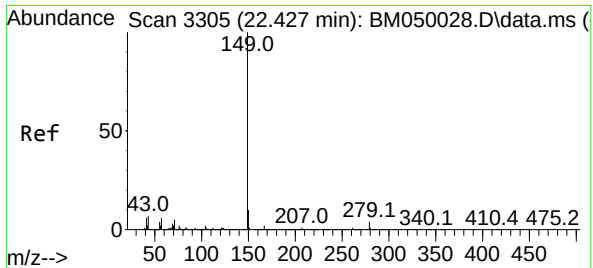
Tgt Ion:228 Resp: 2813027
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.692 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1760201
Ion Ratio Lower Upper
149 100
167 30.8 24.1 36.1
279 5.2 3.9 5.9

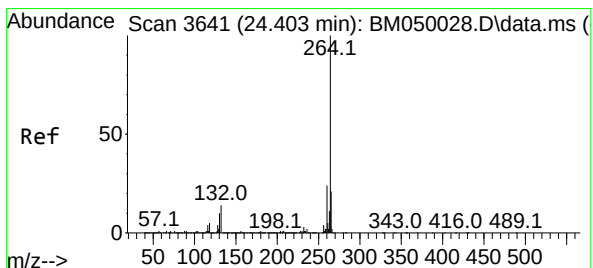
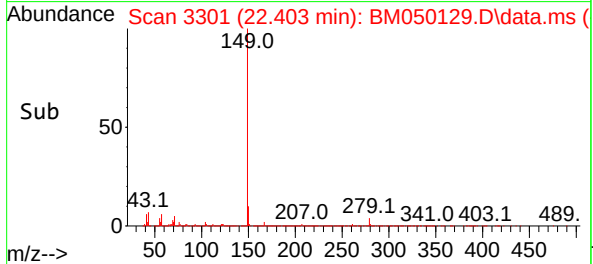
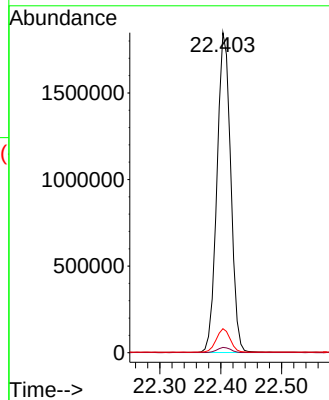
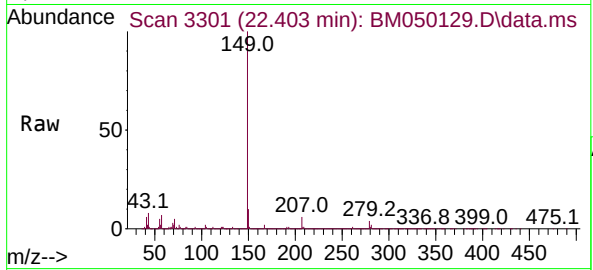




#85
Di-n-octyl phthalate
Concen: 37.435 ng
RT: 22.403 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

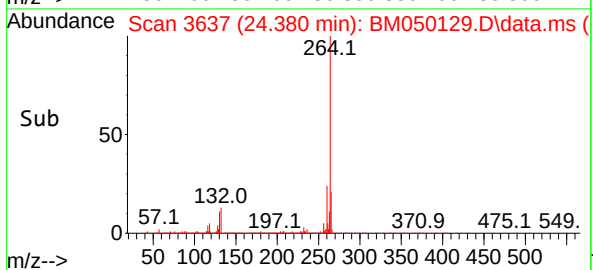
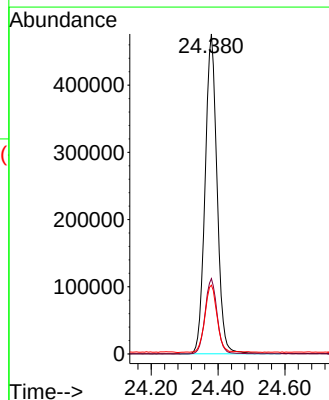
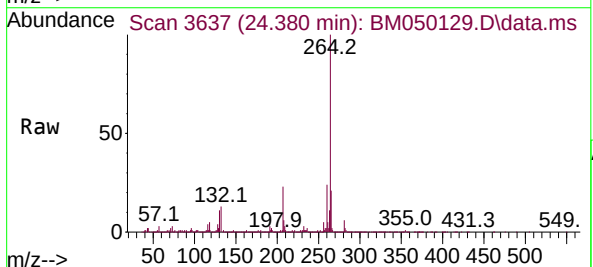
Instrument :
BNA_M
ClientSampleId :
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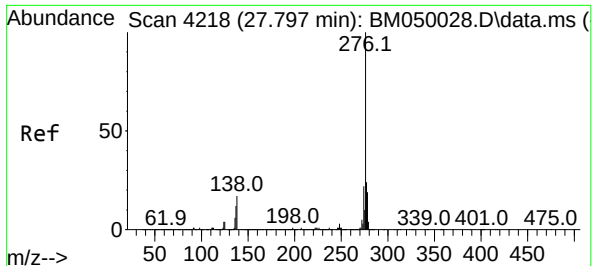
Tgt Ion:149 Resp: 2883032
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:264 Resp: 1179190
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.5 17.0 25.4

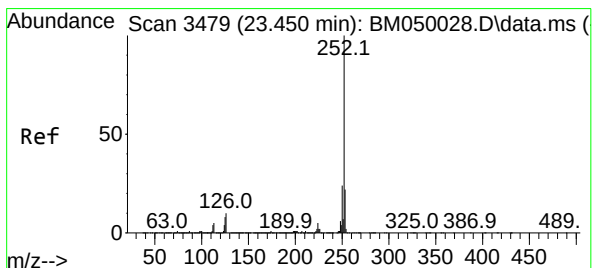
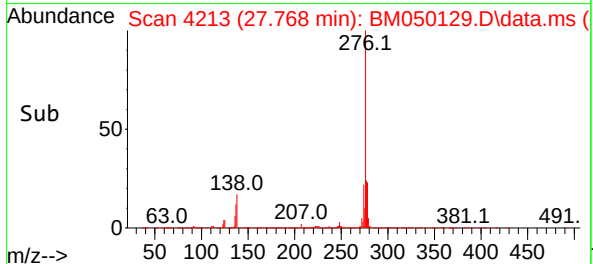
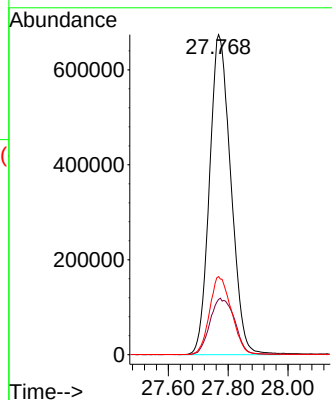
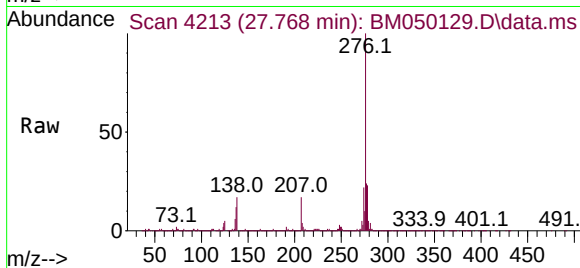




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.928 ng
RT: 27.768 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

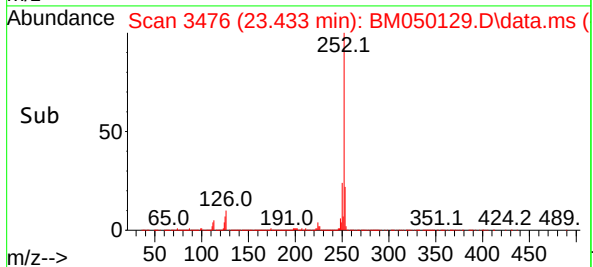
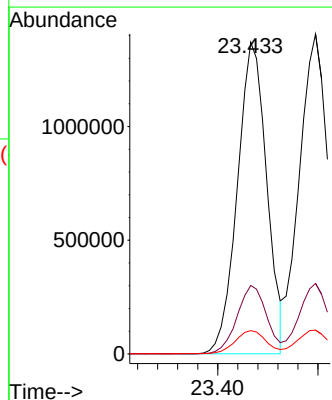
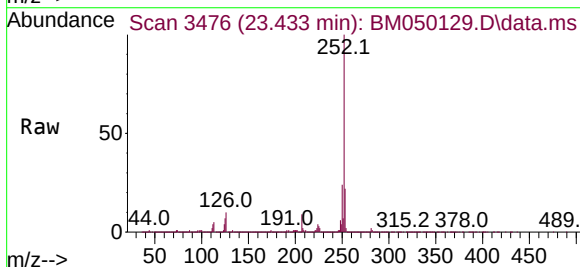
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

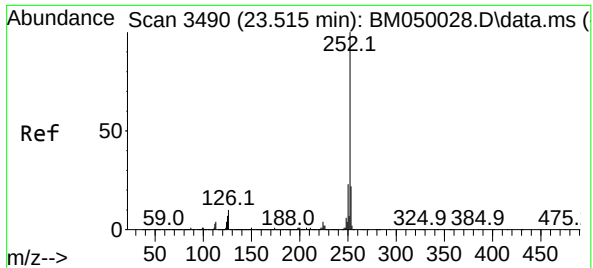
Tgt Ion:276 Resp: 3332526
Ion Ratio Lower Upper
276 100
138 20.4 16.4 24.6
277 25.2 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 36.304 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:252 Resp: 2784029
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 36.733 ng

RT: 23.498 min Scan# 34

Delta R.T. -0.017 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

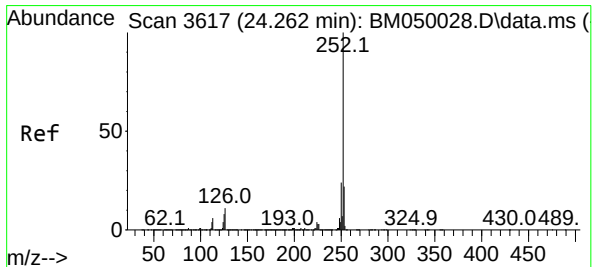
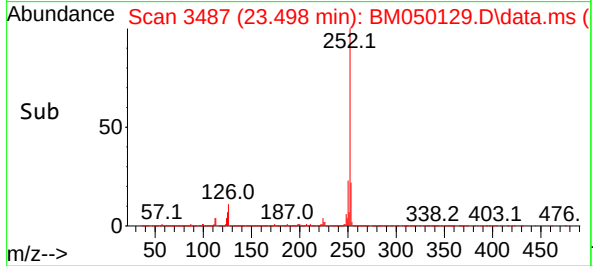
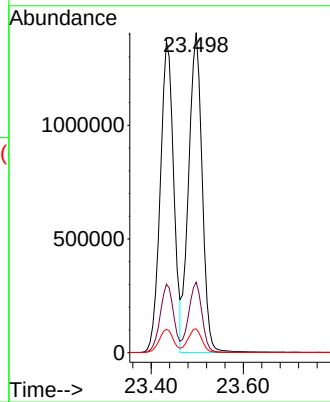
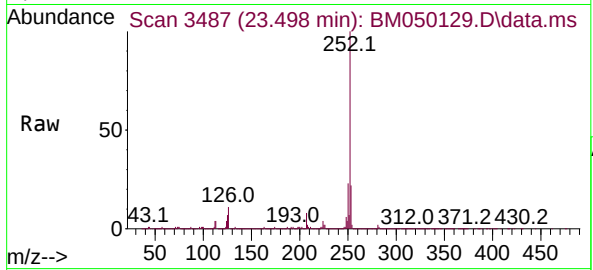
Tgt Ion:252 Resp: 2849425

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 7.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 37.121 ng

RT: 24.239 min Scan# 3613

Delta R.T. -0.023 min

Lab File: BM050129.D

Acq: 07 May 2025 09:56

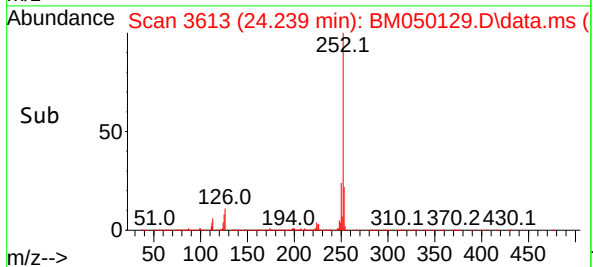
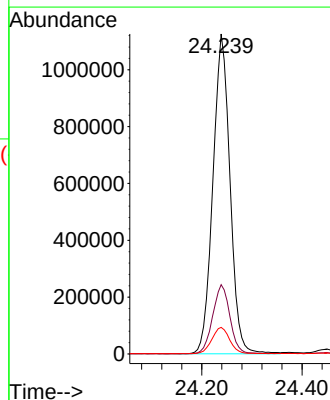
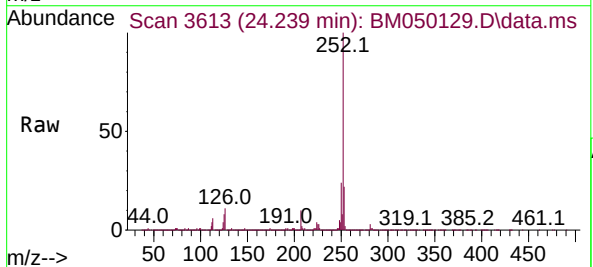
Tgt Ion:252 Resp: 2666219

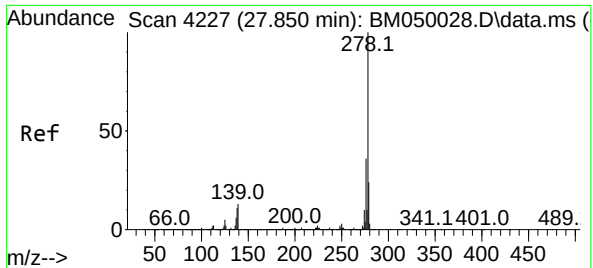
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.3 6.6 9.8

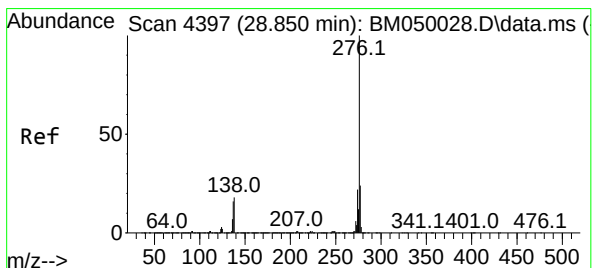
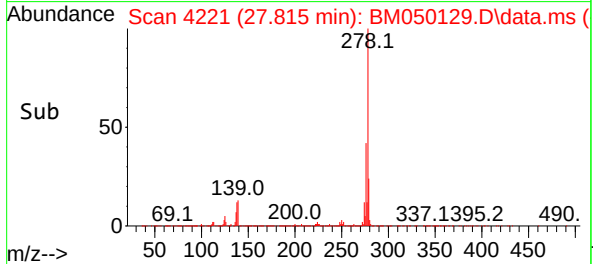
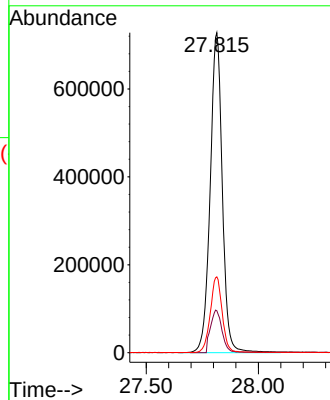
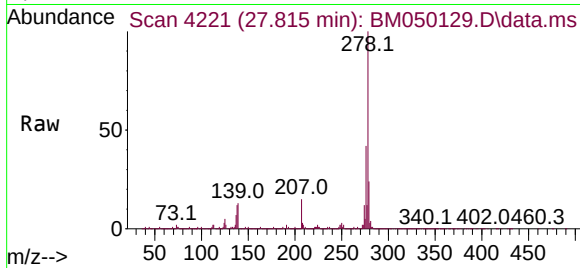




#91
Dibenzo(a,h)anthracene
Concen: 38.192 ng
RT: 27.815 min Scan# 41
Delta R.T. -0.035 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

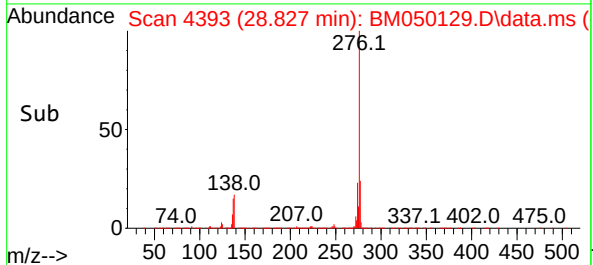
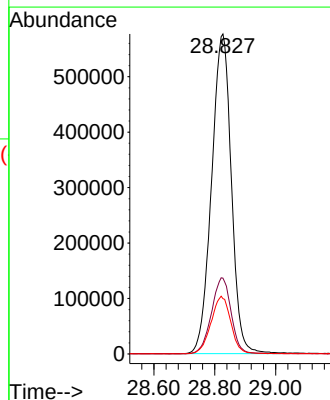
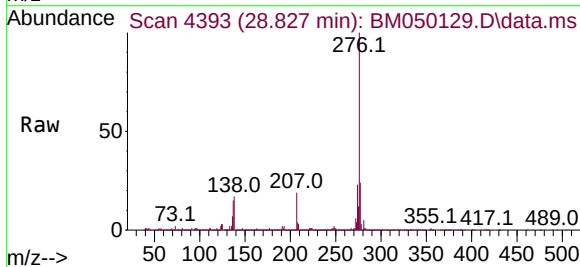
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2735436
Ion Ratio Lower Upper
278 100
139 13.1 10.5 15.7
279 23.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 37.902 ng
RT: 28.827 min Scan# 4393
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:276 Resp: 2598984
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.3 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	-0.02
2	1,4-Dioxane	0.490	0.461	5.9	100	-0.02
3	Pyridine	1.258	1.219	3.1	101	-0.02
4	n-Nitrosodimethylamine	0.493	0.473	4.1	100	-0.02
5 S	2-Fluorophenol	1.142	1.113	2.5	102	-0.02
6	Aniline	1.813	1.767	2.5	100	-0.02
7 S	Phenol-d6	1.436	1.401	2.4	100	-0.02
8	2-Chlorophenol	1.235	1.194	3.3	101	-0.02
9	Benzaldehyde	0.961	0.911	5.2	98	-0.02
10 C	Phenol	1.453	1.425	1.9	102	-0.02
11	bis(2-Chloroethyl)ether	1.213	1.149	5.3	99	-0.02
12	1,3-Dichlorobenzene	1.492	1.409	5.6	99	-0.02
13 C	1,4-Dichlorobenzene	1.499	1.411	5.9	100	-0.03
14	1,2-Dichlorobenzene	1.448	1.353	6.6	98	-0.03
15	Benzyl Alcohol	0.996	1.004	-0.8	103	-0.02
16	2,2'-oxybis(1-Chloropropane	1.475	1.451	1.6	103	-0.02
17	2-Methylphenol	0.957	0.941	1.7	101	-0.02
18	Hexachloroethane	0.533	0.501	6.0	99	-0.03
19 P	n-Nitroso-di-n-propylamine	0.921	0.900	2.3	99	-0.02
20	3+4-Methylphenols	1.293	1.266	2.1	100	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	111	-0.03
22	Acetophenone	0.497	0.472	5.0	98	-0.02
23 S	Nitrobenzene-d5	0.406	0.388	4.4	99	-0.02
24	Nitrobenzene	0.351	0.337	4.0	100	-0.02
25	Isophorone	0.692	0.664	4.0	101	-0.02
26 C	2-Nitrophenol	0.179	0.179	0.0	101	-0.02
27	2,4-Dimethylphenol	0.297	0.291	2.0	99	-0.02
28	bis(2-Chloroethoxy)methane	0.428	0.407	4.9	99	-0.02
29 C	2,4-Dichlorophenol	0.333	0.323	3.0	99	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.379	6.7	98	-0.02
31	Naphthalene	1.013	0.949	6.3	98	-0.02
32	Benzoic acid	0.190	0.185	2.6	104	0.00
33	4-Chloroaniline	0.415	0.401	3.4	101	-0.02
34 C	Hexachlorobutadiene	0.258	0.239	7.4	98	-0.03
35	Caprolactam	0.097	0.094	3.1	100	-0.02
36 C	4-Chloro-3-methylphenol	0.308	0.294	4.5	100	-0.01
37	2-Methylnaphthalene	0.679	0.636	6.3	99	-0.02
38	1-Methylnaphthalene	0.719	0.672	6.5	99	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	110	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.692	0.657	5.1	97	-0.02
41 P	Hexachlorocyclopentadiene	0.423	0.361	14.7	87	-0.03
42 S	2,4,6-Tribromophenol	0.296	0.285	3.7	98	-0.01
43 C	2,4,6-Trichlorophenol	0.439	0.428	2.5	99	-0.02
44	2,4,5-Trichlorophenol	0.474	0.464	2.1	98	-0.01
45 S	2-Fluorobiphenyl	1.691	1.612	4.7	98	-0.02
46	1,1'-Biphenyl	1.487	1.400	5.9	98	-0.02
47	2-Chloronaphthalene	1.177	1.109	5.8	97	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.279	-1.1	102	-0.02
49	Acenaphthylene	1.857	1.752	5.7	97	-0.02
50	Dimethylphthalate	1.462	1.370	6.3	98	-0.02
51	2,6-Dinitrotoluene	0.303	0.297	2.0	100	-0.02
52 C	Acenaphthene	1.075	1.006	6.4	97	-0.02
53	3-Nitroaniline	0.289	0.290	-0.3	99	-0.02
54 P	2,4-Dinitrophenol	0.164	0.160	2.4	99	0.00
55	Dibenzofuran	1.788	1.674	6.4	98	-0.02
56 P	4-Nitrophenol	0.205	0.189	7.8	92	0.00
57	2,4-Dinitrotoluene	0.418	0.415	0.7	100	-0.01
58	Fluorene	1.463	1.378	5.8	97	-0.02
59	2,3,4,6-Tetrachlorophenol	0.410	0.388	5.4	98	-0.01
60	Diethylphthalate	1.377	1.278	7.2	98	-0.02
61	4-Chlorophenyl-phenylether	0.804	0.755	6.1	97	-0.02
62	4-Nitroaniline	0.279	0.284	-1.8	99	-0.01
63	Azobenzene	1.154	1.078	6.6	97	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	110	-0.02
65	4,6-Dinitro-2-methylphenol	0.125	0.121	3.2	98	-0.01
66 c	n-Nitrosodiphenylamine	0.614	0.583	5.0	98	-0.01
67	4-Bromophenyl-phenylether	0.242	0.230	5.0	98	-0.02
68	Hexachlorobenzene	0.279	0.263	5.7	98	-0.01
69	Atrazine	0.222	0.211	5.0	98	-0.02
70 C	Pentachlorophenol	0.157	0.144	8.3	95	-0.01
71	Phenanthrene	1.128	1.052	6.7	97	-0.02
72	Anthracene	1.142	1.076	5.8	97	-0.02
73	Carbazole	0.991	0.951	4.0	99	-0.02
74	Di-n-butylphthalate	1.180	1.112	5.8	98	-0.02
75 C	Fluoranthene	1.324	1.258	5.0	98	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	107	-0.01
77	Benzidine	0.710	0.696	2.0	96	-0.01
78	Pyrene	1.404	1.381	1.6	97	-0.01
79 S	Terphenyl-d14	1.352	1.351	0.1	95	-0.01
80	Butylbenzylphthalate	0.526	0.517	1.7	98	-0.02
81	Benzo(a)anthracene	1.377	1.299	5.7	94	-0.01
82	3,3'-Dichlorobenzidine	0.527	0.511	3.0	94	-0.02
83	Chrysene	1.275	1.183	7.2	94	-0.02
84	Bis(2-ethylhexyl)phthalate	0.786	0.740	5.9	94	-0.02
85 c	Di-n-octyl phthalate	1.296	1.213	6.4	95	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	110	-0.02
87	Indeno(1,2,3-cd)pyrene	1.490	1.413	5.2	97	-0.03
88	Benzo(b)fluoranthene	1.301	1.180	9.3	92	-0.02
89	Benzo(k)fluoranthene	1.316	1.208	8.2	96	-0.02
90 C	Benzo(a)pyrene	1.218	1.131	7.1	96	-0.02
91	Dibenzo(a,h)anthracene	1.215	1.160	4.5	98	-0.04
92	Benzo(g,h,i)perylene	1.163	1.102	5.2	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	-0.02
2	1,4-Dioxane	40.000	37.638	5.9	100	-0.02
3	Pyridine	40.000	38.760	3.1	101	-0.02
4	n-Nitrosodimethylamine	40.000	38.309	4.2	100	-0.02
5 S	2-Fluorophenol	80.000	77.929	2.6	102	-0.02
6	Aniline	40.000	38.981	2.5	100	-0.02
7 S	Phenol-d6	80.000	78.093	2.4	100	-0.02
8	2-Chlorophenol	40.000	38.682	3.3	101	-0.02
9	Benzaldehyde	40.000	37.934	5.2	98	-0.02
10 C	Phenol	40.000	39.229	1.9	102	-0.02
11	bis(2-Chloroethyl)ether	40.000	37.871	5.3	99	-0.02
12	1,3-Dichlorobenzene	40.000	37.769	5.6	99	-0.02
13 C	1,4-Dichlorobenzene	40.000	37.673	5.8	100	-0.03
14	1,2-Dichlorobenzene	40.000	37.392	6.5	98	-0.03
15	Benzyl Alcohol	40.000	40.351	-0.9	103	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	39.358	1.6	103	-0.02
17	2-Methylphenol	40.000	39.297	1.8	101	-0.02
18	Hexachloroethane	40.000	37.618	6.0	99	-0.03
19 P	n-Nitroso-di-n-propylamine	40.000	39.100	2.2	99	-0.02
20	3+4-Methylphenols	40.000	39.165	2.1	100	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	111	-0.03
22	Acetophenone	40.000	37.985	5.0	98	-0.02
23 S	Nitrobenzene-d5	80.000	76.498	4.4	99	-0.02
24	Nitrobenzene	40.000	38.361	4.1	100	-0.02
25	Isophorone	40.000	38.379	4.1	101	-0.02
26 C	2-Nitrophenol	40.000	40.028	-0.1	101	-0.02
27	2,4-Dimethylphenol	40.000	39.146	2.1	99	-0.02
28	bis(2-Chloroethoxy)methane	40.000	38.093	4.8	99	-0.02
29 C	2,4-Dichlorophenol	40.000	38.777	3.1	99	-0.02
30	1,2,4-Trichlorobenzene	40.000	37.345	6.6	98	-0.02
31	Naphthalene	40.000	37.465	6.3	98	-0.02
32	Benzoic acid	40.000	38.892	2.8	104	0.00
33	4-Chloroaniline	40.000	38.655	3.4	101	-0.02
34 C	Hexachlorobutadiene	40.000	37.153	7.1	98	-0.03
35	Caprolactam	40.000	38.907	2.7	100	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.219	4.5	100	-0.01
37	2-Methylnaphthalene	40.000	37.483	6.3	99	-0.02
38	1-Methylnaphthalene	40.000	37.416	6.5	99	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	110	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	37.962	5.1	97	-0.02
41 P	Hexachlorocyclopentadiene	40.000	34.123	14.7	87	-0.03
42 S	2,4,6-Tribromophenol	80.000	77.152	3.6	98	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.025	2.4	99	-0.02
44	2,4,5-Trichlorophenol	40.000	39.223	1.9	98	-0.01
45 S	2-Fluorobiphenyl	80.000	76.285	4.6	98	-0.02
46	1,1'-Biphenyl	40.000	37.665	5.8	98	-0.02
47	2-Chloronaphthalene	40.000	37.681	5.8	97	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050129.D
 Acq On : 07 May 2025 09:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 07 11:58:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.448	-1.1	102	-0.02
49	Acenaphthylene	40.000	37.758	5.6	97	-0.02
50	Dimethylphthalate	40.000	37.481	6.3	98	-0.02
51	2,6-Dinitrotoluene	40.000	39.202	2.0	100	-0.02
52 C	Acenaphthene	40.000	37.437	6.4	97	-0.02
53	3-Nitroaniline	40.000	40.213	-0.5	99	-0.02
54 P	2,4-Dinitrophenol	40.000	36.439	8.9	99	0.00
55	Dibenzofuran	40.000	37.462	6.3	98	-0.02
56 P	4-Nitrophenol	40.000	34.800	13.0	92	0.00
57	2,4-Dinitrotoluene	40.000	39.653	0.9	100	-0.01
58	Fluorene	40.000	37.662	5.8	97	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	37.896	5.3	98	-0.01
60	Diethylphthalate	40.000	37.127	7.2	98	-0.02
61	4-Chlorophenyl-phenylether	40.000	37.553	6.1	97	-0.02
62	4-Nitroaniline	40.000	40.776	-1.9	99	-0.01
63	Azobenzene	40.000	37.357	6.6	97	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	110	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	38.782	3.0	98	-0.01
66 c	n-Nitrosodiphenylamine	40.000	37.972	5.1	98	-0.01
67	4-Bromophenyl-phenylether	40.000	38.030	4.9	98	-0.02
68	Hexachlorobenzene	40.000	37.749	5.6	98	-0.01
69	Atrazine	40.000	38.139	4.7	98	-0.02
70 C	Pentachlorophenol	40.000	36.772	8.1	95	-0.01
71	Phenanthrene	40.000	37.320	6.7	97	-0.02
72	Anthracene	40.000	37.713	5.7	97	-0.02
73	Carbazole	40.000	38.410	4.0	99	-0.02
74	Di-n-butylphthalate	40.000	37.714	5.7	98	-0.02
75 C	Fluoranthene	40.000	37.983	5.0	98	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	107	-0.01
77	Benzydine	40.000	39.198	2.0	96	-0.01
78	Pyrene	40.000	39.346	1.6	97	-0.01
79 S	Terphenyl-d14	80.000	79.988	0.0	95	-0.01
80	Butylbenzylphthalate	40.000	39.331	1.7	98	-0.02
81	Benzo(a)anthracene	40.000	37.728	5.7	94	-0.01
82	3,3'-Dichlorobenzidine	40.000	38.795	3.0	94	-0.02
83	Chrysene	40.000	37.130	7.2	94	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	37.692	5.8	94	-0.02
85 c	Di-n-octyl phthalate	40.000	37.435	6.4	95	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	110	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.928	5.2	97	-0.03
88	Benzo(b)fluoranthene	40.000	36.304	9.2	92	-0.02
89	Benzo(k)fluoranthene	40.000	36.733	8.2	96	-0.02
90 C	Benzo(a)pyrene	40.000	37.121	7.2	96	-0.02
91	Dibenzo(a,h)anthracene	40.000	38.192	4.5	98	-0.04
92	Benzo(g,h,i)perylene	40.000	37.902	5.2	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.109		-2.9	
Benzaldehyde	0.961	0.933		-2.9	
Aniline	1.813	1.775		-2.1	
Phenol-d6	1.436	1.425		-0.8	
Phenol	1.453	1.439		-1.0	20.0
bis(2-Chloroethyl) ether	1.214	1.166		-4.0	
2-Chlorophenol	1.235	1.198		-3.0	
2-Methylphenol	0.957	0.937		-2.1	
2,2-oxybis(1-Chloropropane)	1.475	1.453		-1.5	
Acetophenone	0.497	0.474		-4.6	
3+4-Methylphenols	1.293	1.279		-1.1	
n-Nitroso-di-n-propylamine	0.921	0.911	0.050	-1.1	
Nitrobenzene-d5	0.406	0.390		-3.9	
Hexachloroethane	0.533	0.500		-6.2	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.663		-4.2	
2-Nitrophenol	0.179	0.183		2.2	20.0
2,4-Dimethylphenol	0.297	0.293		-1.3	
bis(2-Chloroethoxy) methane	0.428	0.411		-4.0	
2,4-Dichlorophenol	0.333	0.322		-3.3	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.399		-3.9	
Hexachlorobutadiene	0.258	0.244		-5.4	20.0
Caprolactam	0.097	0.090		-7.2	
4-Chloro-3-methylphenol	0.308	0.293		-4.9	20.0
2-Methylnaphthalene	0.679	0.643		-5.3	
Hexachlorocyclopentadiene	0.423	0.394	0.050	-6.9	
2,4,6-Trichlorophenol	0.439	0.444		1.1	20.0
2-Fluorobiphenyl	1.691	1.640		-3.0	
2,4,5-Trichlorophenol	0.474	0.470		-0.8	
1,1-Biphenyl	1.487	1.422		-4.4	
2-Chloronaphthalene	1.177	1.124		-4.5	
2-Nitroaniline	0.276	0.277		0.4	
Dimethylphthalate	1.462	1.353		-7.5	
Acenaphthylene	1.857	1.762		-5.1	
2,6-Dinitrotoluene	0.303	0.293		-3.3	
3-Nitroaniline	0.289	0.282		-2.4	
Acenaphthene	1.075	1.012		-5.9	20.0
2,4-Dinitrophenol	0.164	0.155	0.050	-5.5	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
4-Nitrophenol	0.205	0.181	0.050	-11.7	
Dibenzofuran	1.788	1.680		-6.0	
2,4-Dinitrotoluene	0.418	0.409		-2.2	
Diethylphthalate	1.377	1.253		-9.0	
4-Chlorophenyl-phenylether	0.804	0.768		-4.5	
Fluorene	1.463	1.365		-6.7	
4-Nitroaniline	0.279	0.246		-11.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.603		-1.8	20.0
2,4,6-Tribromophenol	0.296	0.286		-3.4	
4-Bromophenyl-phenylether	0.242	0.240		-0.8	
Hexachlorobenzene	0.279	0.271		-2.9	
Atrazine	0.222	0.212		-4.5	
Pentachlorophenol	0.157	0.148		-5.7	20.0
Phenanthrene	1.128	1.059		-6.1	
Anthracene	1.142	1.078		-5.6	
Carbazole	0.991	0.919		-7.3	
Di-n-butylphthalate	1.180	1.082		-8.3	
Fluoranthene	1.324	1.185		-10.5	20.0
Pyrene	1.404	1.584		12.8	
Terphenyl-d14	1.352	1.555		15.0	
Butylbenzylphthalate	0.526	0.538		2.3	
3,3-Dichlorobenzidine	0.527	0.482		-8.5	
Benzo (a) anthracene	1.377	1.314		-4.6	
Chrysene	1.275	1.201		-5.8	
Bis (2-ethylhexyl) phthalate	0.786	0.738		-6.1	
Di-n-octyl phthalate	1.296	1.114		-14.0	20.0
Benzo (b) fluoranthene	1.301	1.242		-4.5	
Benzo (k) fluoranthene	1.316	1.279		-2.8	
Benzo (a) pyrene	1.218	1.160		-4.8	20.0
Indeno (1,2,3-cd) pyrene	1.490	1.414		-5.1	
Dibenzo (a,h) anthracene	1.215	1.154		-5.0	
Benzo (g,h,i) perylene	1.163	1.097		-5.7	
1,2,4,5-Tetrachlorobenzene	0.692	0.686		-0.9	
1,4-Dioxane	0.490	0.453		-7.6	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.385		-6.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	370324	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1368857	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	879874	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1654930	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1237713	20.000	ng	0.00
86) Perylene-d12	24.380	264	1026252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1642415	77.661	ng	0.00
7) Phenol-d6	6.934	99	2111558	79.439	ng	0.00
23) Nitrobenzene-d5	8.904	82	2134237	76.829	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1005758	77.306	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5771543	77.598	ng	0.00
79) Terphenyl-d14	19.768	244	7699588	92.052	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	335516	37.001	ng	99
3) Pyridine	3.634	79	904531	38.824	ng	96
4) n-Nitrosodimethylamine	3.546	42	359788	39.374	ng	98
6) Aniline	7.075	93	1314457	39.162	ng	99
8) 2-Chlorophenol	7.316	128	887499	38.813	ng	98
9) Benzaldehyde	6.887	77	690756	38.833	ng	98
10) Phenol	6.963	94	1065717	39.605	ng	98
11) bis(2-Chloroethyl)ether	7.169	93	863881	38.447	ng	99
12) 1,3-Dichlorobenzene	7.634	146	1038233	37.588	ng	99
13) 1,4-Dichlorobenzene	7.775	146	1040843	37.509	ng	99
14) 1,2-Dichlorobenzene	8.093	146	1005092	37.497	ng	99
15) Benzyl Alcohol	7.993	79	751209	40.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1076308	39.406	ng	99
17) 2-Methylphenol	8.204	107	693712	39.133	ng	98
18) Hexachloroethane	8.816	117	369976	37.507	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	674550	39.568	ng	100
20) 3+4-Methylphenols	8.534	107	947336	39.573	ng	98
22) Acetophenone	8.569	105	1298428	38.153	ng	98
24) Nitrobenzene	8.945	77	922534	38.408	ng	100
25) Isophorone	9.475	82	1815169	38.333	ng	100
26) 2-Nitrophenol	9.657	139	500100	40.755	ng	99
27) 2,4-Dimethylphenol	9.728	122	800845	39.354	ng	100
28) bis(2-Chloroethoxy)met...	9.951	93	1125441	38.454	ng	100
29) 2,4-Dichlorophenol	10.210	162	882444	38.708	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	1043351	37.563	ng	100
31) Naphthalene	10.586	128	2598647	37.486	ng	100
32) Benzoic acid	9.916	122	496992	38.186	ng	98
33) 4-Chloroaniline	10.704	127	1093472	38.483	ng	99
34) Hexachlorobutadiene	10.869	225	666762	37.817	ng	99
35) Caprolactam	11.516	113	246749	37.121	ng	94
36) 4-Chloro-3-methylphenol	11.857	107	803329	38.140	ng	98
37) 2-Methylnaphthalene	12.204	142	1761314	37.896	ng	100
38) 1-Methylnaphthalene	12.422	142	1840027	37.410	ng	100
40) 1,2,4,5-Tetrachloroben...	12.580	216	1207652	39.649	ng	100
41) Hexachlorocyclopentadiene	12.551	237	692945	37.227	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	781494	40.452	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

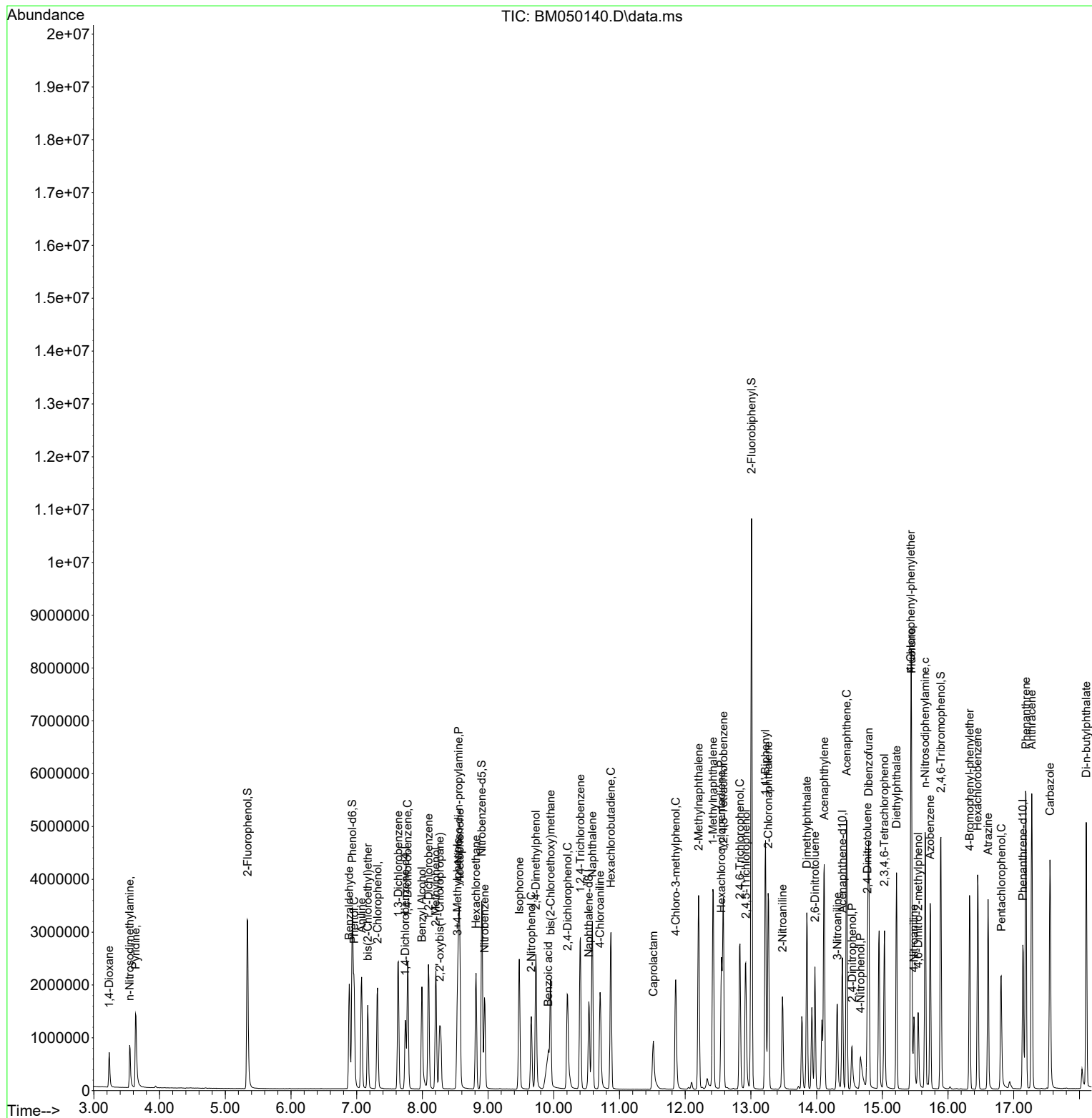
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	827607	39.727	ng	99
46) 1,1'-Biphenyl	13.222	154	2502138	38.256	ng	99
47) 2-Chloronaphthalene	13.263	162	1978827	38.200	ng	99
48) 2-Nitroaniline	13.480	65	487178	40.071	ng	100
49) Acenaphthylene	14.116	152	3100974	37.967	ng	100
50) Dimethylphthalate	13.851	163	2380206	37.016	ng	99
51) 2,6-Dinitrotoluene	13.975	165	516023	38.760	ng	98
52) Acenaphthene	14.457	154	1780304	37.658	ng	99
53) 3-Nitroaniline	14.316	138	495431	38.978	ng	99
54) 2,4-Dinitrophenol	14.539	184	272567	35.437	ng	98
55) Dibenzofuran	14.792	168	2956841	37.591	ng	99
56) 4-Nitrophenol	14.669	139	319245	33.657	ng	98
57) 2,4-Dinitrotoluene	14.774	165	719782	39.126	ng	98
58) Fluorene	15.445	166	2401802	37.305	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	677686	37.581	ng	99
60) Diethylphthalate	15.216	149	2205320	36.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	1351541	38.219	ng	99
62) 4-Nitroaniline	15.480	138	432649	35.280	ng	99
63) Azobenzene	15.727	77	1882944	37.081	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	400737	38.684	ng	96
66) n-Nitrosodiphenylamine	15.651	169	1995726	39.272	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	793425	39.646	ng	98
68) Hexachlorobenzene	16.451	284	896115	38.846	ng	98
69) Atrazine	16.610	200	701944	38.293	ng	99
70) Pentachlorophenol	16.810	266	489963	37.733	ng	99
71) Phenanthrene	17.186	178	3506508	37.567	ng	100
72) Anthracene	17.274	178	3566867	37.761	ng	100
73) Carbazole	17.551	167	3040432	37.093	ng	99
74) Di-n-butylphthalate	18.104	149	3579619	36.672	ng	99
75) Fluoranthene	19.204	202	3923349	35.801	ng	100
77) Benzidine	19.392	184	1769429	40.247	ng	99
78) Pyrene	19.568	202	3921227	45.115	ng	100
80) Butylbenzylphthalate	20.462	149	1331850	40.913	ng	99
81) Benzo(a)anthracene	21.368	228	3251627	38.150	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1193314	36.574	ng	100
83) Chrysene	21.427	228	2971758	37.672	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1827791	37.590	ng	100
85) Di-n-octyl phthalate	22.403	149	2757430	34.387	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	2903047	37.964	ng	100
88) Benzo(b)fluoranthene	23.433	252	2548858	38.191	ng	100
89) Benzo(k)fluoranthene	23.497	252	2625481	38.890	ng	99
90) Benzo(a)pyrene	24.239	252	2381402	38.097	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2367754	37.985	ng	100
92) Benzo(g,h,i)perylene	28.826	276	2251454	37.727	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

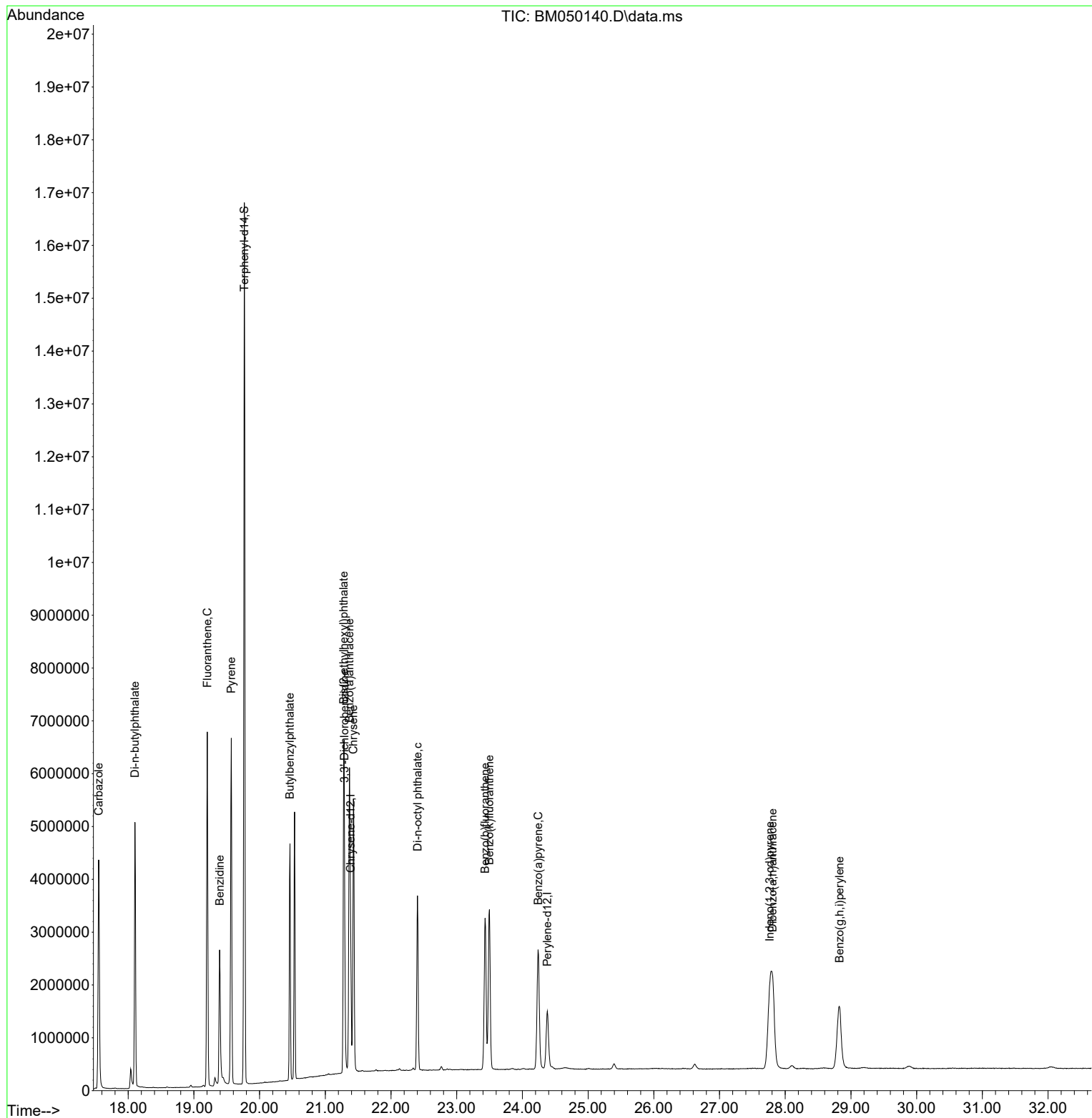
Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

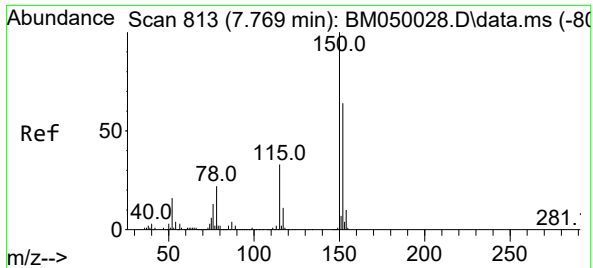


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

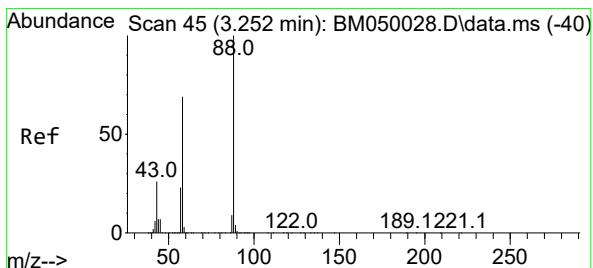
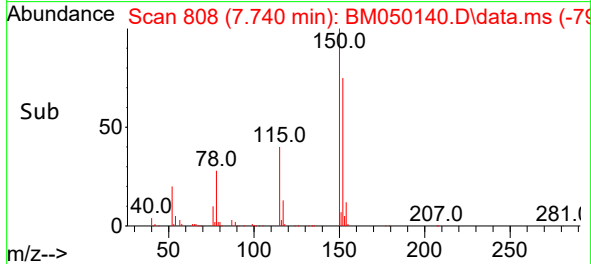
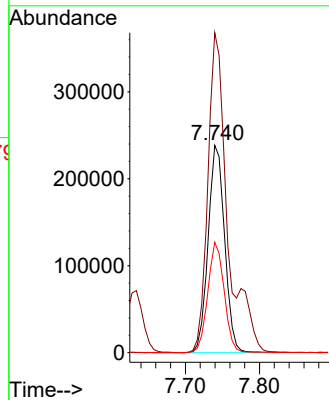
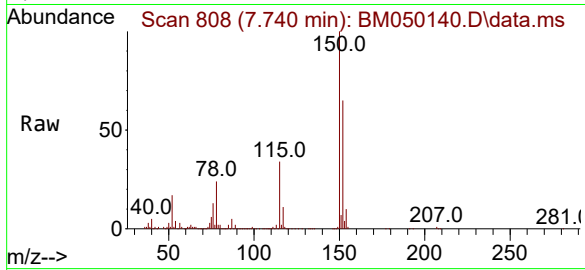




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

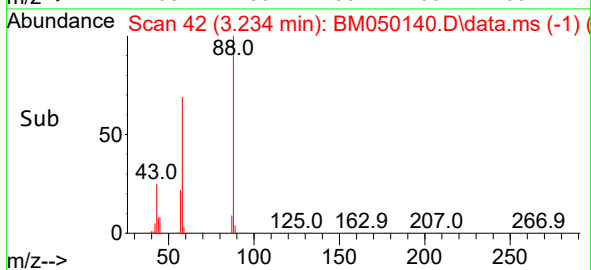
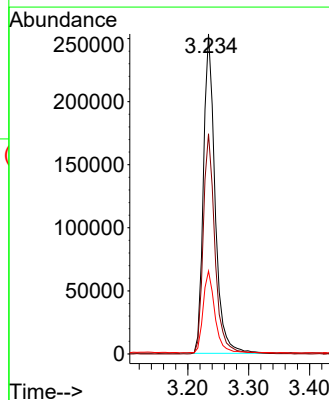
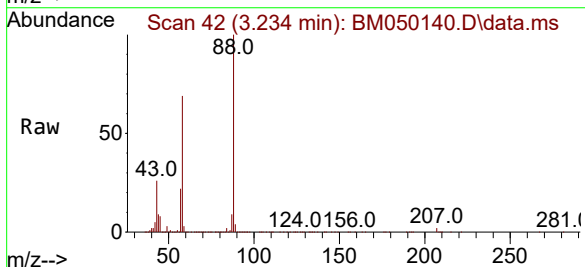
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

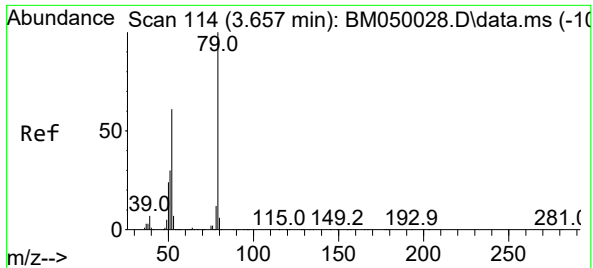
Tgt Ion:152 Resp: 370324
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 53.2 41.2 61.8



#2
1,4-Dioxane
Concen: 37.001 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 88 Resp: 335516
Ion Ratio Lower Upper
88 100
58 69.9 55.1 82.7
43 25.9 20.9 31.3

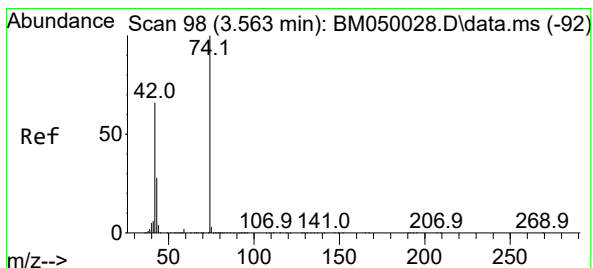
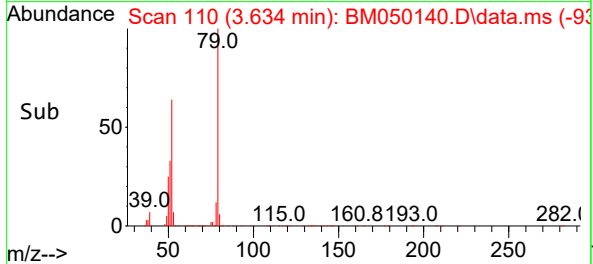
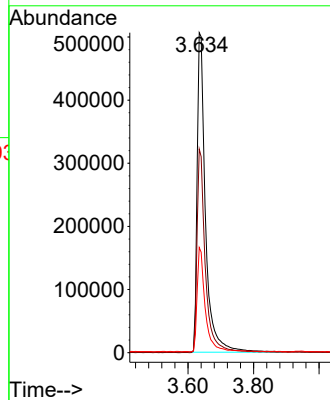
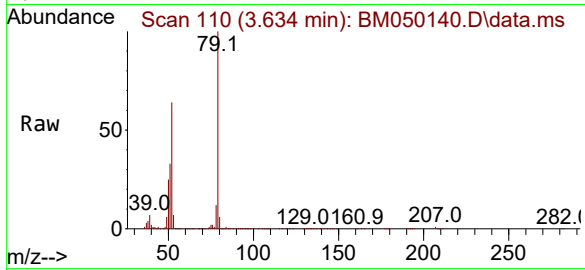




#3
Pyridine
Concen: 38.824 ng
RT: 3.634 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

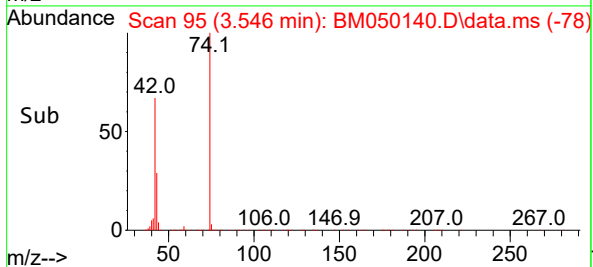
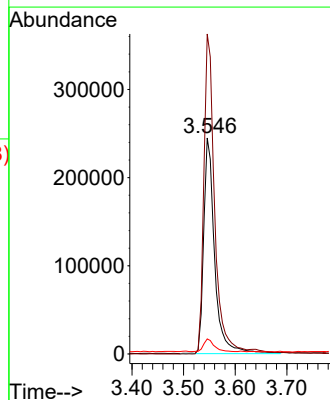
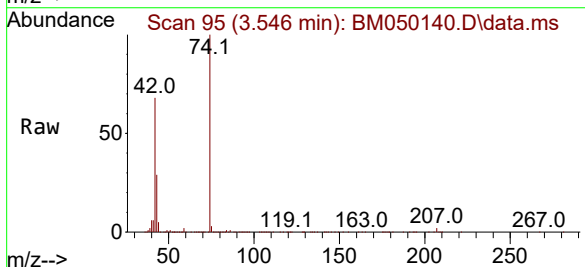
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

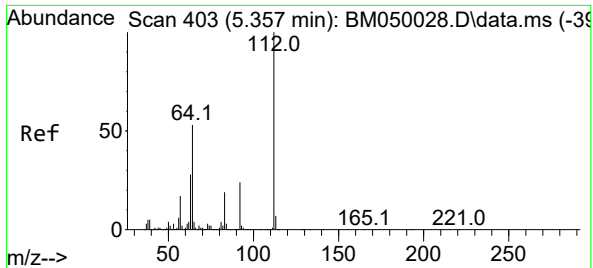
Tgt Ion: 79 Resp: 904531
Ion Ratio Lower Upper
79 100
52 63.6 48.6 72.8
51 32.9 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 39.374 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 42 Resp: 359788
Ion Ratio Lower Upper
42 100
74 148.1 120.2 180.2
44 7.0 6.2 9.2

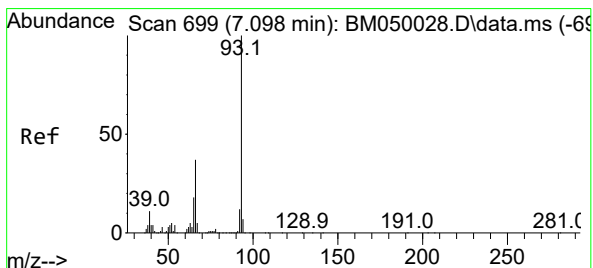
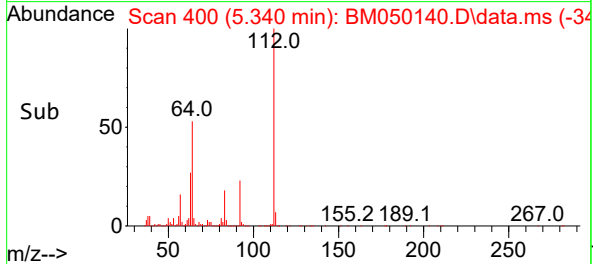
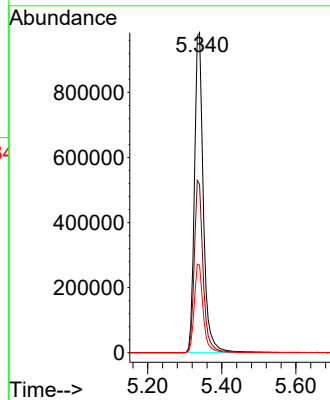
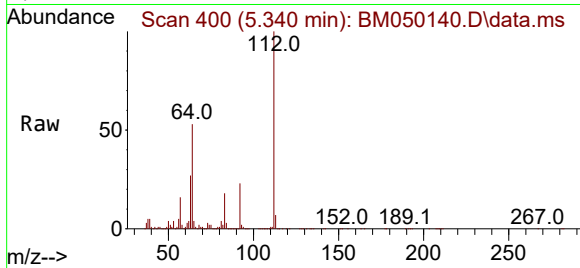




#5
2-Fluorophenol
Concen: 77.661 ng
RT: 5.340 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

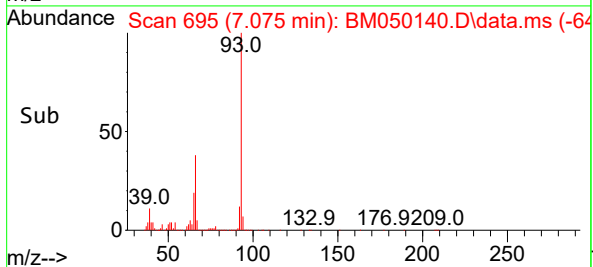
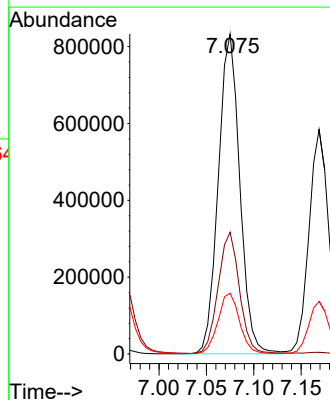
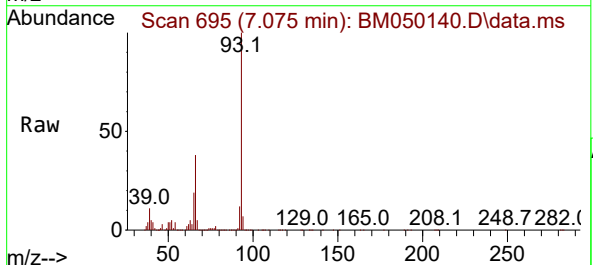
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

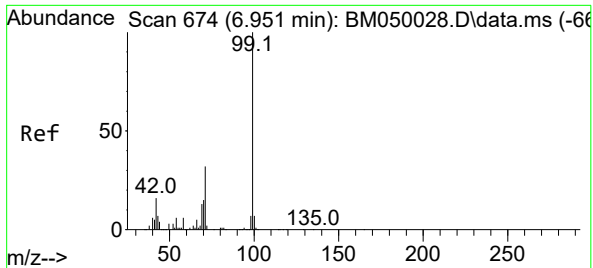
Tgt Ion:112 Resp: 1642415
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 27.4 22.2 33.4



#6
Aniline
Concen: 39.162 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 93 Resp: 1314457
Ion Ratio Lower Upper
93 100
66 38.0 29.9 44.9
65 19.0 14.5 21.7

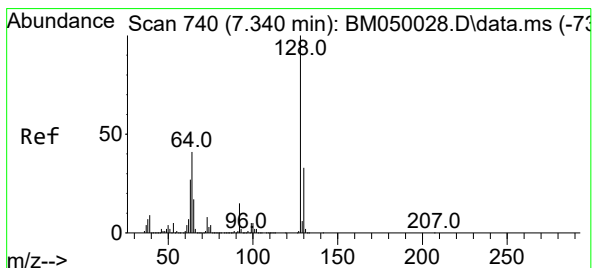
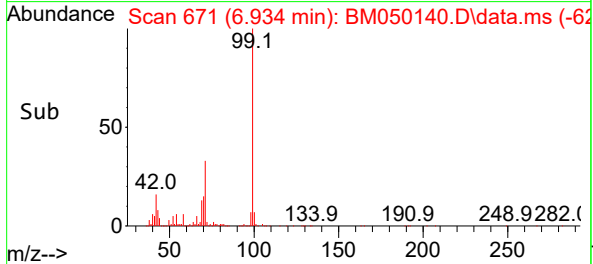
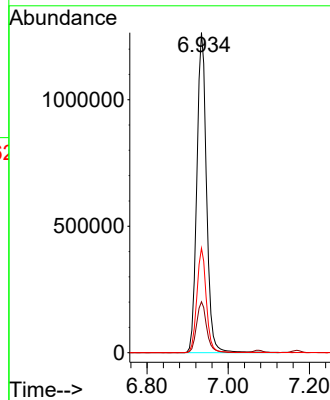
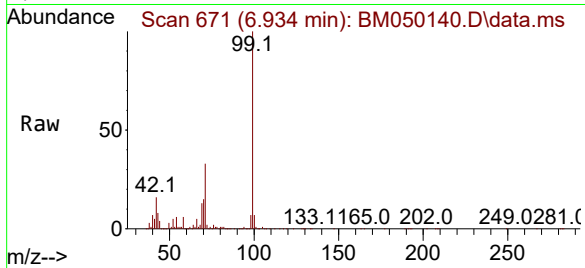




#7
Phenol-d6
Concen: 79.439 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

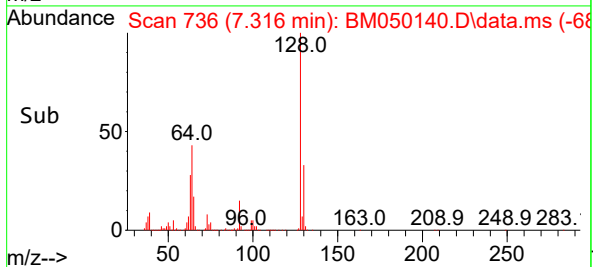
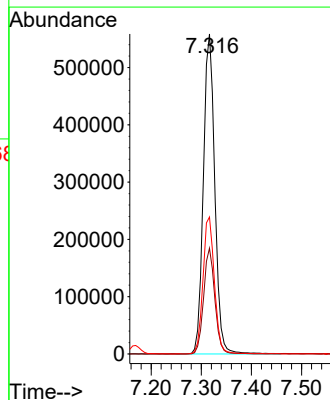
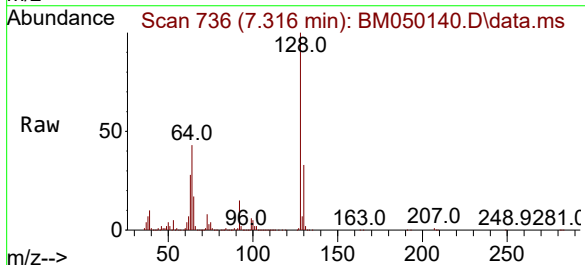
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

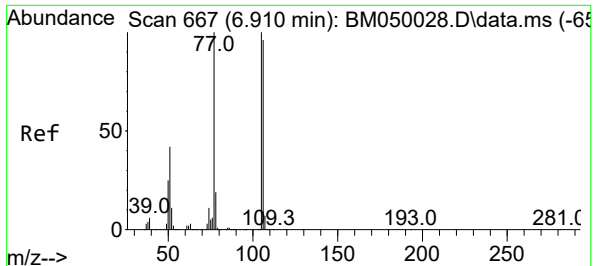
Tgt Ion: 99 Resp: 2111558
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 32.7 25.6 38.4



#8
2-Chlorophenol
Concen: 38.813 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 128 Resp: 887499
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 42.8 21.2 61.2

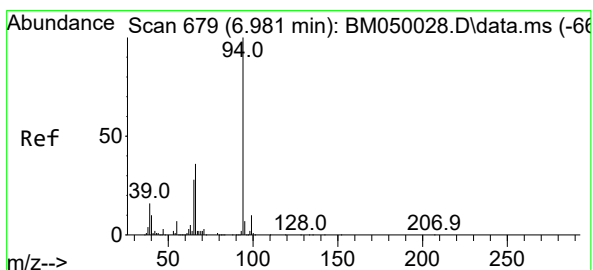
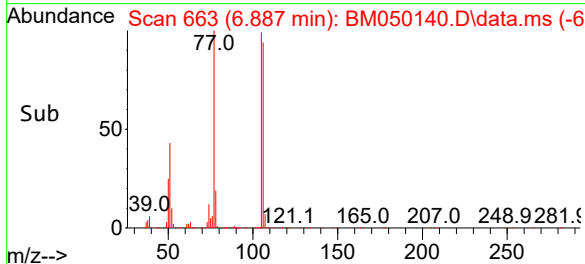
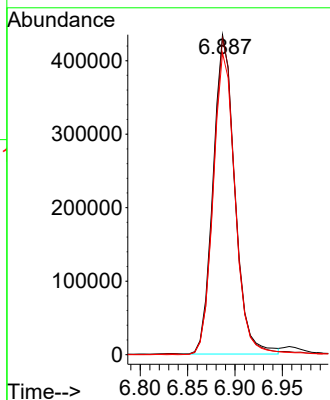
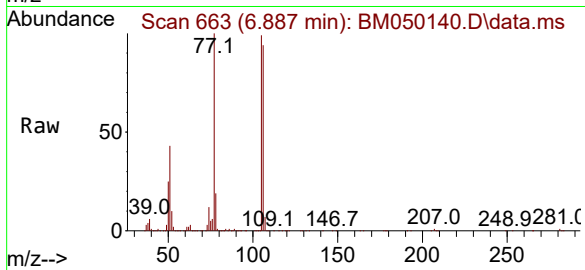




#9
Benzaldehyde
Concen: 38.833 ng
RT: 6.887 min Scan# 609
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

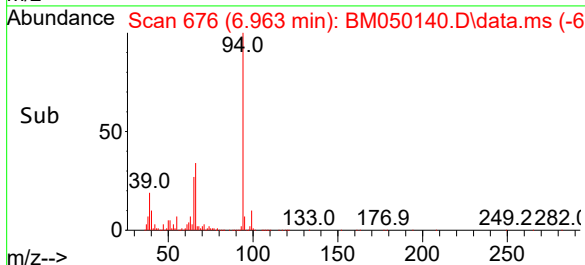
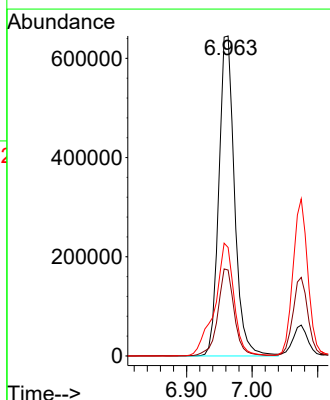
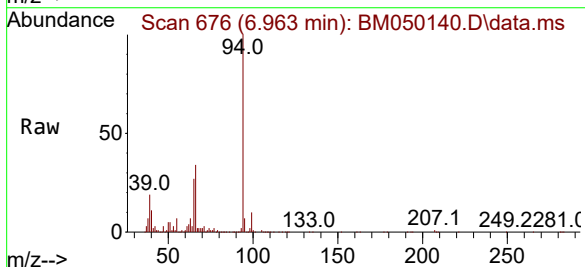
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

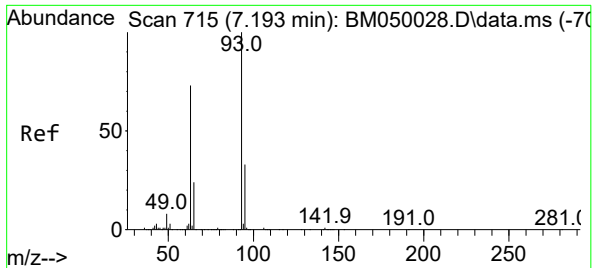
Tgt Ion: 77 Resp: 690756
Ion Ratio Lower Upper
77 100
105 98.8 80.5 120.5
106 94.3 76.1 116.1



#10
Phenol
Concen: 39.605 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 94 Resp: 1065717
Ion Ratio Lower Upper
94 100
65 26.9 7.6 47.6
66 33.9 15.8 55.8

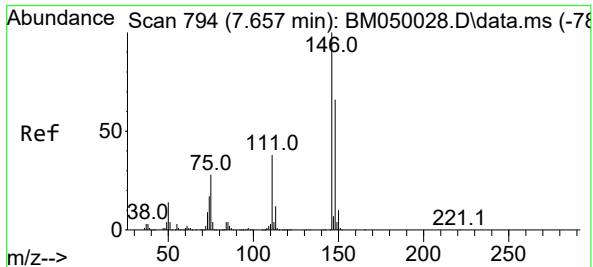
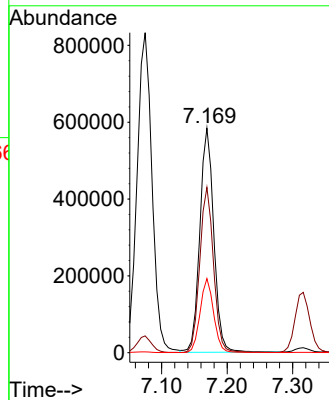
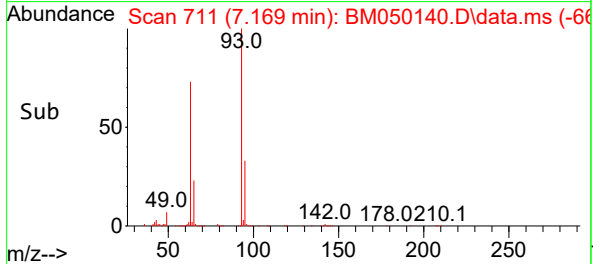
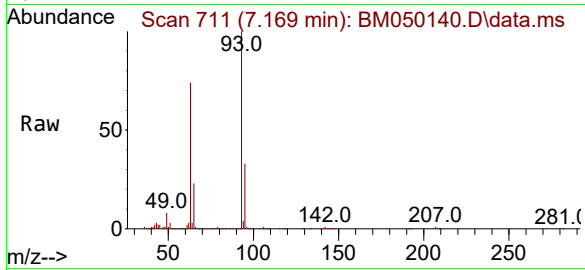




#11
bis(2-Chloroethyl)ether
Concen: 38.447 ng
RT: 7.169 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

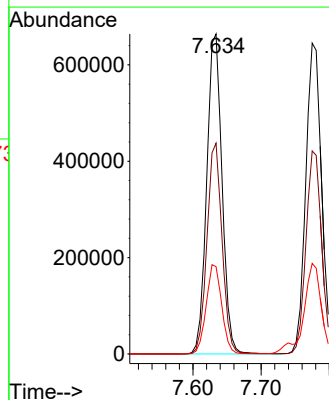
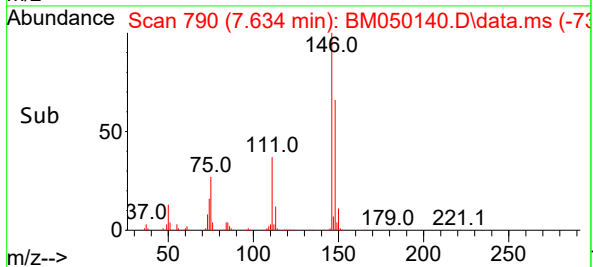
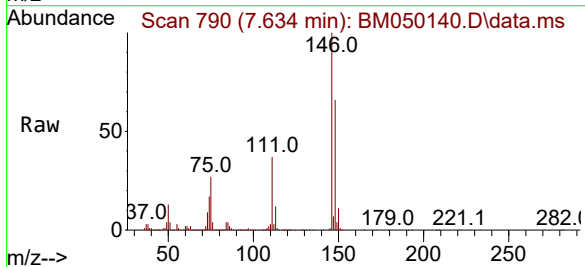
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

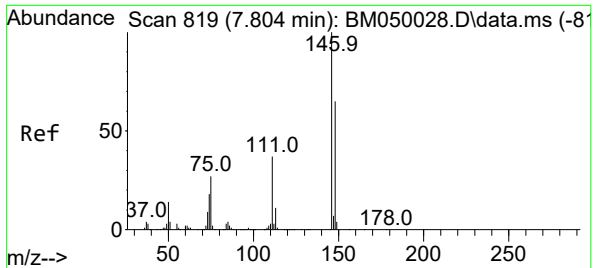
Tgt Ion: 93 Resp: 863881
Ion Ratio Lower Upper
93 100
63 73.6 52.3 92.3
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.588 ng
RT: 7.634 min Scan# 790
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 146 Resp: 1038233
Ion Ratio Lower Upper
146 100
148 65.9 52.5 78.7
75 27.3 22.6 34.0

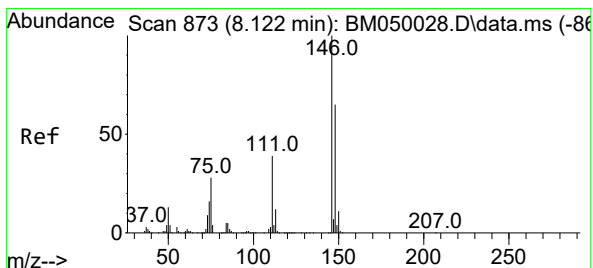
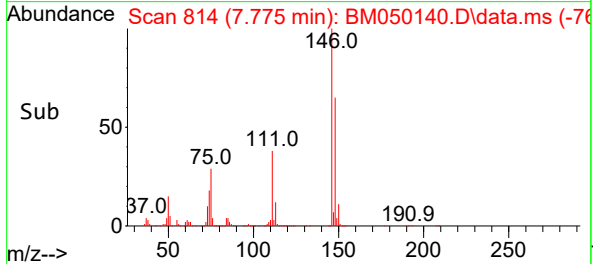
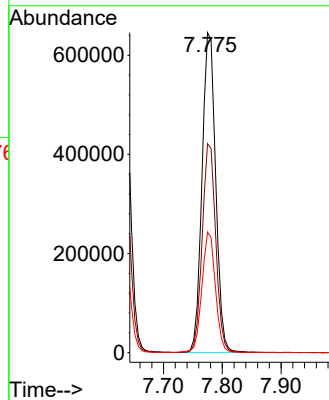
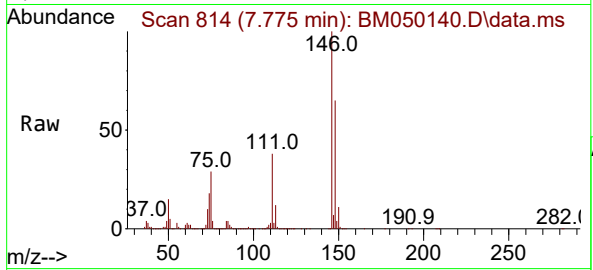




#13
1,4-Dichlorobenzene
Concen: 37.509 ng
RT: 7.775 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

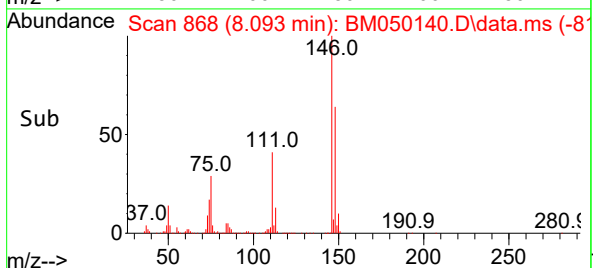
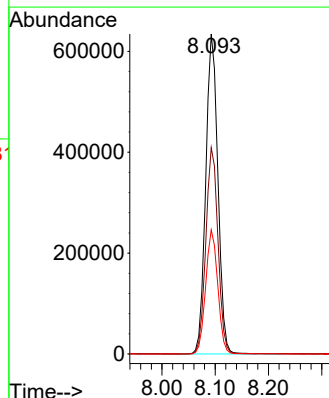
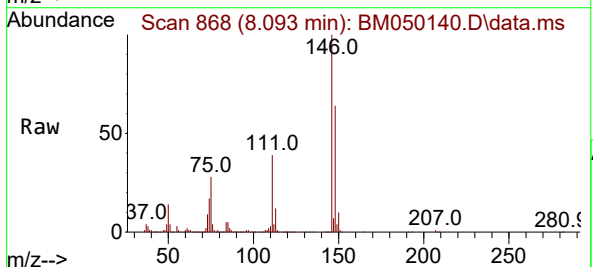
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

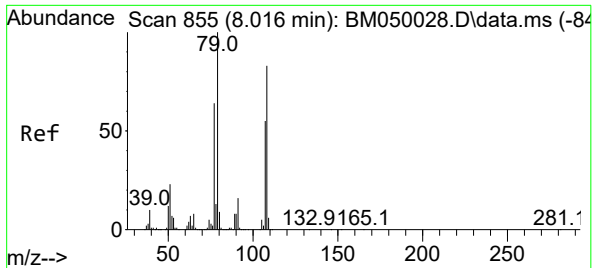
Tgt Ion:146 Resp: 1040843
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 37.7 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 37.497 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:146 Resp: 1005092
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 40.752 ng

RT: 7.993 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

Instrument :

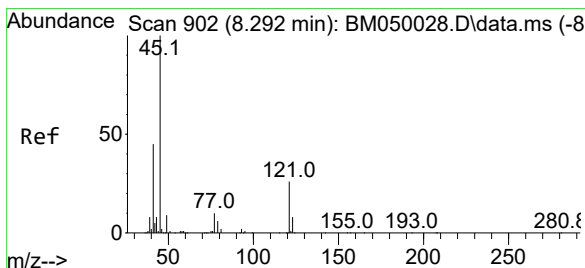
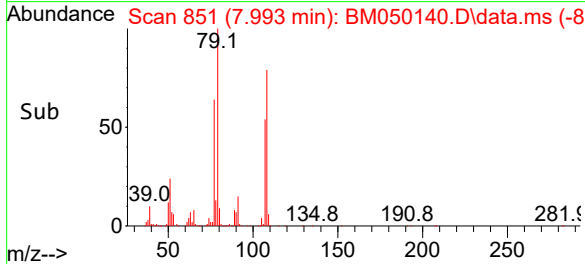
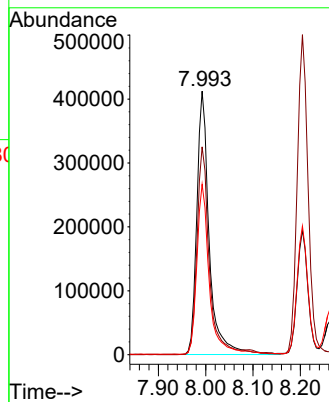
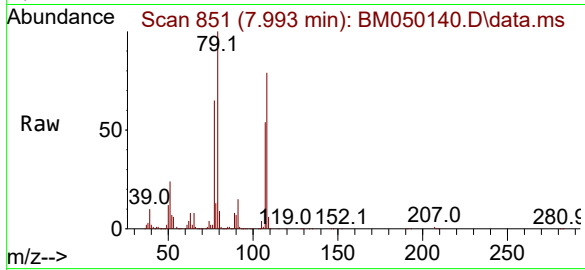
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 751209

Ion	Ratio	Lower	Upper
79	100		
108	78.9	66.0	99.0
77	64.7	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.406 ng

RT: 8.263 min Scan# 897

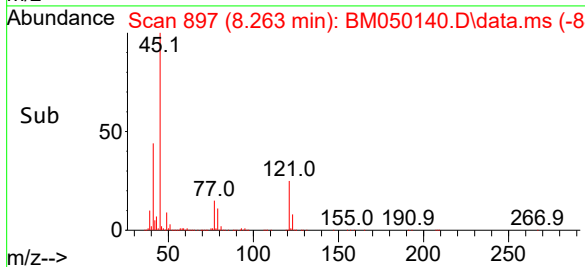
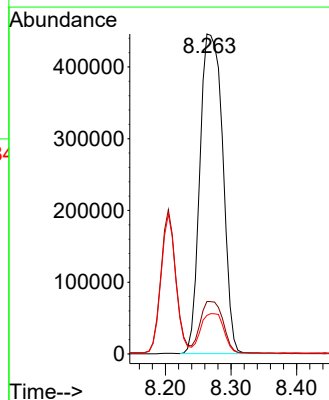
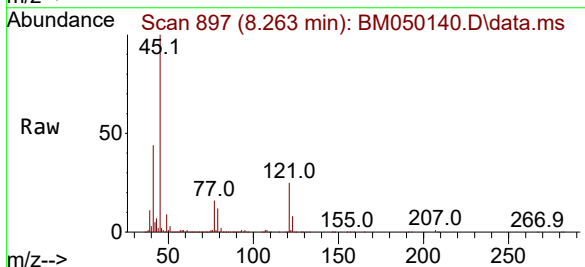
Delta R.T. 0.000 min

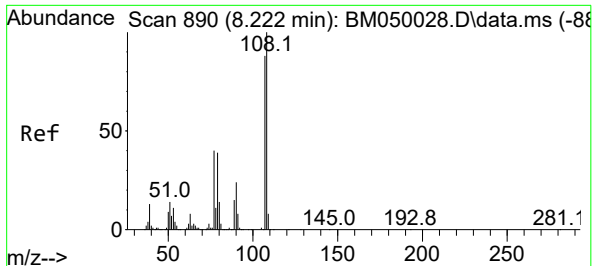
Lab File: BM050140.D

Acq: 08 May 2025 10:41

Tgt Ion: 45 Resp: 1076308

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.1	0.0	32.7





#17

2-Methylphenol

Concen: 39.133 ng

RT: 8.204 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050140.D

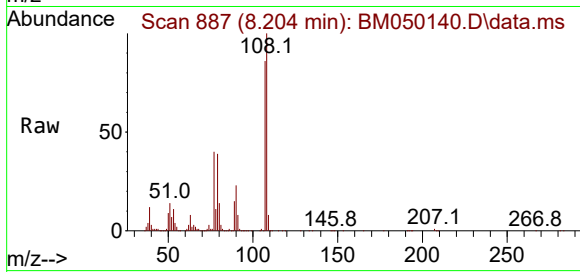
Acq: 08 May 2025 10:41

Instrument :

BNA_M

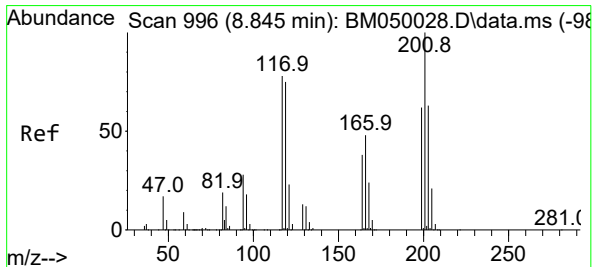
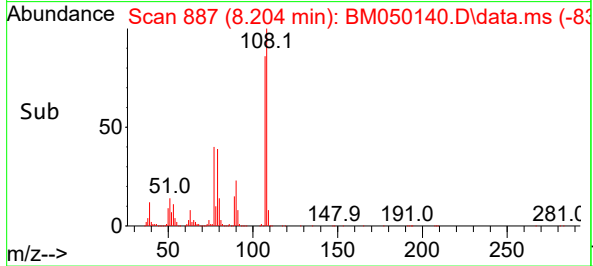
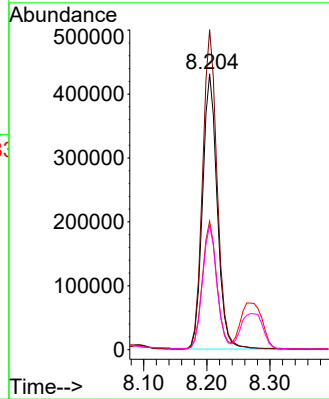
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 693712

Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.1	136.7
77	46.6	36.2	54.4
79	45.2	35.8	53.8



#18

Hexachloroethane

Concen: 37.507 ng

RT: 8.816 min Scan# 991

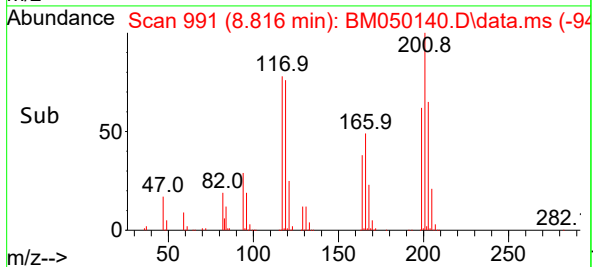
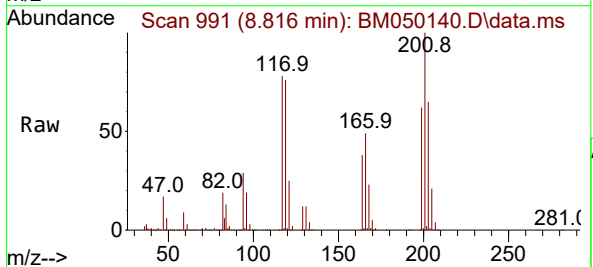
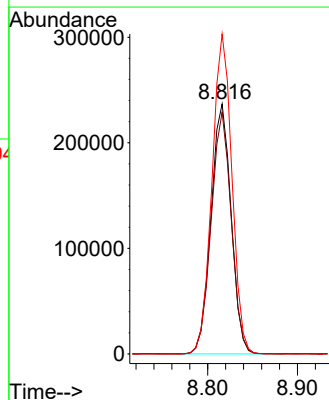
Delta R.T. 0.000 min

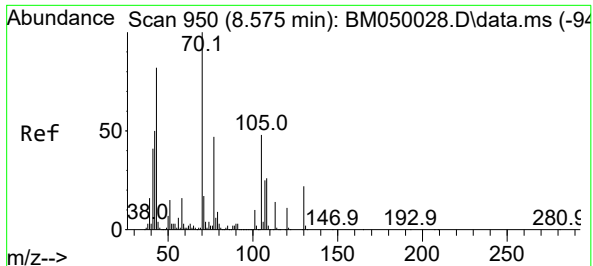
Lab File: BM050140.D

Acq: 08 May 2025 10:41

Tgt Ion:117 Resp: 369976

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
201	128.0	102.8	154.2

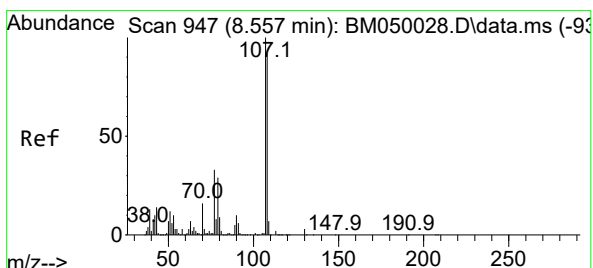
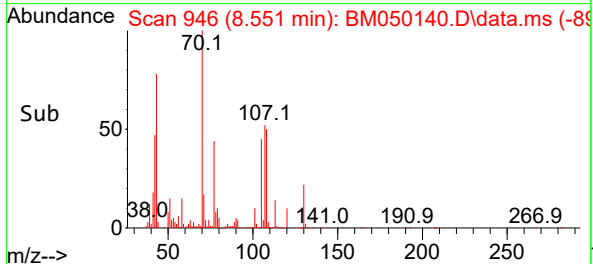
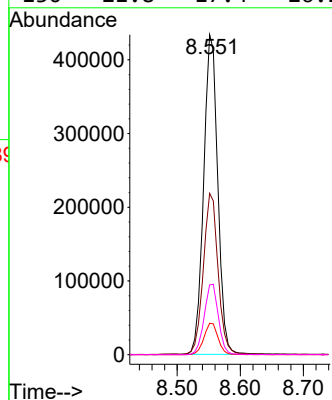
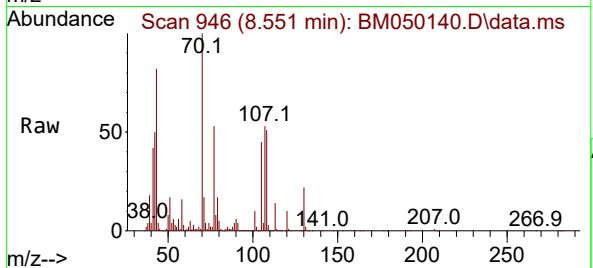




#19
n-Nitroso-di-n-propylamine
Concen: 39.568 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

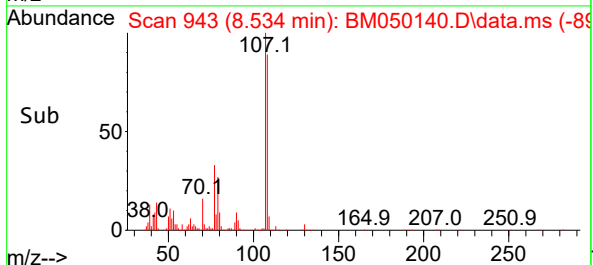
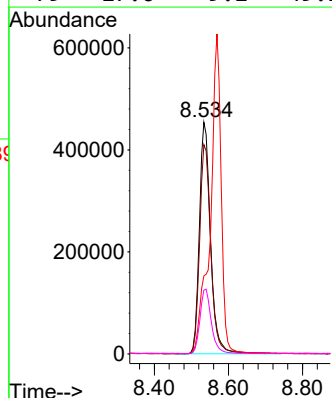
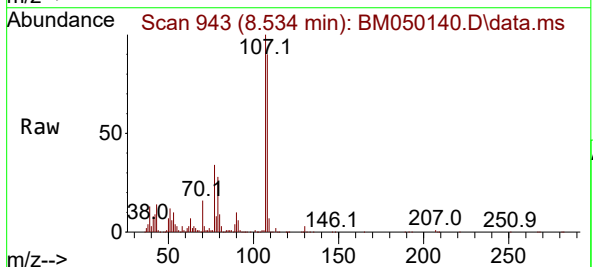
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

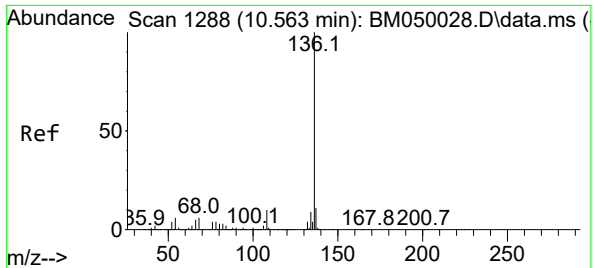
Tgt Ion: 70 Resp: 674550
Ion Ratio Lower Upper
70 100
42 50.4 40.5 60.7
101 9.8 7.8 11.6
130 21.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 107 Resp: 947336
Ion Ratio Lower Upper
107 100
108 90.3 72.4 112.4
77 33.7 13.6 53.6
79 27.6 9.2 49.2

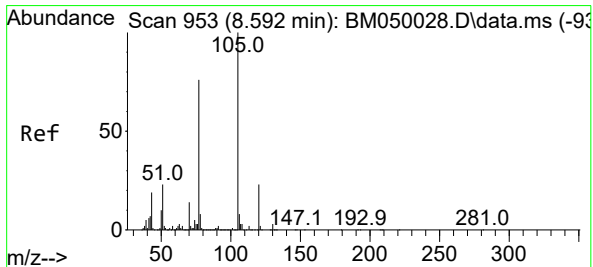
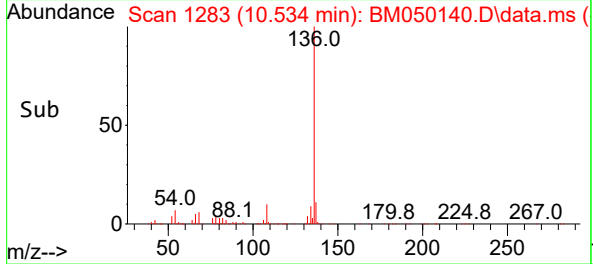
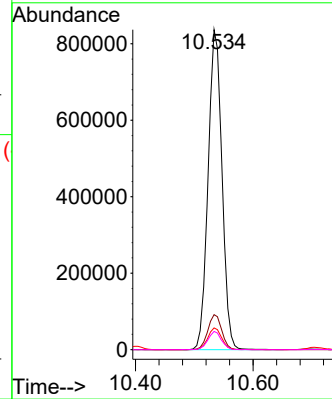
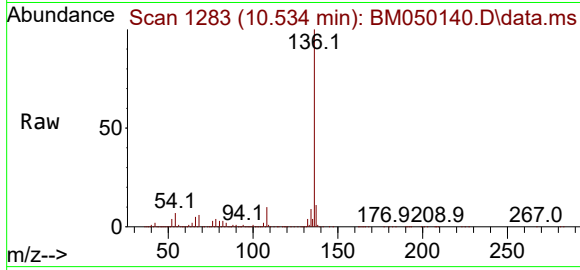




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

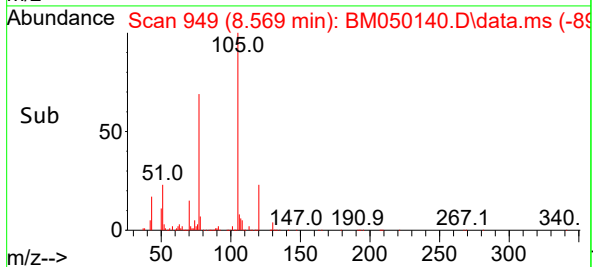
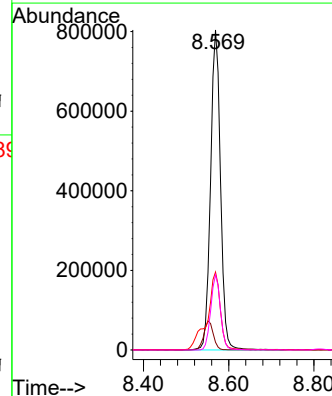
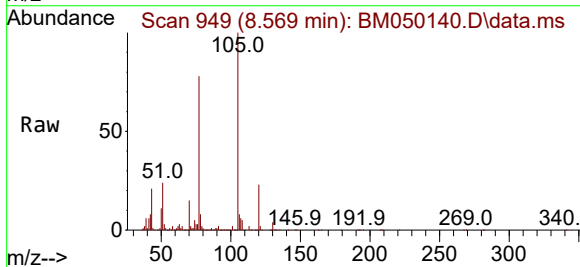
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

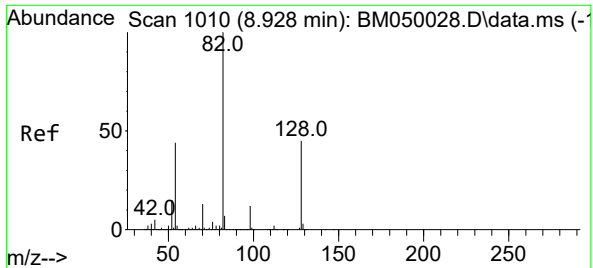
Tgt Ion:136 Resp: 1368857
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 5.1 7.7
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 38.153 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:105 Resp: 1298428
Ion Ratio Lower Upper
105 100
71 2.4 1.7 2.5
51 24.4 18.6 27.8
120 23.5 18.3 27.5





#23

Nitrobenzene-d5

Concen: 76.829 ng

RT: 8.904 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

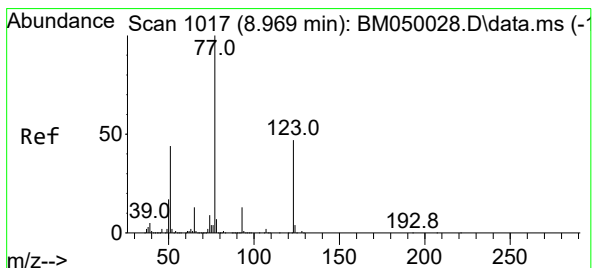
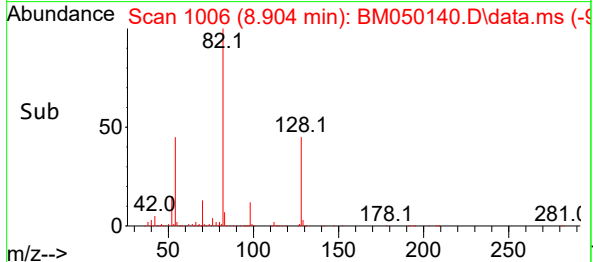
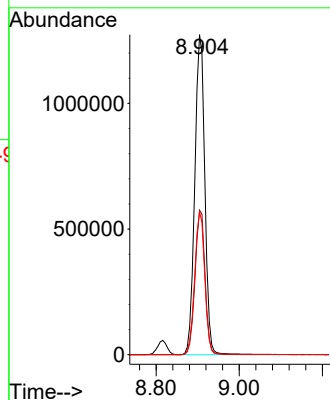
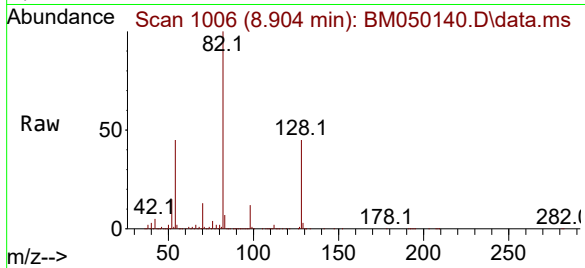
Tgt Ion: 82 Resp: 2134237

Ion Ratio Lower Upper

82 100

128 45.2 35.7 53.5

54 44.7 35.4 53.2



#24

Nitrobenzene

Concen: 38.408 ng

RT: 8.945 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

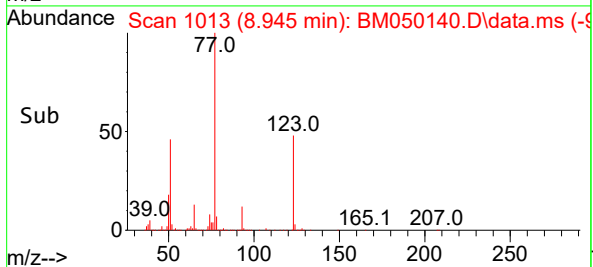
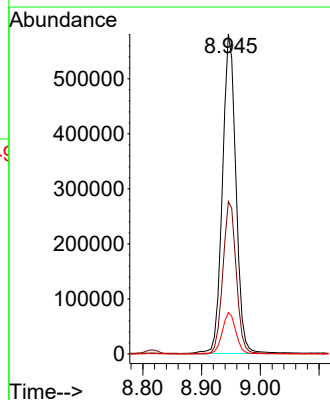
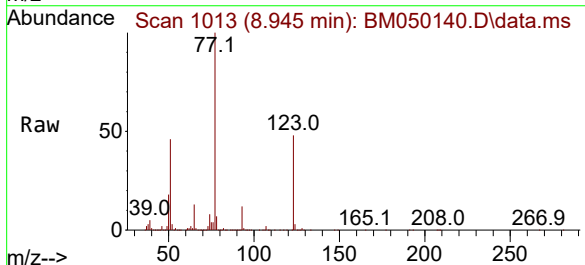
Tgt Ion: 77 Resp: 922534

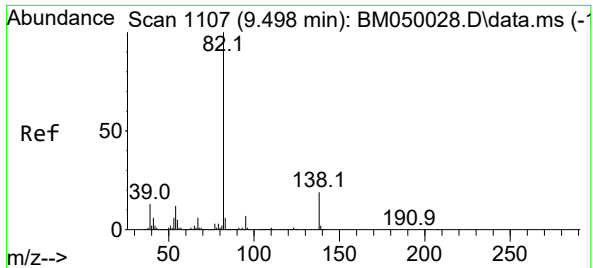
Ion Ratio Lower Upper

77 100

123 47.6 37.9 56.9

65 12.9 10.1 15.1

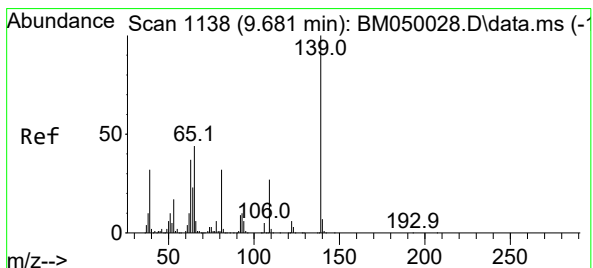
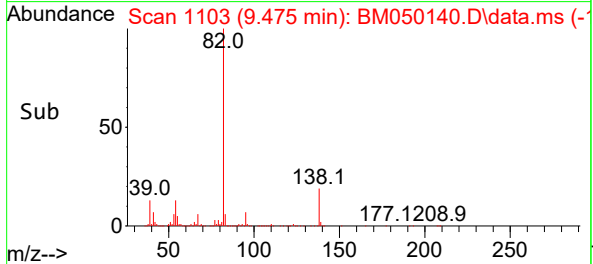
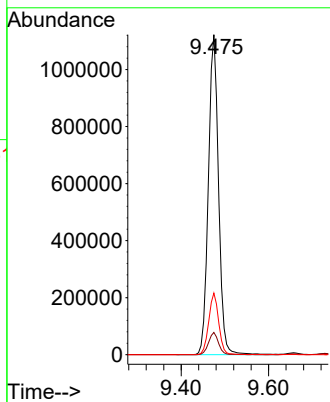
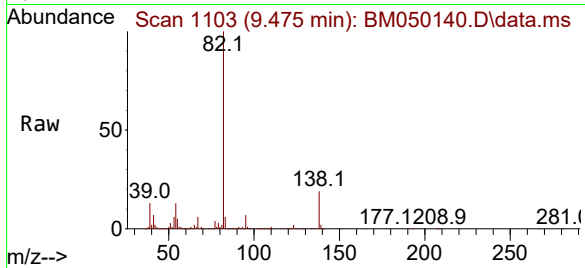




#25
Isophorone
Concen: 38.333 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

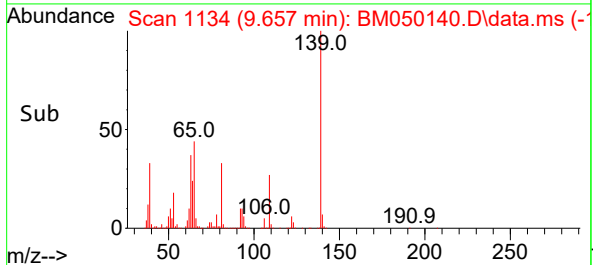
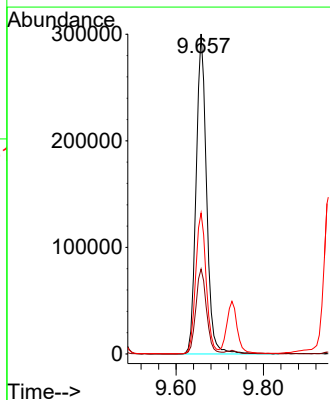
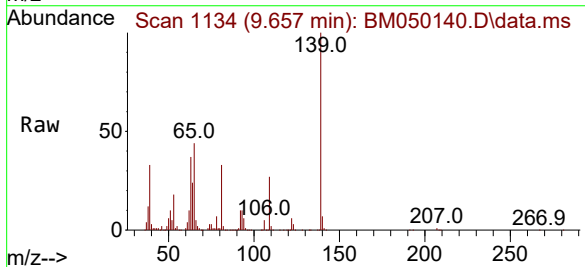
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

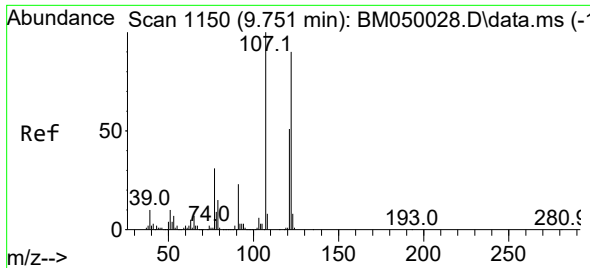
Tgt Ion: 82 Resp: 1815169
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 40.755 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 139 Resp: 500100
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 44.1 35.4 53.2

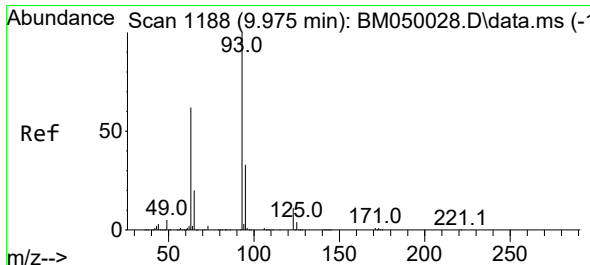
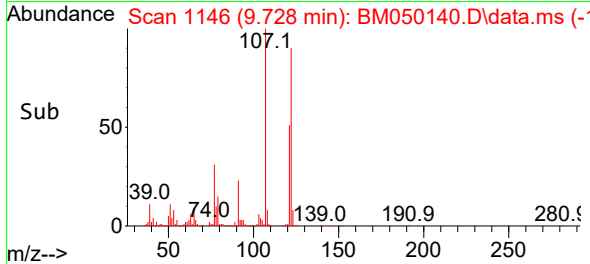
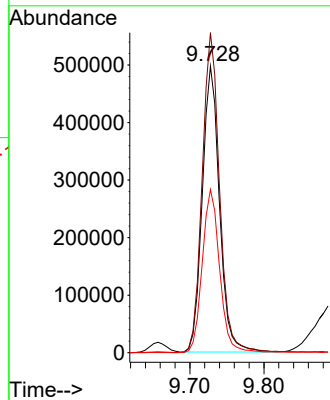
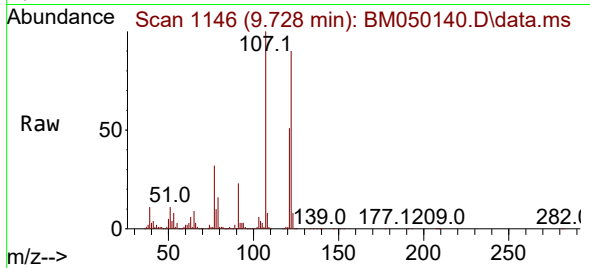




#27
2,4-Dimethylphenol
Concen: 39.354 ng
RT: 9.728 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

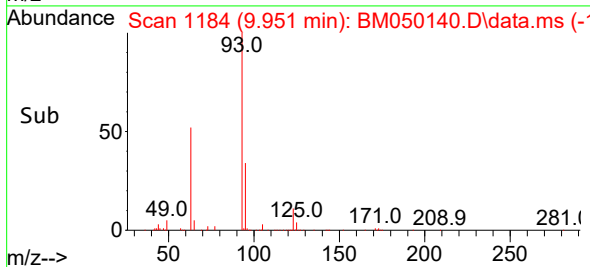
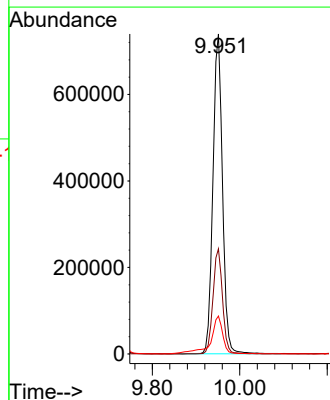
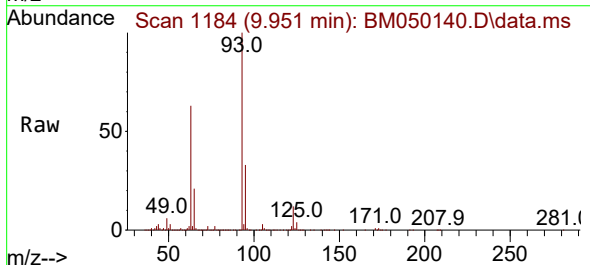
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

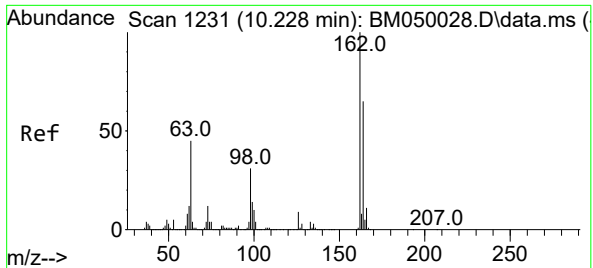
Tgt Ion:122 Resp: 800845
Ion Ratio Lower Upper
122 100
107 111.6 89.0 133.6
121 56.9 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.454 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 93 Resp: 1125441
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 38.708 ng

RT: 10.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

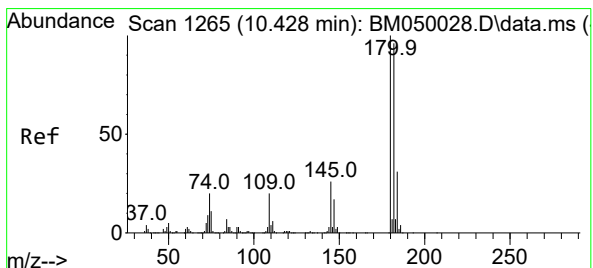
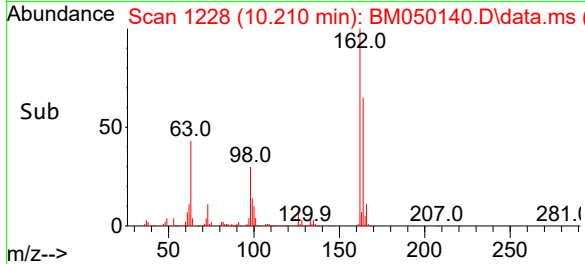
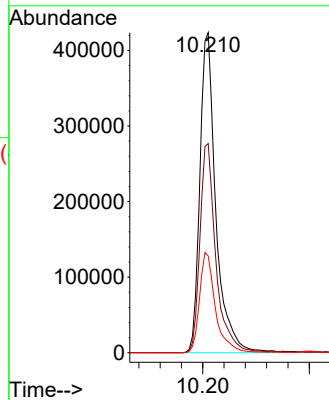
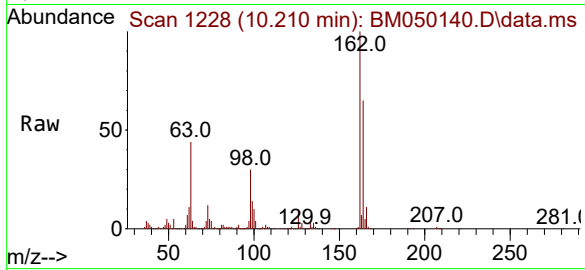
Tgt Ion:162 Resp: 882444

Ion Ratio Lower Upper

162 100

164 65.4 45.4 85.4

98 30.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 37.563 ng

RT: 10.404 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

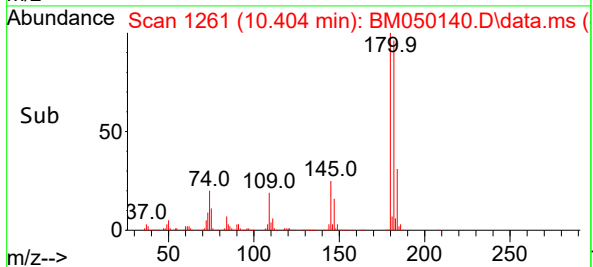
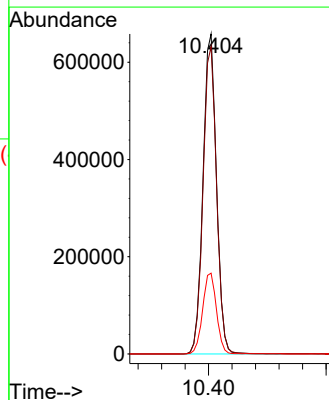
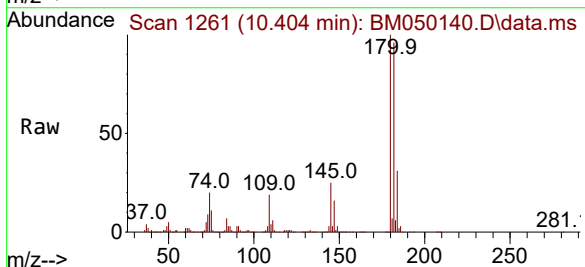
Tgt Ion:180 Resp: 1043351

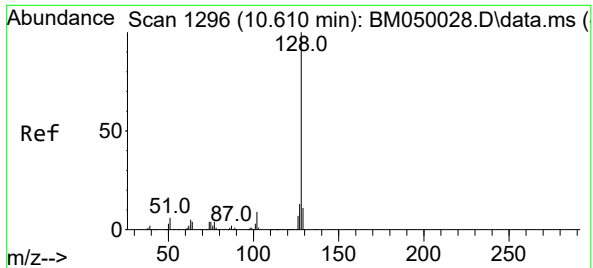
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

145 25.3 20.6 30.8

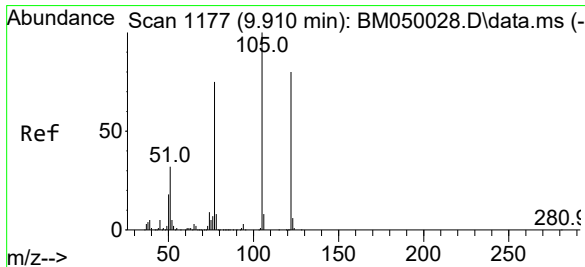
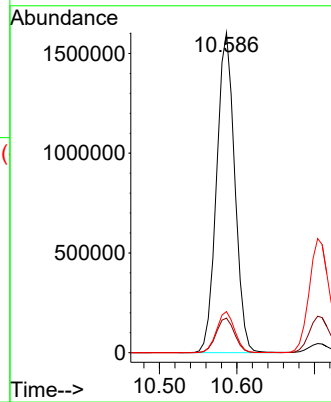
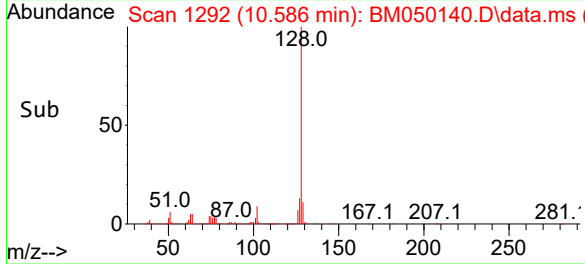
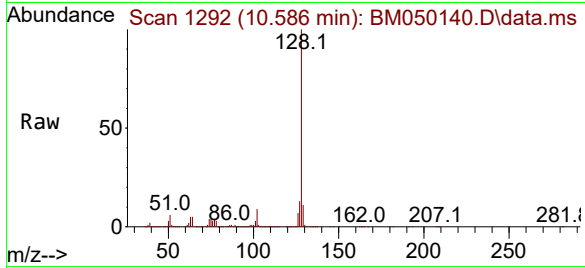




#31
Naphthalene
Concen: 37.486 ng
RT: 10.586 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

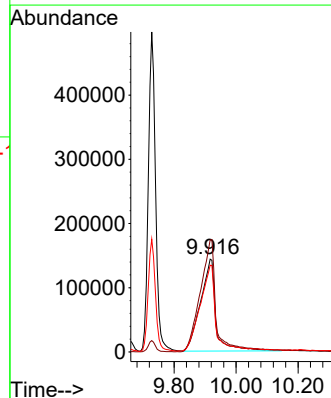
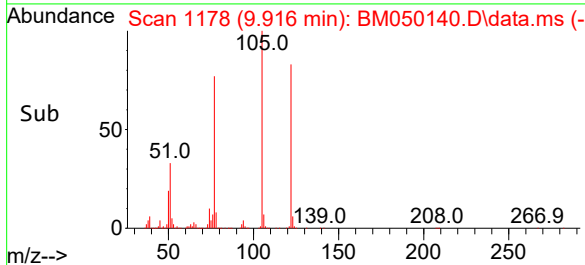
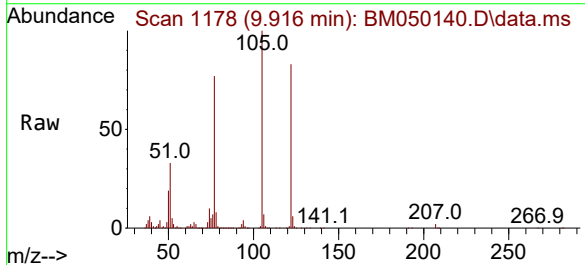
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

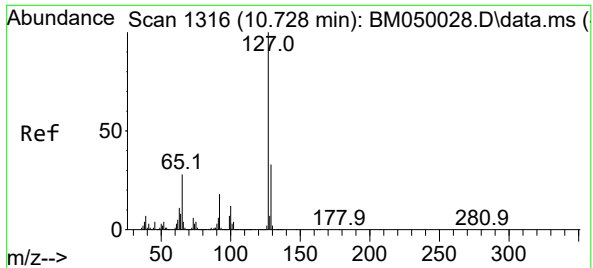
Tgt Ion:128 Resp: 2598647
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 38.186 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:122 Resp: 496992
Ion Ratio Lower Upper
122 100
105 120.6 103.6 143.6
77 93.4 73.7 113.7



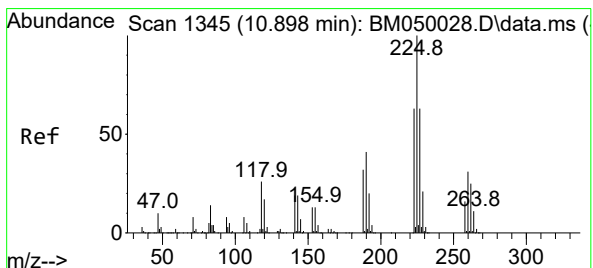
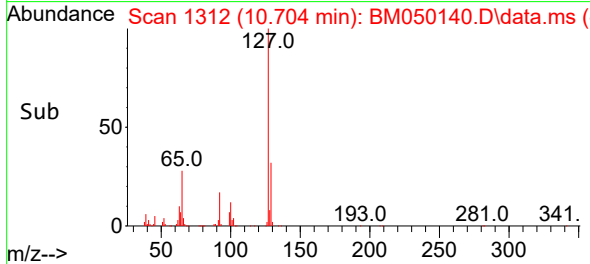
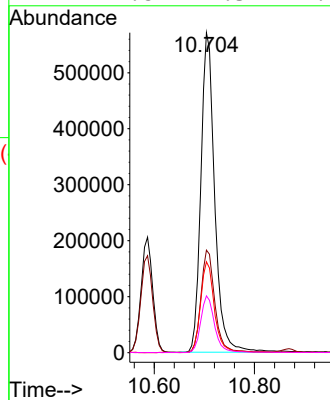
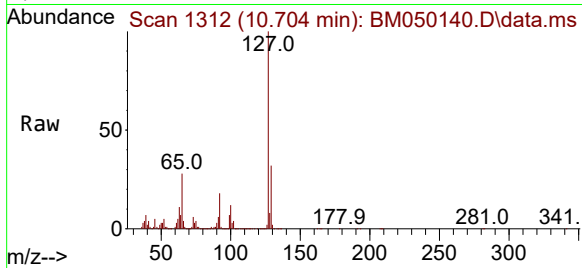


#33
4-Chloroaniline
Concen: 38.483 ng
RT: 10.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1093472

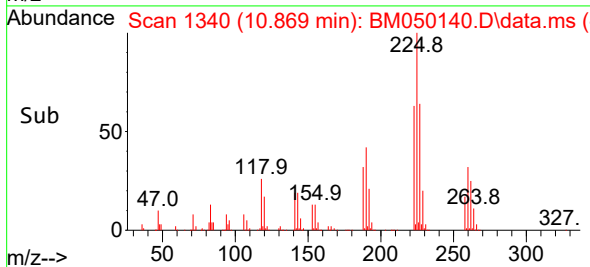
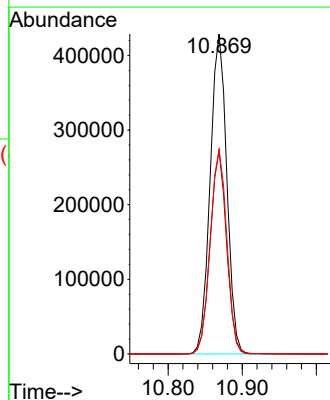
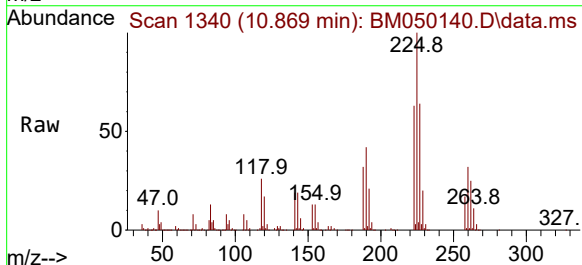
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	28.4	22.5	33.7
92	17.8	14.5	21.7

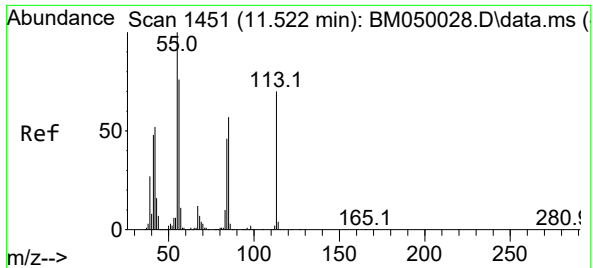


#34
Hexachlorobutadiene
Concen: 37.817 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:225 Resp: 666762

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	64.0	50.6	76.0





#35

Caprolactam

Concen: 37.121 ng

RT: 11.516 min Scan# 14

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

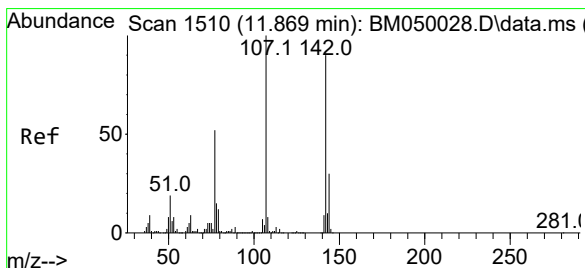
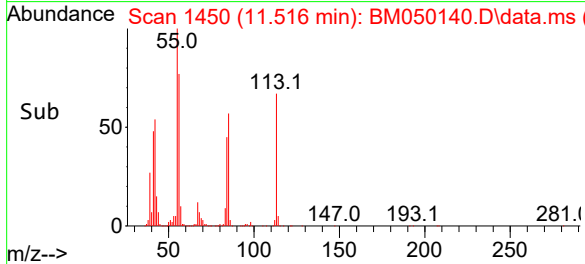
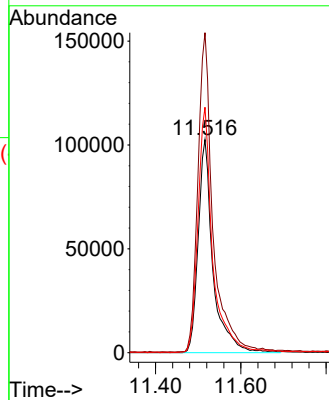
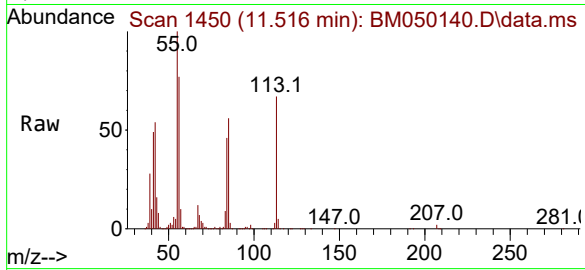
Tgt Ion:113 Resp: 246749

Ion Ratio Lower Upper

113 100

55 150.2 122.9 162.9

56 115.2 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 38.140 ng

RT: 11.857 min Scan# 1508

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

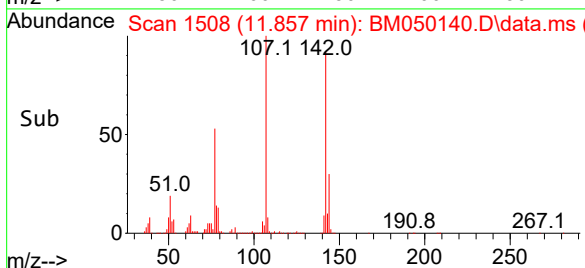
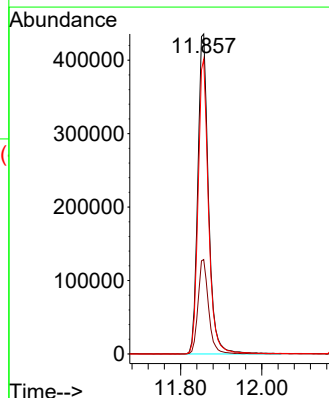
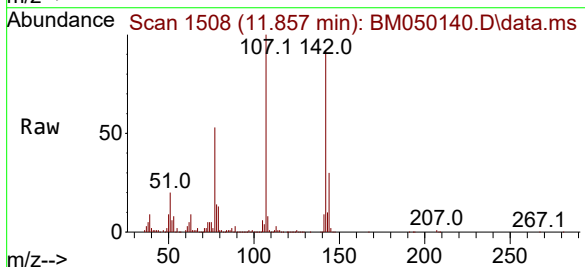
Tgt Ion:107 Resp: 803329

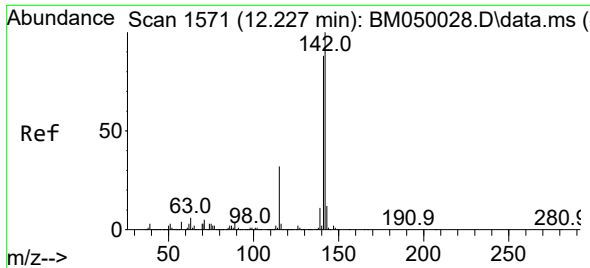
Ion Ratio Lower Upper

107 100

144 29.5 23.8 35.6

142 92.1 71.9 107.9

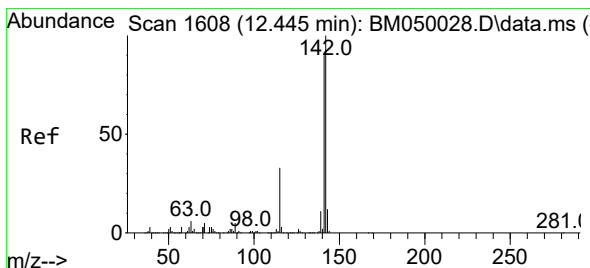
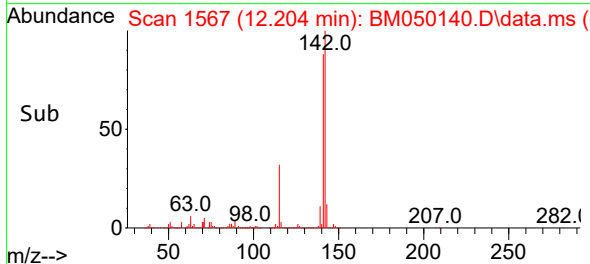
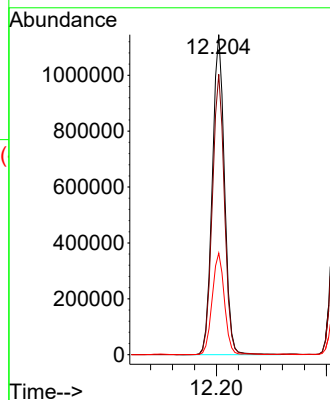
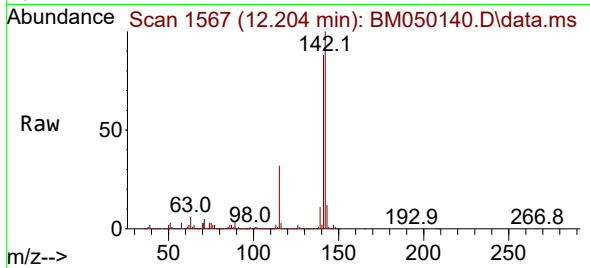




#37
2-Methylnaphthalene
Concen: 37.896 ng
RT: 12.204 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

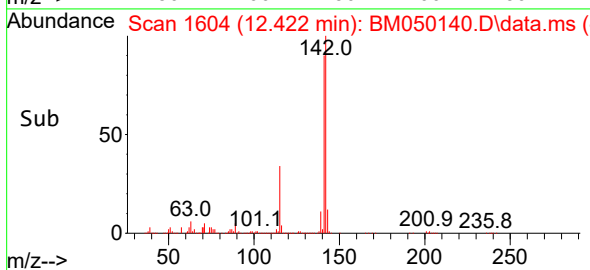
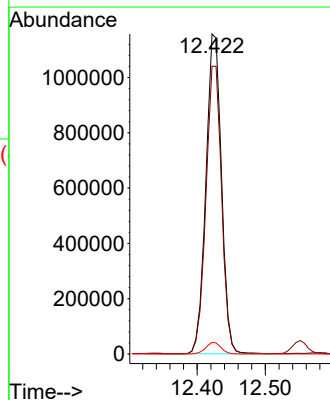
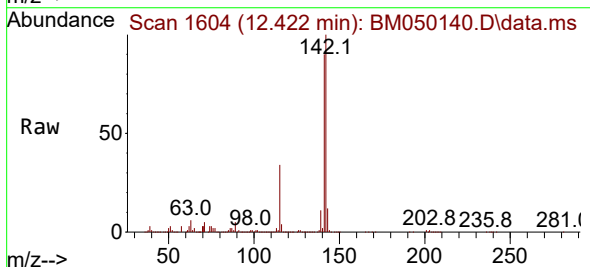
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

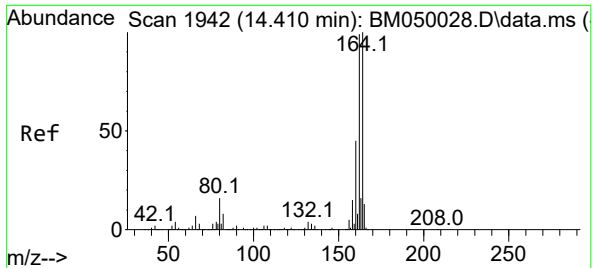
Tgt Ion:142 Resp: 1761314
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 37.410 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:142 Resp: 1840027
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1
116 3.6 2.7 4.1

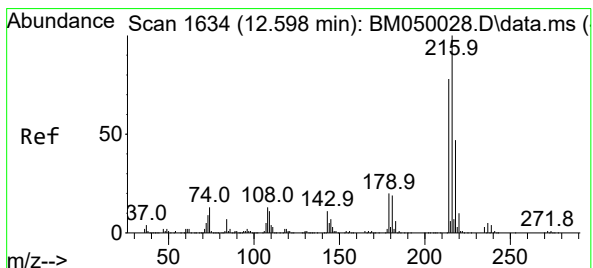
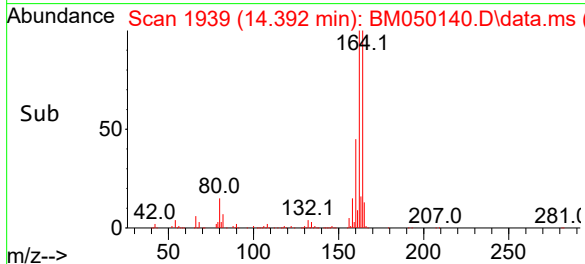
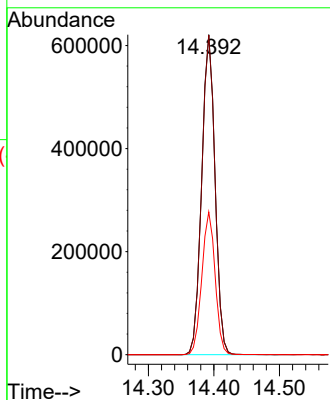
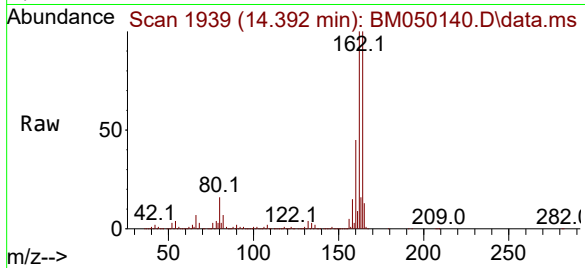




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

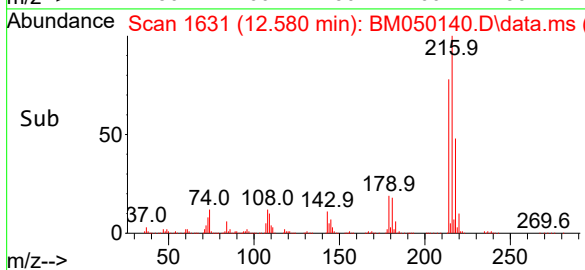
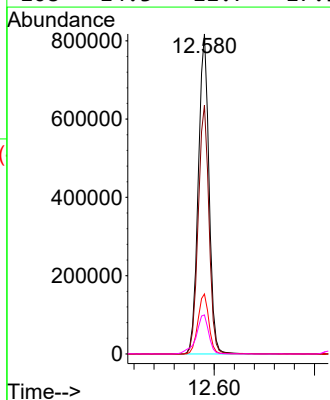
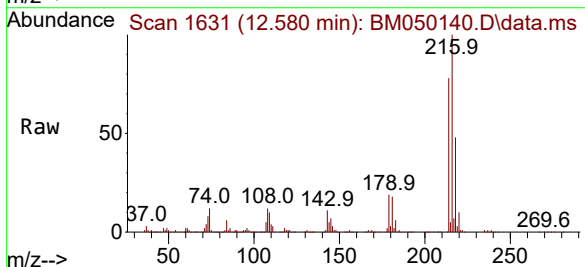
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

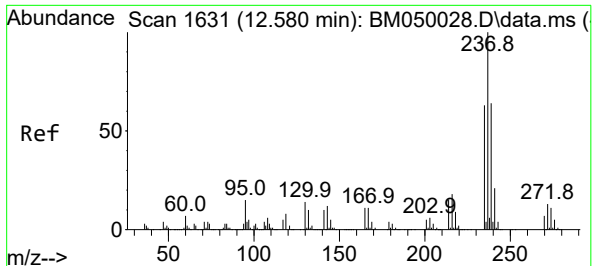
Tgt Ion:164 Resp: 879874
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.649 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:216 Resp: 1207652
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 19.2 15.4 23.0
108 14.3 11.7 17.5

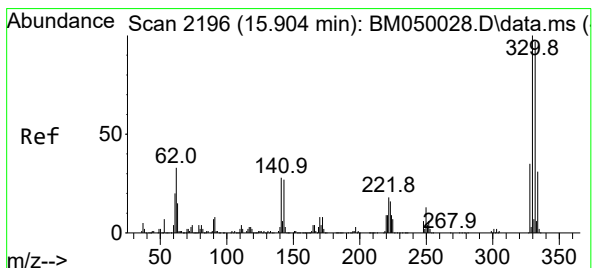
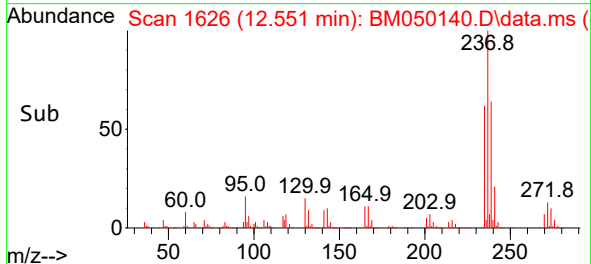
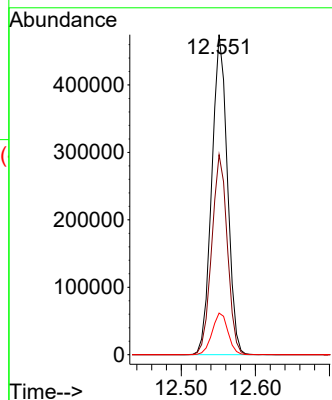
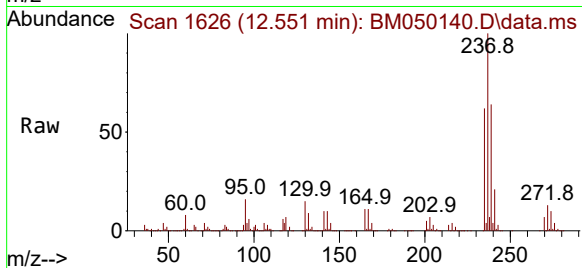




#41
Hexachlorocyclopentadiene
Concen: 37.227 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

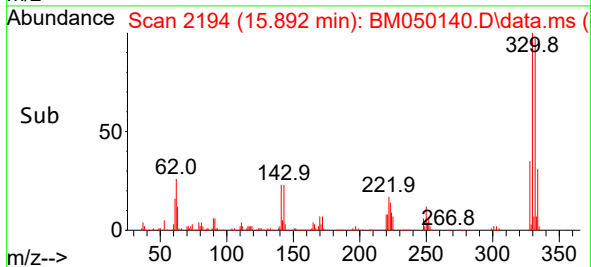
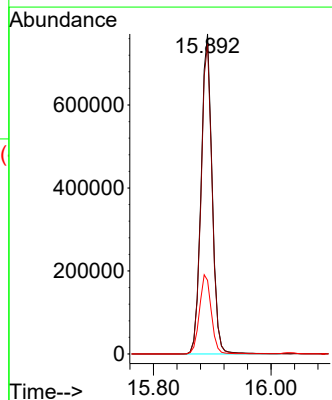
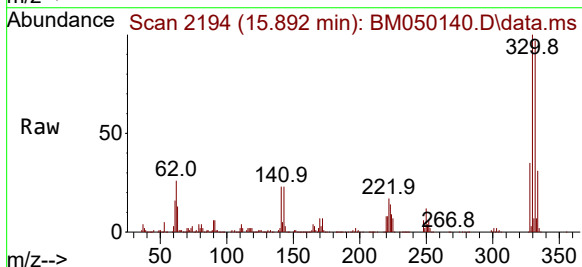
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

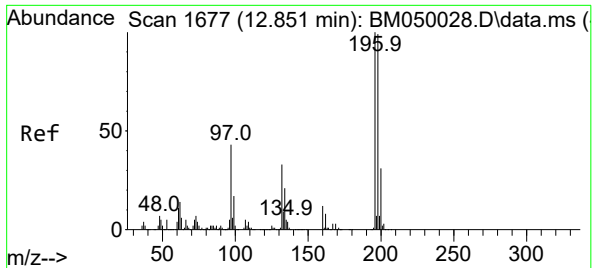
Tgt Ion:237 Resp: 692945
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 77.306 ng
RT: 15.892 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:330 Resp: 1005758
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 26.5 22.5 33.7

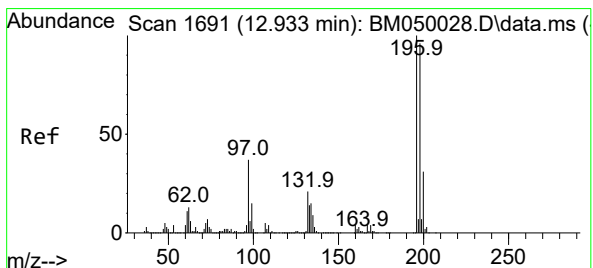
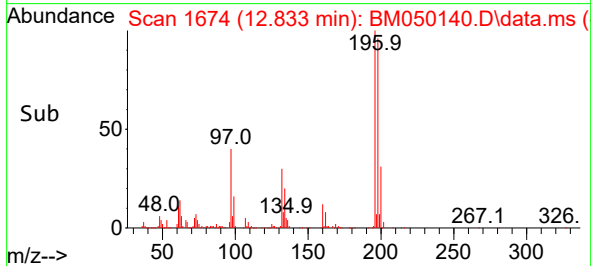
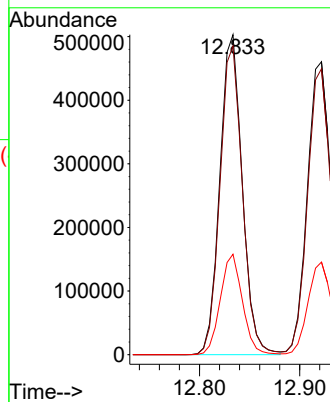
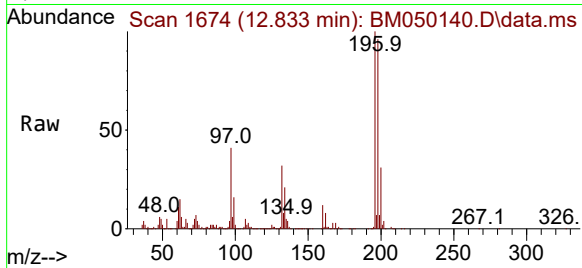




#43
2,4,6-Trichlorophenol
Concen: 40.452 ng
RT: 12.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

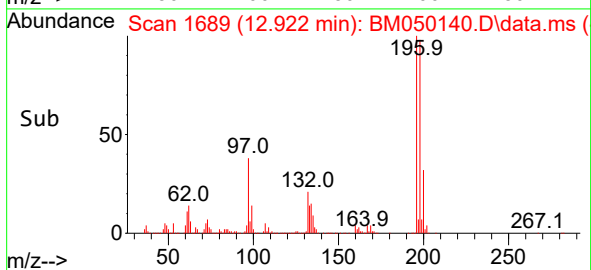
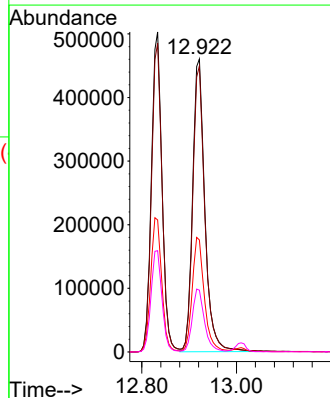
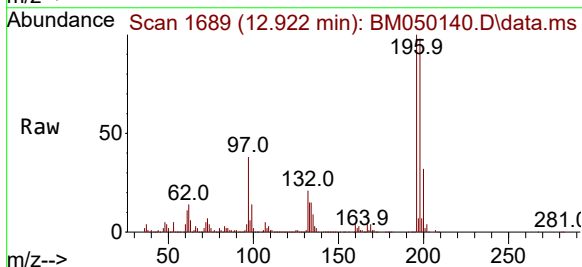
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

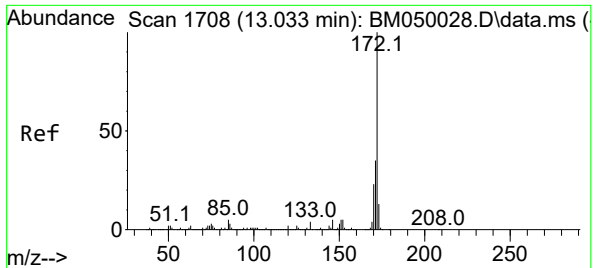
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.0	118.6
200	31.4	25.1	37.7



#44
2,4,5-Trichlorophenol
Concen: 39.727 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.7	115.1
97	38.2	30.1	45.1
132	21.1	16.6	25.0

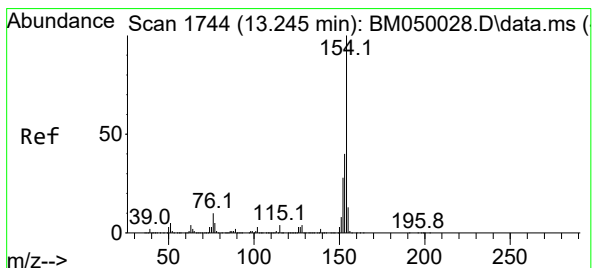
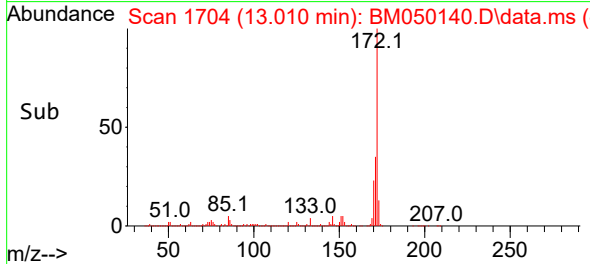
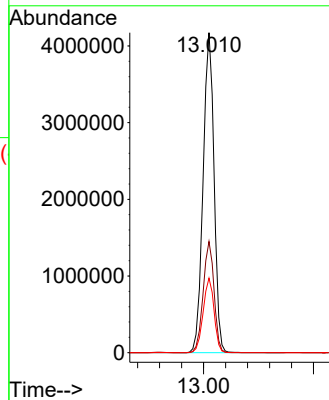
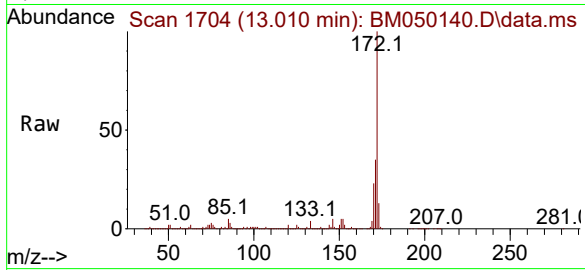




#45
2-Fluorobiphenyl
Concen: 77.598 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

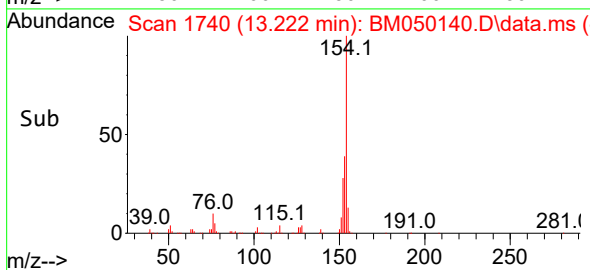
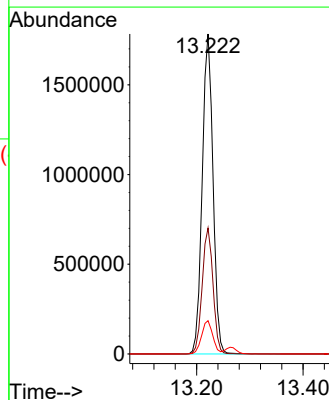
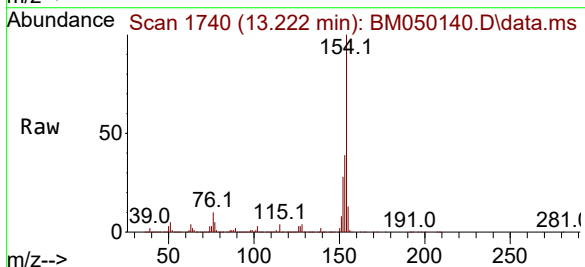
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

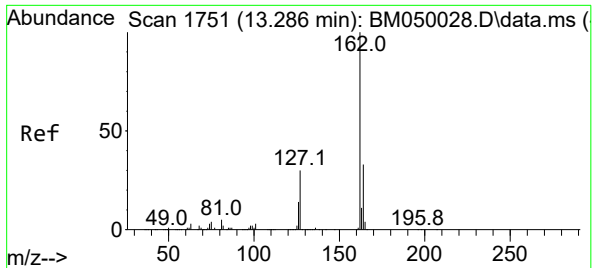
Tgt Ion:172 Resp: 5771543
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.256 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:154 Resp: 2502138
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 10.4 0.0 30.3

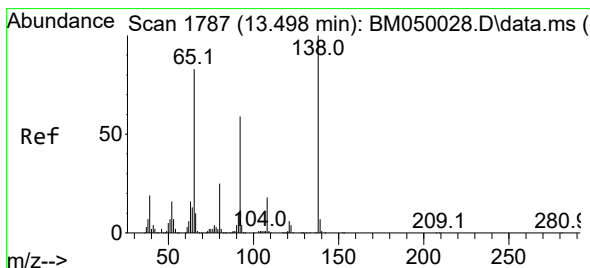
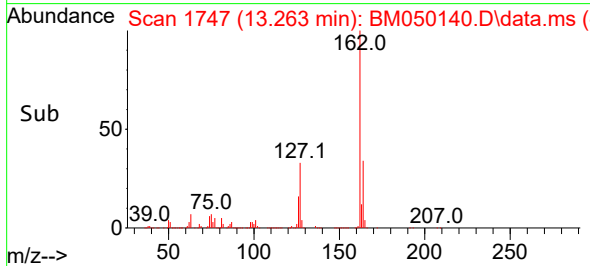
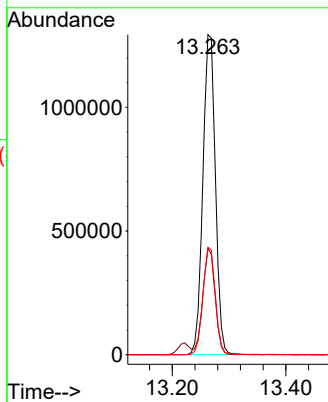
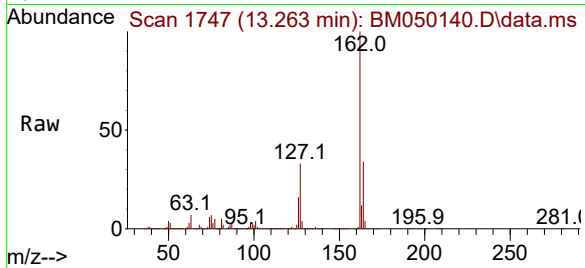




#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 13.263 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

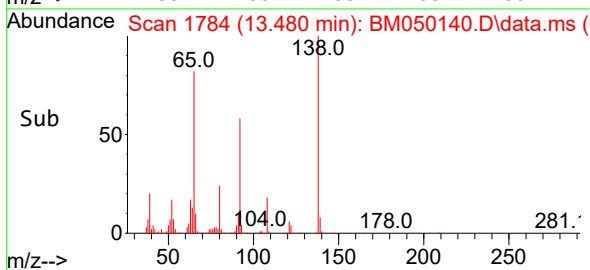
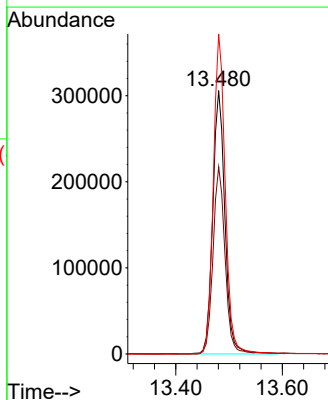
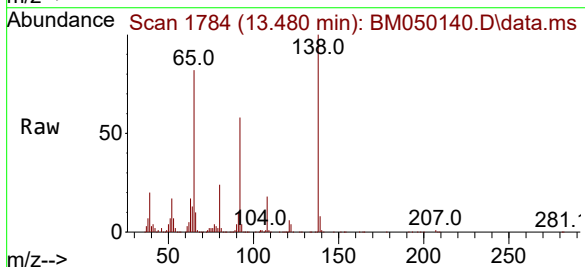
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

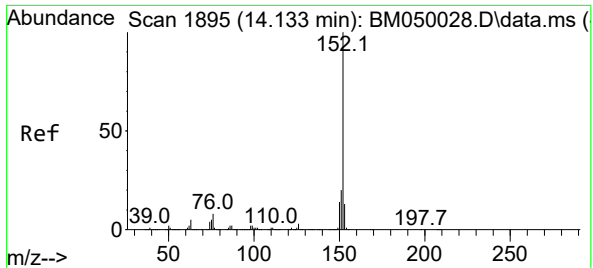
Tgt Ion:162 Resp: 1978827
Ion Ratio Lower Upper
162 100
127 33.2 25.9 38.9
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 40.071 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 65 Resp: 487178
Ion Ratio Lower Upper
65 100
92 71.0 57.1 85.7
138 121.5 97.0 145.4

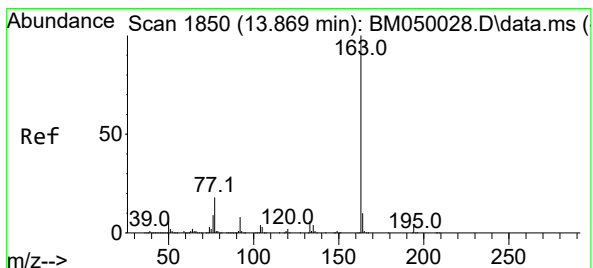
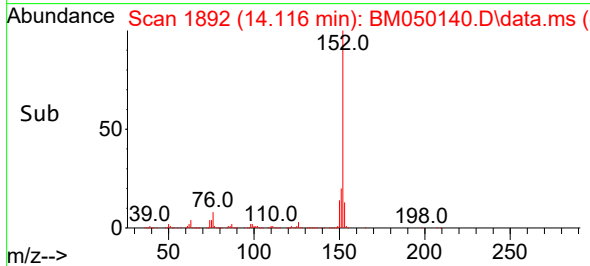
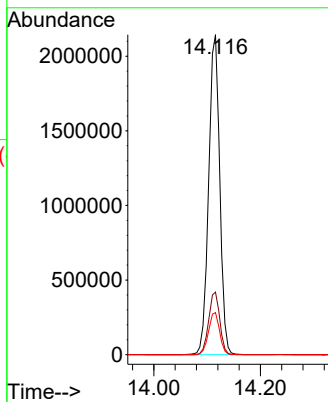
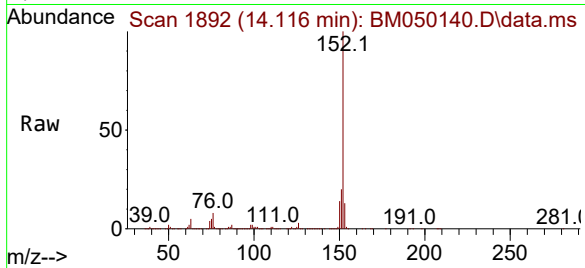




#49
Acenaphthylene
Concen: 37.967 ng
RT: 14.116 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

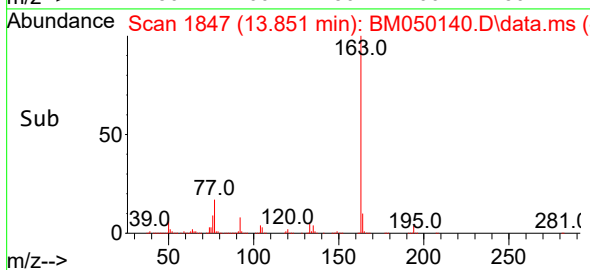
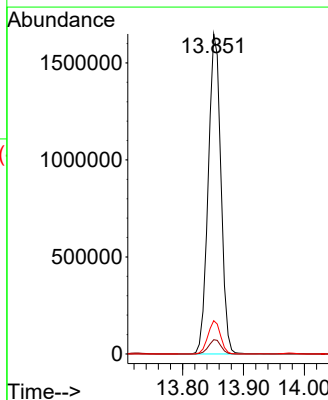
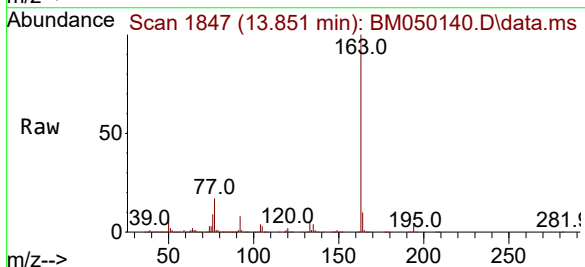
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

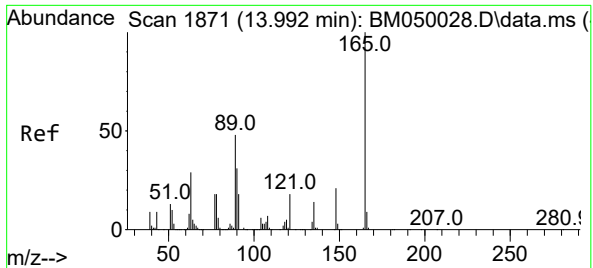
Tgt Ion:152 Resp: 3100974
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 37.016 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:163 Resp: 2380206
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 8.2 12.2

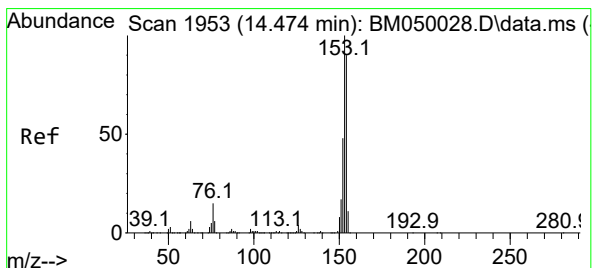
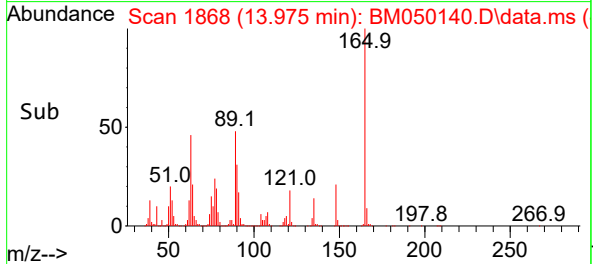
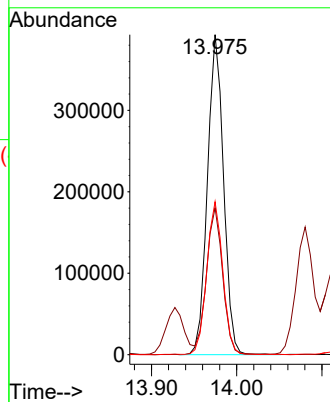
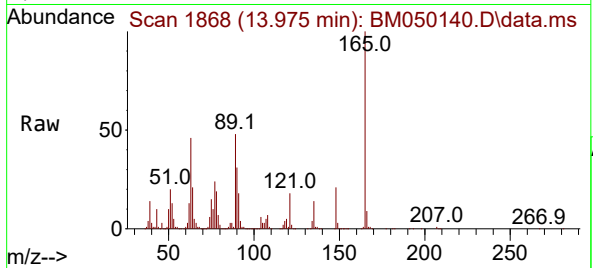




#51
2,6-Dinitrotoluene
Concen: 38.760 ng
RT: 13.975 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

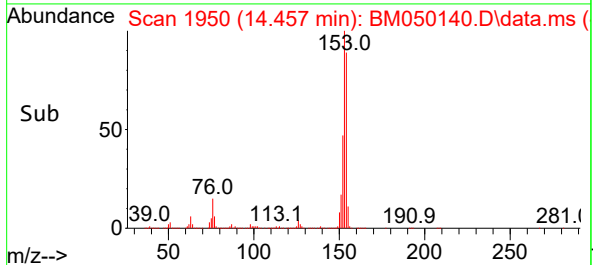
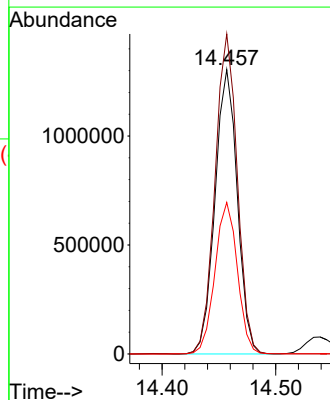
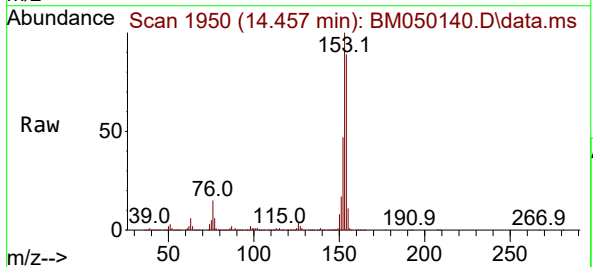
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

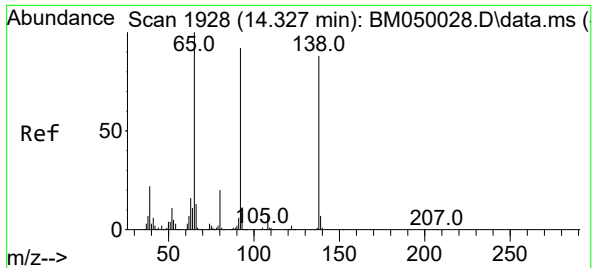
Tgt Ion:165 Resp: 516023
Ion Ratio Lower Upper
165 100
63 45.9 35.1 52.7
89 47.8 38.4 57.6



#52
Acenaphthene
Concen: 37.658 ng
RT: 14.457 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:154 Resp: 1780304
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 53.3 43.0 64.6

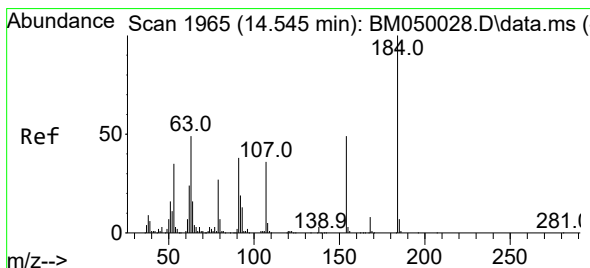
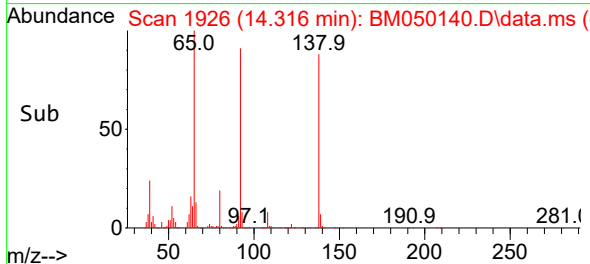
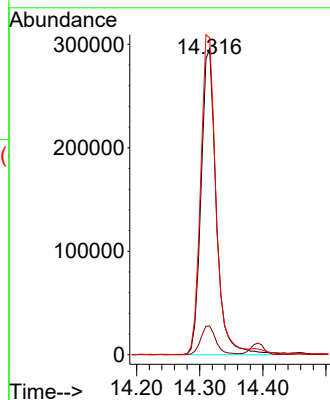
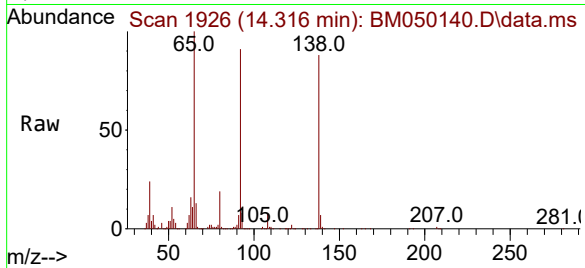




#53
3-Nitroaniline
Concen: 38.978 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

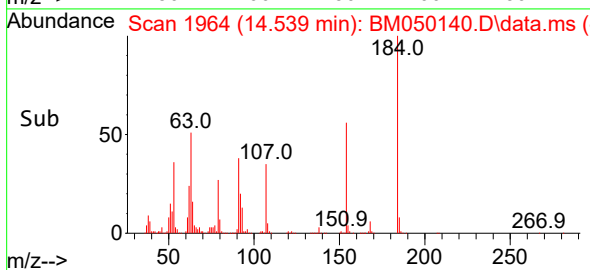
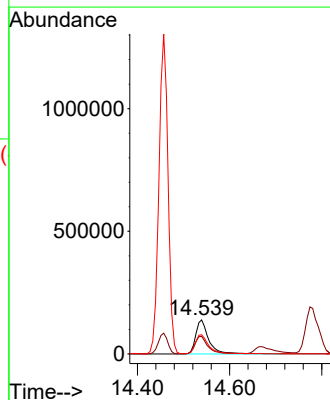
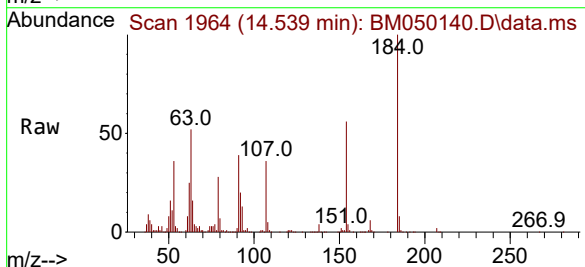
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

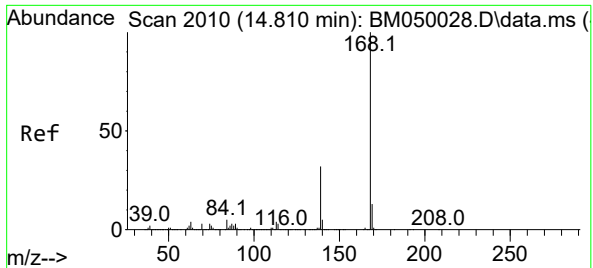
Tgt Ion:138 Resp: 495431
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.2
92 103.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 35.437 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:184 Resp: 272567
Ion Ratio Lower Upper
184 100
63 51.8 39.8 59.6
154 56.2 46.1 69.1

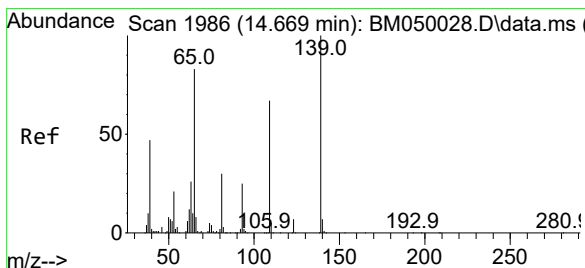
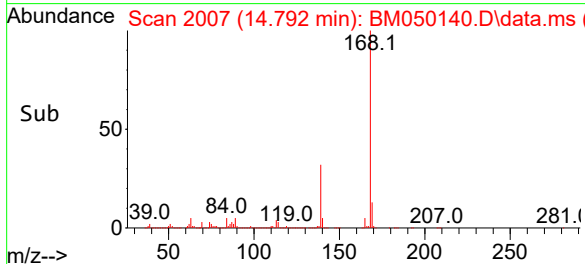
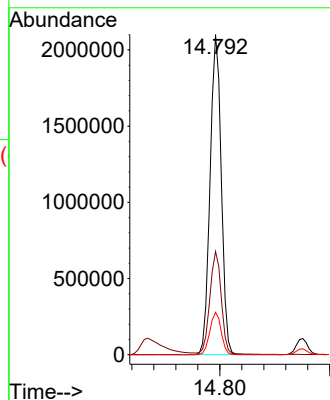
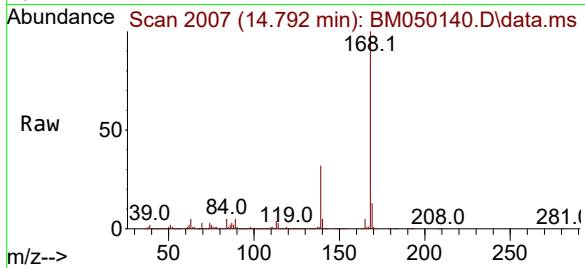




#55
Dibenzofuran
Concen: 37.591 ng
RT: 14.792 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

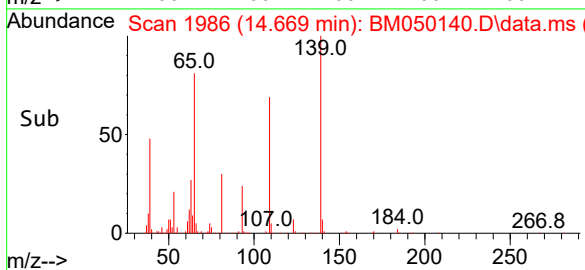
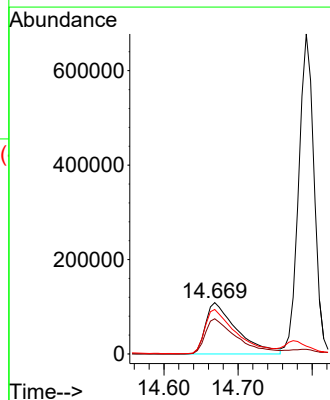
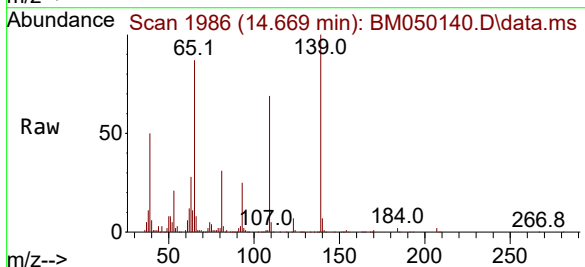
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

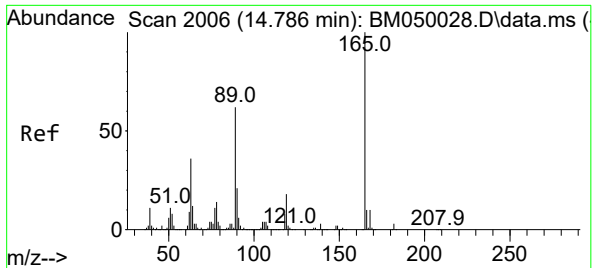
Tgt Ion:168 Resp: 2956841
Ion Ratio Lower Upper
168 100
139 32.3 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 33.657 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:139 Resp: 319245
Ion Ratio Lower Upper
139 100
109 68.6 47.0 87.0
65 86.7 64.3 104.3

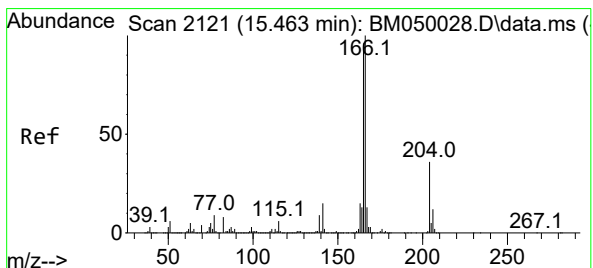
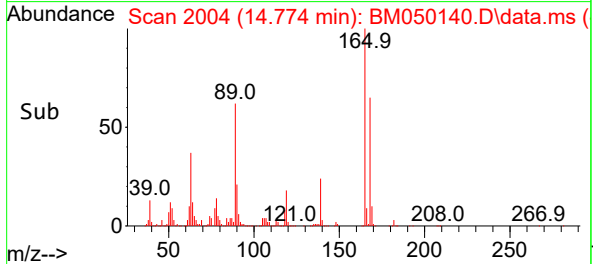
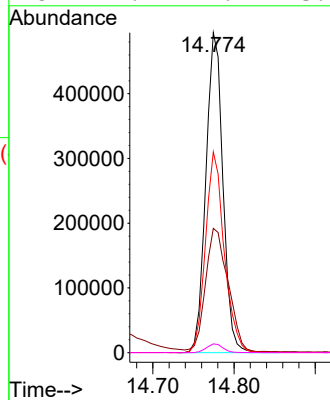
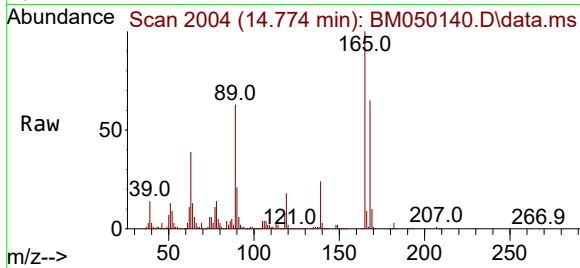




#57
2,4-Dinitrotoluene
Concen: 39.126 ng
RT: 14.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

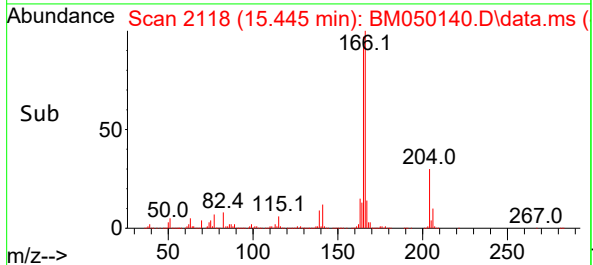
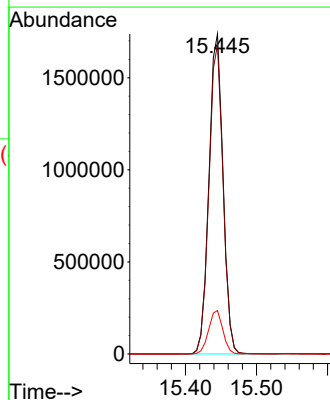
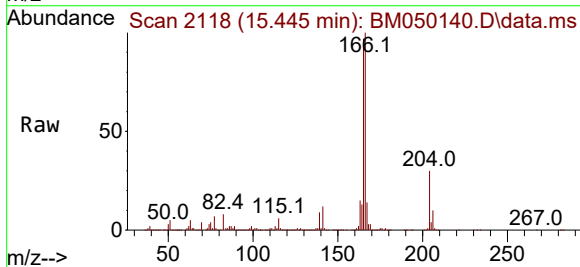
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

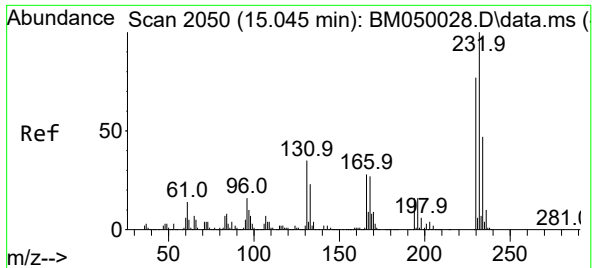
Tgt Ion:165 Resp: 719782
Ion Ratio Lower Upper
165 100
63 38.8 29.0 43.6
89 62.7 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 37.305 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:166 Resp: 2401802
Ion Ratio Lower Upper
166 100
165 96.7 76.6 115.0
167 13.5 10.6 16.0

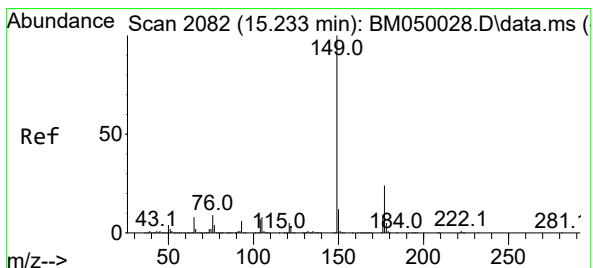
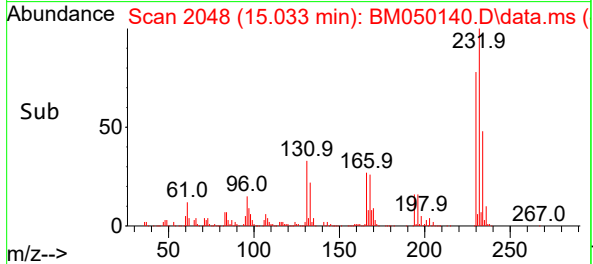
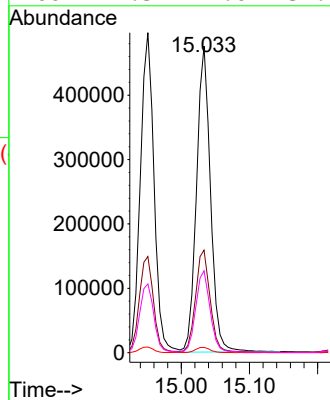
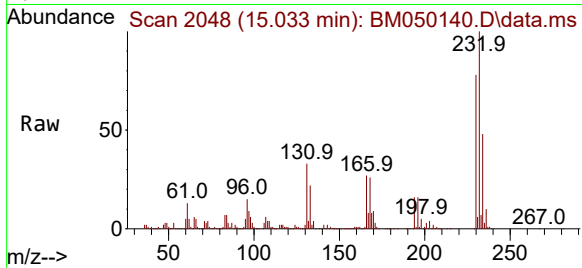




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.581 ng
RT: 15.033 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

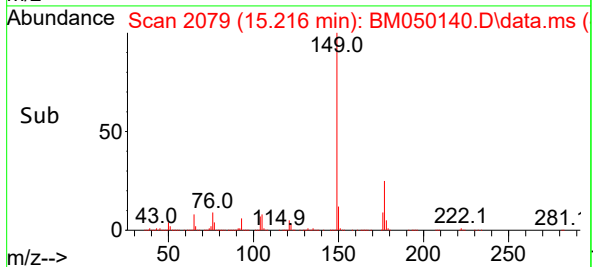
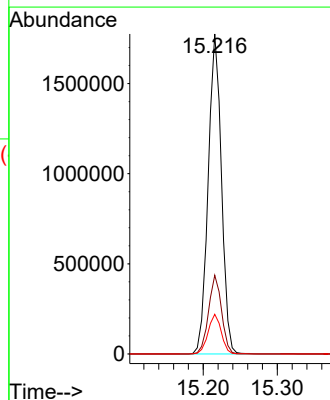
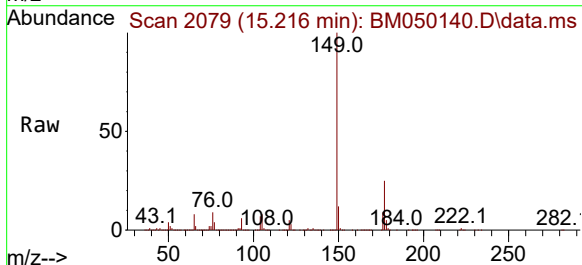
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

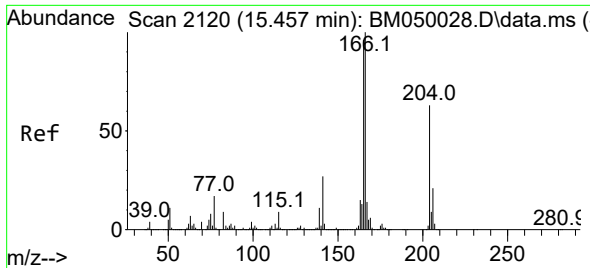
Tgt Ion:232 Resp: 677686
Ion Ratio Lower Upper
232 100
131 35.4 28.2 42.4
130 1.9 1.5 2.3
166 27.3 22.6 34.0



#60
Diethylphthalate
Concen: 36.397 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 2205320
Ion Ratio Lower Upper
149 100
177 24.6 19.1 28.7
150 12.4 9.6 14.4

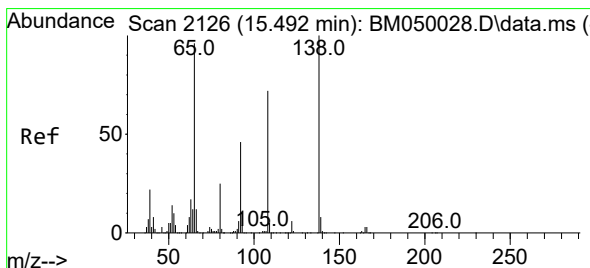
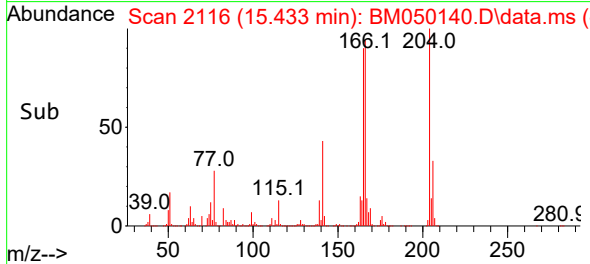
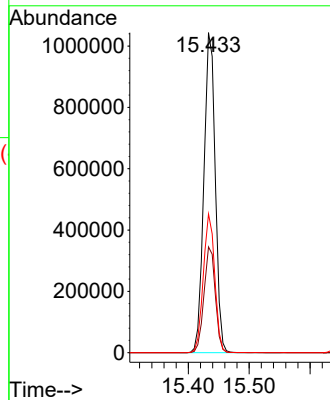
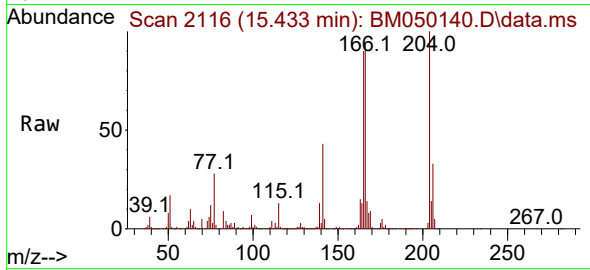




#61
4-Chlorophenyl-phenylether
Concen: 38.219 ng
RT: 15.433 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

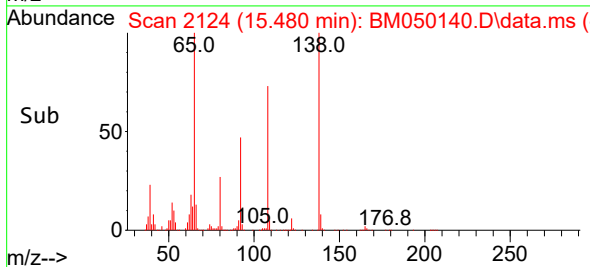
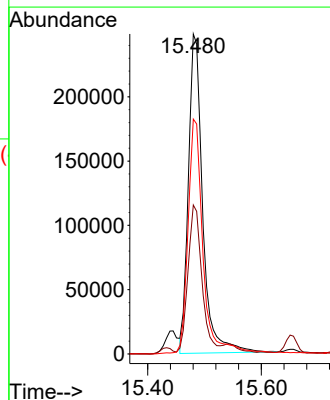
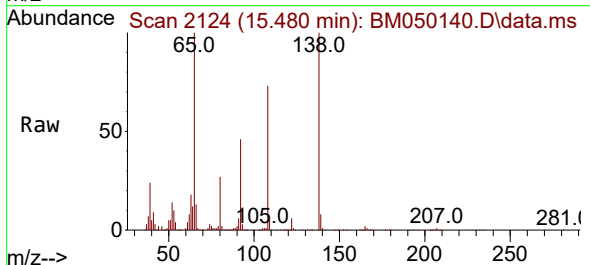
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

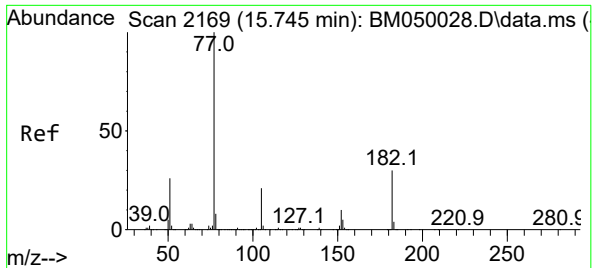
Tgt Ion:204 Resp: 1351541
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 43.3 34.0 51.0



#62
4-Nitroaniline
Concen: 35.280 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:138 Resp: 432649
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 73.4 52.4 92.4

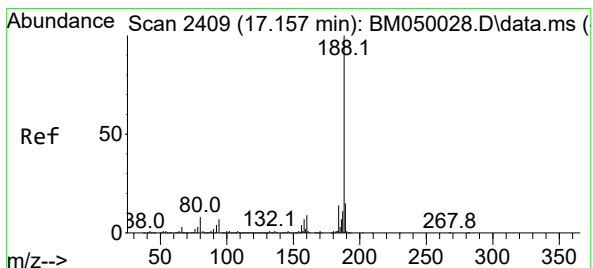
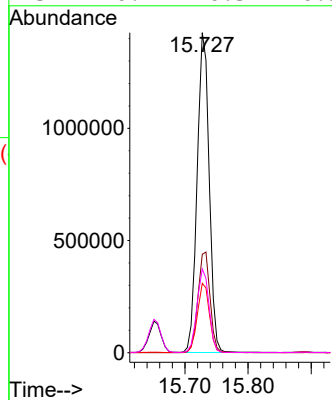
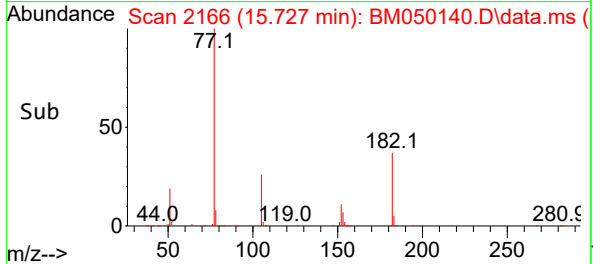
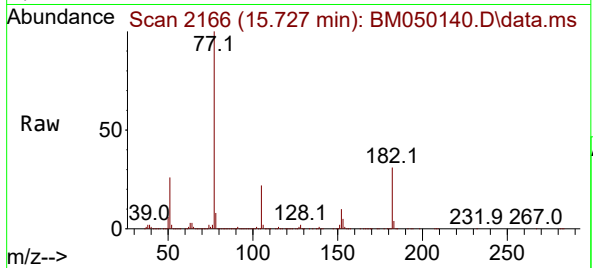




#63
Azobenzene
Concen: 37.081 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

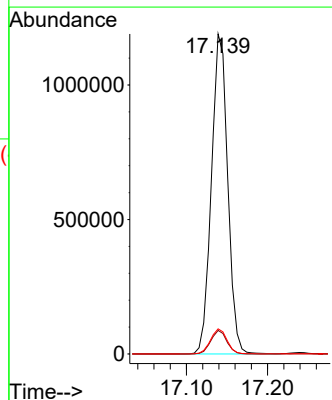
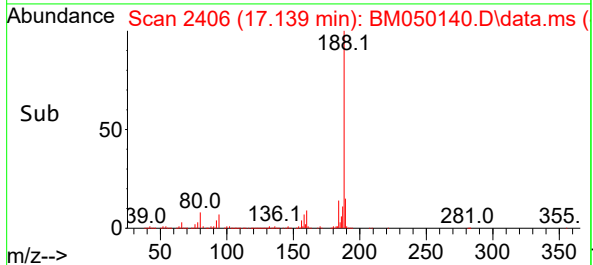
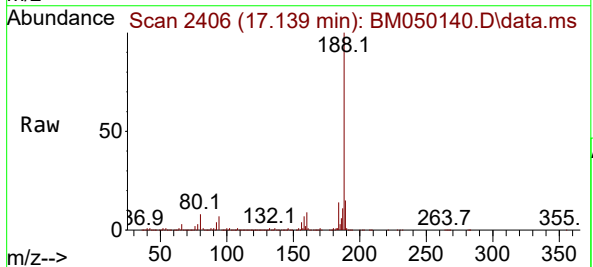
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

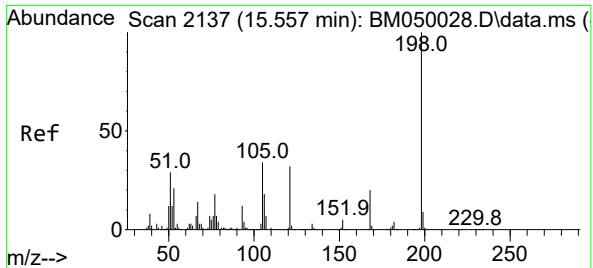
Tgt Ion: 77 Resp: 1882944
Ion Ratio Lower Upper
77 100
182 30.7 10.5 50.5
105 21.6 1.1 41.1
51 26.2 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:188 Resp: 1654930
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 6.2 9.4

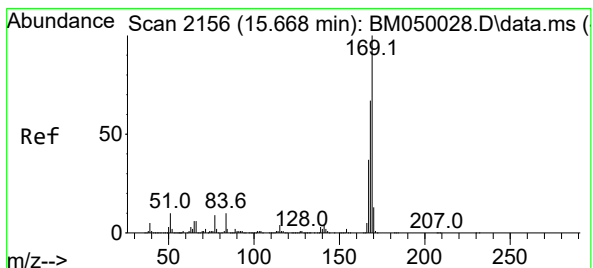
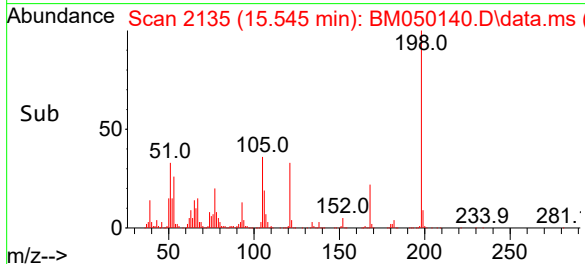
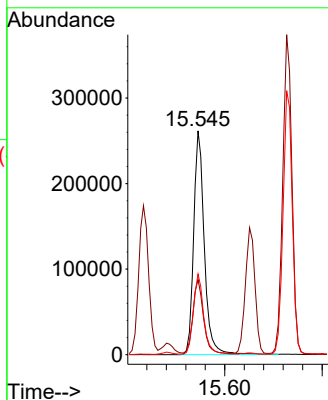
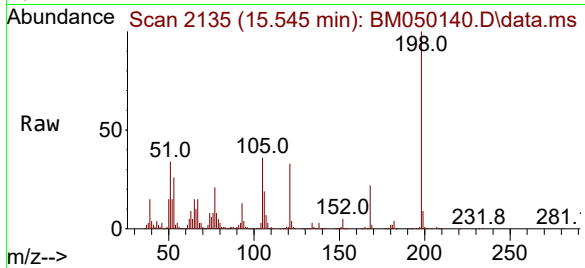




#65
4,6-Dinitro-2-methylphenol
Concen: 38.684 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

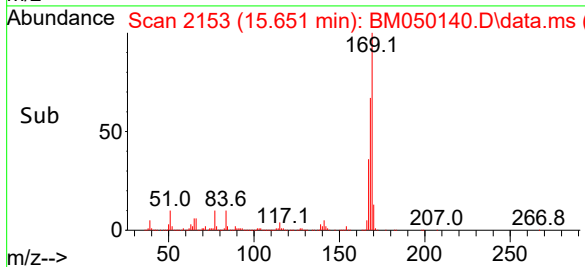
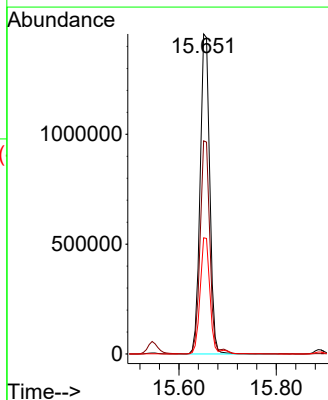
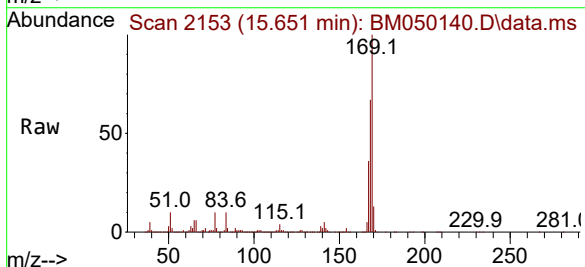
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

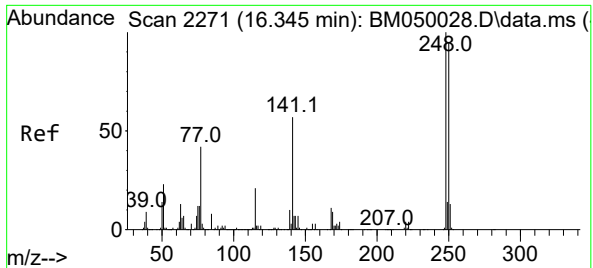
Tgt Ion:198 Resp: 400737
Ion Ratio Lower Upper
198 100
51 33.6 10.4 50.4
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 39.272 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:169 Resp: 1995726
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.3 29.4 44.0

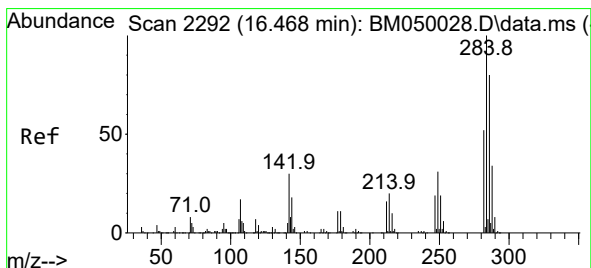
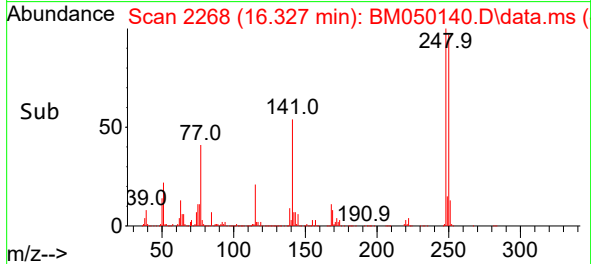
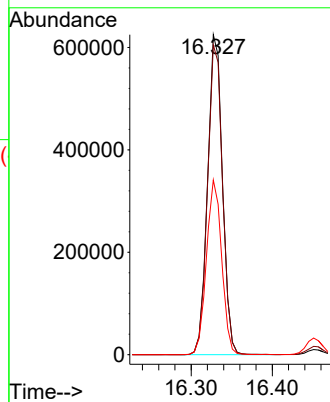
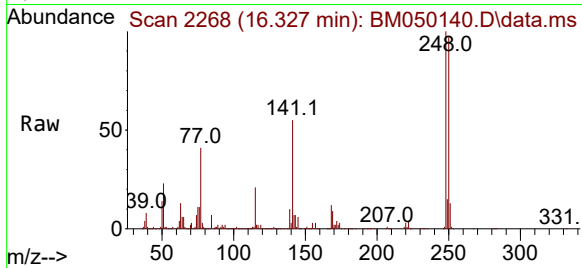




#67
4-Bromophenyl-phenylether
Concen: 39.646 ng
RT: 16.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

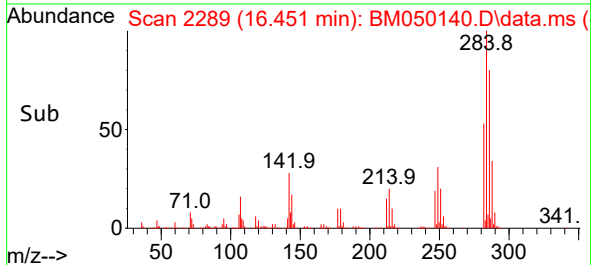
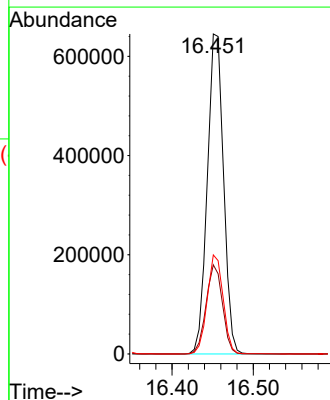
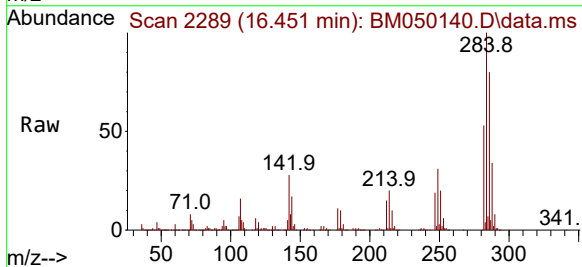
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

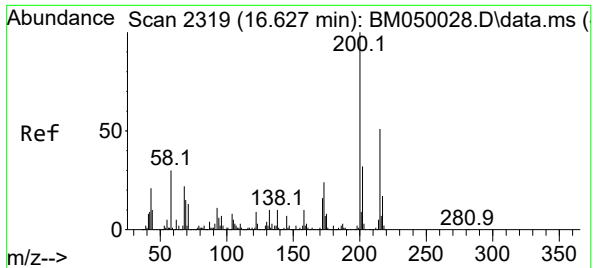
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.2	114.2
141	54.6	45.9	68.9



#68
Hexachlorobenzene
Concen: 38.846 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.9	35.9
249	31.0	24.5	36.7





#69

Atrazine

Concen: 38.293 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

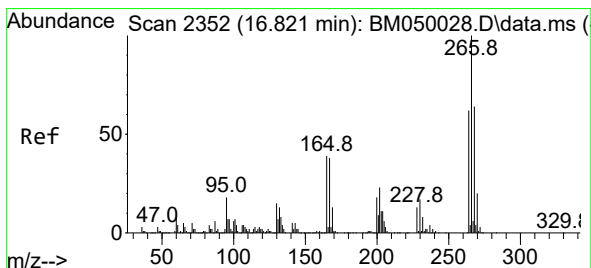
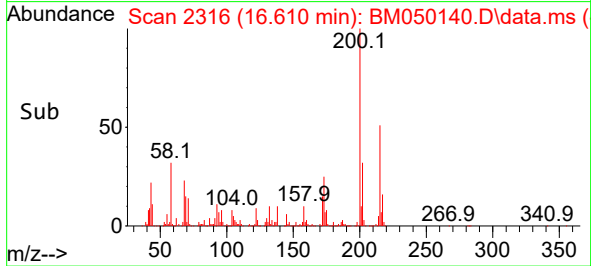
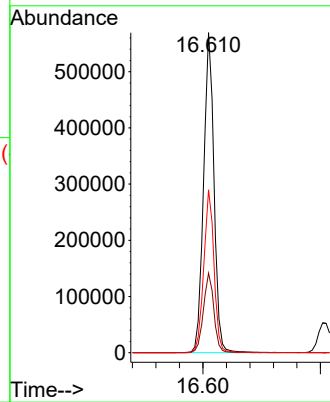
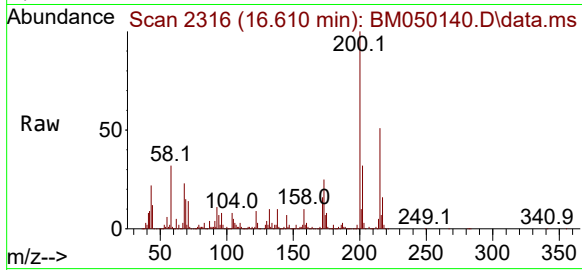
Tgt Ion:200 Resp: 701944

Ion Ratio Lower Upper

200 100

173 24.8 4.3 44.3

215 50.9 30.6 70.6



#70

Pentachlorophenol

Concen: 37.733 ng

RT: 16.810 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BM050140.D

Acq: 08 May 2025 10:41

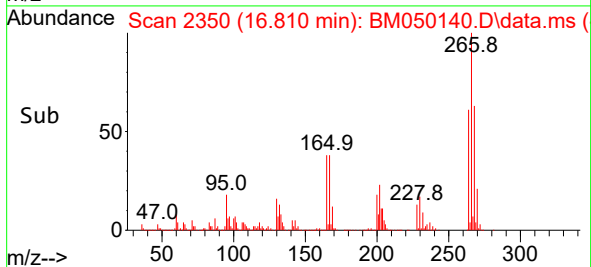
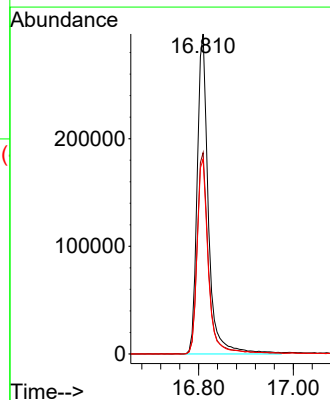
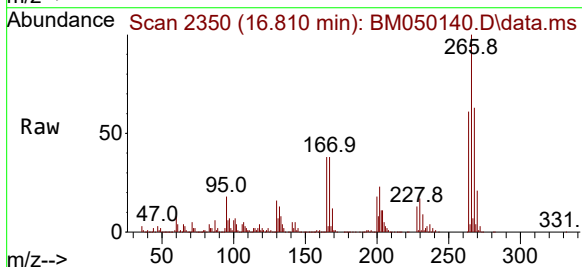
Tgt Ion:266 Resp: 489963

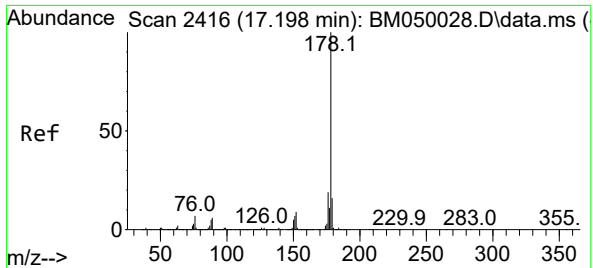
Ion Ratio Lower Upper

266 100

268 62.9 51.2 76.8

264 60.9 49.6 74.4

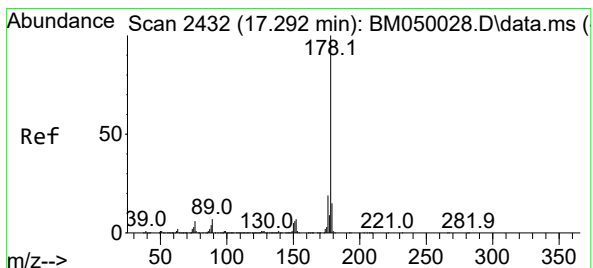
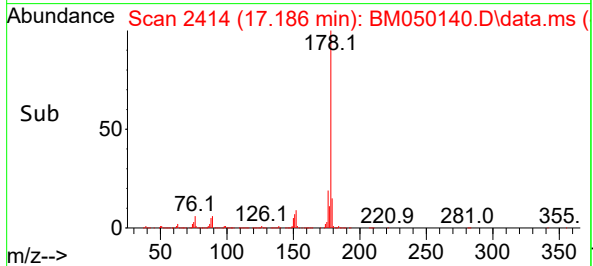
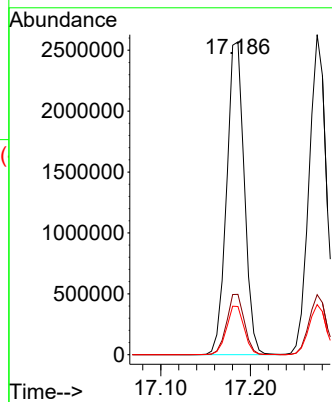
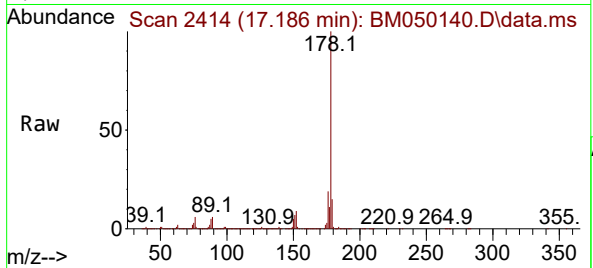




#71
Phenanthrene
Concen: 37.567 ng
RT: 17.186 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

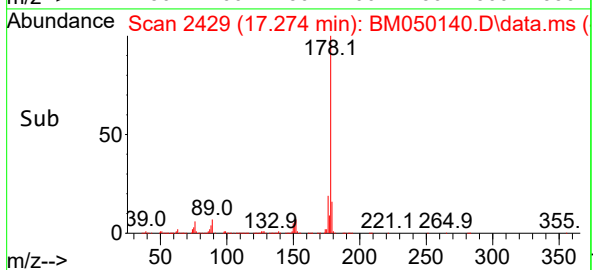
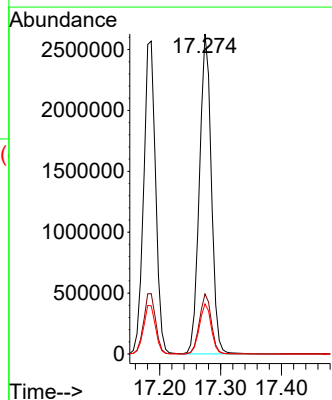
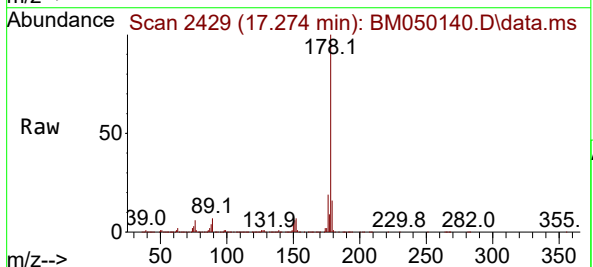
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

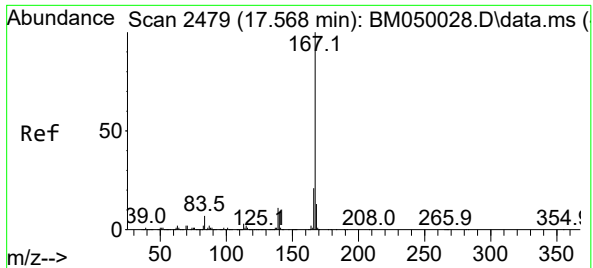
Tgt Ion:178 Resp: 3506508
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 37.761 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:178 Resp: 3566867
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.7 12.2 18.4

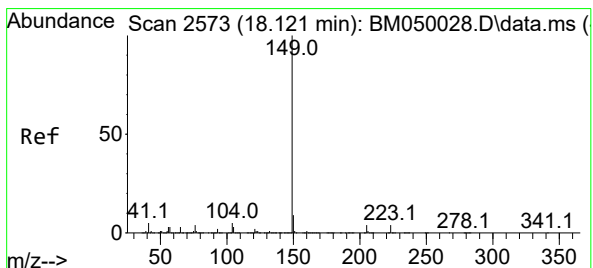
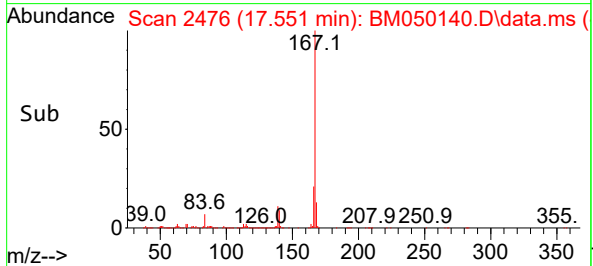
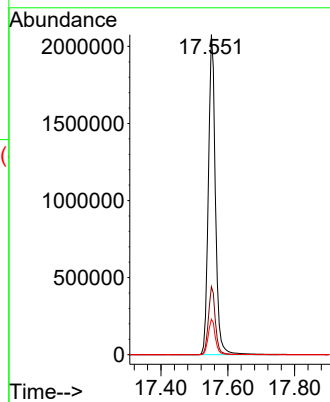
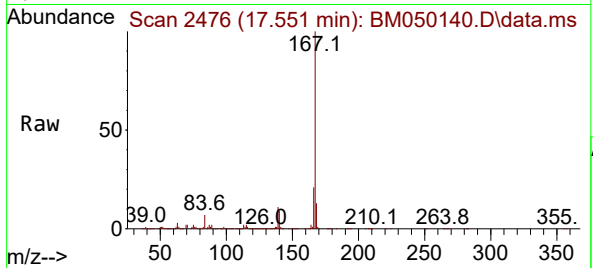




#73
Carbazole
Concen: 37.093 ng
RT: 17.551 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

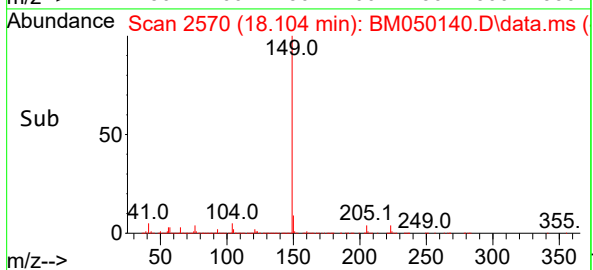
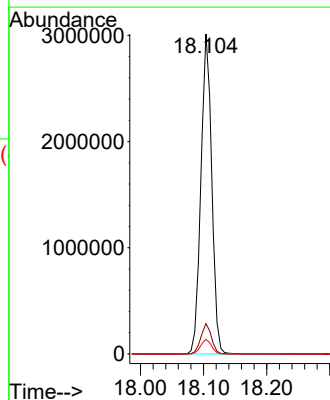
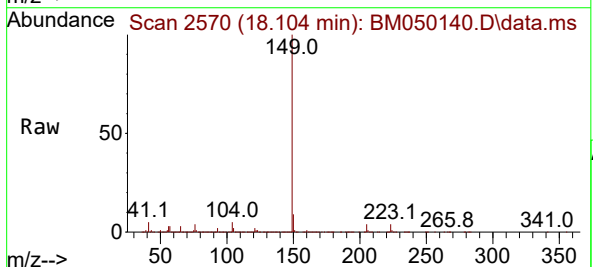
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

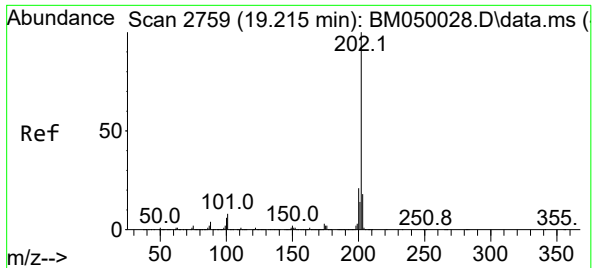
Tgt Ion:167 Resp: 3040432
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.1 9.0 13.6



#74
Di-n-butylphthalate
Concen: 36.672 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 3579619
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.6 3.8 5.6

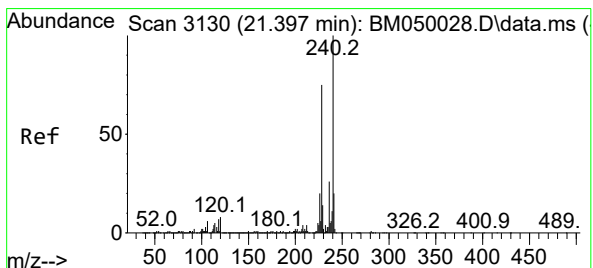
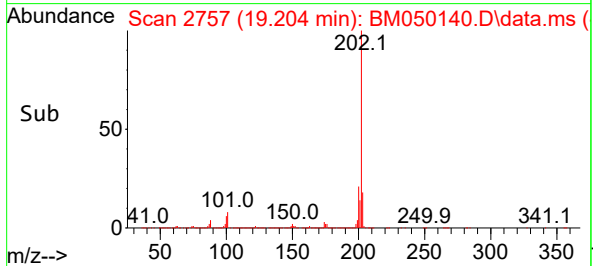
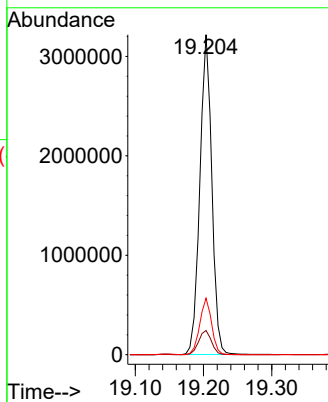
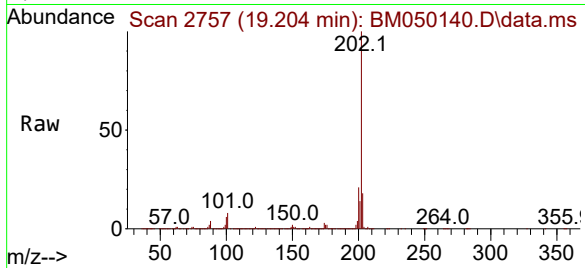




#75
Fluoranthene
Concen: 35.801 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

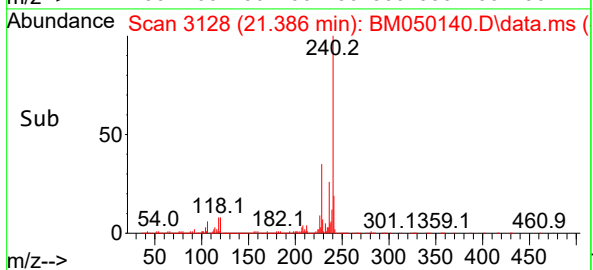
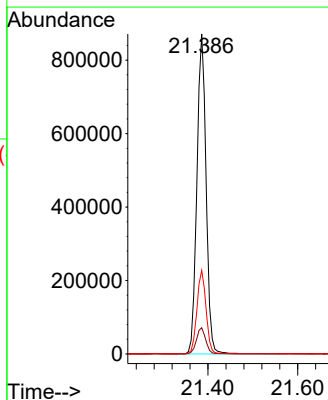
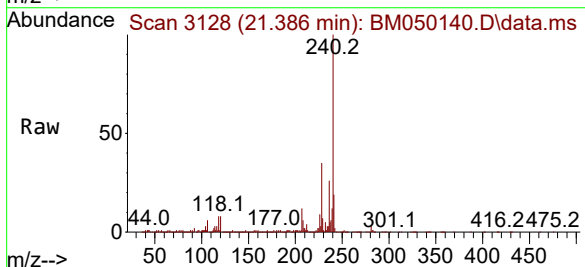
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

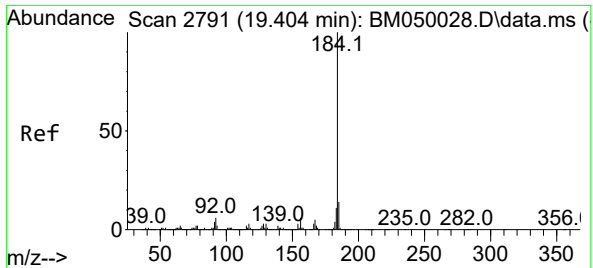
Tgt Ion:202 Resp: 3923349
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:240 Resp: 1237713
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.1 20.9 31.3

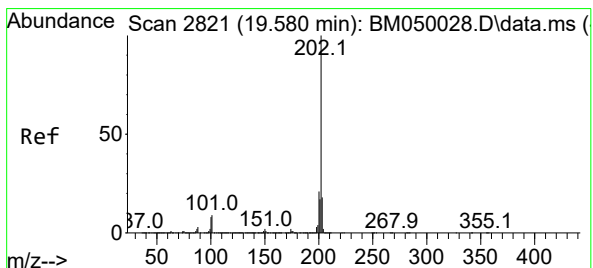
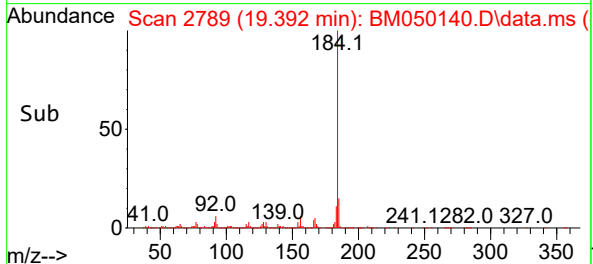
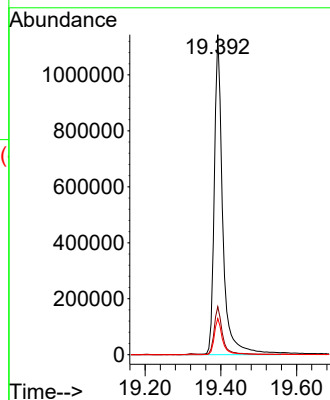
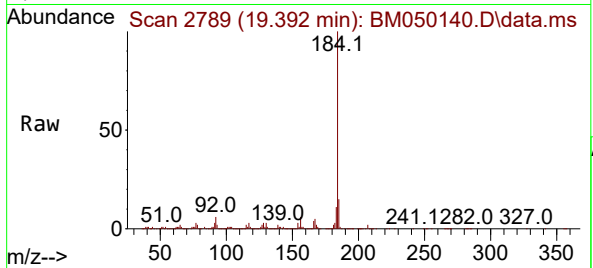




#77
Benzidine
Concen: 40.247 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

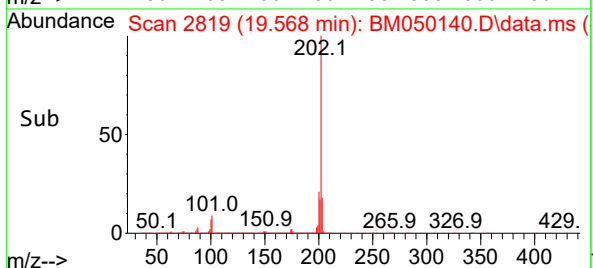
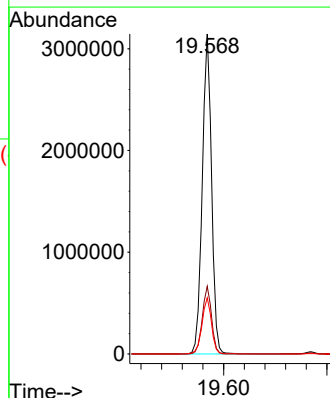
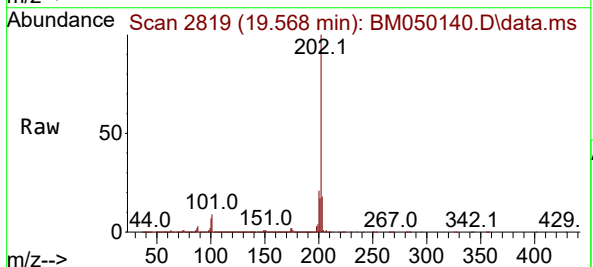
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

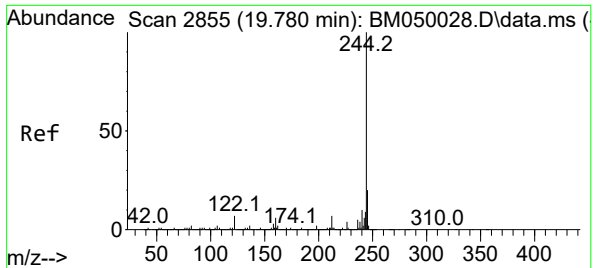
Tgt Ion:184 Resp: 1769429
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 45.115 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:202 Resp: 3921227
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.5 14.1 21.1

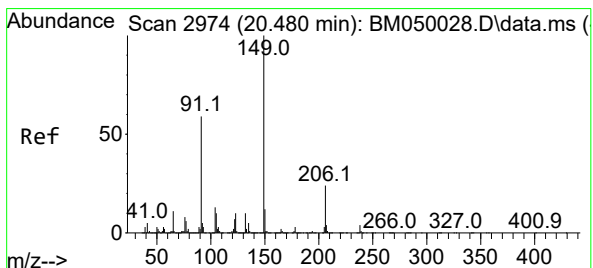
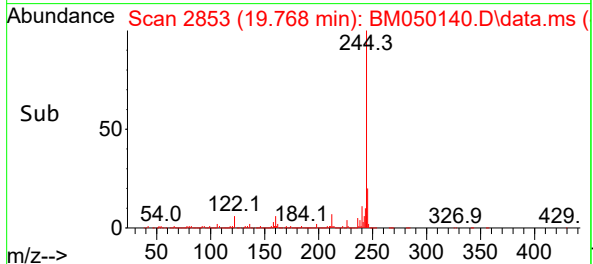
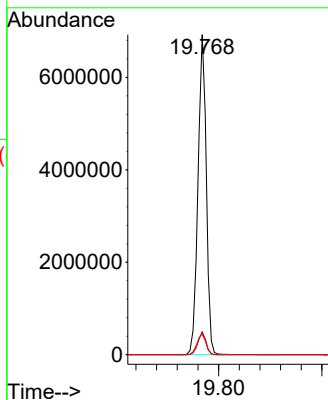
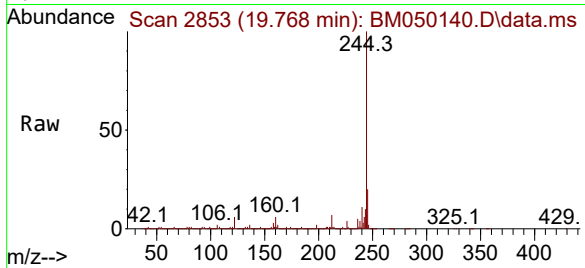




#79
Terphenyl-d14
Concen: 92.052 ng
RT: 19.768 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

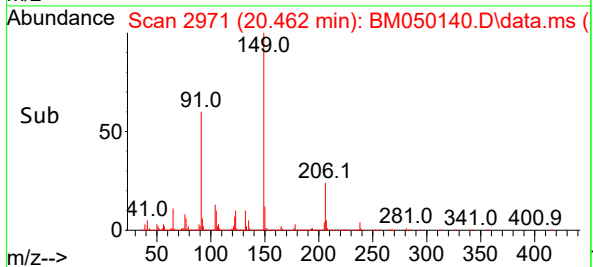
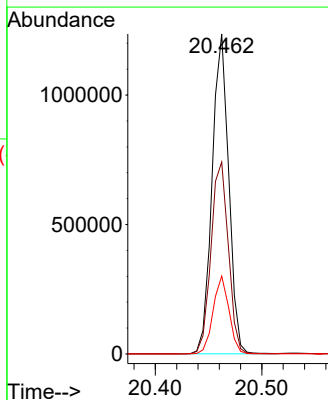
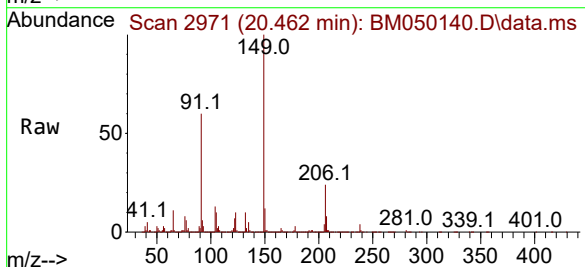
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

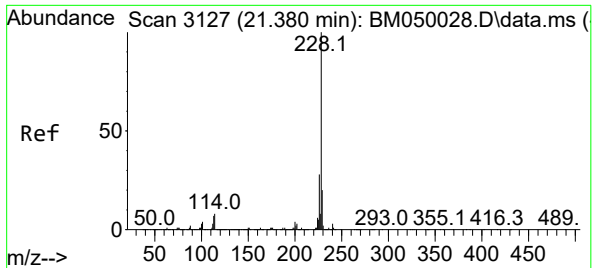
Tgt Ion:244 Resp: 7699588
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.5 5.6 8.4



#80
Butylbenzylphthalate
Concen: 40.913 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 1331850
Ion Ratio Lower Upper
149 100
91 60.0 47.4 71.2
206 24.3 19.4 29.0

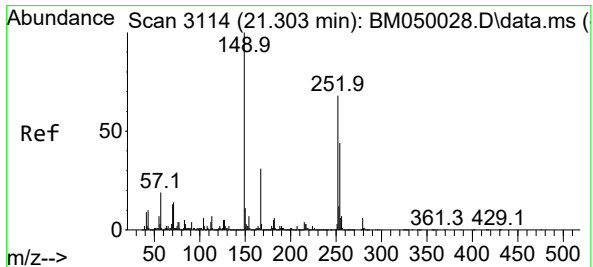
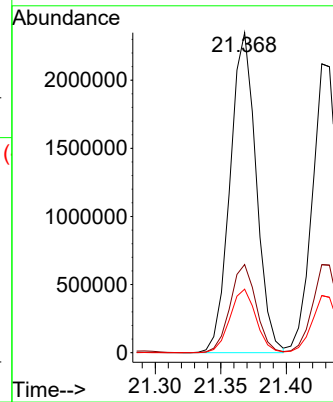
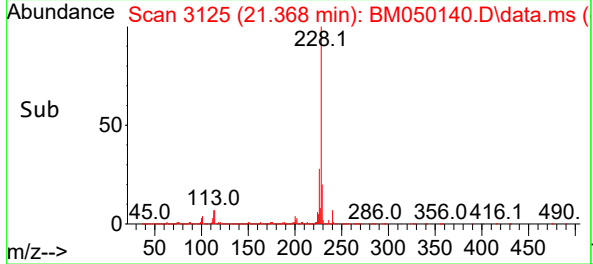
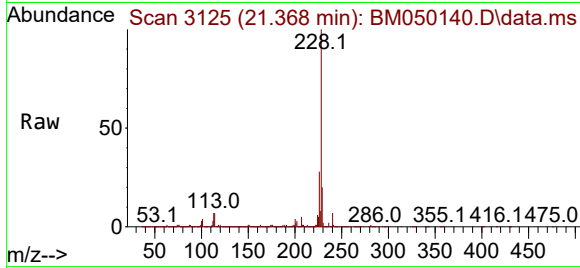




#81
Benzo(a)anthracene
Concen: 38.150 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

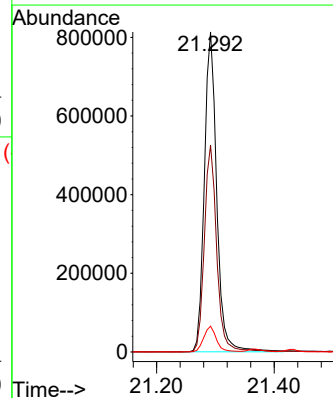
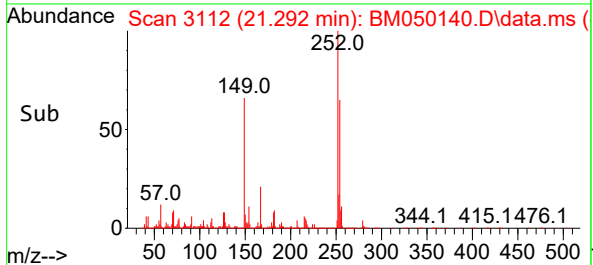
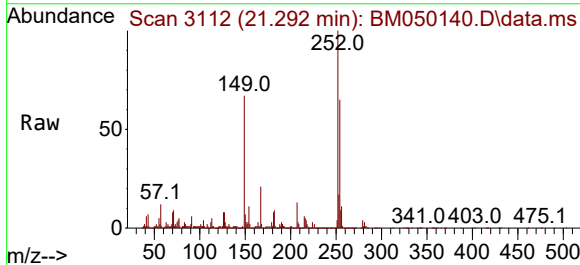
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

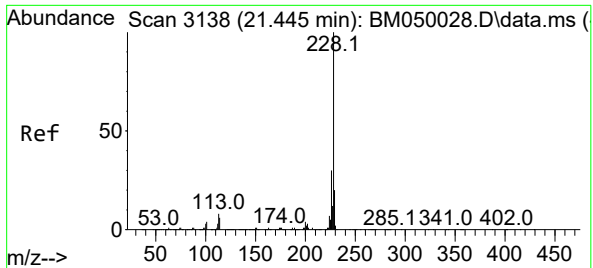
Tgt Ion:228 Resp: 3251627
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.574 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 1193314
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 8.0 6.0 9.0

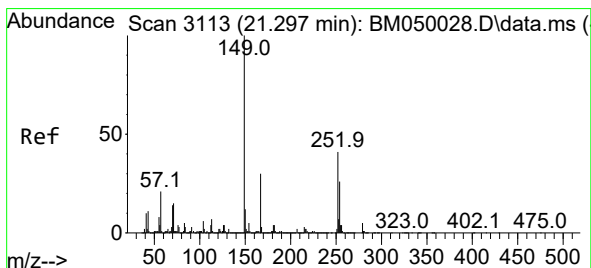
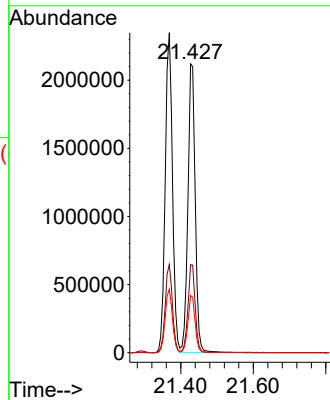
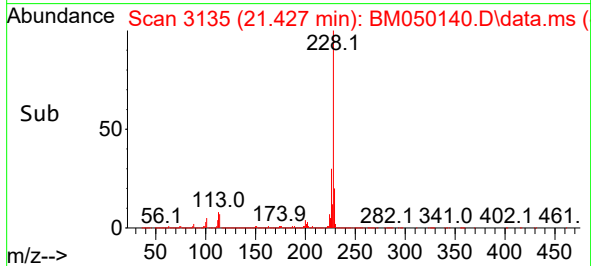
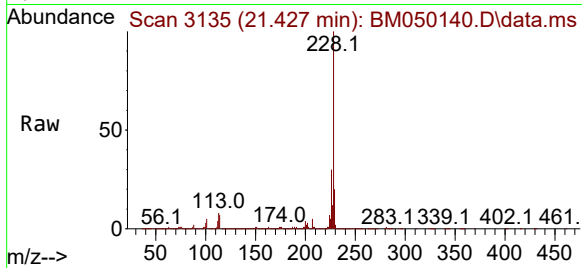




#83
Chrysene
Concen: 37.672 ng
RT: 21.427 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

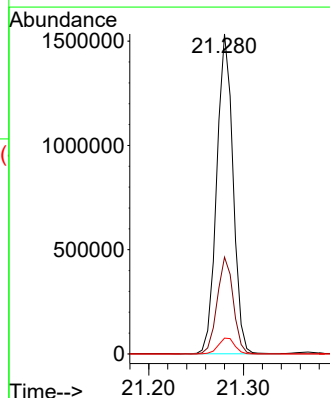
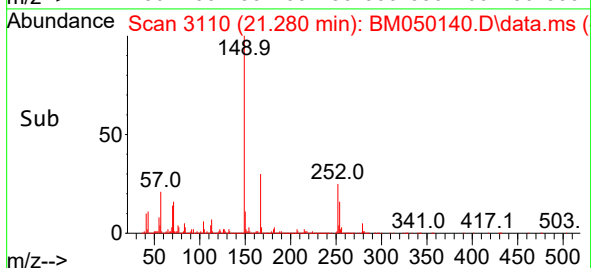
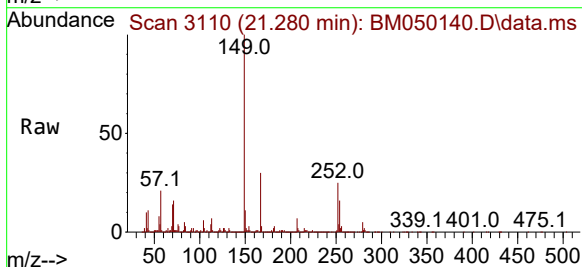
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

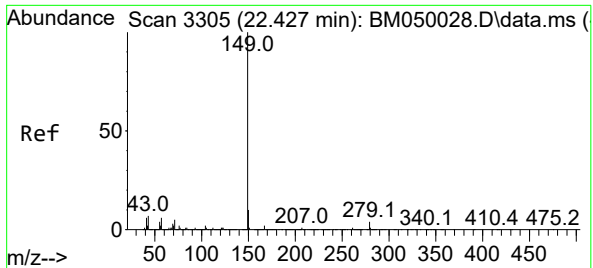
Tgt Ion:228 Resp: 2971758
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.590 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 1827791
Ion Ratio Lower Upper
149 100
167 30.2 24.1 36.1
279 5.0 3.9 5.9

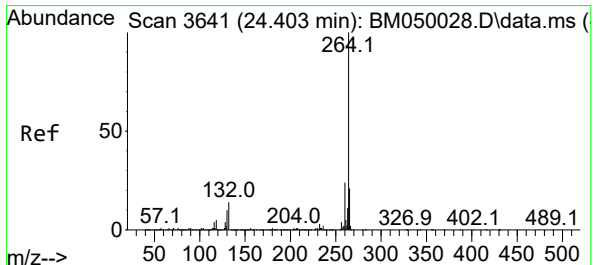
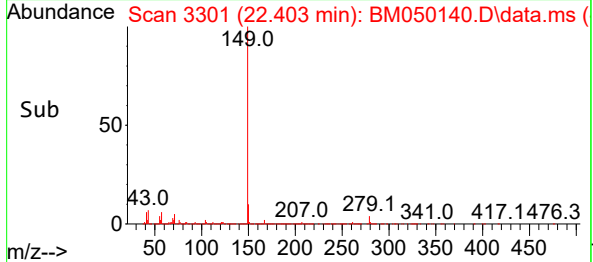
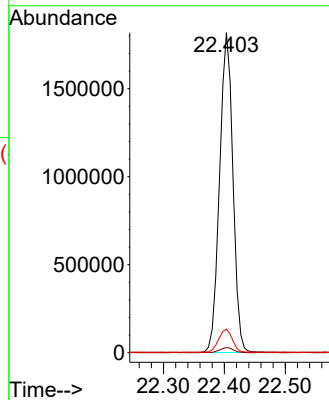
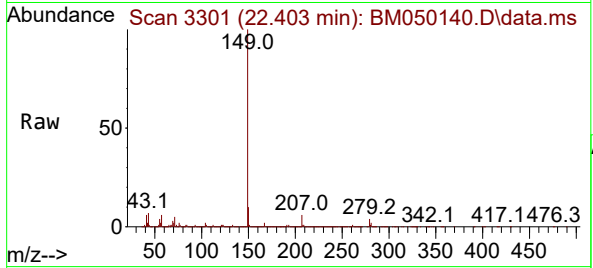




#85
Di-n-octyl phthalate
Concen: 34.387 ng
RT: 22.403 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

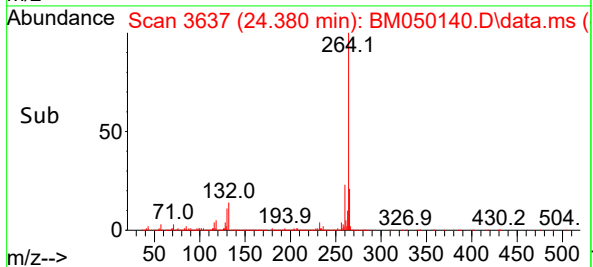
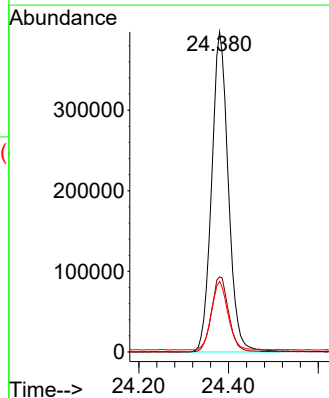
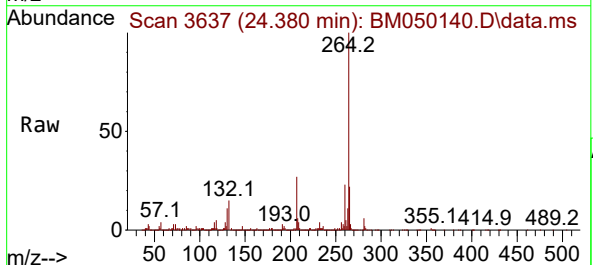
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

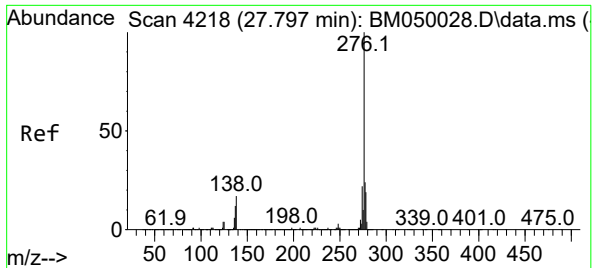
Tgt Ion:149 Resp: 2757430
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:264 Resp: 1026252
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.1 17.0 25.4

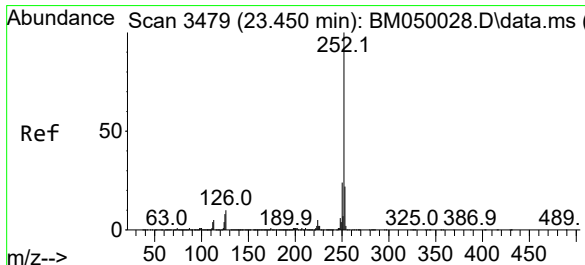
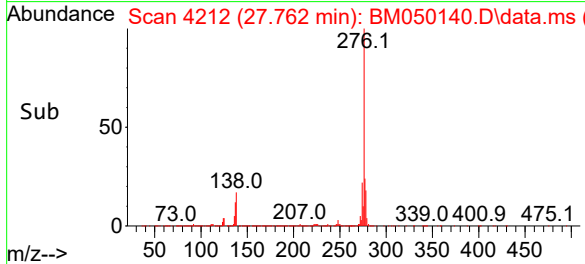
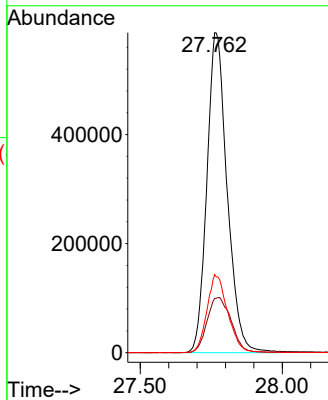
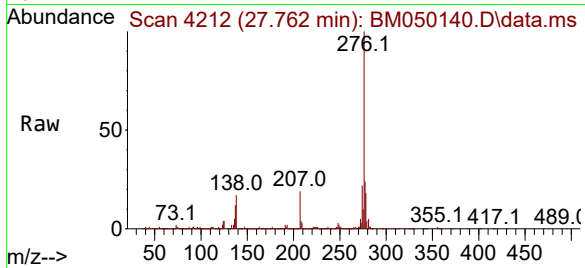




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.964 ng
RT: 27.762 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

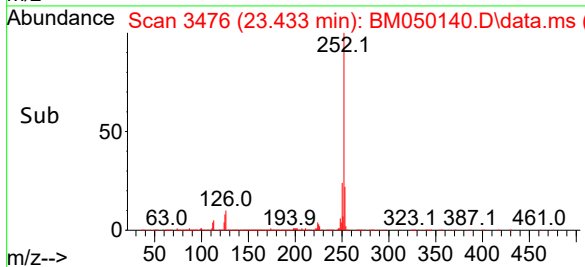
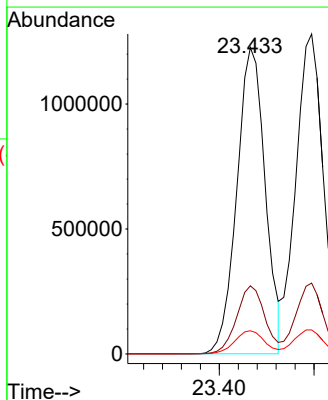
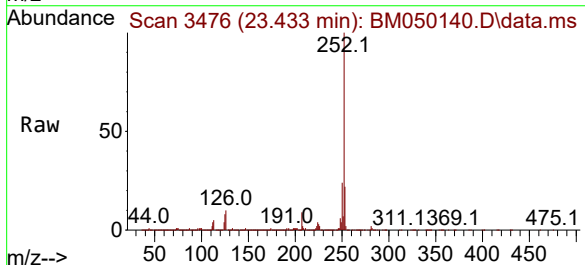
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

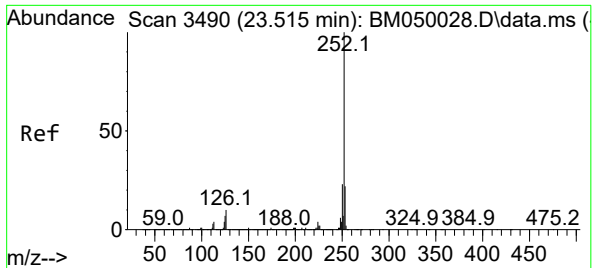
Tgt Ion:276 Resp: 2903047
Ion Ratio Lower Upper
276 100
138 20.6 16.4 24.6
277 24.9 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 38.191 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 2548858
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.6 6.1 9.1

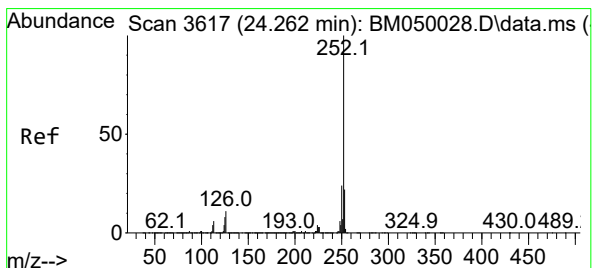
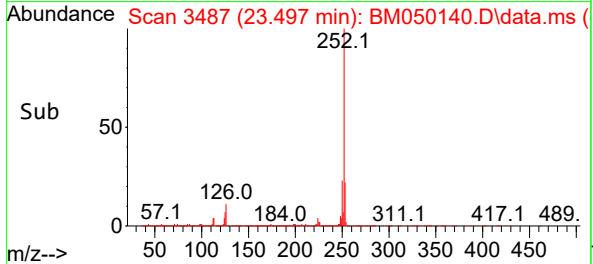
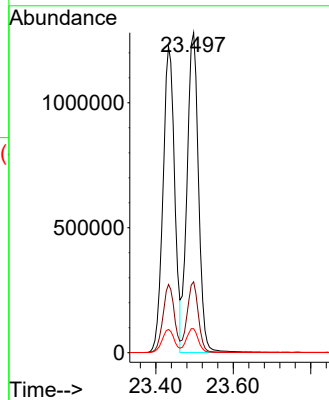
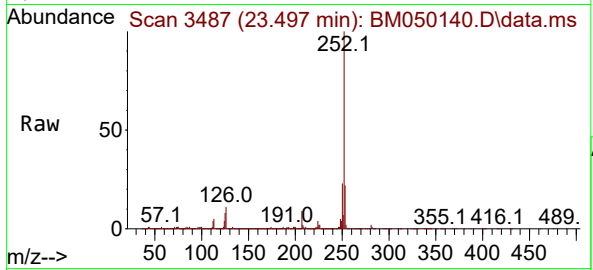




#89
Benzo(k)fluoranthene
Concen: 38.890 ng
RT: 23.497 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

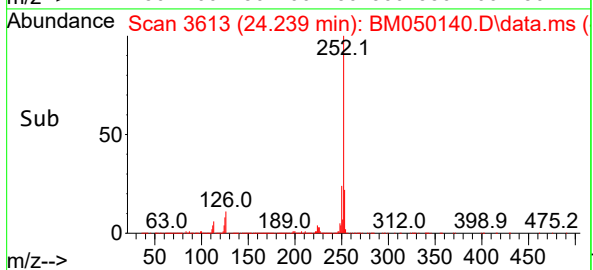
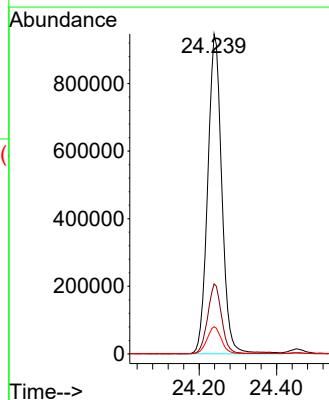
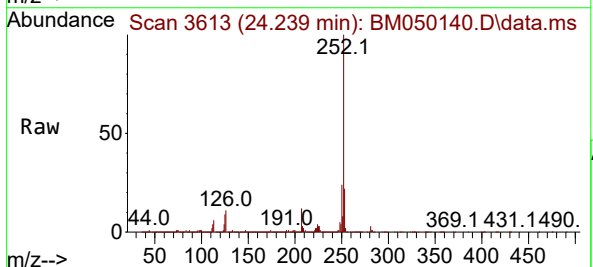
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

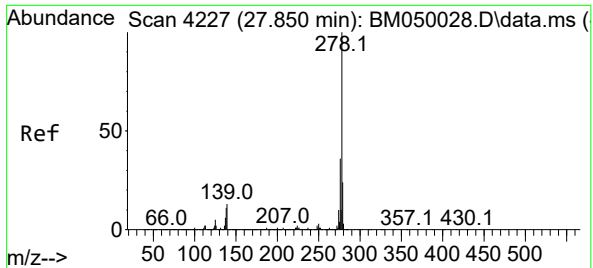
Tgt Ion:252 Resp: 2625481
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.5 5.8 8.8



#90
Benzo(a)pyrene
Concen: 38.097 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 2381402
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.5 6.6 9.8

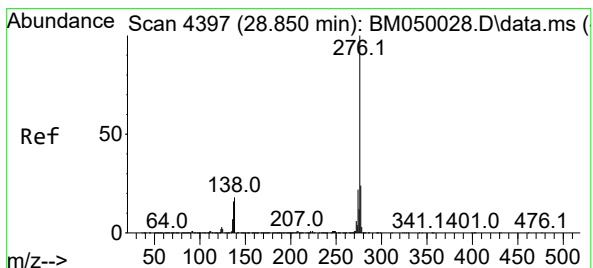
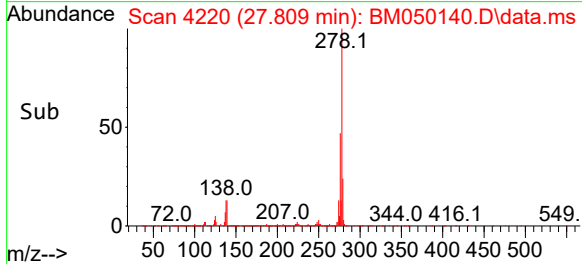
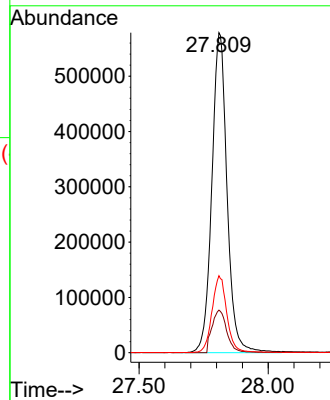
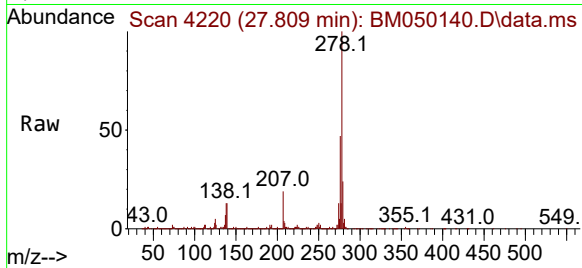




#91
Dibenzo(a,h)anthracene
Concen: 37.985 ng
RT: 27.809 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

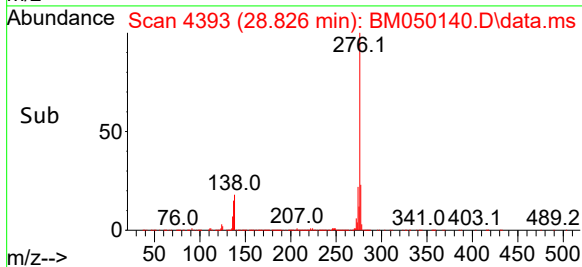
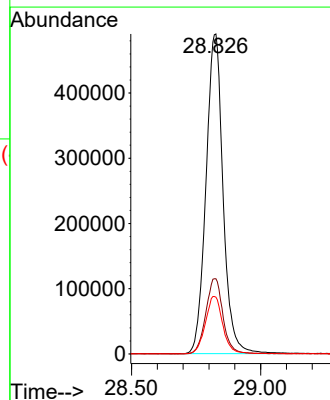
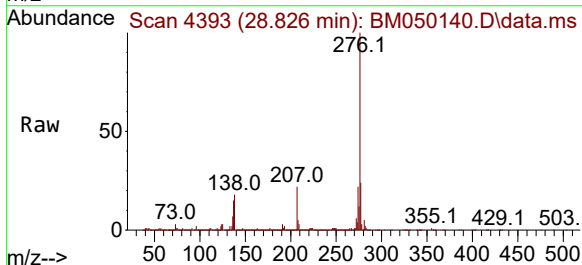
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2367754
Ion Ratio Lower Upper
278 100
139 13.3 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 37.727 ng
RT: 28.826 min Scan# 4393
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:276 Resp: 2251454
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 17.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 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	154#	-0.03
2	1,4-Dioxane	0.490	0.453	7.6	136	-0.02
3	Pyridine	1.258	1.221	2.9	141	-0.02
4	n-Nitrosodimethylamine	0.493	0.486	1.4	143	-0.02
5 S	2-Fluorophenol	1.142	1.109	2.9	141	-0.02
6	Aniline	1.813	1.775	2.1	140	-0.02
7 S	Phenol-d6	1.436	1.425	0.8	142	-0.02
8	2-Chlorophenol	1.235	1.198	3.0	140	-0.02
9	Benzaldehyde	0.961	0.933	2.9	139	-0.02
10 C	Phenol	1.453	1.439	1.0	144	-0.02
11	bis(2-Chloroethyl)ether	1.213	1.166	3.9	140	-0.02
12	1,3-Dichlorobenzene	1.492	1.402	6.0	138	-0.02
13 C	1,4-Dichlorobenzene	1.499	1.405	6.3	138	-0.03
14	1,2-Dichlorobenzene	1.448	1.357	6.3	137	-0.03
15	Benzyl Alcohol	0.996	1.014	-1.8	144	-0.02
16	2,2'-oxybis(1-Chloropropane	1.475	1.453	1.5	144	-0.03
17	2-Methylphenol	0.957	0.937	2.1	139	-0.02
18	Hexachloroethane	0.533	0.500	6.2	138	-0.03
19 P	n-Nitroso-di-n-propylamine	0.921	0.911	1.1	139	-0.02
20	3+4-Methylphenols	1.293	1.279	1.1	141	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	154#	-0.03
22	Acetophenone	0.497	0.474	4.6	137	-0.02
23 S	Nitrobenzene-d5	0.406	0.390	3.9	138	-0.02
24	Nitrobenzene	0.351	0.337	4.0	139	-0.02
25	Isophorone	0.692	0.663	4.2	140	-0.02
26 C	2-Nitrophenol	0.179	0.183	-2.2	143	-0.02
27	2,4-Dimethylphenol	0.297	0.293	1.3	139	-0.02
28	bis(2-Chloroethoxy)methane	0.428	0.411	4.0	139	-0.02
29 C	2,4-Dichlorophenol	0.333	0.322	3.3	137	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.381	6.2	137	-0.02
31	Naphthalene	1.013	0.949	6.3	137	-0.02
32	Benzoic acid	0.190	0.182	4.2	141	0.00
33	4-Chloroaniline	0.415	0.399	3.9	139	-0.02
34 C	Hexachlorobutadiene	0.258	0.244	5.4	138	-0.03
35	Caprolactam	0.097	0.090	7.2	133	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.293	4.9	139	-0.01
37	2-Methylnaphthalene	0.679	0.643	5.3	139	-0.02
38	1-Methylnaphthalene	0.719	0.672	6.5	137	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	149	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.692	0.686	0.9	137	-0.02
41 P	Hexachlorocyclopentadiene	0.423	0.394	6.9	129	-0.03
42 S	2,4,6-Tribromophenol	0.296	0.286	3.4	134	-0.01
43 C	2,4,6-Trichlorophenol	0.439	0.444	-1.1	139	-0.02
44	2,4,5-Trichlorophenol	0.474	0.470	0.8	135	-0.01
45 S	2-Fluorobiphenyl	1.691	1.640	3.0	135	-0.02
46	1,1'-Biphenyl	1.487	1.422	4.4	134	-0.02
47	2-Chloronaphthalene	1.177	1.124	4.5	134	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.277	-0.4	136	-0.02
49	Acenaphthylene	1.857	1.762	5.1	133	-0.02
50	Dimethylphthalate	1.462	1.353	7.5	131	-0.02
51	2,6-Dinitrotoluene	0.303	0.293	3.3	133	-0.02
52 C	Acenaphthene	1.075	1.012	5.9	133	-0.02
53	3-Nitroaniline	0.289	0.282	2.4	131	-0.01
54 P	2,4-Dinitrophenol	0.164	0.155	5.5	130	0.00
55	Dibenzofuran	1.788	1.680	6.0	133	-0.02
56 P	4-Nitrophenol	0.205	0.181	11.7	120	0.00
57	2,4-Dinitrotoluene	0.418	0.409	2.2	133	-0.01
58	Fluorene	1.463	1.365	6.7	130	-0.02
59	2,3,4,6-Tetrachlorophenol	0.410	0.385	6.1	132	-0.01
60	Diethylphthalate	1.377	1.253	9.0	130	-0.02
61	4-Chlorophenyl-phenylether	0.804	0.768	4.5	133	-0.02
62	4-Nitroaniline	0.279	0.246	11.8	117	-0.01
63	Azobenzene	1.154	1.070	7.3	131	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	142	-0.02
65	4,6-Dinitro-2-methylphenol	0.125	0.121	3.2	127	-0.01
66 c	n-Nitrosodiphenylamine	0.614	0.603	1.8	131	-0.02
67	4-Bromophenyl-phenylether	0.242	0.240	0.8	132	-0.02
68	Hexachlorobenzene	0.279	0.271	2.9	131	-0.02
69	Atrazine	0.222	0.212	4.5	128	-0.02
70 C	Pentachlorophenol	0.157	0.148	5.7	126	-0.01
71	Phenanthrene	1.128	1.059	6.1	127	-0.01
72	Anthracene	1.142	1.078	5.6	126	-0.02
73	Carbazole	0.991	0.919	7.3	124	-0.02
74	Di-n-butylphthalate	1.180	1.082	8.3	123	-0.02
75 C	Fluoranthene	1.324	1.185	10.5	120	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	111	-0.01
77	Benzidine	0.710	0.715	-0.7	103	-0.01
78	Pyrene	1.404	1.584	-12.8	116	-0.01
79 S	Terphenyl-d14	1.352	1.555	-15.0	113	-0.01
80	Butylbenzylphthalate	0.526	0.538	-2.3	106	-0.02
81	Benzo(a)anthracene	1.377	1.314	4.6	99	-0.01
82	3,3'-Dichlorobenzidine	0.527	0.482	8.5	92	-0.01
83	Chrysene	1.275	1.201	5.8	99	-0.02
84	Bis(2-ethylhexyl)phthalate	0.786	0.738	6.1	97	-0.02
85 c	Di-n-octyl phthalate	1.296	1.114	14.0	91	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	96	-0.02
87	Indeno(1,2,3-cd)pyrene	1.490	1.414	5.1	84	-0.04
88	Benzo(b)fluoranthene	1.301	1.242	4.5	85	-0.02
89	Benzo(k)fluoranthene	1.316	1.279	2.8	88	-0.02
90 C	Benzo(a)pyrene	1.218	1.160	4.8	86	-0.02
91	Dibenzo(a,h)anthracene	1.215	1.154	5.0	85	-0.04
92	Benzo(g,h,i)perylene	1.163	1.097	5.7	85	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 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\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 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	154	-0.03
2	1,4-Dioxane	40.000	37.001	7.5	136	-0.02
3	Pyridine	40.000	38.824	2.9	141	-0.02
4	n-Nitrosodimethylamine	40.000	39.374	1.6	143	-0.02
5 S	2-Fluorophenol	80.000	77.661	2.9	141	-0.02
6	Aniline	40.000	39.162	2.1	140	-0.02
7 S	Phenol-d6	80.000	79.439	0.7	142	-0.02
8	2-Chlorophenol	40.000	38.813	3.0	140	-0.02
9	Benzaldehyde	40.000	38.833	2.9	139	-0.02
10 C	Phenol	40.000	39.605	1.0	144	-0.02
11	bis(2-Chloroethyl)ether	40.000	38.447	3.9	140	-0.02
12	1,3-Dichlorobenzene	40.000	37.588	6.0	138	-0.02
13 C	1,4-Dichlorobenzene	40.000	37.509	6.2	138	-0.03
14	1,2-Dichlorobenzene	40.000	37.497	6.3	137	-0.03
15	Benzyl Alcohol	40.000	40.752	-1.9	144	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	39.406	1.5	144	-0.03
17	2-Methylphenol	40.000	39.133	2.2	139	-0.02
18	Hexachloroethane	40.000	37.507	6.2	138	-0.03
19 P	n-Nitroso-di-n-propylamine	40.000	39.568	1.1	139	-0.02
20	3+4-Methylphenols	40.000	39.573	1.1	141	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	154	-0.03
22	Acetophenone	40.000	38.153	4.6	137	-0.02
23 S	Nitrobenzene-d5	80.000	76.829	4.0	138	-0.02
24	Nitrobenzene	40.000	38.408	4.0	139	-0.02
25	Isophorone	40.000	38.333	4.2	140	-0.02
26 C	2-Nitrophenol	40.000	40.755	-1.9	143	-0.02
27	2,4-Dimethylphenol	40.000	39.354	1.6	139	-0.02
28	bis(2-Chloroethoxy)methane	40.000	38.454	3.9	139	-0.02
29 C	2,4-Dichlorophenol	40.000	38.708	3.2	137	-0.02
30	1,2,4-Trichlorobenzene	40.000	37.563	6.1	137	-0.02
31	Naphthalene	40.000	37.486	6.3	137	-0.02
32	Benzoic acid	40.000	38.186	4.5	141	0.00
33	4-Chloroaniline	40.000	38.483	3.8	139	-0.02
34 C	Hexachlorobutadiene	40.000	37.817	5.5	138	-0.03
35	Caprolactam	40.000	37.121	7.2	133	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.140	4.6	139	-0.01
37	2-Methylnaphthalene	40.000	37.896	5.3	139	-0.02
38	1-Methylnaphthalene	40.000	37.410	6.5	137	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	149	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	39.649	0.9	137	-0.02
41 P	Hexachlorocyclopentadiene	40.000	37.227	6.9	129	-0.03
42 S	2,4,6-Tribromophenol	80.000	77.306	3.4	134	-0.01
43 C	2,4,6-Trichlorophenol	40.000	40.452	-1.1	139	-0.02
44	2,4,5-Trichlorophenol	40.000	39.727	0.7	135	-0.01
45 S	2-Fluorobiphenyl	80.000	77.598	3.0	135	-0.02
46	1,1'-Biphenyl	40.000	38.256	4.4	134	-0.02
47	2-Chloronaphthalene	40.000	38.200	4.5	134	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050140.D
 Acq On : 08 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 08 12:03:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.071	-0.2	136	-0.02
49	Acenaphthylene	40.000	37.967	5.1	133	-0.02
50	Dimethylphthalate	40.000	37.016	7.5	131	-0.02
51	2,6-Dinitrotoluene	40.000	38.760	3.1	133	-0.02
52 C	Acenaphthene	40.000	37.658	5.9	133	-0.02
53	3-Nitroaniline	40.000	38.978	2.6	131	-0.01
54 P	2,4-Dinitrophenol	40.000	35.437	11.4	130	0.00
55	Dibenzofuran	40.000	37.591	6.0	133	-0.02
56 P	4-Nitrophenol	40.000	33.657	15.9	120	0.00
57	2,4-Dinitrotoluene	40.000	39.126	2.2	133	-0.01
58	Fluorene	40.000	37.305	6.7	130	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	37.581	6.0	132	-0.01
60	Diethylphthalate	40.000	36.397	9.0	130	-0.02
61	4-Chlorophenyl-phenylether	40.000	38.219	4.5	133	-0.02
62	4-Nitroaniline	40.000	35.280	11.8	117	-0.01
63	Azobenzene	40.000	37.081	7.3	131	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	142	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	38.684	3.3	127	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.272	1.8	131	-0.02
67	4-Bromophenyl-phenylether	40.000	39.646	0.9	132	-0.02
68	Hexachlorobenzene	40.000	38.846	2.9	131	-0.02
69	Atrazine	40.000	38.293	4.3	128	-0.02
70 C	Pentachlorophenol	40.000	37.733	5.7	126	-0.01
71	Phenanthrene	40.000	37.567	6.1	127	-0.01
72	Anthracene	40.000	37.761	5.6	126	-0.02
73	Carbazole	40.000	37.093	7.3	124	-0.02
74	Di-n-butylphthalate	40.000	36.672	8.3	123	-0.02
75 C	Fluoranthene	40.000	35.801	10.5	120	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	111	-0.01
77	Benzidine	40.000	40.247	-0.6	103	-0.01
78	Pyrene	40.000	45.115	-12.8	116	-0.01
79 S	Terphenyl-d14	80.000	92.052	-15.1	113	-0.01
80	Butylbenzylphthalate	40.000	40.913	-2.3	106	-0.02
81	Benzo(a)anthracene	40.000	38.150	4.6	99	-0.01
82	3,3'-Dichlorobenzidine	40.000	36.574	8.6	92	-0.01
83	Chrysene	40.000	37.672	5.8	99	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	37.590	6.0	97	-0.02
85 c	Di-n-octyl phthalate	40.000	34.387	14.0	91	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	96	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.964	5.1	84	-0.04
88	Benzo(b)fluoranthene	40.000	38.191	4.5	85	-0.02
89	Benzo(k)fluoranthene	40.000	38.890	2.8	88	-0.02
90 C	Benzo(a)pyrene	40.000	38.097	4.8	86	-0.02
91	Dibenzo(a,h)anthracene	40.000	37.985	5.0	85	-0.04
92	Benzo(g,h,i)perylene	40.000	37.727	5.7	85	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



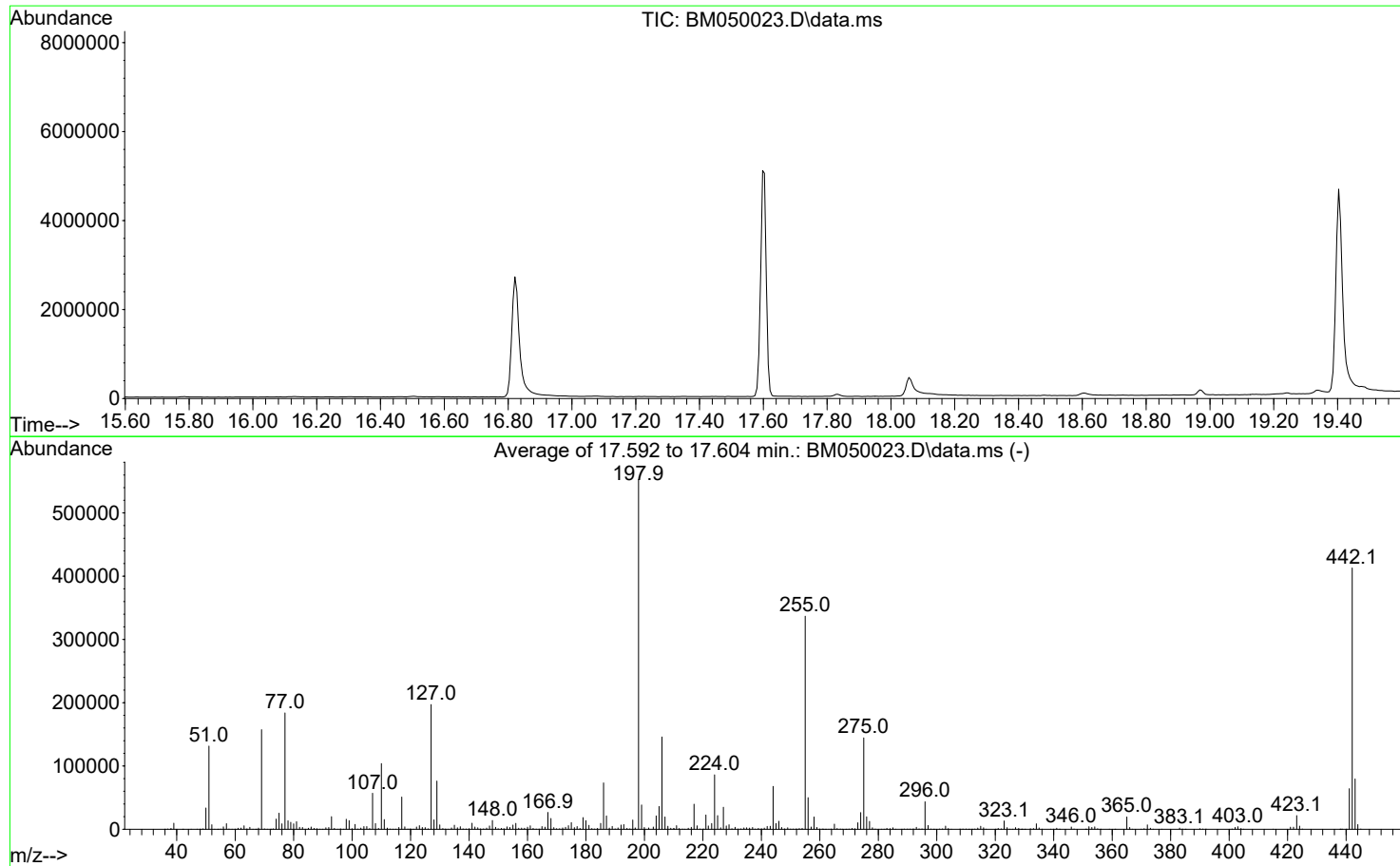
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

DDT Breakdown

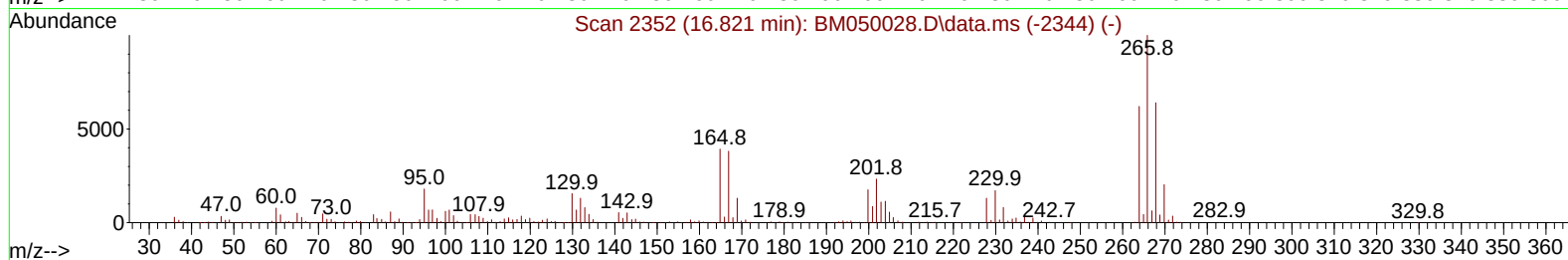
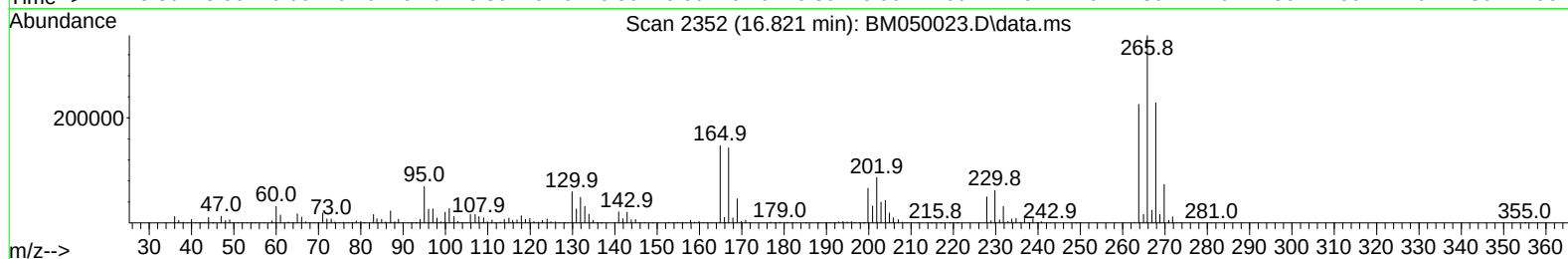
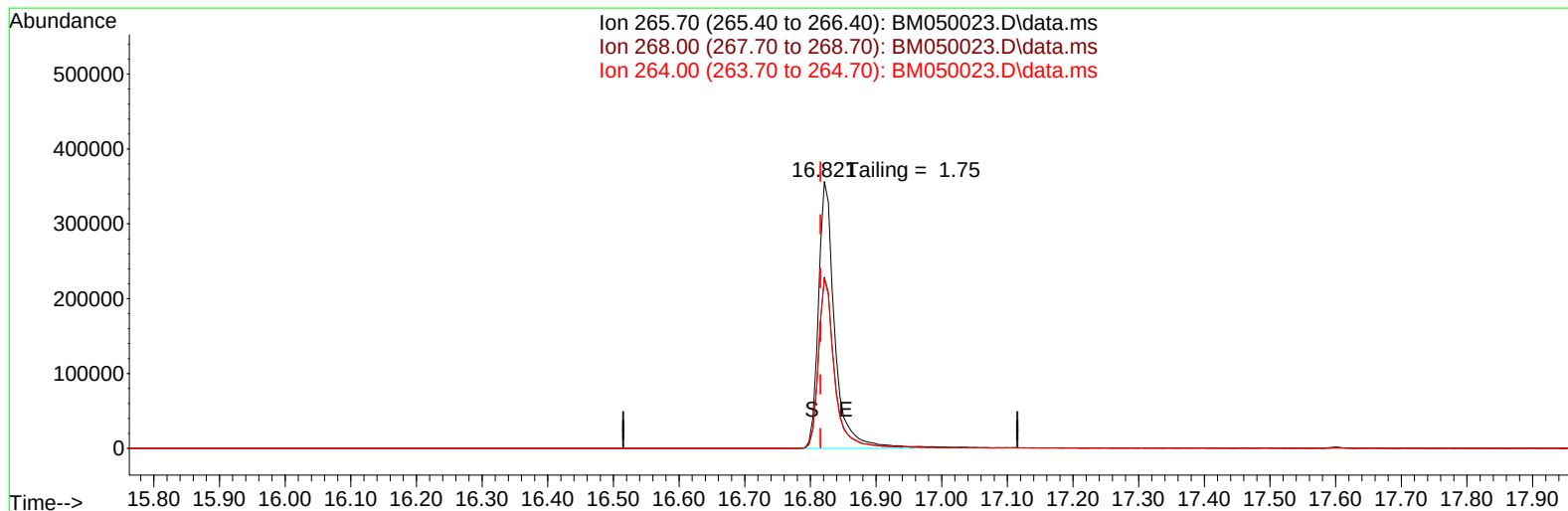
Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	<u>BM050023.D</u>
Compound Name	Response	Retention Time
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18951	1997046	0.95

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

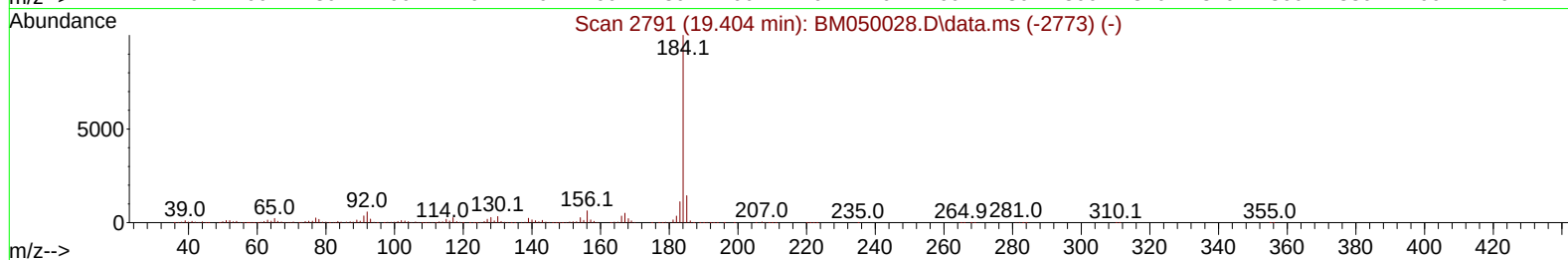
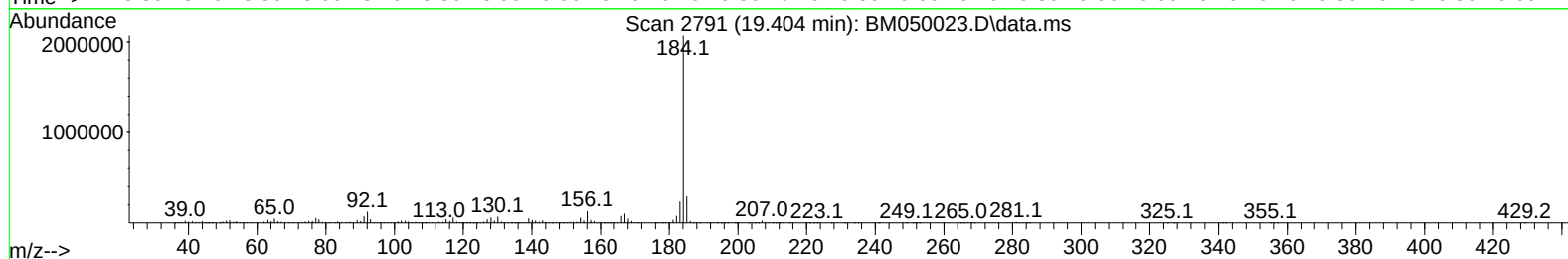
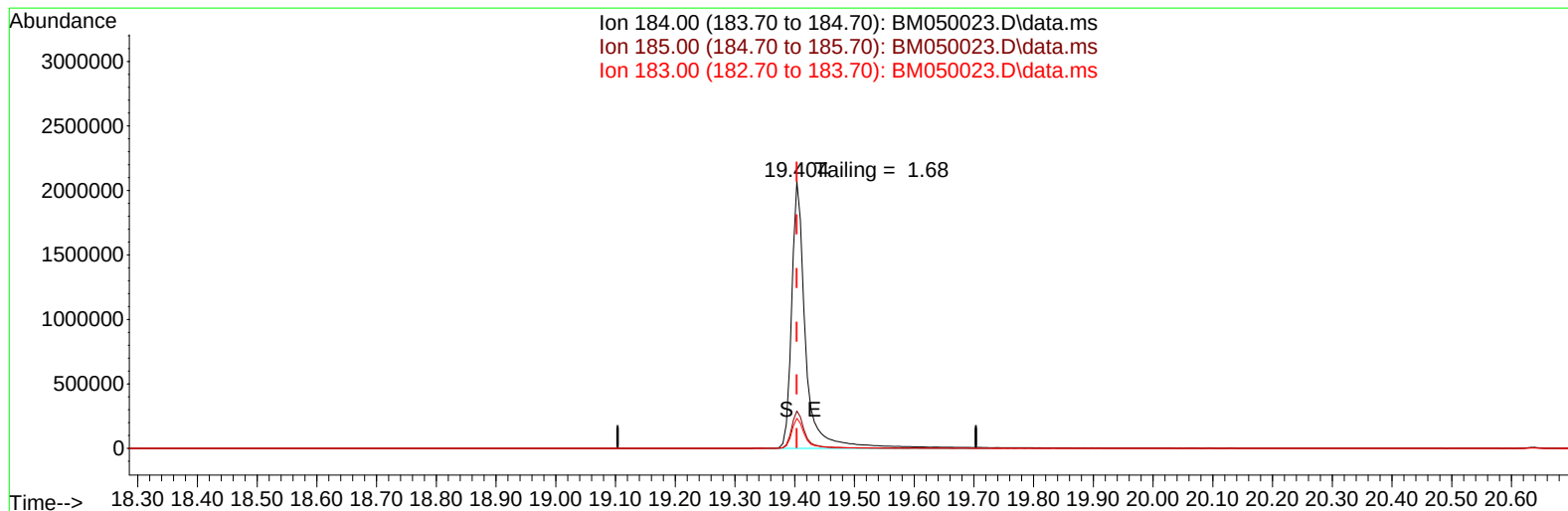
response 613835

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(77) Benzidine**19.404min (+ 0.000) 1761877.84 ng****response 3412576**

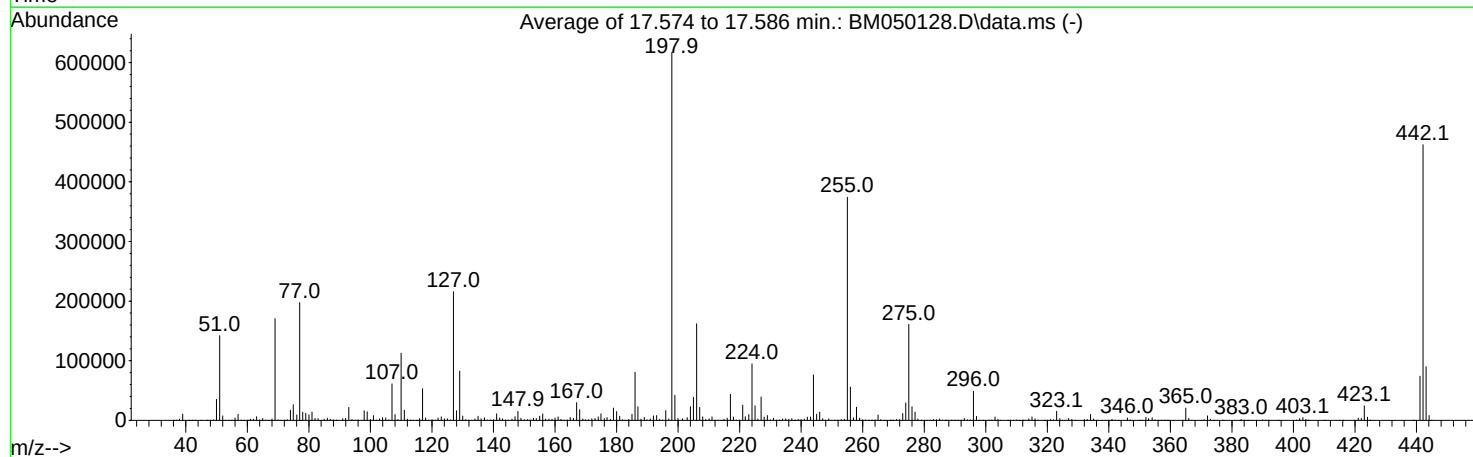
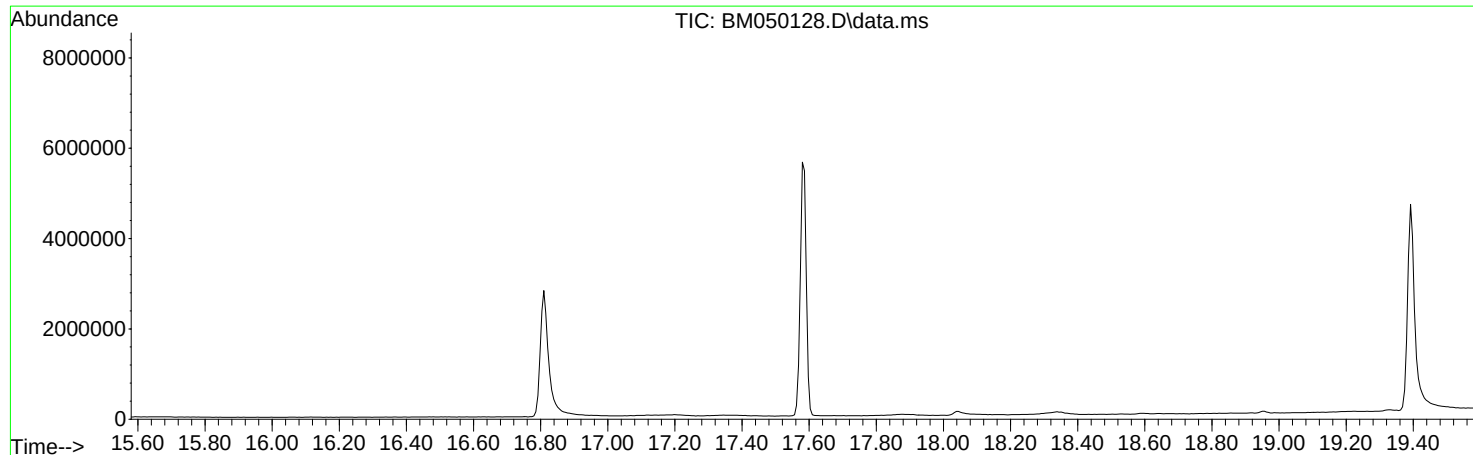
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.0	142053	PASS
68	69	0.00	2	1.4	2411	PASS
69	198	0.00	100	27.7	170733	PASS
70	69	0.00	2	0.5	908	PASS
127	198	10	80	35.0	215732	PASS
197	198	0.00	2	0.4	2403	PASS
198	198	100	100	100.0	616960	PASS
199	198	5	9	6.9	42292	PASS
275	198	10	60	26.1	161005	PASS
365	198	1	100	3.4	20678	PASS
441	198	0.01	100	12.0	74035	PASS
442	442	50	100	100.0	462379	PASS
443	442	15	24	19.4	89800	PASS

DDT Breakdown

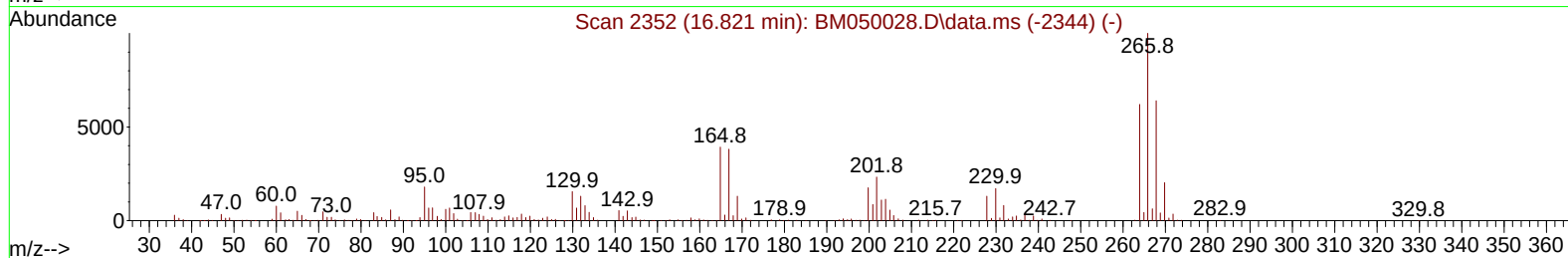
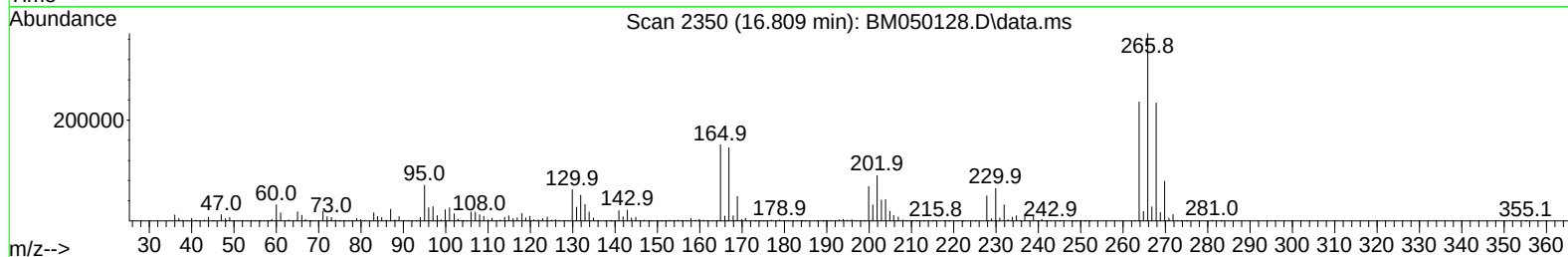
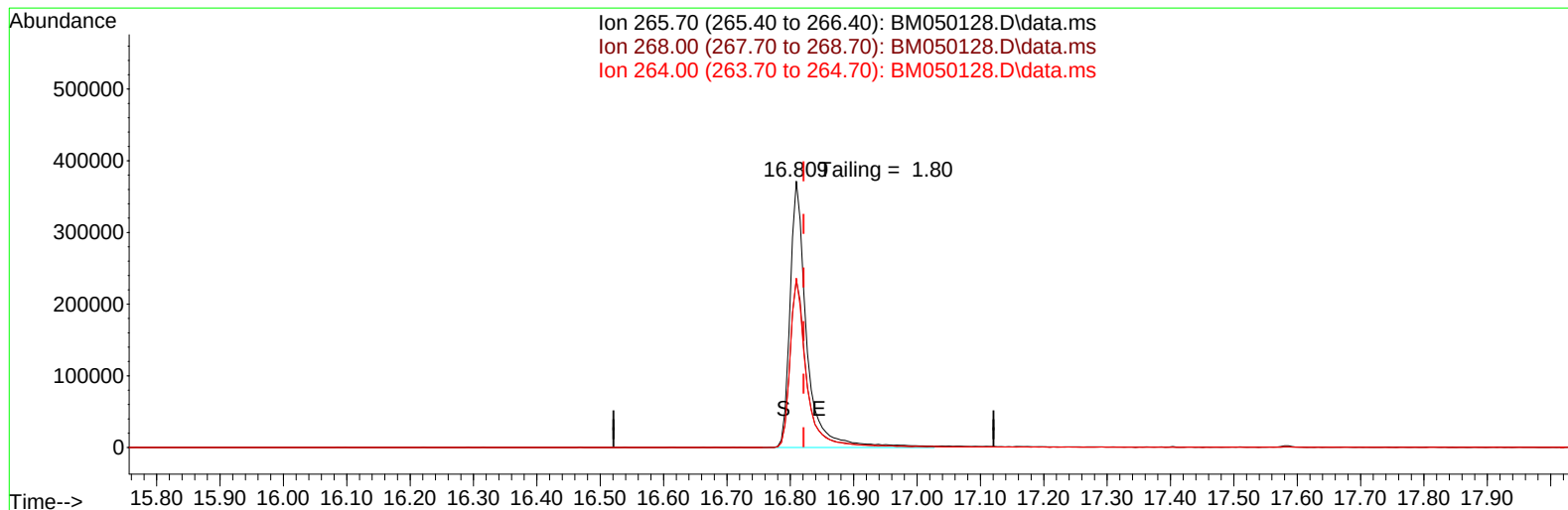
Date	Instrument Name	DFTPP Data File
5/7/2025	BNA_M	<u>BM050128.D</u>
Compound Name	Response	Retention Time
DDT	1909705	20.621
DDD	35773	20.186
DDE	4017	19.674
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
39790	1949495	2.04

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 07 11:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050128.D\data.ms

(70) Pentachlorophenol (C)

16.809min (-0.012) 191312.72 ng

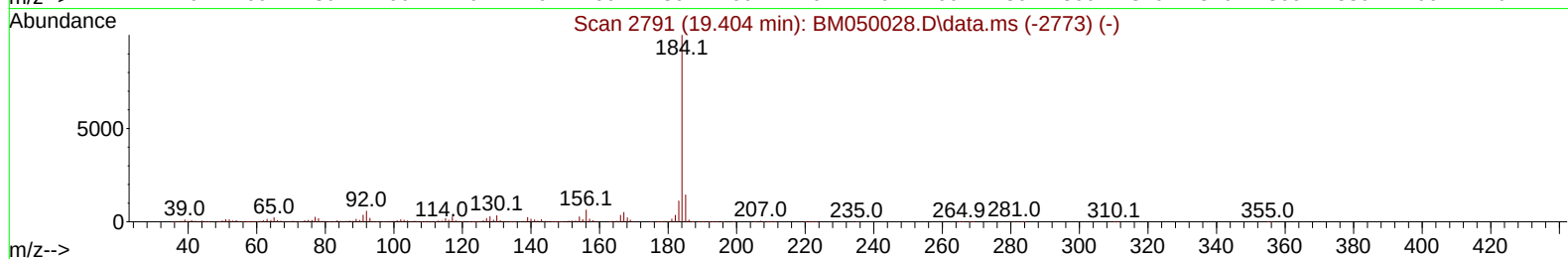
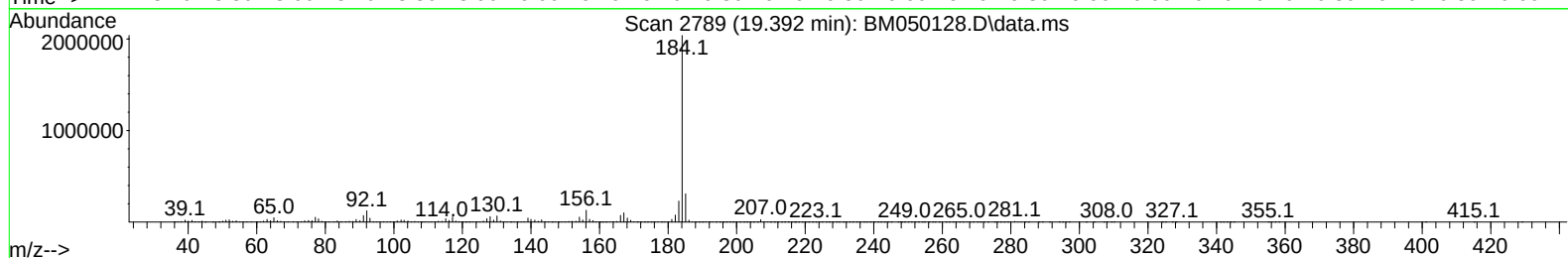
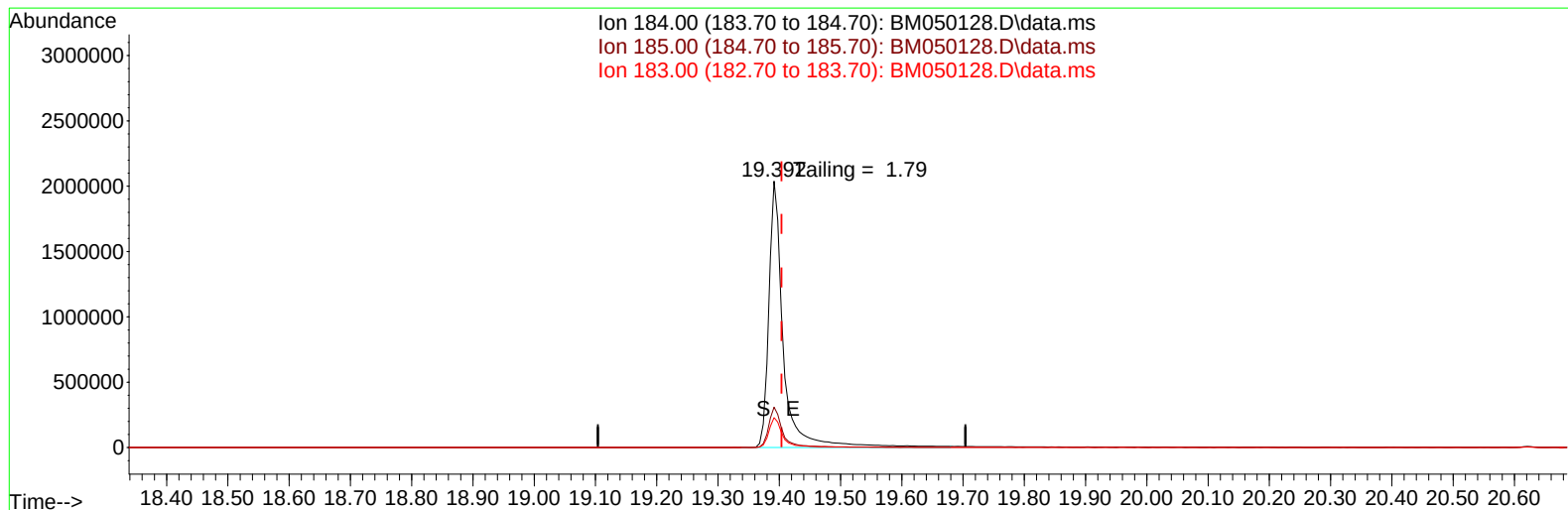
response 680000

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	62.98
264.00	62.00	63.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 07 11:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050128.D\data.ms

(77) Benzidine**19.392min (-0.012) 51539.94 ng****response 3372211**

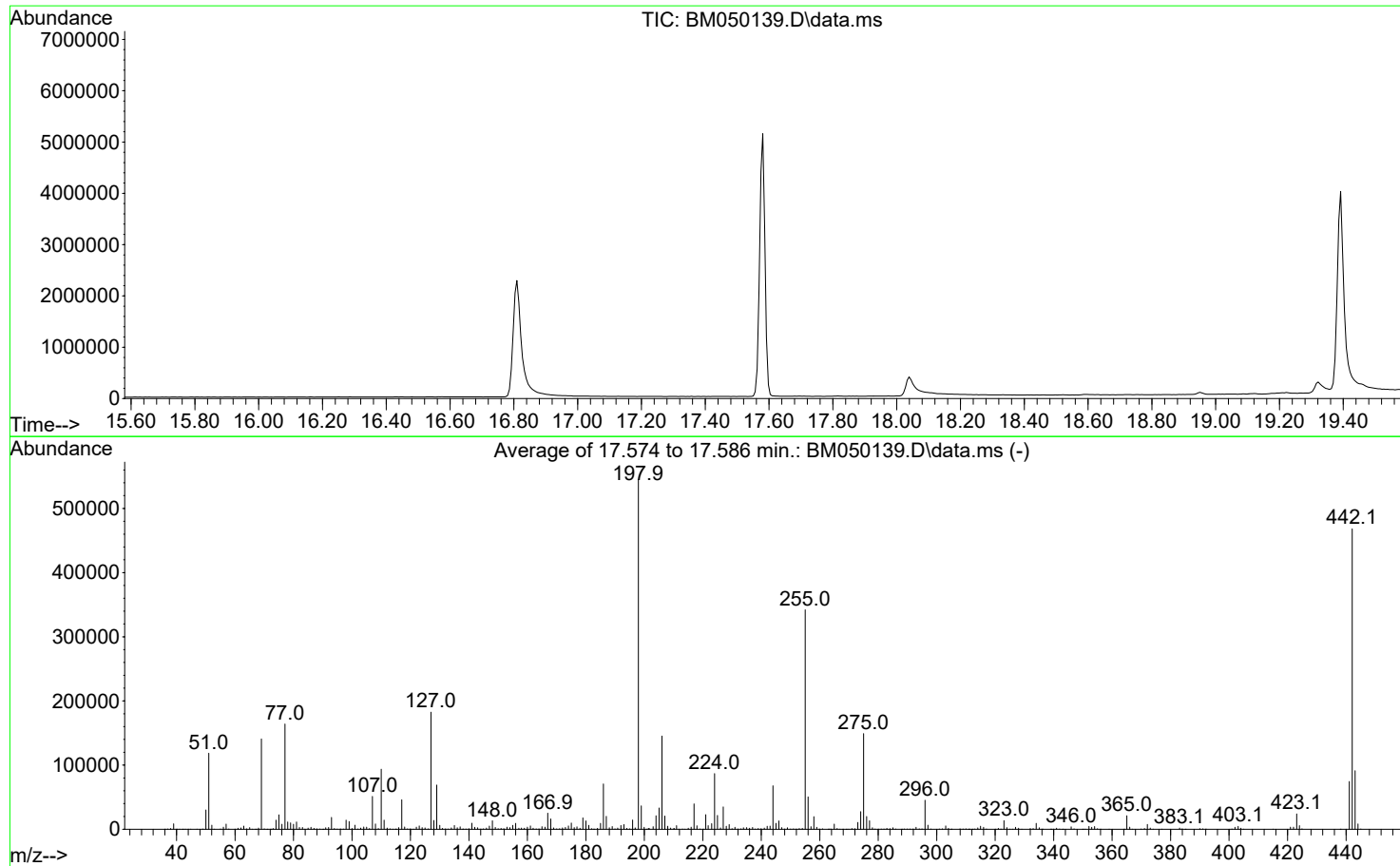
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	15.17
183.00	11.10	11.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu May 08 12:03:21 2025



AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2473

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	21.7	118511	PASS
68	69	0.00	2	1.4	2018	PASS
69	198	0.00	100	25.8	140810	PASS
70	69	0.00	2	0.4	628	PASS
127	198	10	80	33.5	182635	PASS
197	198	0.00	2	0.4	2160	PASS
198	198	100	100	100.0	545024	PASS
199	198	5	9	6.7	36635	PASS
275	198	10	60	27.3	149061	PASS
365	198	1	100	3.9	21040	PASS
441	198	0.01	100	13.6	74341	PASS
442	442	50	100	100.0	468224	PASS
443	442	15	24	19.5	91352	PASS

DDT Breakdown

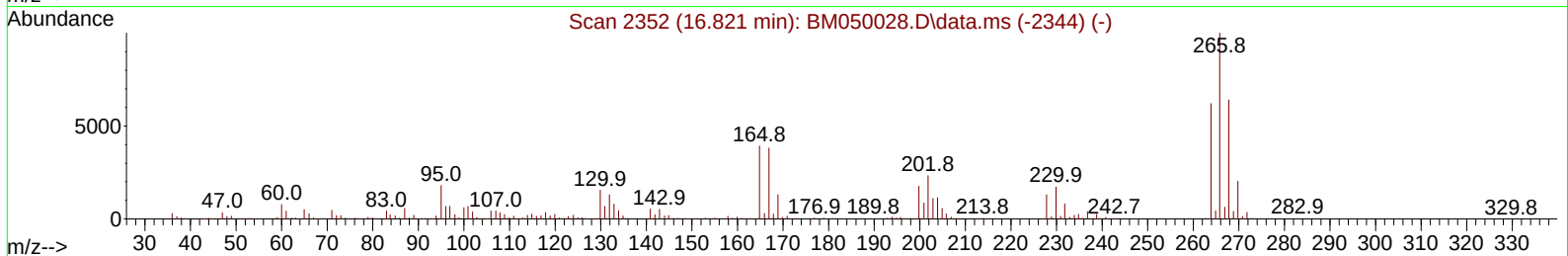
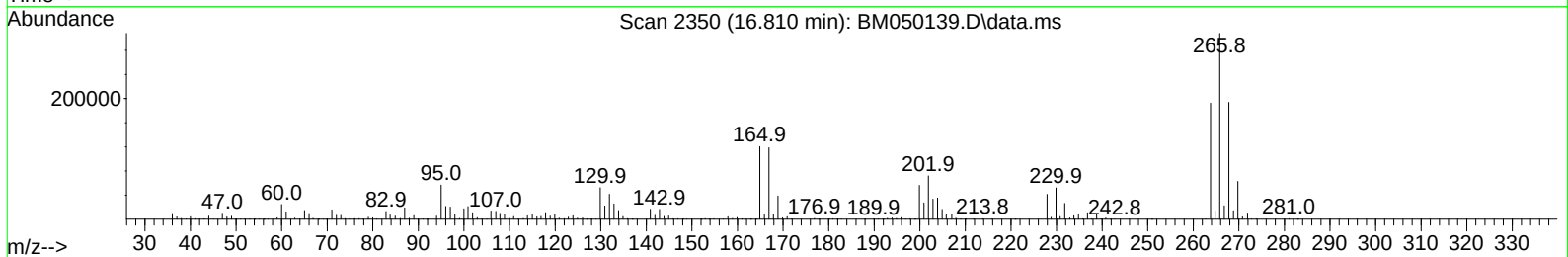
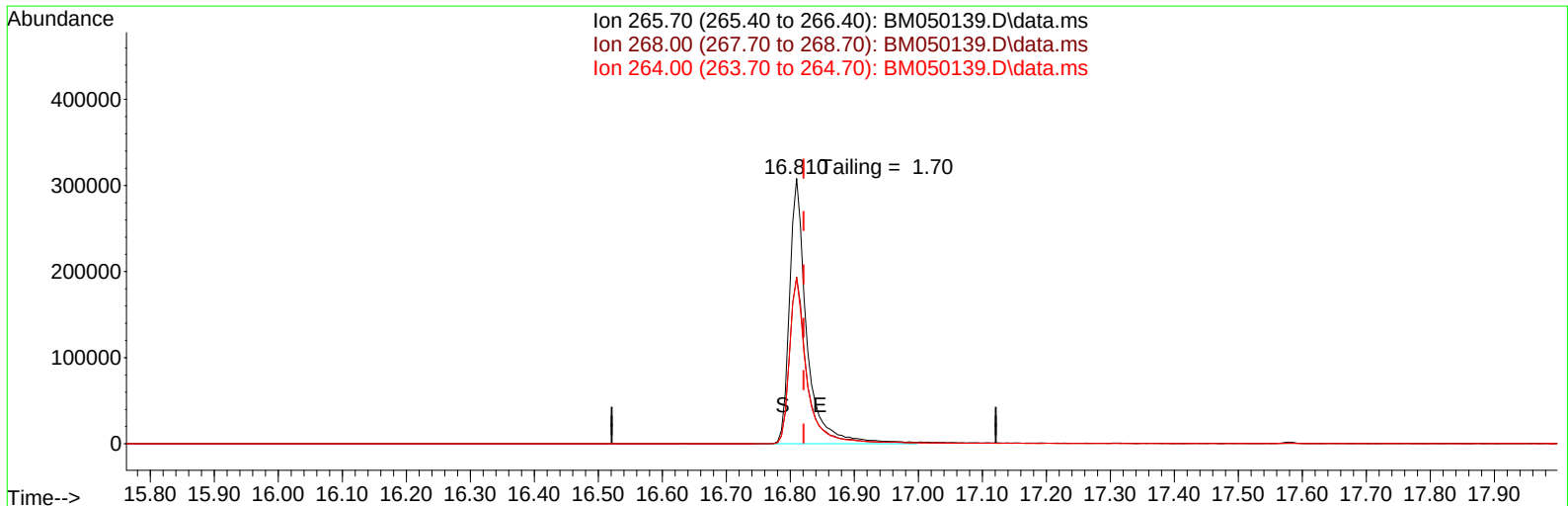
Date	Instrument Name	DFTPP Data File
5/8/2025	BNA_M	<u>BM050139.D</u>
Compound Name	Response	Retention Time
DDT	1691185	20.621
DDD	32020	20.186
DDE	2862	19.674
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
34882	1726067	2.02

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 08 11:50:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050139.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.011) 902047.65 ng

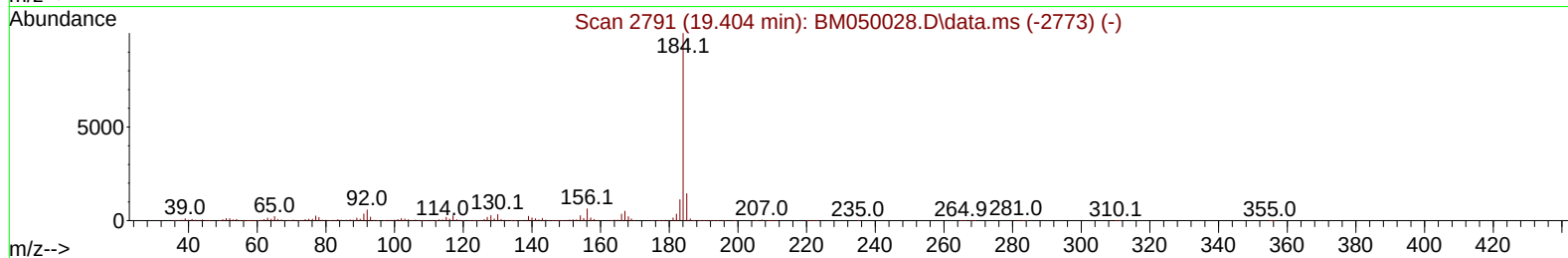
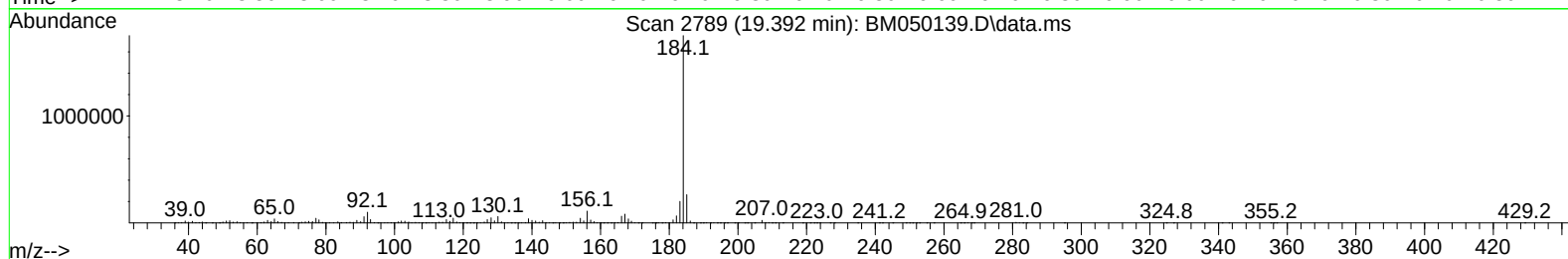
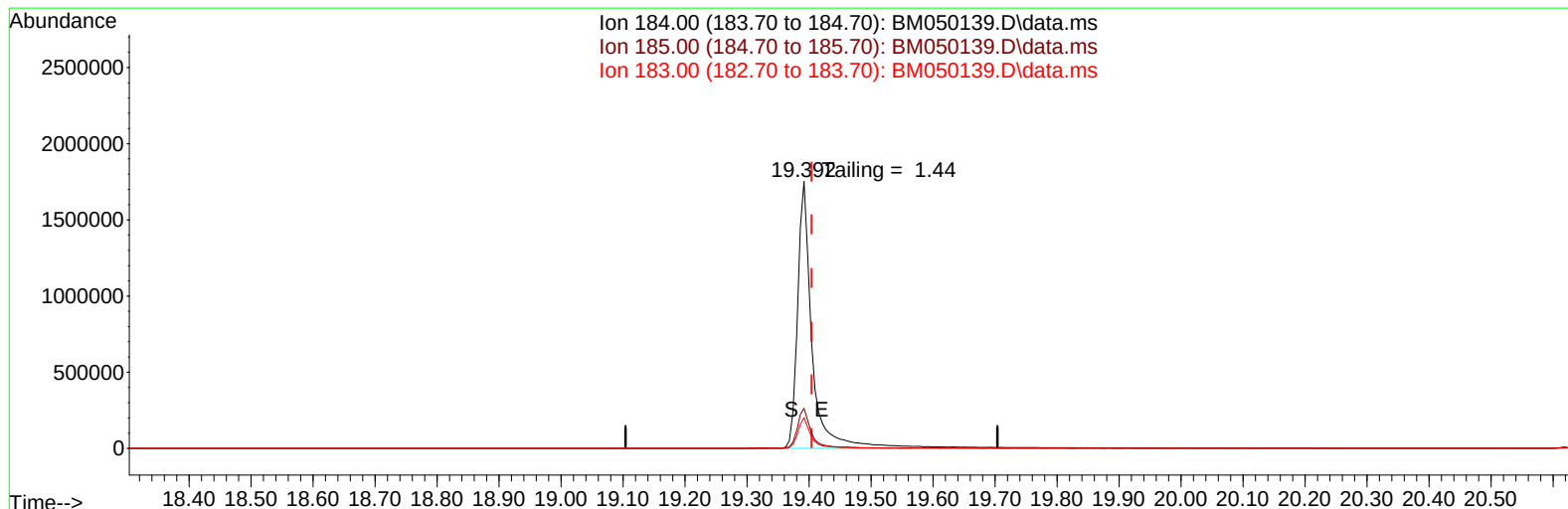
response 580377

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	62.90
264.00	62.00	62.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 08 11:50:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050139.D\data.ms

(77) Benzidine

19.392min (-0.012) 27949.85 ng

response 2854293

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	15.07
183.00	11.10	11.46
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1945
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
62-53-3	Aniline	1.50	U	1.50	5.00	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1945
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167889BL		SDG No.:	Q1945
Lab Sample ID:	PB167889BL		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	90%	SPK: 150
13127-88-3	Phenol-d6	128		15 (10) - 110 (134)	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	92.2		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	285000	7.739			
1146-65-2	Naphthalene-d8	989000	10.539			
15067-26-2	Acenaphthene-d10	616000	14.392			
1517-22-2	Phenanthrene-d10	1140000	17.145			
1719-03-5	Chrysene-d12	926000	21.391			
1520-96-3	Perylene-d12	1010000	24.385			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.80	A		4.87	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1945
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

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\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	284899	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	988666	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	615934	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1138365	20.000	ng	0.00
76) Chrysene-d12	21.391	240	926404	20.000	ng	0.00
86) Perylene-d12	24.385	264	1008661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2187119	134.427	ng	0.00
7) Phenol-d6	6.934	99	2617121	127.981	ng	0.00
23) Nitrobenzene-d5	8.904	82	1582925	78.895	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1174696	128.983	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4198005	80.628	ng	0.00
79) Terphenyl-d14	19.768	244	5770748	92.176	ng	0.00

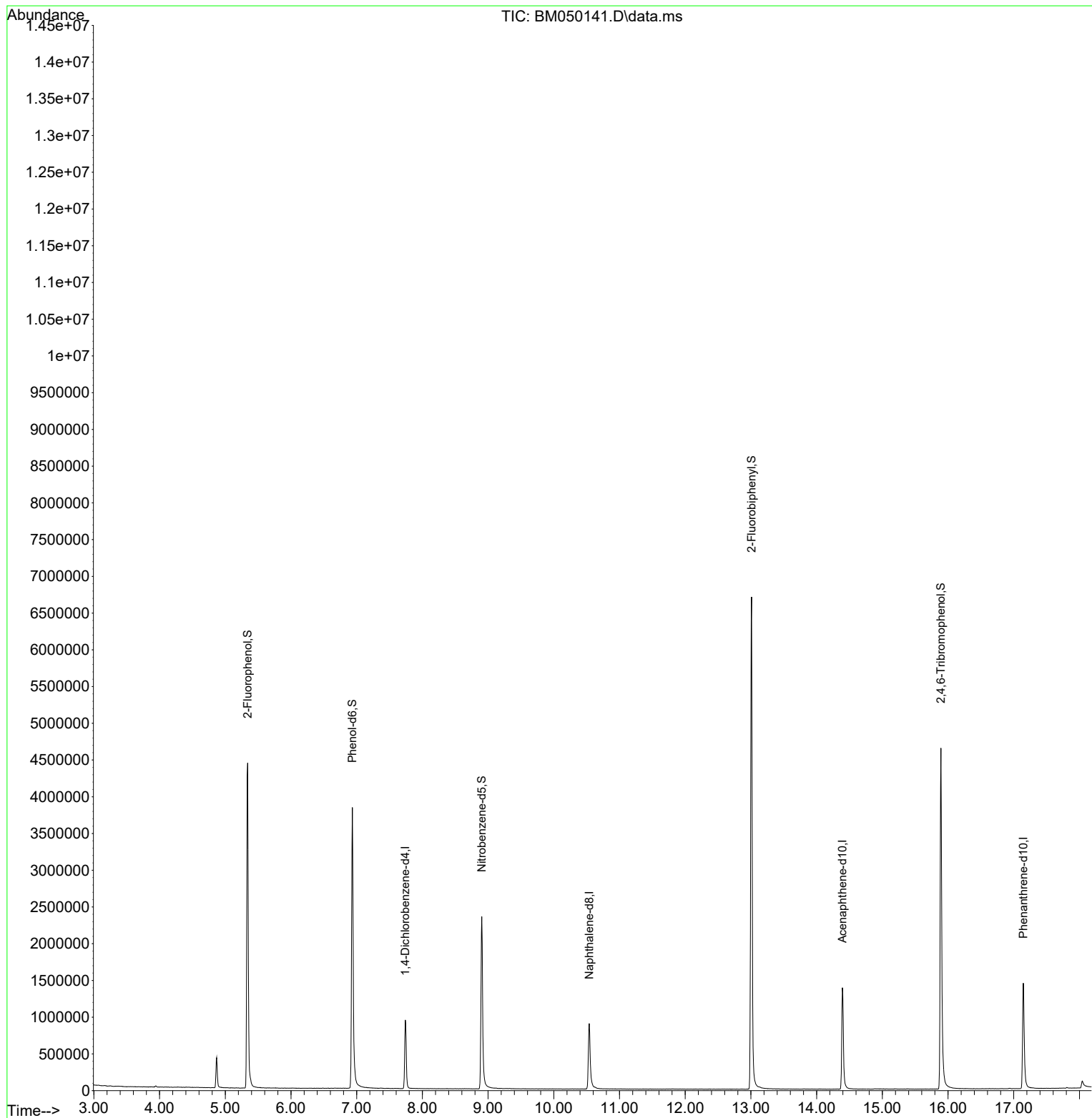
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

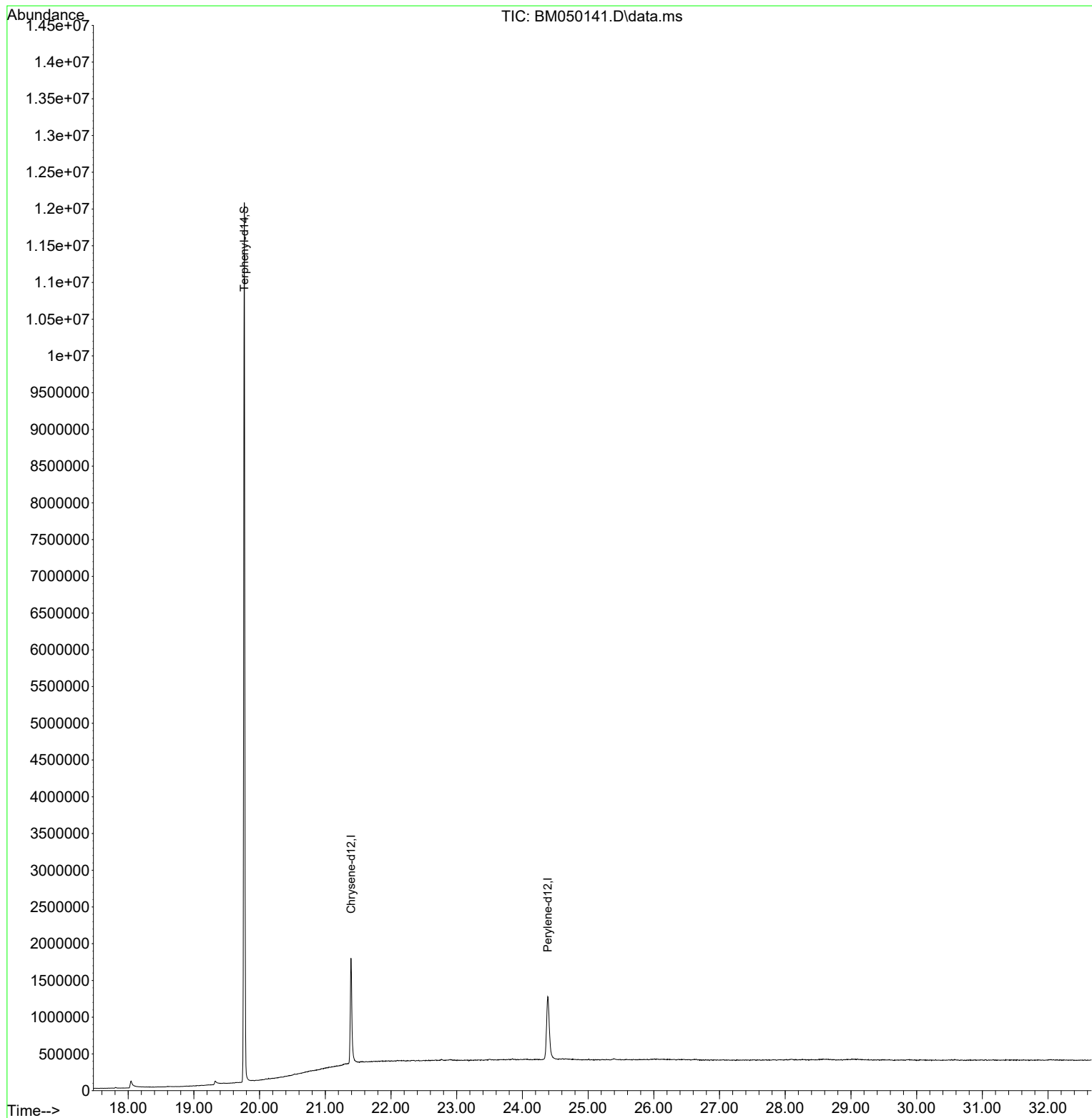
Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

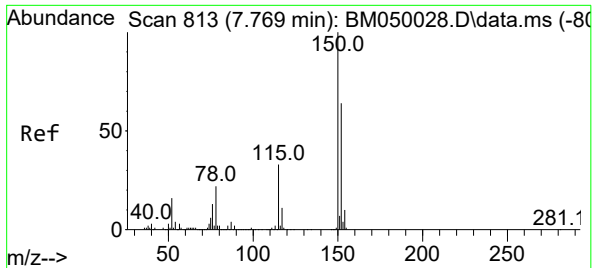


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

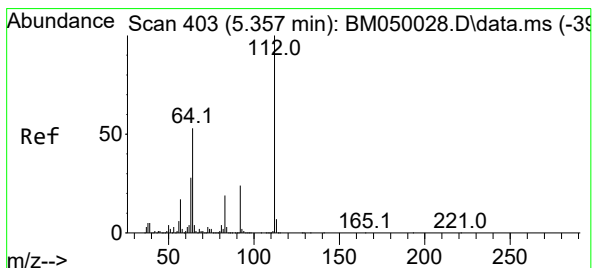
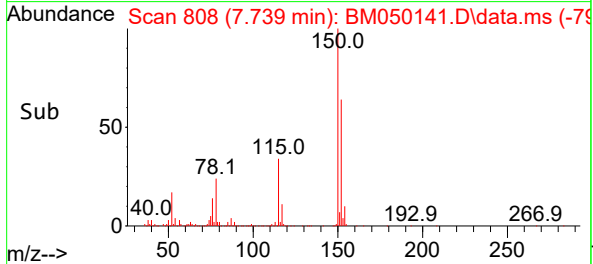
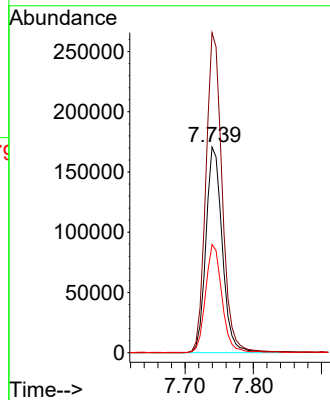
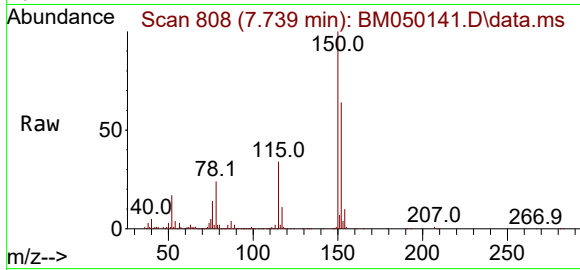




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

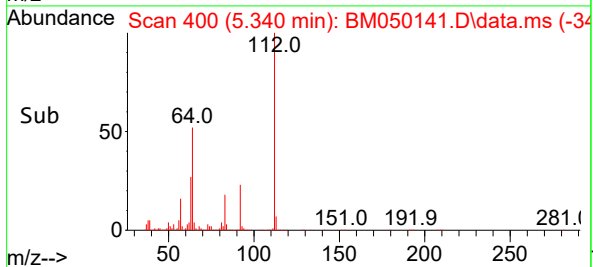
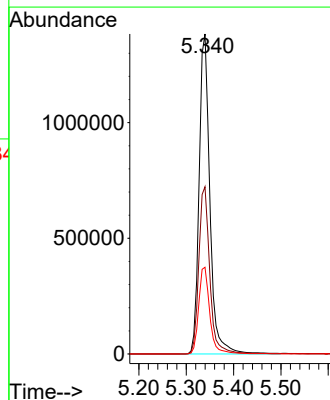
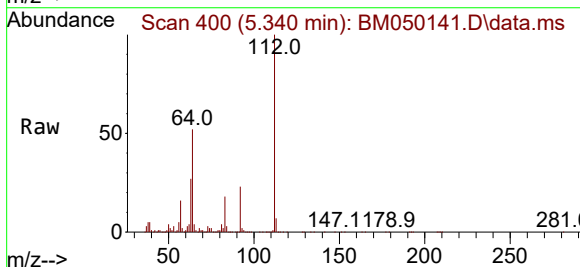
Instrument :
BNA_M
ClientSampleId :
PB167889BL

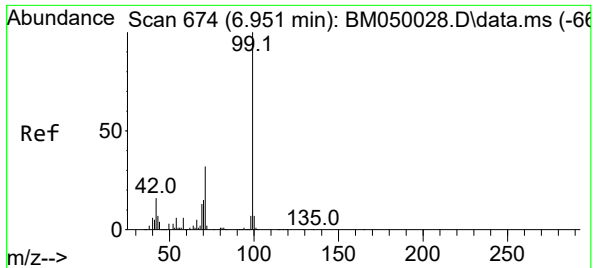
Tgt Ion:152 Resp: 284899
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 134.427 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:112 Resp: 2187119
Ion Ratio Lower Upper
112 100
64 52.2 42.6 64.0
63 27.1 22.2 33.4

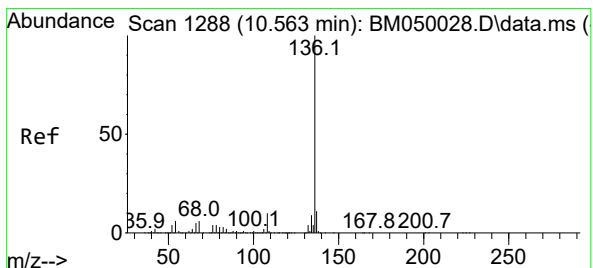
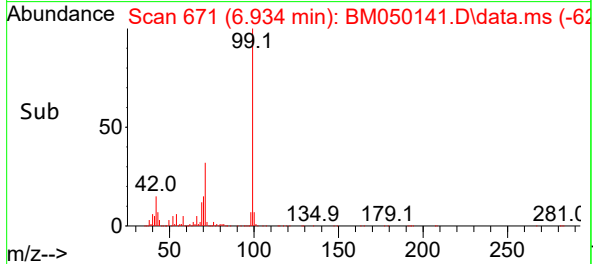
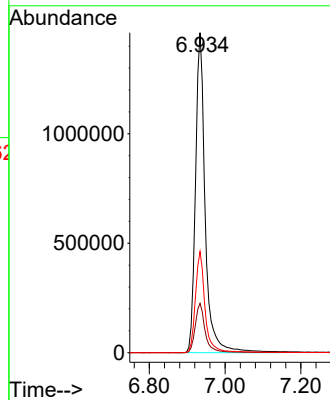
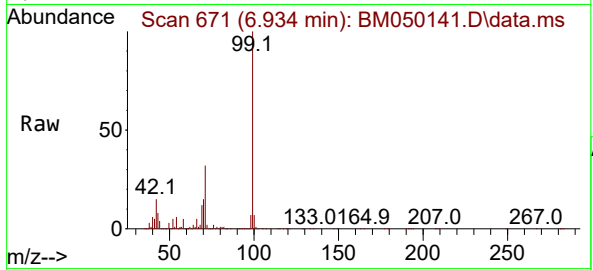




#7
Phenol-d6
Concen: 127.981 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

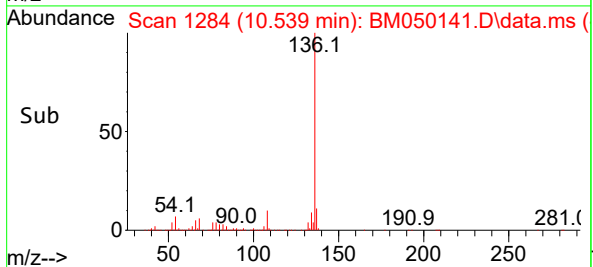
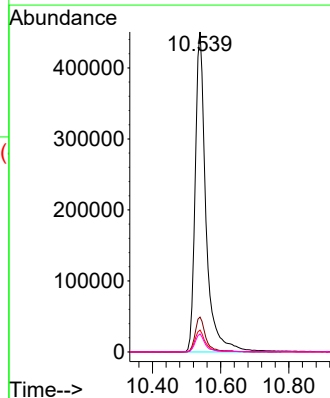
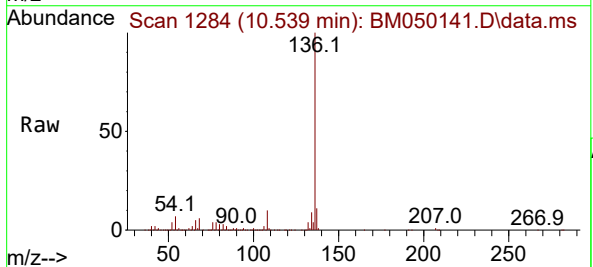
Instrument :
BNA_M
ClientSampleId :
PB167889BL

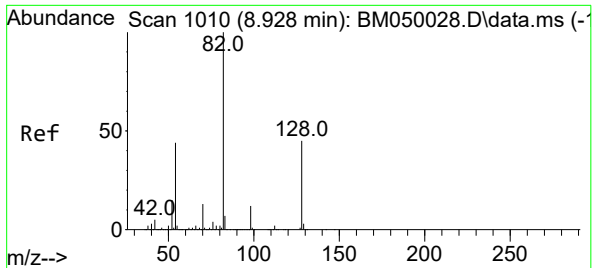
Tgt Ion: 99 Resp: 2617121
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion: 136 Resp: 988666
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.1 7.7
68 5.6 4.4 6.6

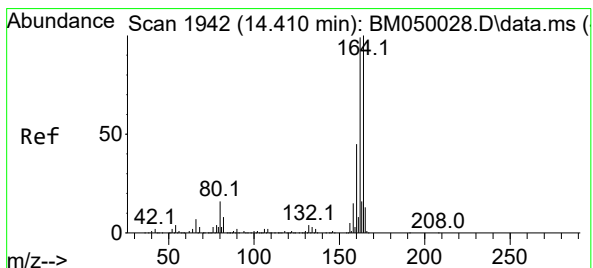
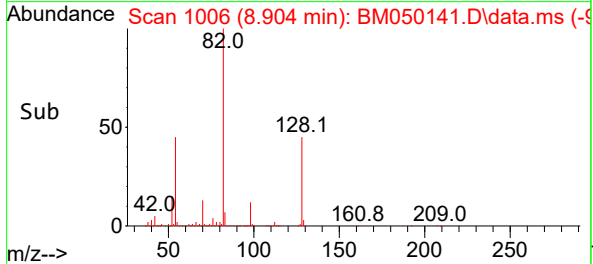
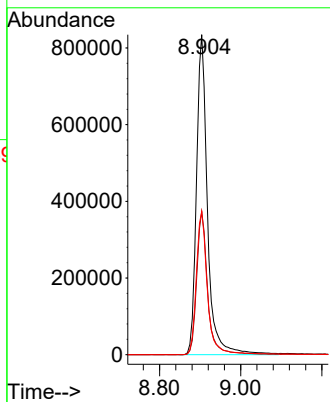
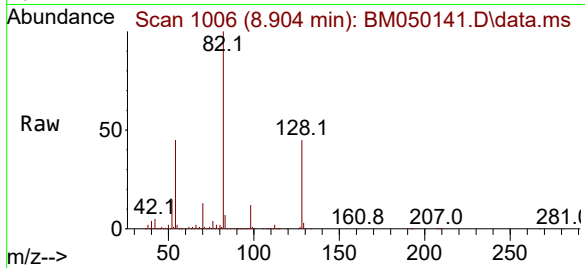




#23
Nitrobenzene-d5
Concen: 78.895 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

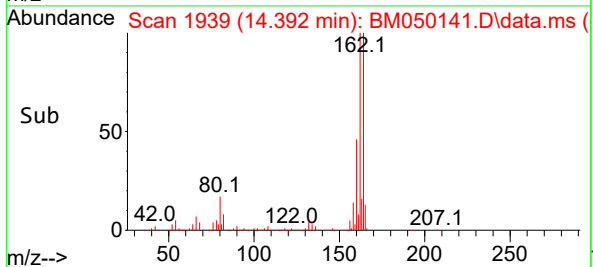
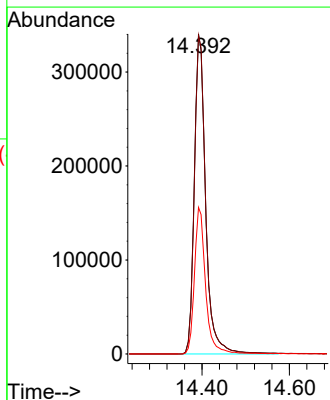
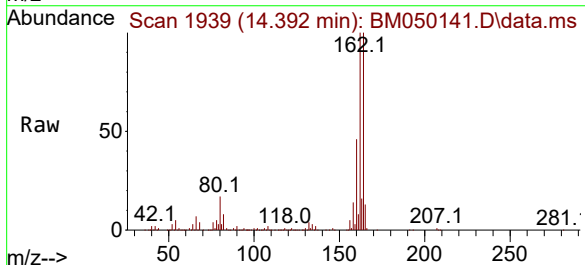
Instrument :
BNA_M
ClientSampleId :
PB167889BL

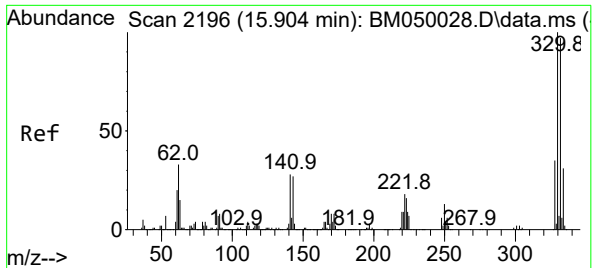
Tgt Ion: 82 Resp: 1582925
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 44.8 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

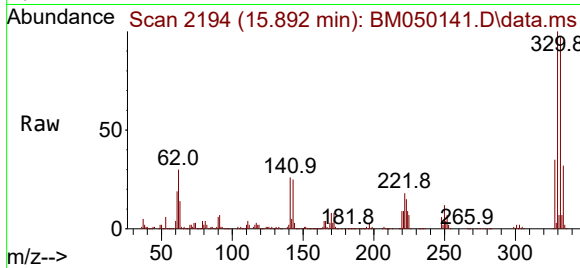
Tgt Ion: 164 Resp: 615934
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 45.8 36.2 54.4



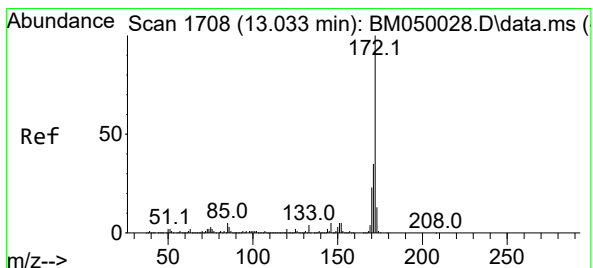
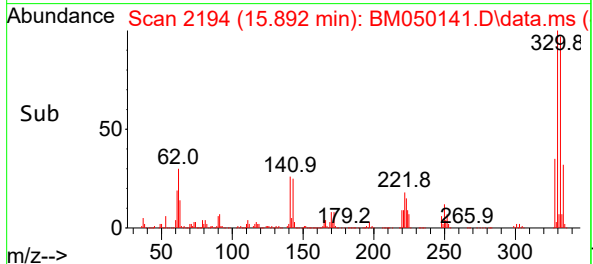
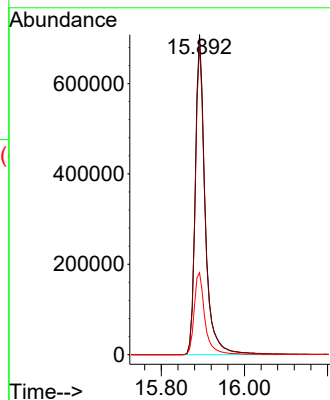


#42
2,4,6-Tribromophenol
Concen: 128.983 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

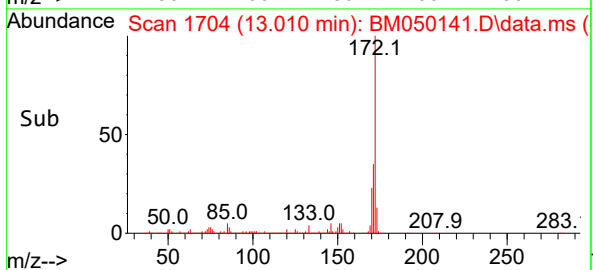
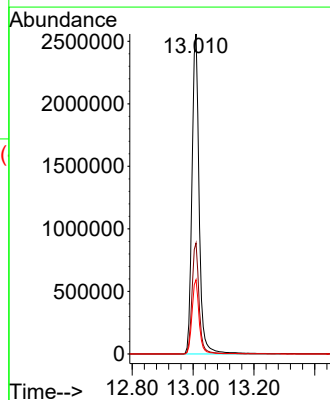
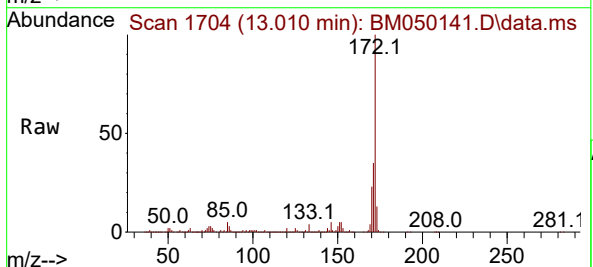


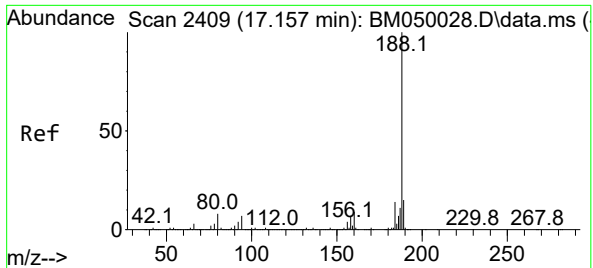
Tgt Ion:330 Resp: 1174696
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 28.1 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 80.628 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:172 Resp: 4198005
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 28.0

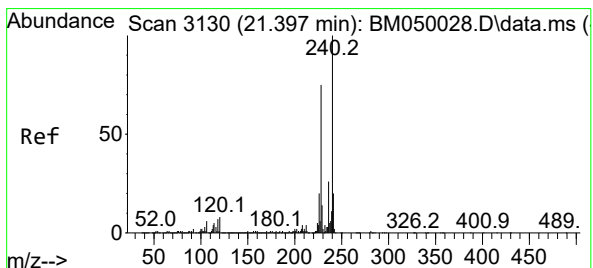
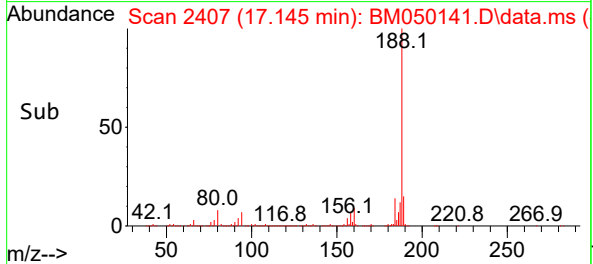
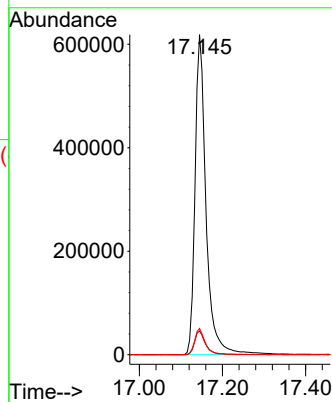
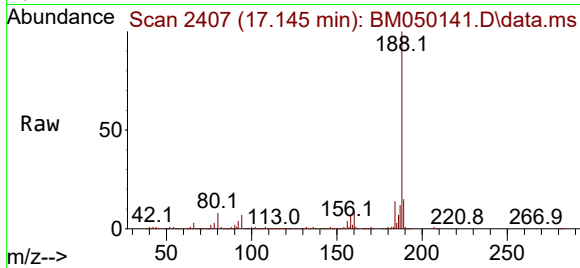




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

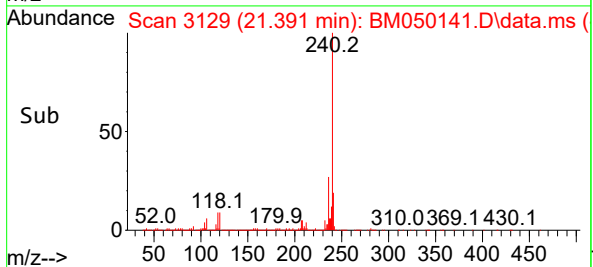
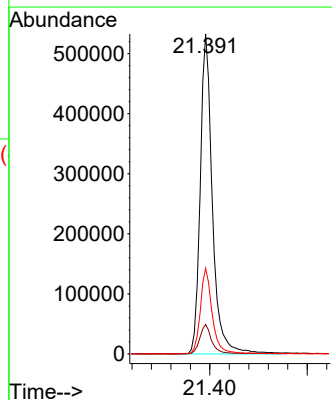
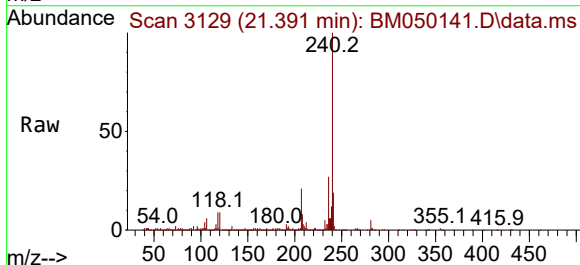
Instrument :
BNA_M
ClientSampleId :
PB167889BL

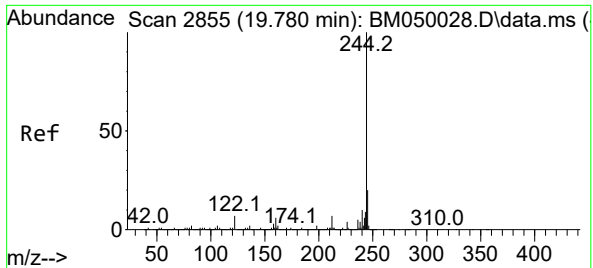
Tgt Ion:188 Resp: 1138365
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:240 Resp: 926404
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 26.7 20.9 31.3

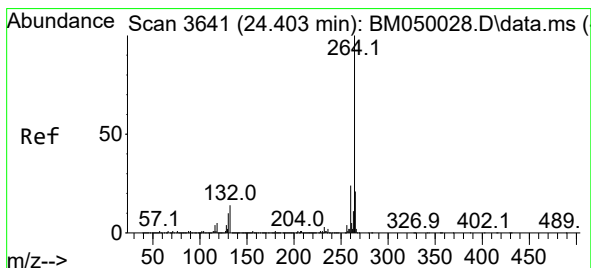
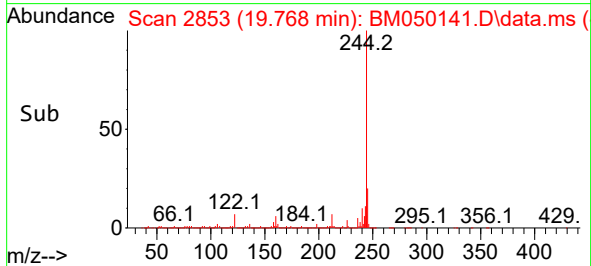
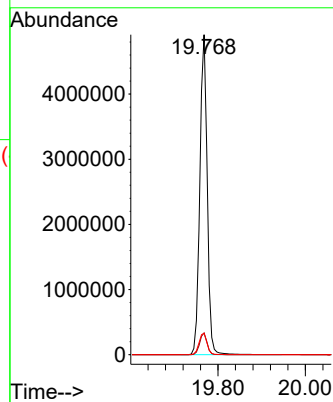
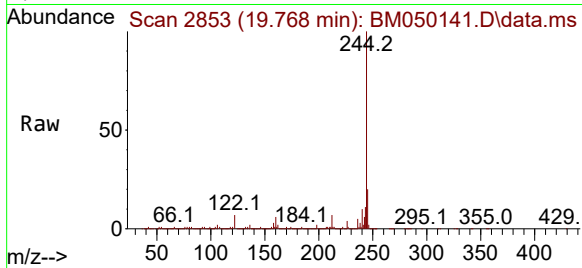




#79
Terphenyl-d14
Concen: 92.176 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

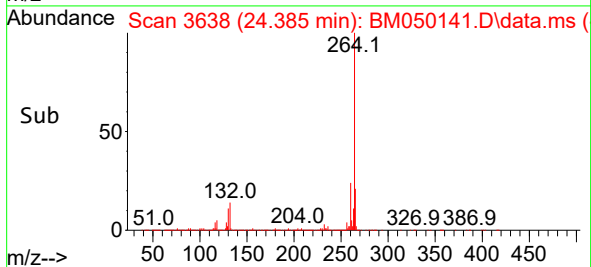
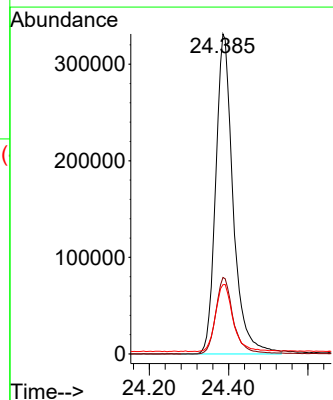
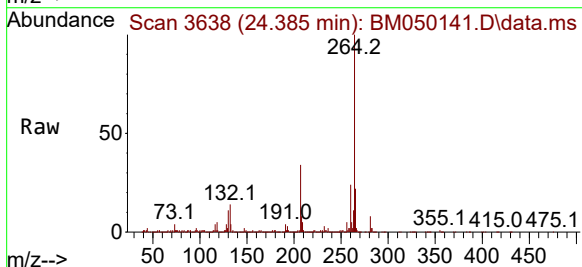
Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion:244 Resp: 5770748
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3638
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:264 Resp: 1008661
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.7 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050141.D
 Acq On : 08 May 2025 11:21
 Operator : RC/JU
 Sample : PB167889BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BL

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	410473	612536	4.26%	0.918%
2	5.340	393	400	417	rBV	4424702	7096282	49.41%	10.634%
3	6.934	664	671	700	rBV	3817923	6914069	48.14%	10.360%
4	7.739	800	808	821	rBV	935549	1563046	10.88%	2.342%
5	8.904	998	1006	1033	rBV	2345754	4486181	31.23%	6.722%
6	10.539	1275	1284	1306	rBV	892934	1964027	13.67%	2.943%
7	13.010	1696	1704	1731	rBV	6698872	11110302	77.35%	16.648%
8	14.392	1929	1939	1959	rBV	1381787	2513666	17.50%	3.767%
9	15.892	2187	2194	2233	rBV	4640284	8173491	56.91%	12.248%
10	17.145	2400	2407	2427	rBV2	1434806	2646945	18.43%	3.966%
11	18.045	2554	2560	2569	rBV3	93206	244419	1.70%	0.366%
12	19.768	2847	2853	2871	rBV	11970325	14363052	100.00%	21.523%
13	21.391	3123	3129	3143	rBV2	1434153	2520935	17.55%	3.778%
14	24.385	3631	3638	3660	rVB	848616	2525951	17.59%	3.785%

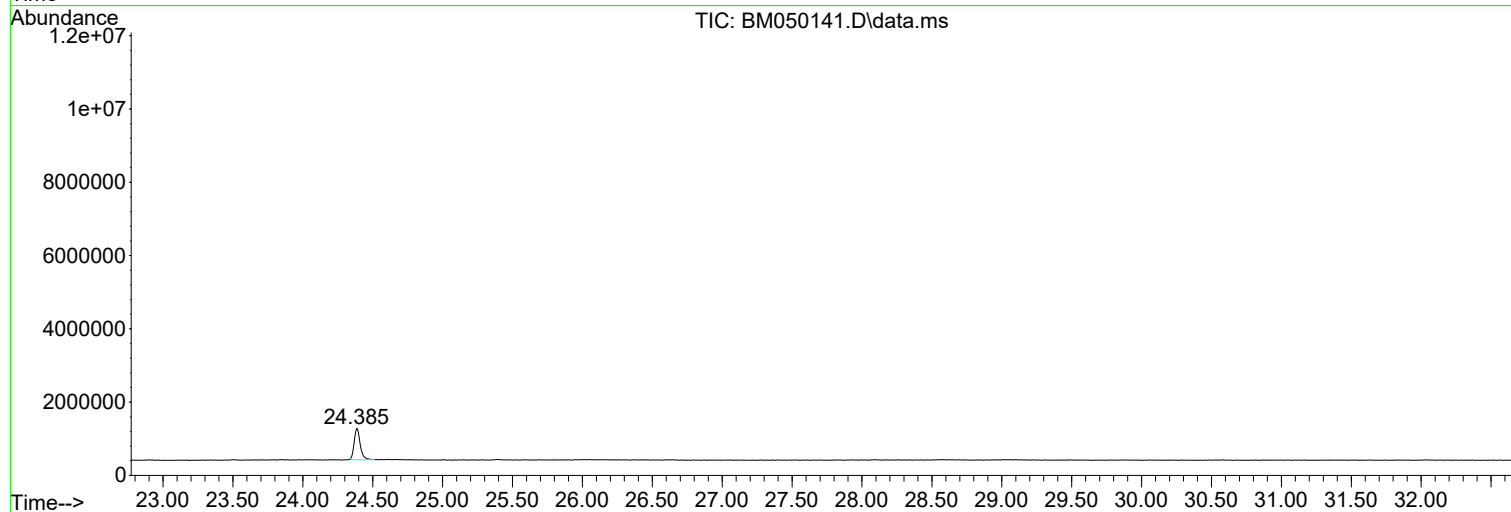
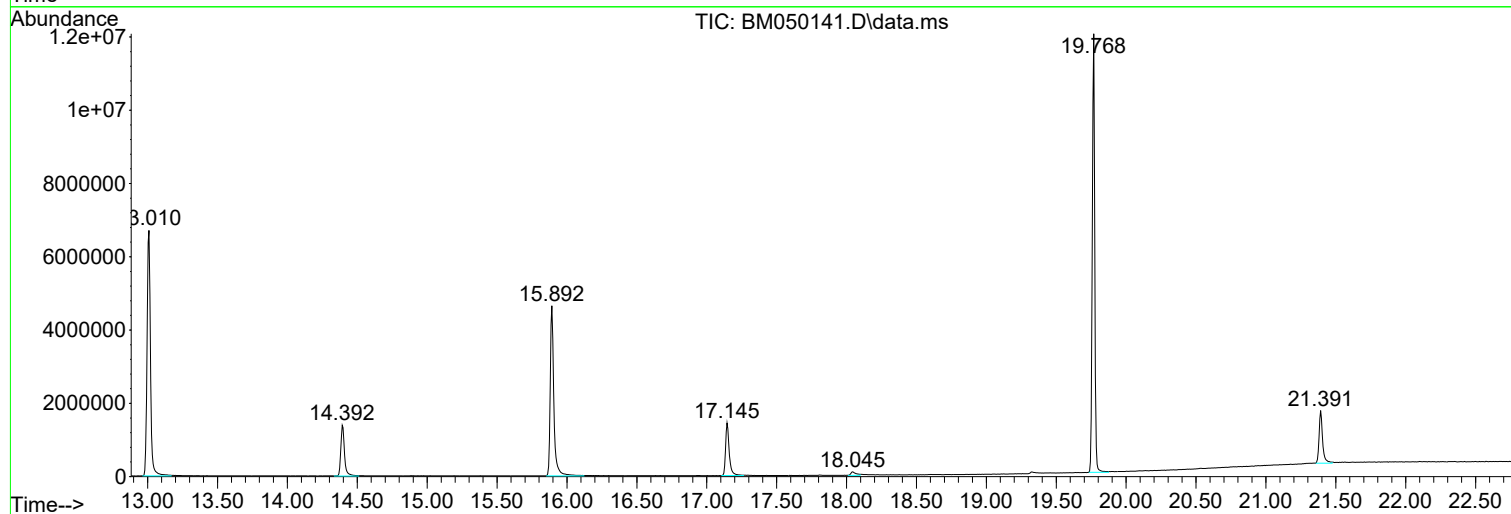
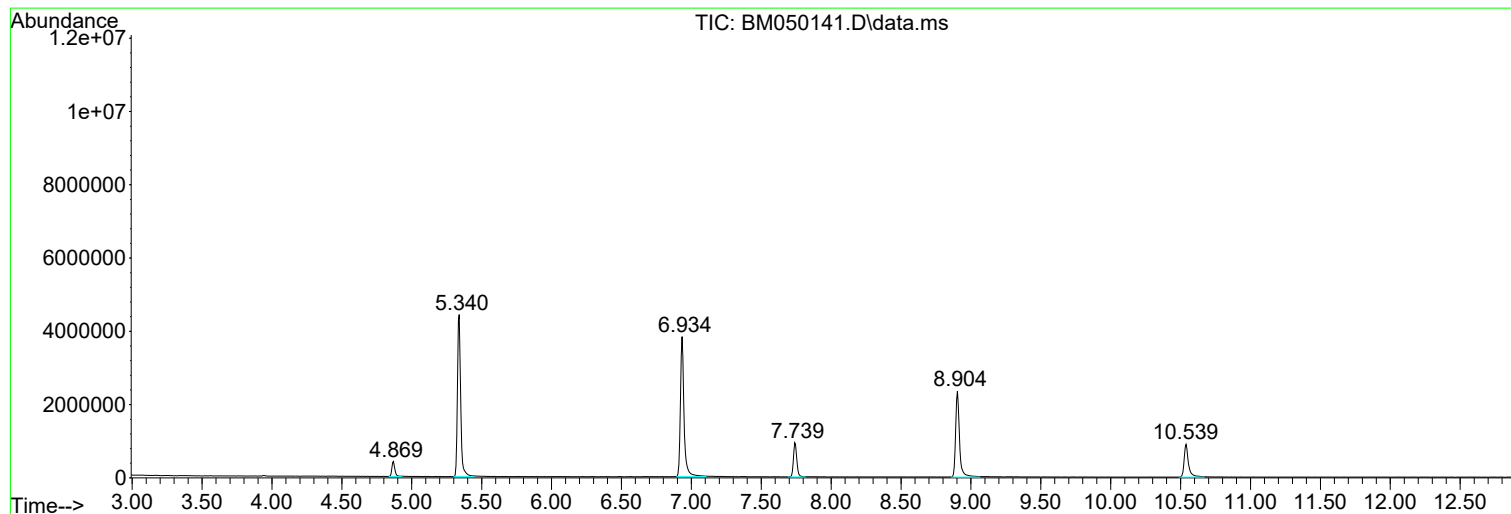
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Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

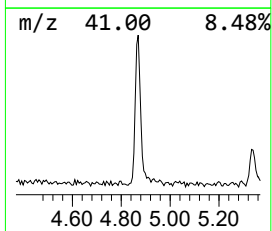
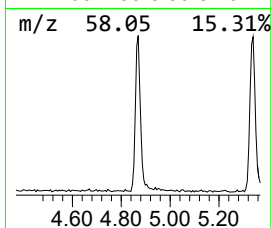
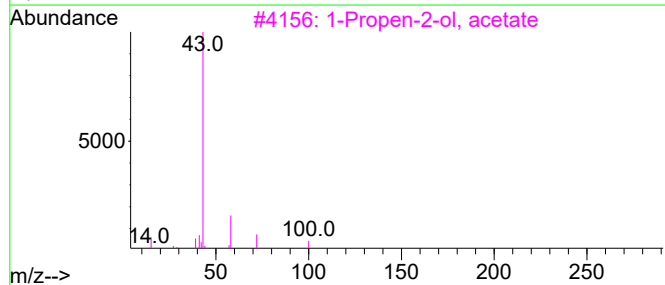
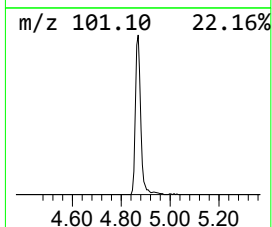
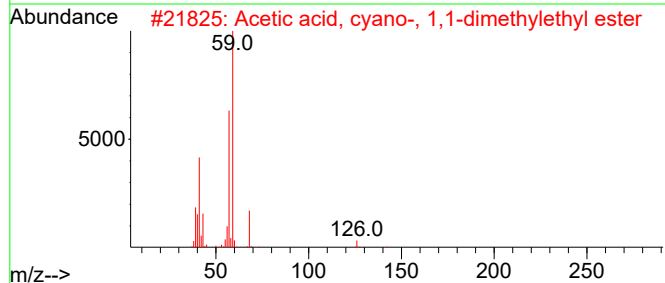
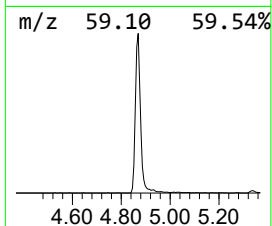
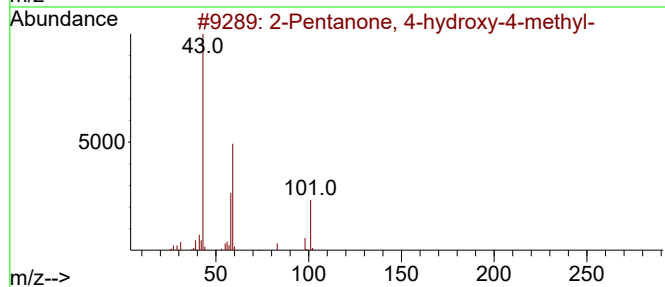
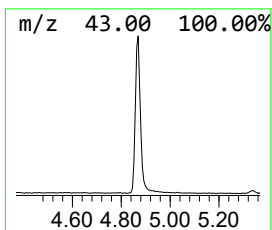
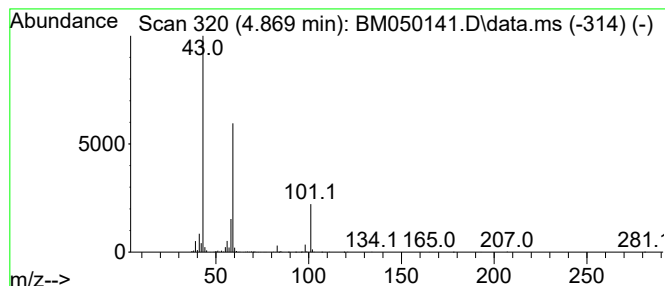
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	7.84 ng	612536	1,4-Dichlorobenzene-d4	7.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	7.8	ng	612536	1	7.739	1563050	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BS	SDG No.:	Q1945
Lab Sample ID:	PB167889BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.0		3.90	10.0	ug/L
62-53-3	Aniline	28.0		1.50	5.00	ug/L
108-95-2	Phenol	42.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		1.30	5.00	ug/L
98-86-2	Acetophenone	41.5		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	41.5		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.3		0.76	5.00	ug/L
78-59-1	Isophorone	39.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	43.8		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.3		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.0		0.52	5.00	ug/L
91-20-3	Naphthalene	40.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.54	5.00	ug/L
105-60-2	Caprolactam	37.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.8		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.9		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	95.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.3		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.7		1.30	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	PB167889BS	SDG No.:	Q1945
Lab Sample ID:	PB167889BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	41.2		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.3		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.1		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	79.6		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.7		2.40	10.0	ug/L
132-64-9	Dibenzofuran	41.8		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	42.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.68	5.00	ug/L
86-73-7	Fluorene	41.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	38.0		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
1912-24-9	Atrazine	43.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	95.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	5.00	ug/L
86-74-8	Carbazole	43.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	42.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.4		0.82	5.00	ug/L
129-00-0	Pyrene	44.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	24.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.45	5.00	ug/L
218-01-9	Chrysene	43.2		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.8		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167889BS		SDG No.:	Q1945
Lab Sample ID:	PB167889BS		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	43.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.2		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	33.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		30 (49) - 130 (133)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		30 (48) - 130 (125)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.74			
1146-65-2	Naphthalene-d8	938000	10.534			
15067-26-2	Acenaphthene-d10	568000	14.392			
1517-22-2	Phenanthrene-d10	1020000	17.139			
1719-03-5	Chrysene-d12	946000	21.38			
1520-96-3	Perylene-d12	978000	24.38			

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\BM050825\
 Data File : BM050142.D
 Acq On : 08 May 2025 12:00
 Operator : RC/JU
 Sample : PB167889BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

Quant Time: May 08 12:42:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270040	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	938494	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568093	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1021174	20.000	ng	0.00
76) Chrysene-d12	21.380	240	945959	20.000	ng	0.00
86) Perylene-d12	24.380	264	977986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1956963	126.899	ng	0.00
7) Phenol-d6	6.934	99	2378415	122.708	ng	0.00
23) Nitrobenzene-d5	8.904	82	1408955	73.978	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1043589	124.237	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3653835	76.087	ng	0.00
79) Terphenyl-d14	19.768	244	5064085	79.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	223866	33.856	ng	99
3) Pyridine	3.634	79	623284	36.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	274924	41.260	ng	99
6) Aniline	7.075	93	685482	28.007	ng	99
8) 2-Chlorophenol	7.316	128	710289	42.599	ng	98
9) Benzaldehyde	6.887	77	297678	22.950	ng	98
10) Phenol	6.957	94	842425	42.933	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	664180	40.537	ng	100
12) 1,3-Dichlorobenzene	7.628	146	805508	39.992	ng	99
13) 1,4-Dichlorobenzene	7.775	146	817636	40.408	ng	100
14) 1,2-Dichlorobenzene	8.093	146	785343	40.180	ng	99
15) Benzyl Alcohol	7.993	79	561188	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	815438	40.942	ng	99
17) 2-Methylphenol	8.204	107	539244	41.717	ng	99
18) Hexachloroethane	8.816	117	289103	40.192	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	492380	39.608	ng	99
20) 3+4-Methylphenols	8.534	107	724638	41.511	ng	96
22) Acetophenone	8.569	105	967776	41.478	ng	99
24) Nitrobenzene	8.945	77	696141	42.273	ng	99
25) Isophorone	9.475	82	1295435	39.903	ng	99
26) 2-Nitrophenol	9.657	139	368859	43.844	ng	99
27) 2,4-Dimethylphenol	9.728	122	598259	42.880	ng	100
28) bis(2-Chloroethoxy)met...	9.945	93	827841	41.256	ng	99
29) 2,4-Dichlorophenol	10.210	162	672716	43.040	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	783066	41.121	ng	99
31) Naphthalene	10.587	128	1944854	40.920	ng	99
32) Benzoic acid	9.910	122	373948	41.908	ng	98
33) 4-Chloroaniline	10.716	127	345539	17.737	ng	99
34) Hexachlorobutadiene	10.869	225	506147	41.872	ng	100
35) Caprolactam	11.510	113	170422	37.395	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	588941	40.784	ng	97
37) 2-Methylnaphthalene	12.204	142	1272363	39.930	ng	99
38) 1-Methylnaphthalene	12.422	142	1330659	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	869756	44.227	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1151100	95.780	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	558909	44.808	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050142.D
 Acq On : 08 May 2025 12:00
 Operator : RC/JU
 Sample : PB167889BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

Quant Time: May 08 12:42:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

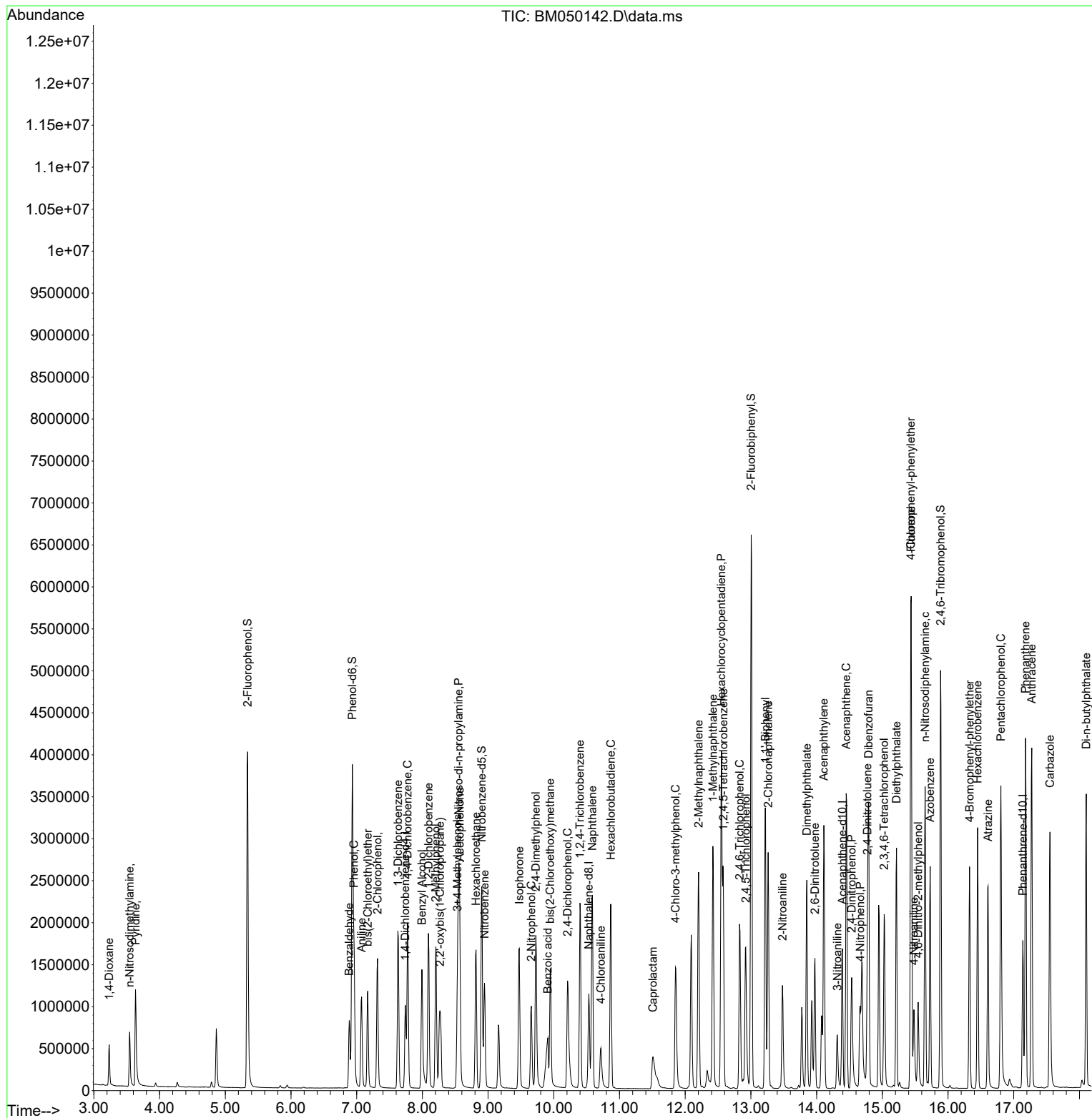
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	595418	44.267	ng	99
46) 1,1'-Biphenyl	13.222	154	1824120	43.196	ng	99
47) 2-Chloronaphthalene	13.263	162	1435664	42.925	ng	100
48) 2-Nitroaniline	13.480	65	350822	44.692	ng	99
49) Acenaphthylene	14.110	152	2229269	42.274	ng	100
50) Dimethylphthalate	13.851	163	1711305	41.219	ng	100
51) 2,6-Dinitrotoluene	13.975	165	370744	43.131	ng	99
52) Acenaphthene	14.451	154	1286566	42.149	ng	99
53) 3-Nitroaniline	14.316	138	203467	24.793	ng	98
54) 2,4-Dinitrophenol	14.533	184	437692	79.596	ng	98
55) Dibenzofuran	14.792	168	2121632	41.776	ng	99
56) 4-Nitrophenol	14.663	139	503968	75.740	ng	100
57) 2,4-Dinitrotoluene	14.774	165	509344	42.882	ng	97
58) Fluorene	15.439	166	1729486	41.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.027	232	487372	41.860	ng	99
60) Diethylphthalate	15.216	149	1565730	40.024	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	952609	41.722	ng	99
62) 4-Nitroaniline	15.480	138	300705	37.978	ng	98
63) Azobenzene	15.727	77	1367543	41.712	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	284575	44.519	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1427311	45.517	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	547445	44.332	ng	97
68) Hexachlorobenzene	16.451	284	633103	44.477	ng	98
69) Atrazine	16.610	200	493748	43.652	ng	99
70) Pentachlorophenol	16.804	266	768709	95.939	ng	99
71) Phenanthrene	17.180	178	2485581	43.156	ng	100
72) Anthracene	17.274	178	2559025	43.905	ng	100
73) Carbazole	17.551	167	2188535	43.271	ng	100
74) Di-n-butylphthalate	18.104	149	2568048	42.636	ng	100
75) Fluoranthene	19.204	202	2865387	42.375	ng	99
77) Benzidine	19.392	184	1066546	31.741	ng	99
78) Pyrene	19.568	202	2925918	44.046	ng	100
80) Butylbenzylphthalate	20.462	149	1090426	43.828	ng	98
81) Benzo(a)anthracene	21.362	228	2849979	43.751	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	620352	24.877	ng	# 99
83) Chrysene	21.427	228	2604413	43.198	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1590468	42.798	ng	99
85) Di-n-octyl phthalate	22.403	149	2675728	43.660	ng	100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3550952	48.729	ng	100
88) Benzo(b)fluoranthene	23.433	252	2769019	43.537	ng	99
89) Benzo(k)fluoranthene	23.492	252	2702901	42.013	ng	99
90) Benzo(a)pyrene	24.239	252	2612810	43.862	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2908155	48.956	ng	99
92) Benzo(g,h,i)perylene	28.815	276	2756751	48.474	ng	100

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

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 Data File : BM050142.D
 Acq On : 08 May 2025 12:00
 Operator : RC/JU
 Sample : PB167889BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BS

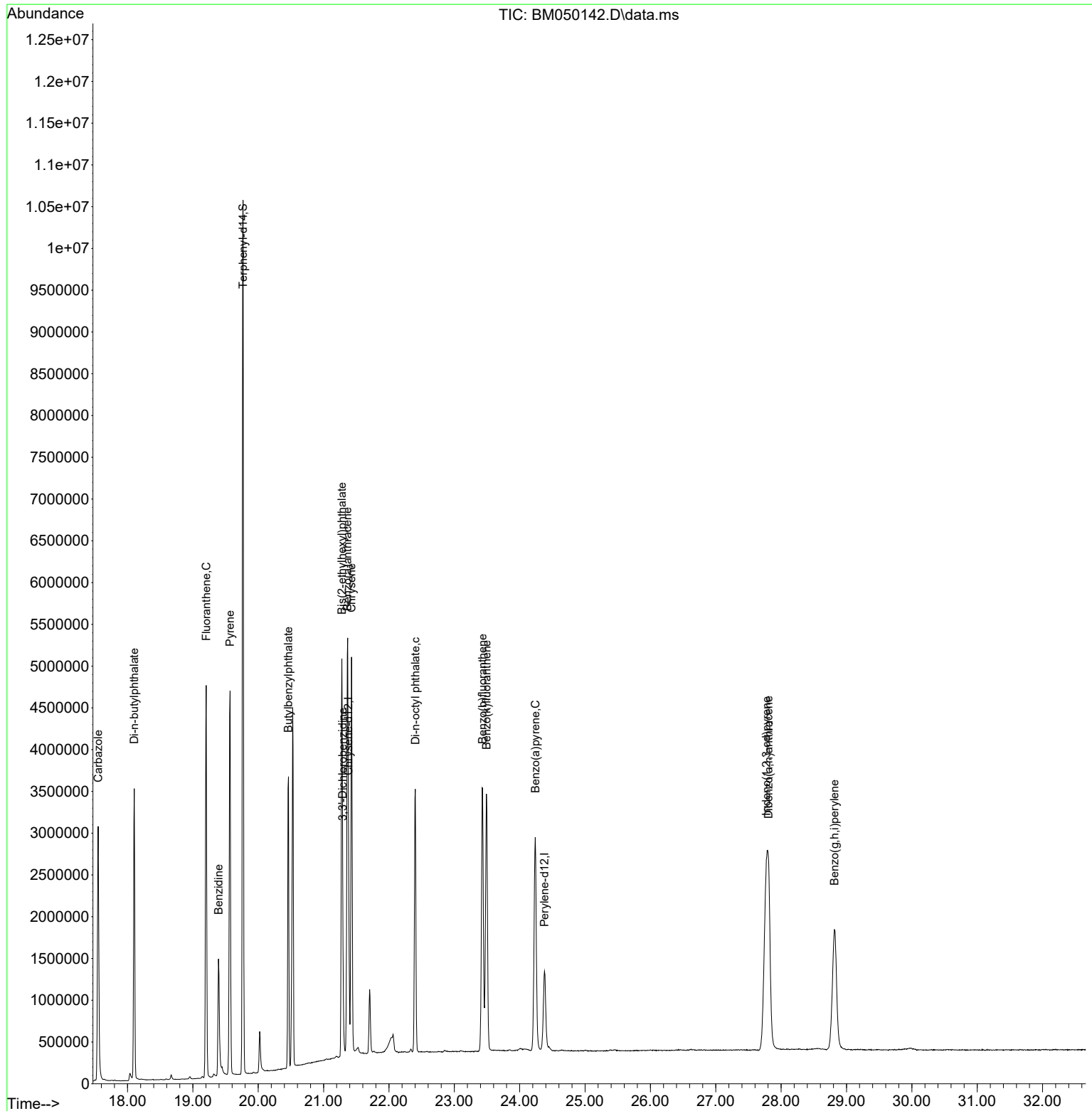
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 Response via : Initial Calibration

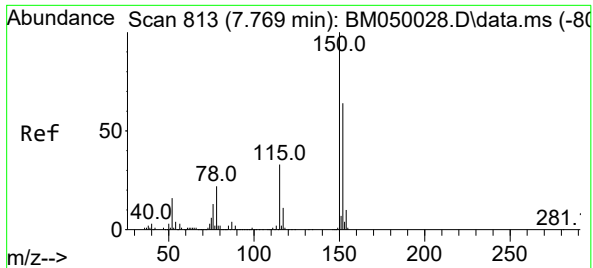


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BNA_M
ClientSampleId :
PB167889BS

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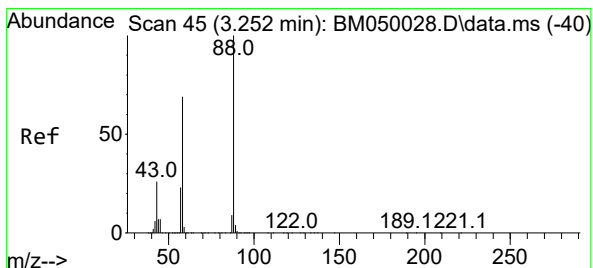
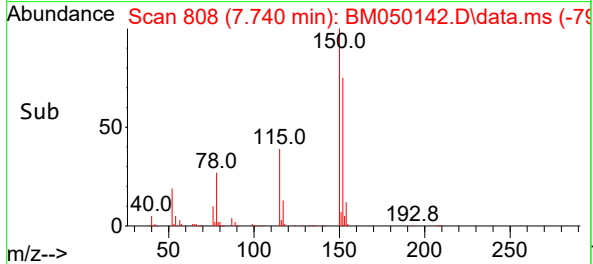
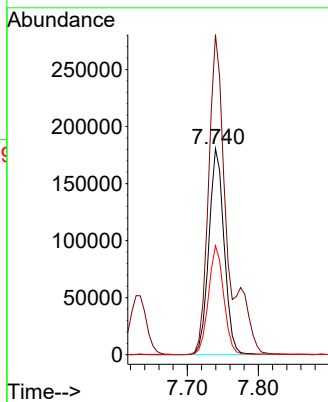
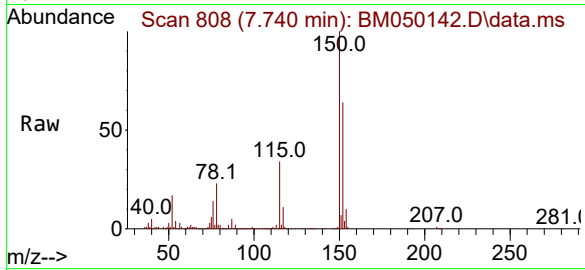




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

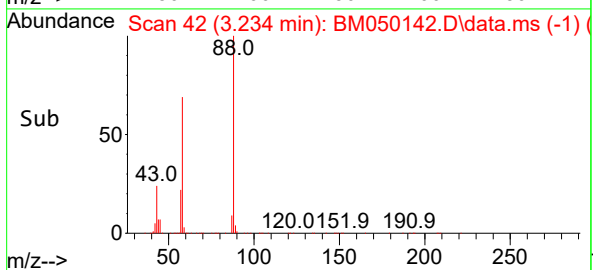
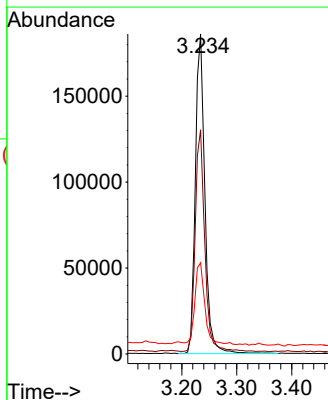
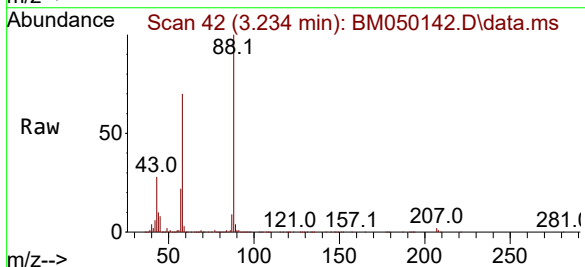
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ClientSampleId :
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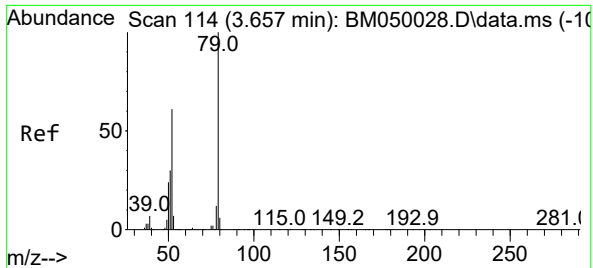
Tgt Ion:152 Resp: 270040
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 52.9 41.2 61.8



#2
1,4-Dioxane
Concen: 33.856 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 88 Resp: 223866
Ion Ratio Lower Upper
88 100
58 69.3 55.1 82.7
43 26.7 20.9 31.3

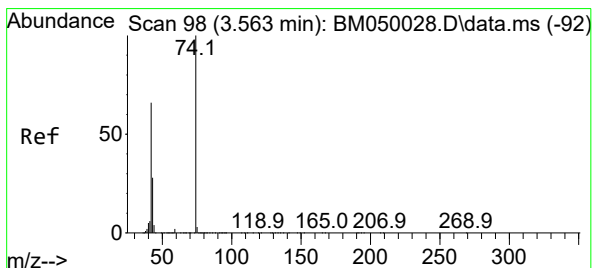
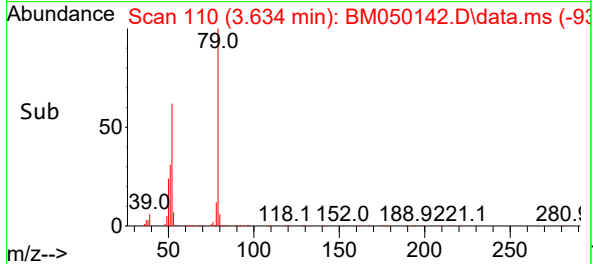
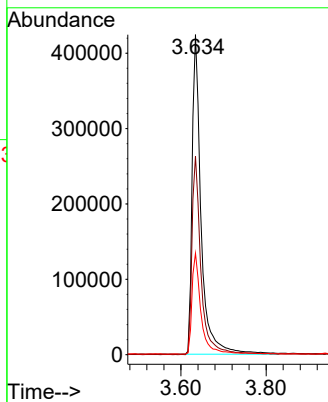
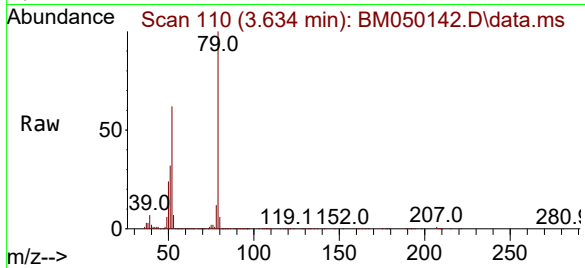




#3
Pyridine
Concen: 36.688 ng
RT: 3.634 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

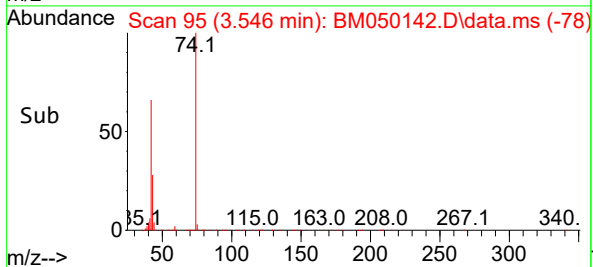
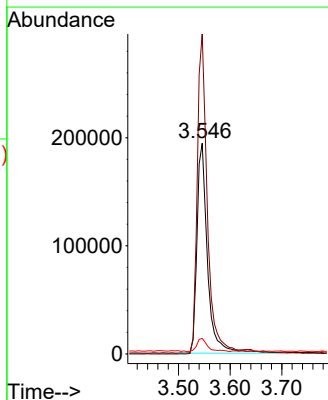
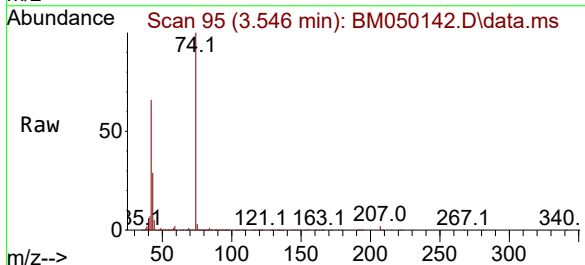
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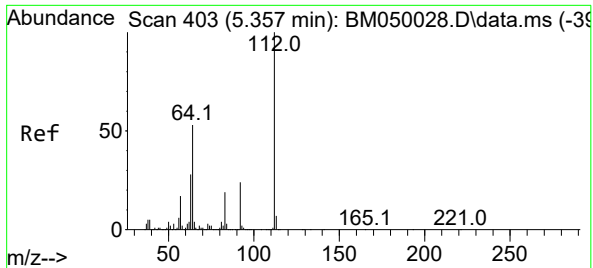
Tgt Ion: 79 Resp: 623284
Ion Ratio Lower Upper
79 100
52 62.0 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 41.260 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 42 Resp: 274924
Ion Ratio Lower Upper
42 100
74 151.8 120.2 180.2
44 7.4 6.2 9.2

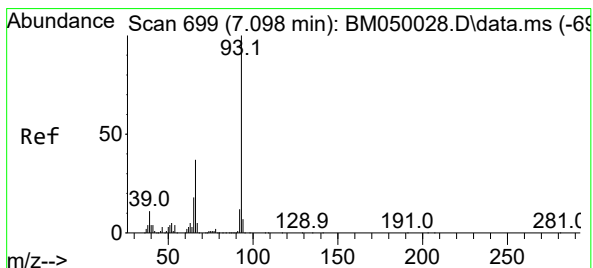
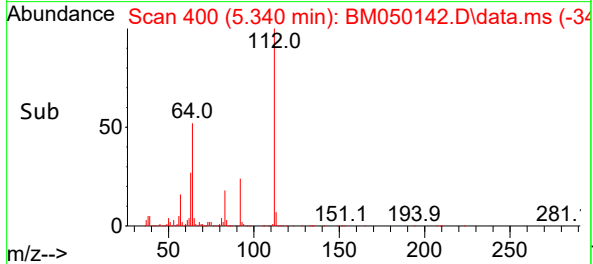
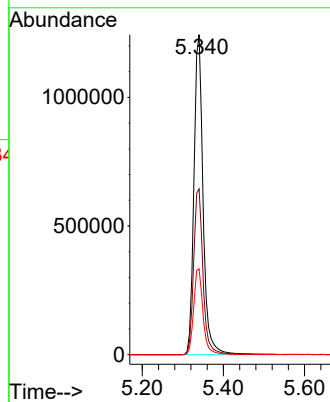
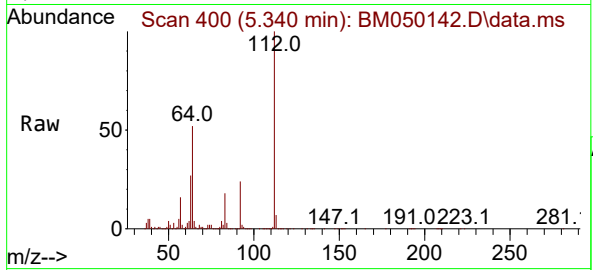




#5
2-Fluorophenol
Concen: 126.899 ng
RT: 5.340 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

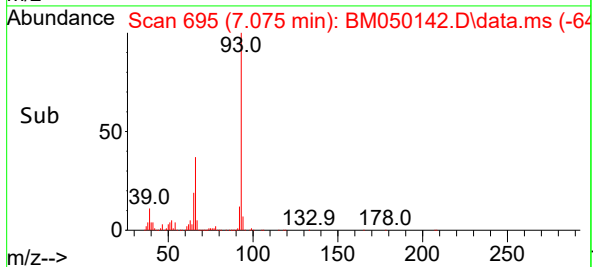
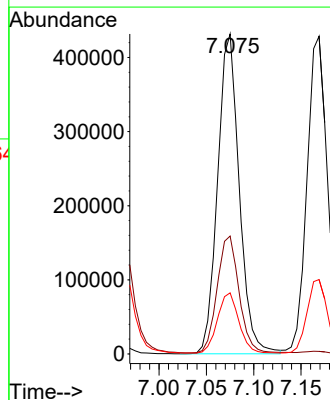
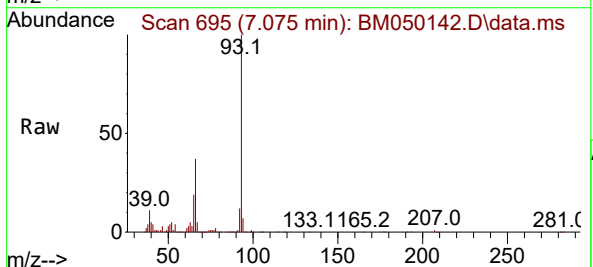
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ClientSampleId :
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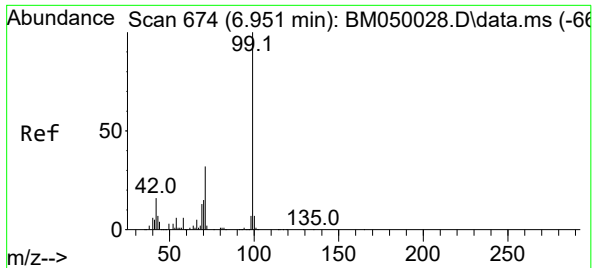
Tgt Ion:112 Resp: 1956963
Ion Ratio Lower Upper
112 100
64 51.8 42.6 64.0
63 26.8 22.2 33.4



#6
Aniline
Concen: 28.007 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 93 Resp: 685482
Ion Ratio Lower Upper
93 100
66 36.9 29.9 44.9
65 19.1 14.5 21.7

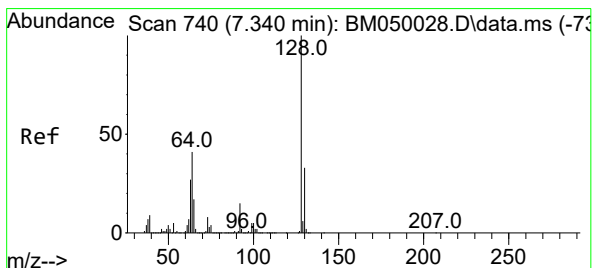
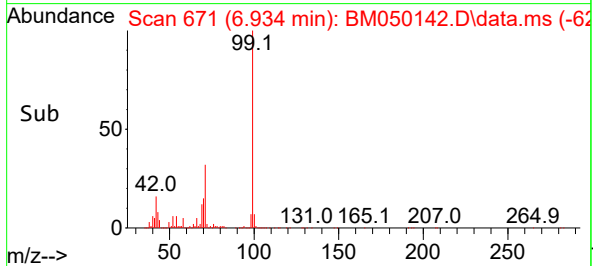
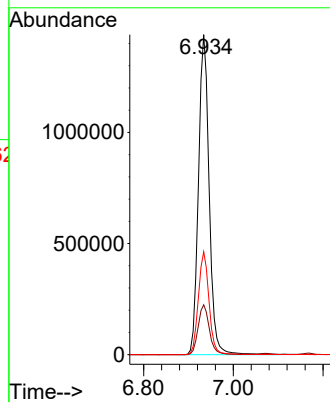
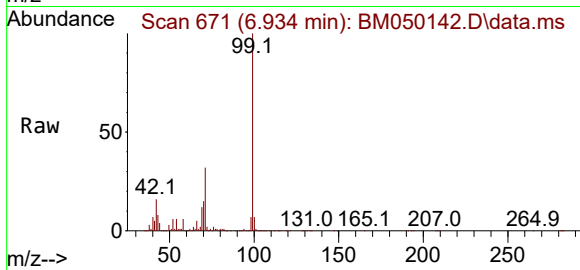




#7
Phenol-d6
Concen: 122.708 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

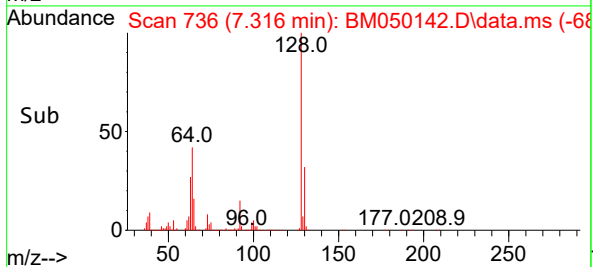
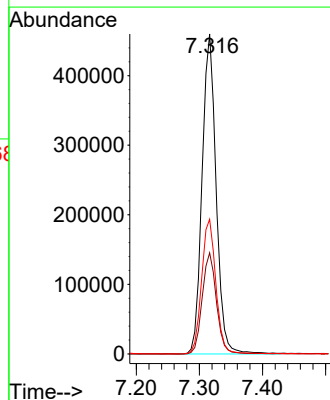
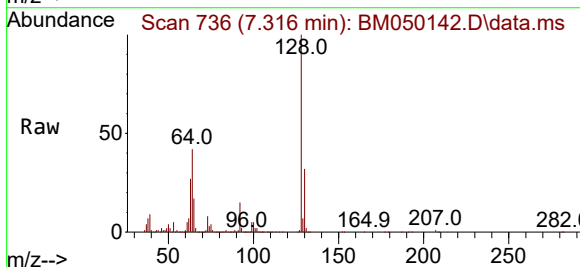
Instrument :
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ClientSampleId :
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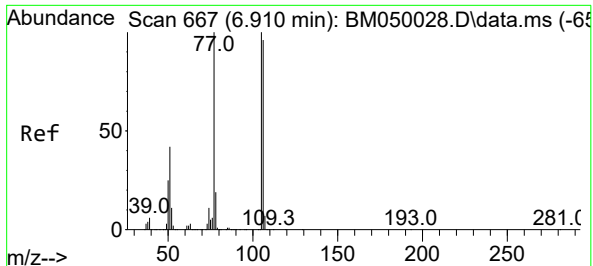
Tgt Ion: 99 Resp: 2378415
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 42.599 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:128 Resp: 710289
Ion Ratio Lower Upper
128 100
130 31.6 12.8 52.8
64 42.1 21.2 61.2

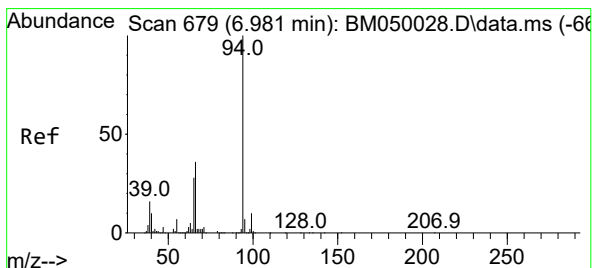
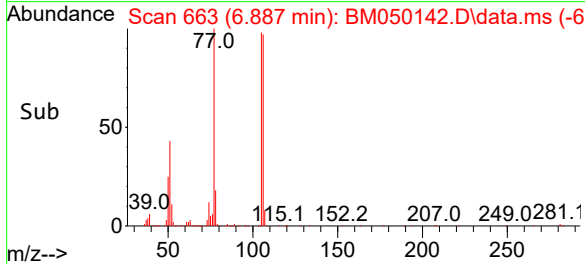
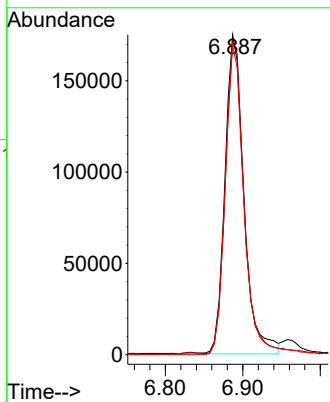
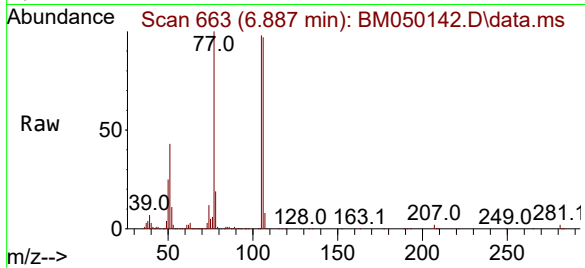




#9
Benzaldehyde
Concen: 22.950 ng
RT: 6.887 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

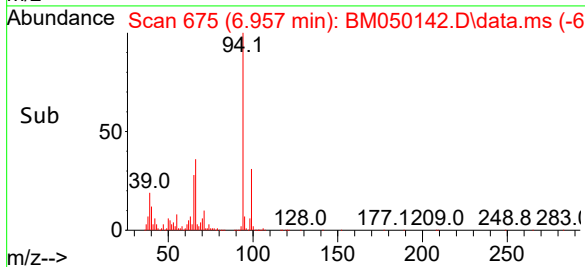
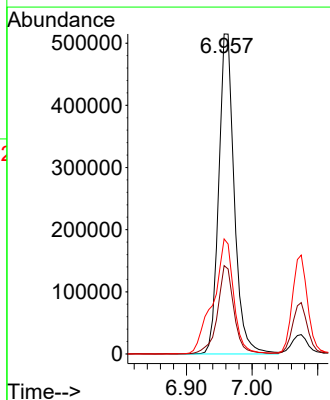
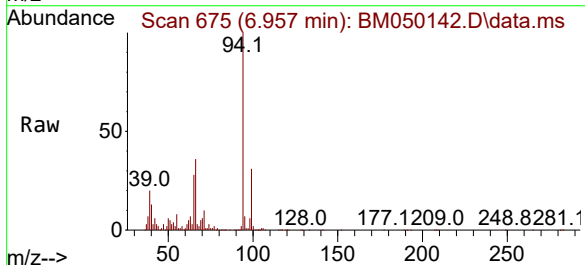
Instrument :
BNA_M
ClientSampleId :
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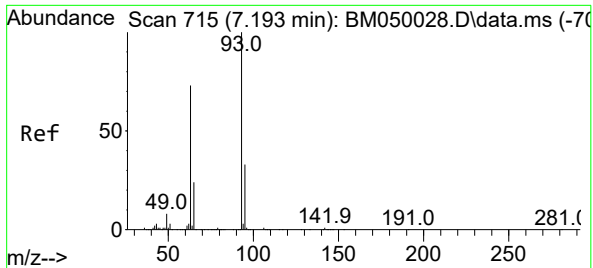
Tgt Ion: 77 Resp: 297678
Ion Ratio Lower Upper
77 100
105 98.0 80.5 120.5
106 96.7 76.1 116.1



#10
Phenol
Concen: 42.933 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 94 Resp: 842425
Ion Ratio Lower Upper
94 100
65 27.6 7.6 47.6
66 36.0 15.8 55.8

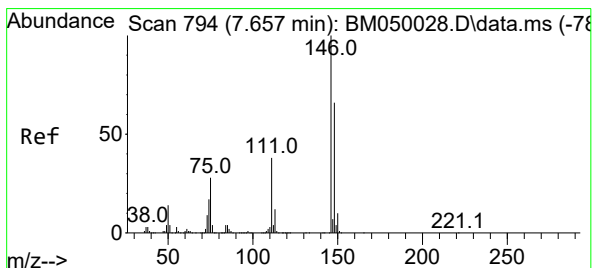
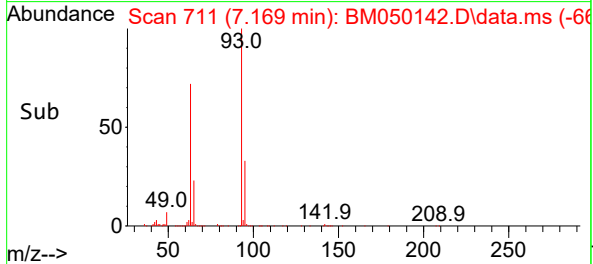
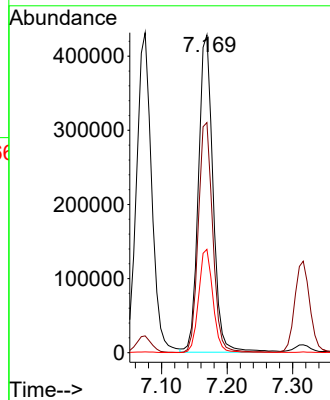
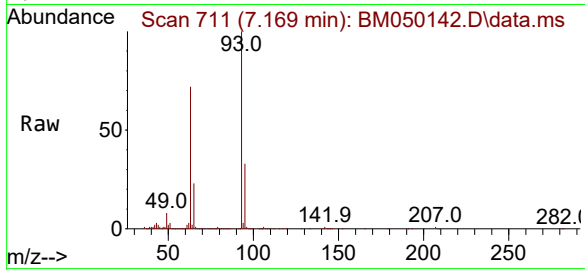




#11
bis(2-chloroethyl)ether
Concen: 40.537 ng
RT: 7.169 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

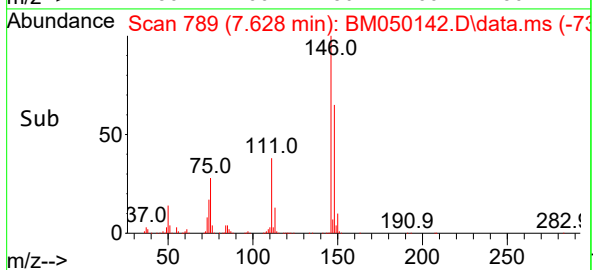
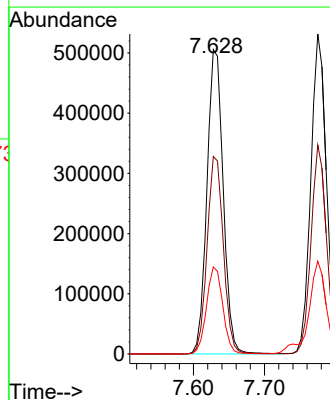
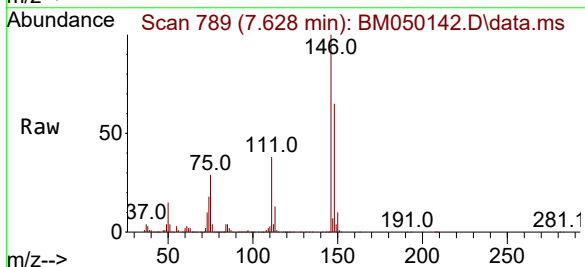
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BNA_M
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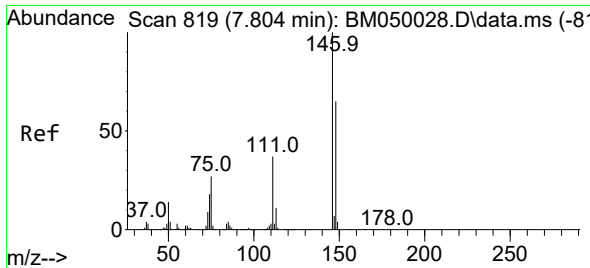
Tgt Ion: 93 Resp: 664180
Ion Ratio Lower Upper
93 100
63 72.4 52.3 92.3
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.992 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 146 Resp: 805508
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 28.6 22.6 34.0

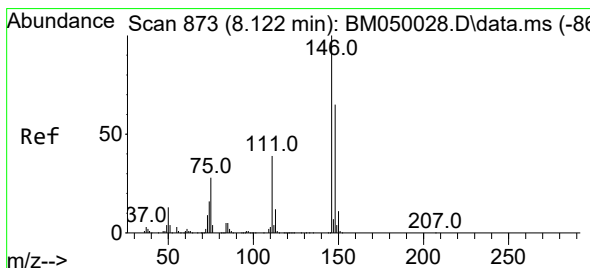
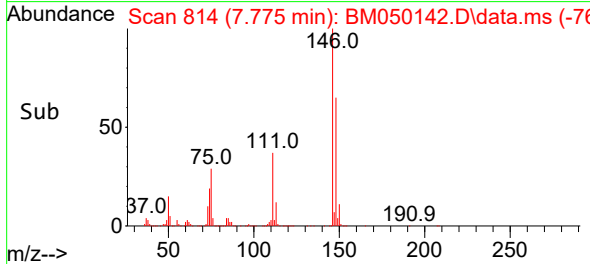
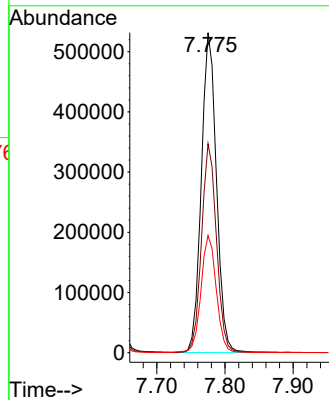
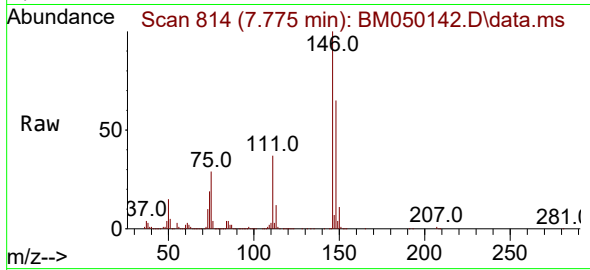




#13
1,4-Dichlorobenzene
Concen: 40.408 ng
RT: 7.775 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

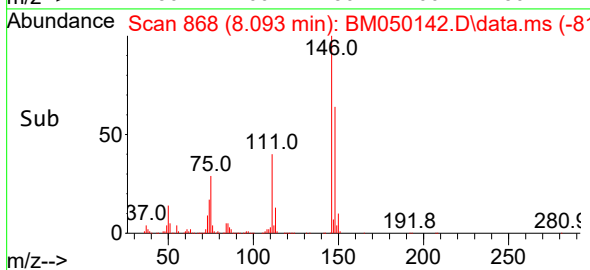
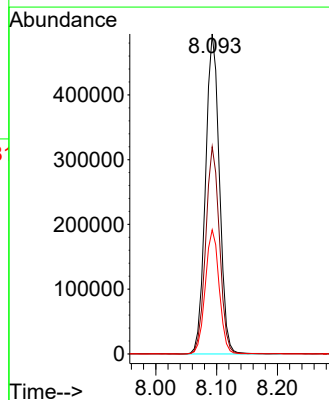
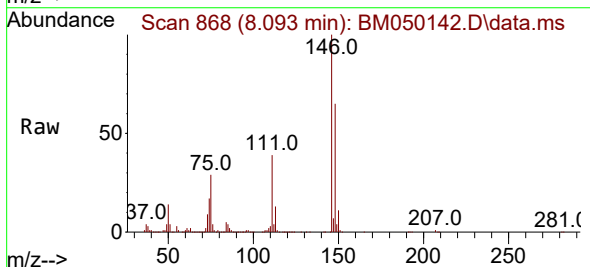
Instrument :
BNA_M
ClientSampleId :
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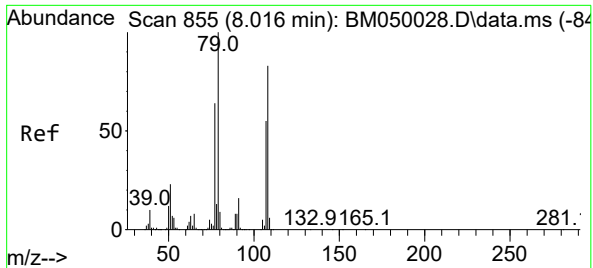
Tgt Ion:146 Resp: 817636
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
111 36.6 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 40.180 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:146 Resp: 785343
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 41.749 ng

RT: 7.993 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

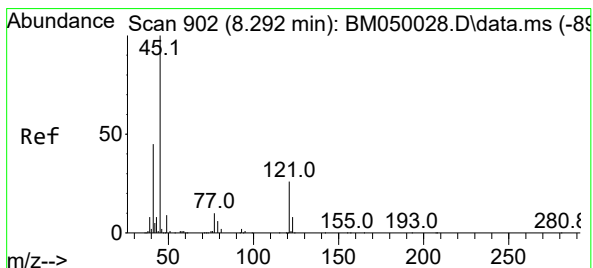
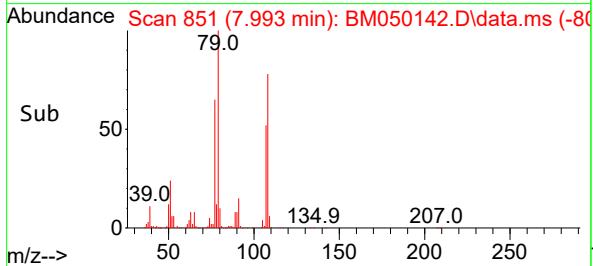
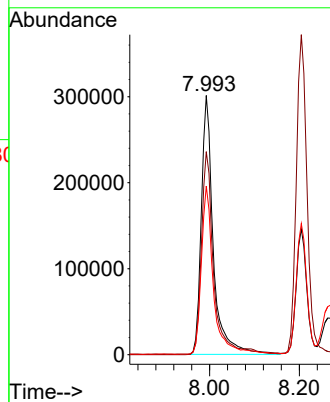
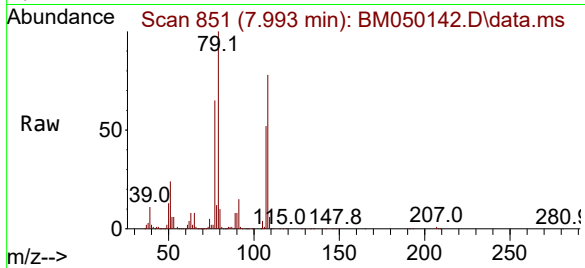
BNA_M

ClientSampleId :

PB167889BS

Tgt Ion: 79 Resp: 561188

Ion	Ratio	Lower	Upper
79	100		
108	78.3	66.0	99.0
77	65.1	51.6	77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.942 ng

RT: 8.269 min Scan# 898

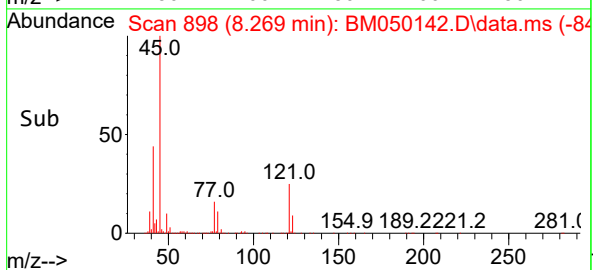
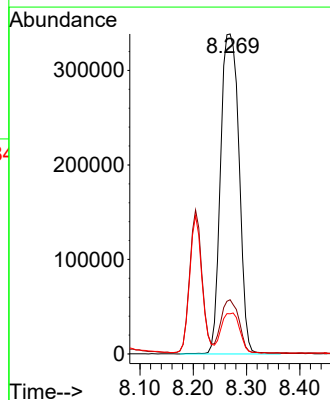
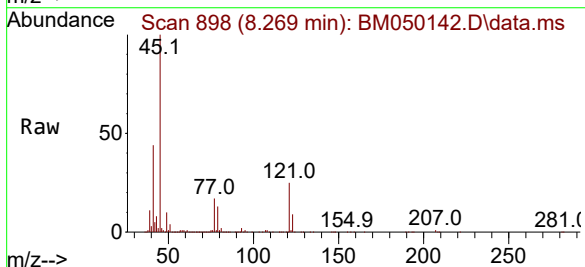
Delta R.T. 0.006 min

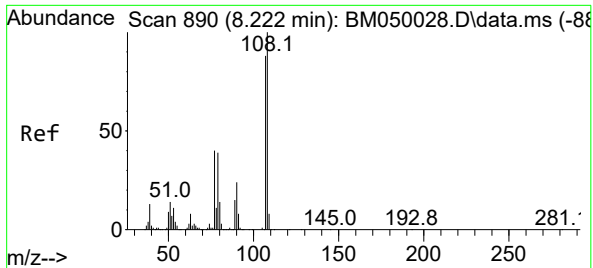
Lab File: BM050142.D

Acq: 08 May 2025 12:00

Tgt Ion: 45 Resp: 815438

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.4
79	12.5	0.0	32.7





#17

2-Methylphenol

Concen: 41.717 ng

RT: 8.204 min Scan# 887

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

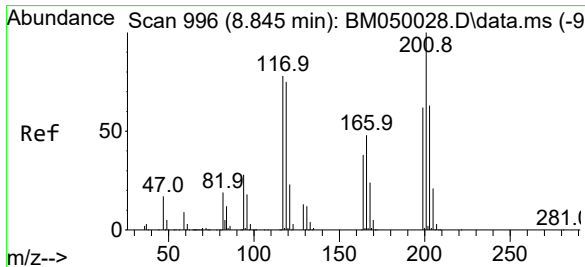
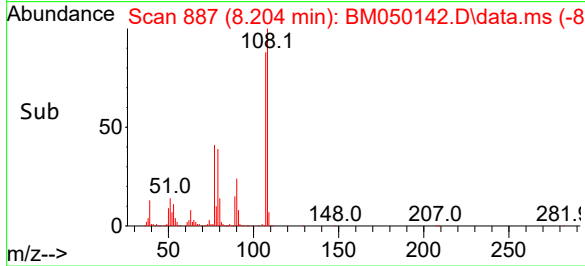
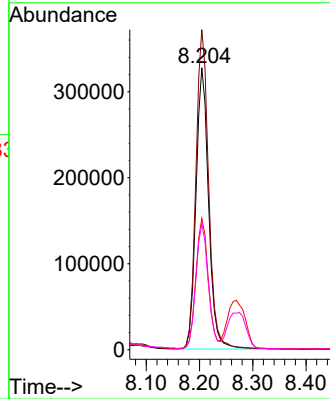
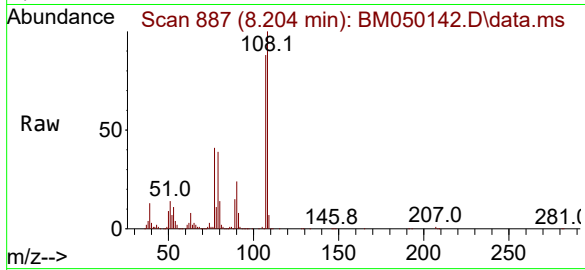
BNA_M

ClientSampleId :

PB167889BS

Tgt Ion:107 Resp: 539244

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	46.5	36.2	54.4
79	44.6	35.8	53.8



#18

Hexachloroethane

Concen: 40.192 ng

RT: 8.816 min Scan# 991

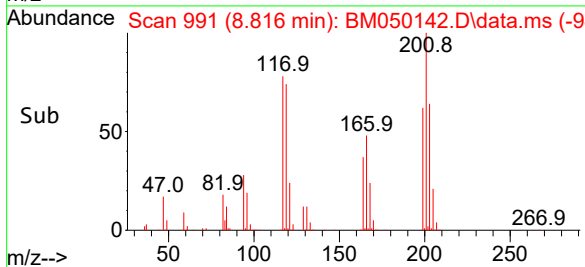
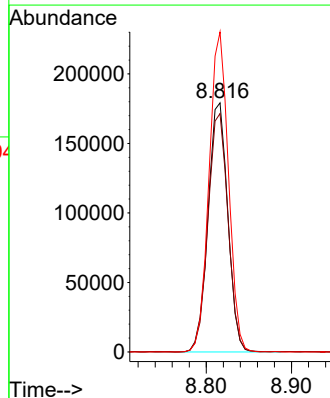
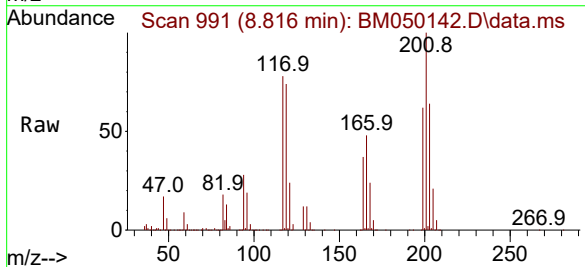
Delta R.T. 0.000 min

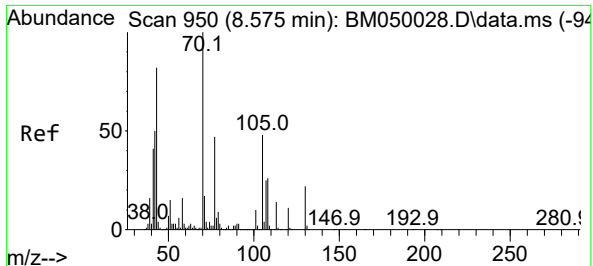
Lab File: BM050142.D

Acq: 08 May 2025 12:00

Tgt Ion:117 Resp: 289103

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
201	128.4	102.8	154.2

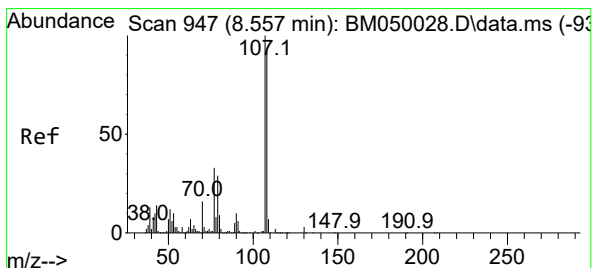
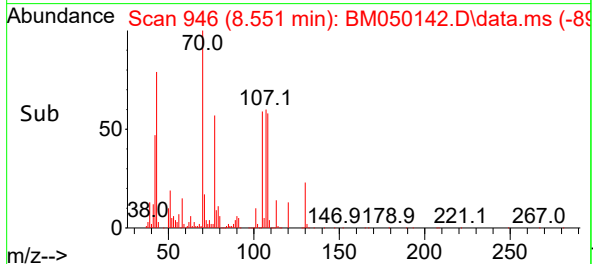
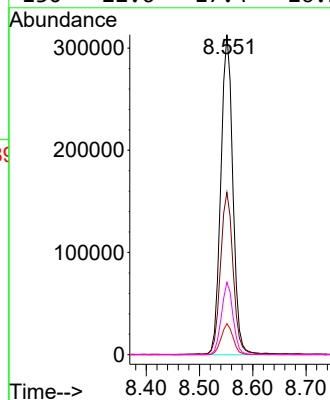
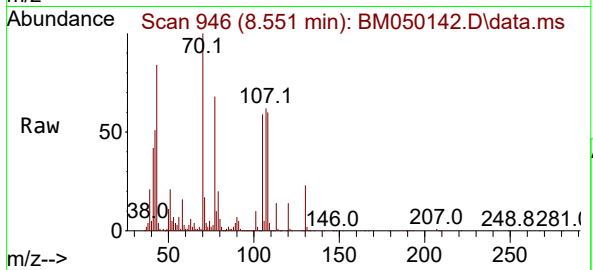




#19
n-Nitroso-di-n-propylamine
Concen: 39.608 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

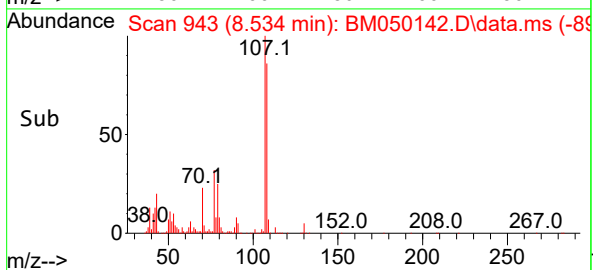
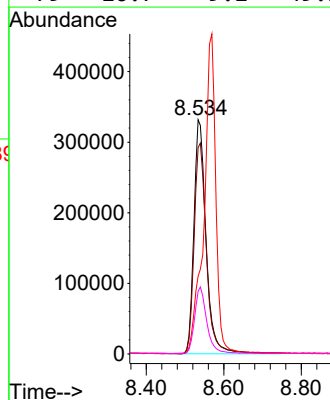
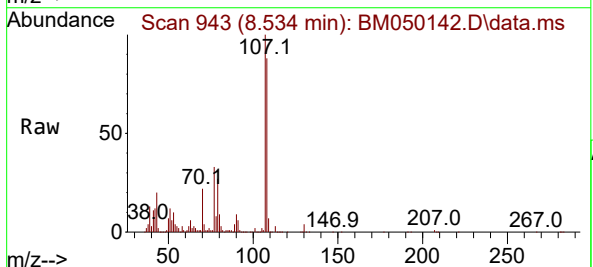
Instrument :
BNA_M
ClientSampleId :
PB167889BS

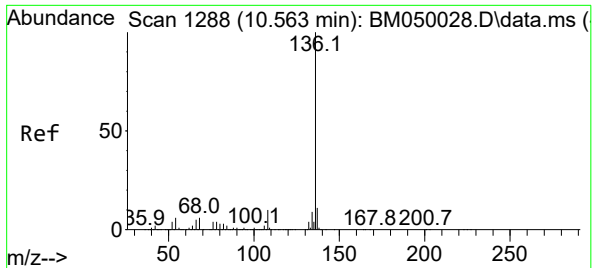
Tgt Ion: 70 Resp: 492380
Ion Ratio Lower Upper
70 100
42 50.7 40.5 60.7
101 9.7 7.8 11.6
130 22.6 17.4 26.2



#20
3+4-Methylphenols
Concen: 41.511 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 107 Resp: 724638
Ion Ratio Lower Upper
107 100
108 88.1 72.4 112.4
77 33.2 13.6 53.6
79 26.7 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

Tgt Ion:136 Resp: 938494

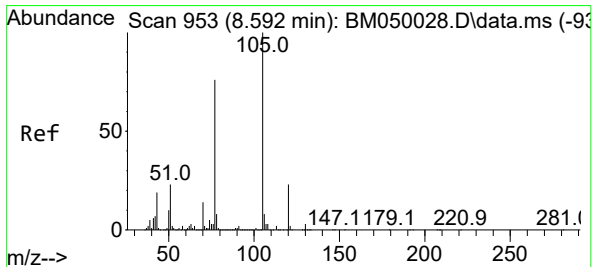
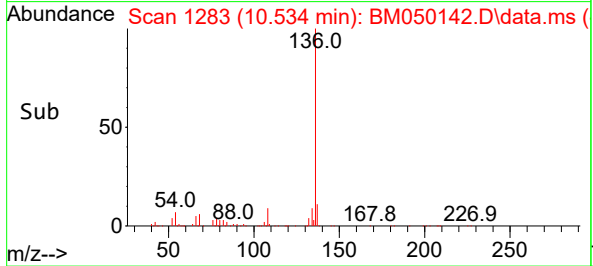
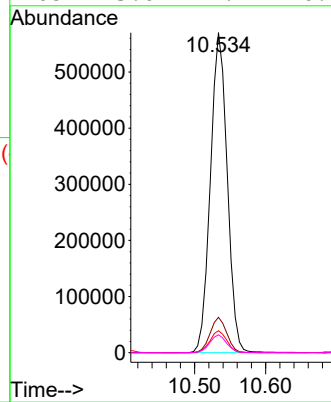
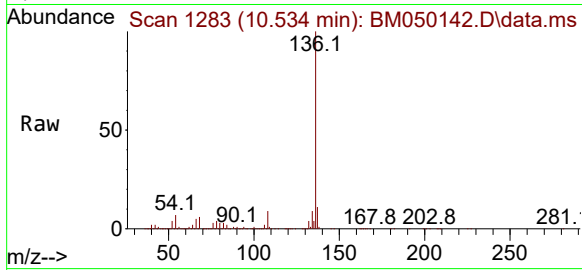
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 41.478 ng

RT: 8.569 min Scan# 949

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Tgt Ion:105 Resp: 967776

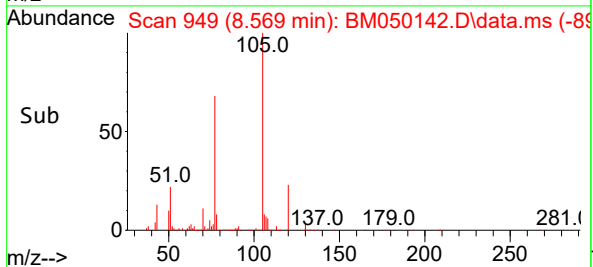
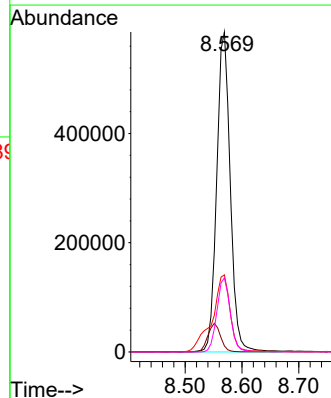
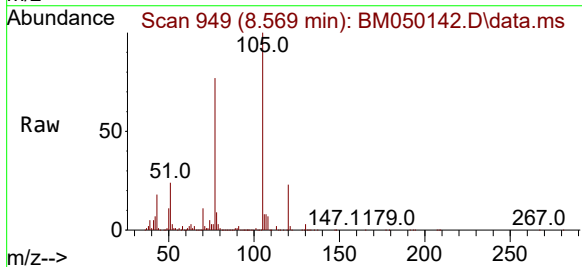
Ion Ratio Lower Upper

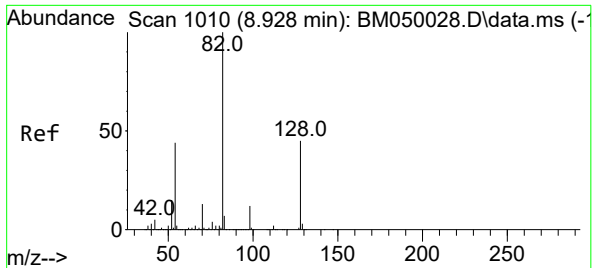
105 100

71 1.9 1.7 2.5

51 24.1 18.6 27.8

120 23.2 18.3 27.5

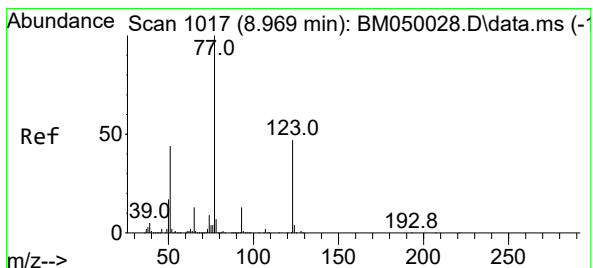
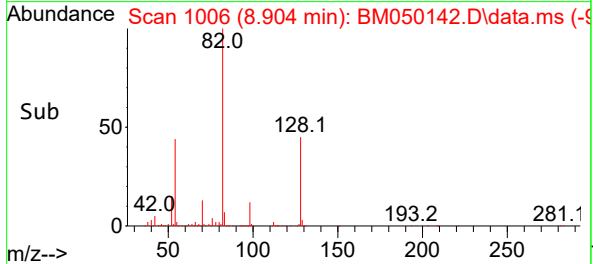
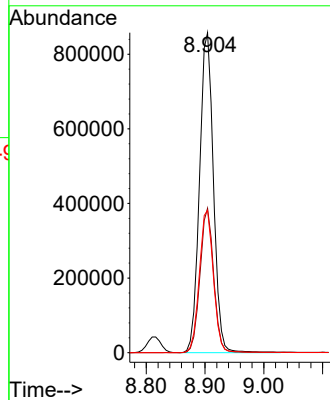
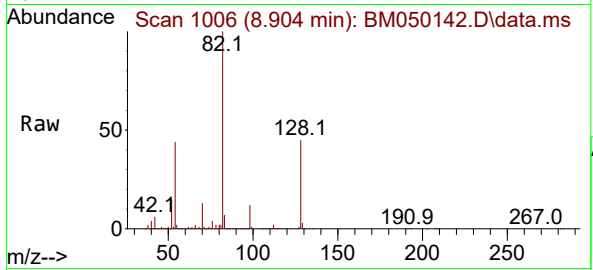




#23
Nitrobenzene-d5
Concen: 73.978 ng
RT: 8.904 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

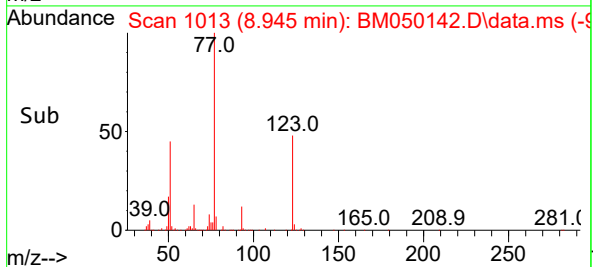
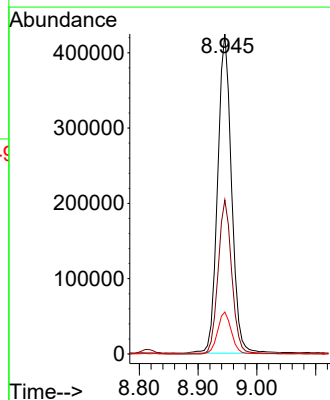
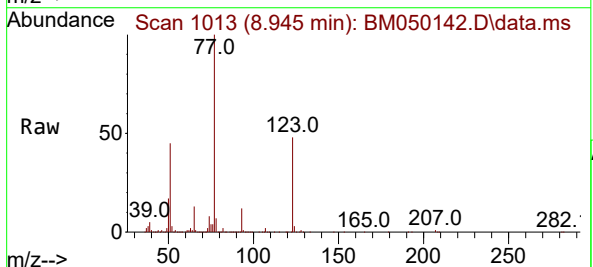
Instrument :
BNA_M
ClientSampleId :
PB167889BS

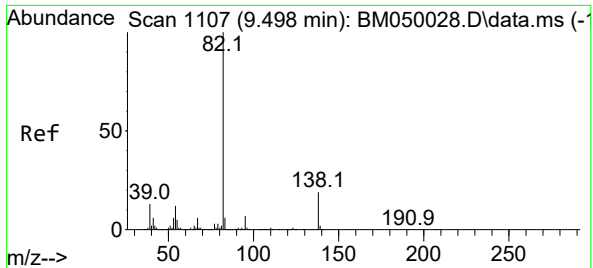
Tgt Ion: 82 Resp: 1408955
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 44.5 35.4 53.2



#24
Nitrobenzene
Concen: 42.273 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 77 Resp: 696141
Ion Ratio Lower Upper
77 100
123 48.2 37.9 56.9
65 13.1 10.1 15.1

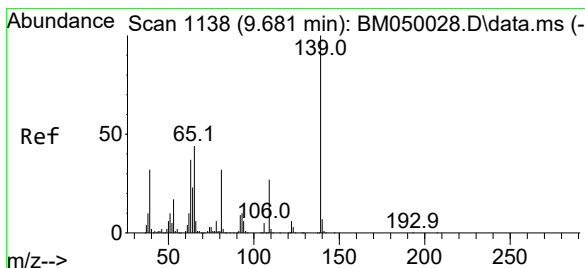
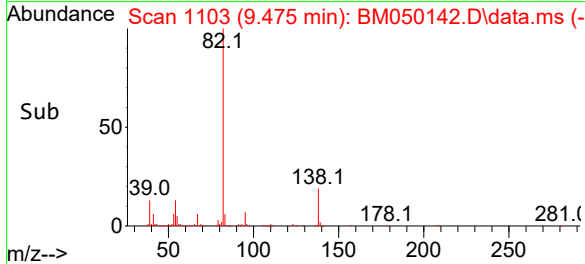
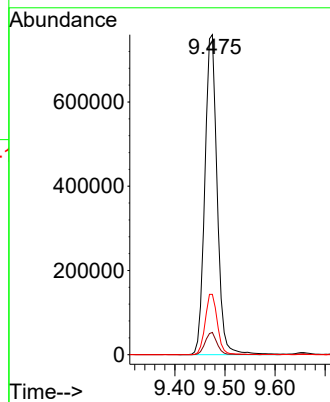
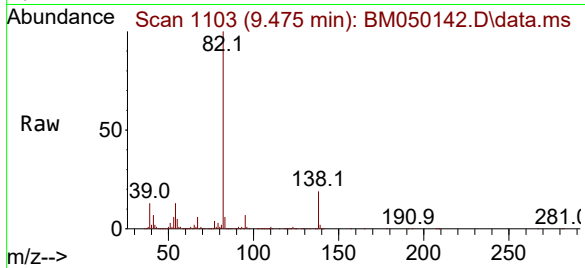




#25
Isophorone
Concen: 39.903 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

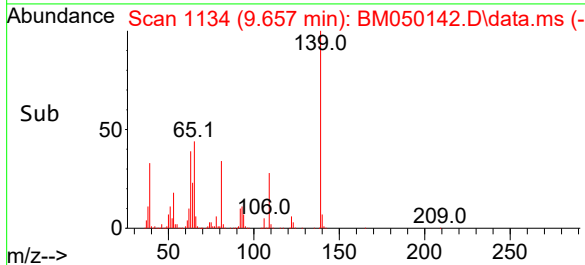
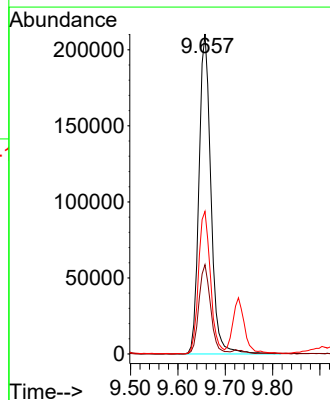
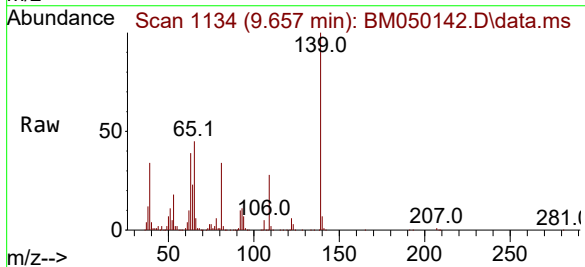
Instrument :
BNA_M
ClientSampleId :
PB167889BS

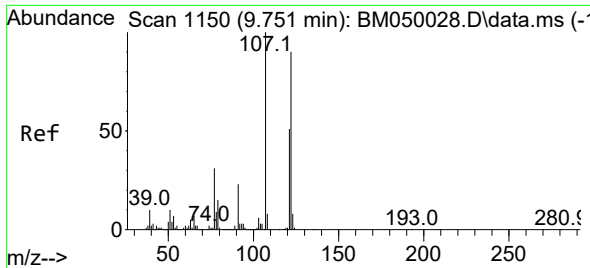
Tgt Ion: 82 Resp: 1295435
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.9 15.5 23.3



#26
2-Nitrophenol
Concen: 43.844 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 139 Resp: 368859
Ion Ratio Lower Upper
139 100
109 27.9 21.9 32.9
65 44.6 35.4 53.2

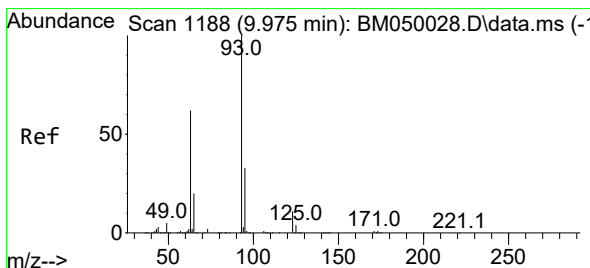
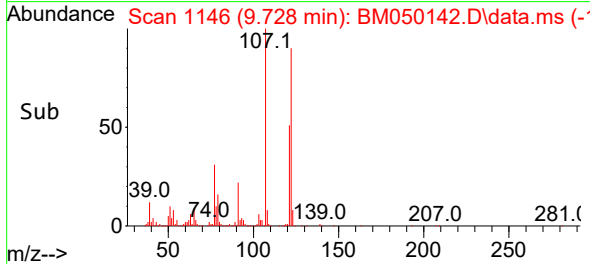
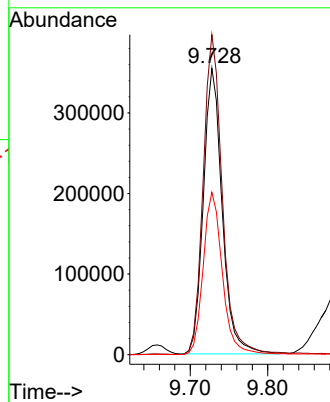
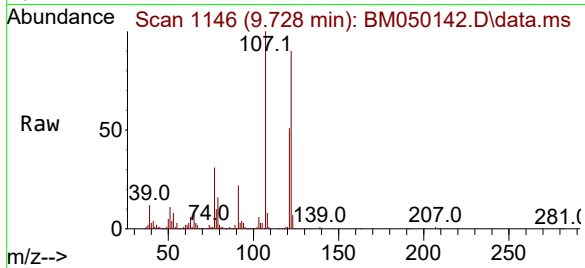




#27
2,4-Dimethylphenol
Concen: 42.880 ng
RT: 9.728 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

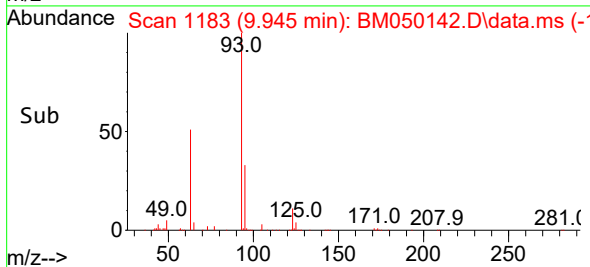
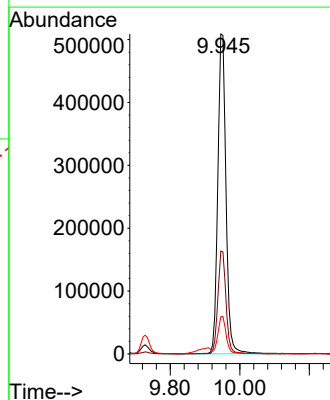
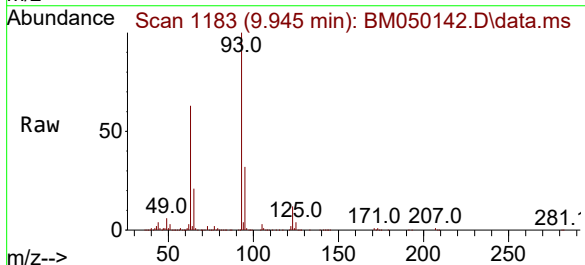
Instrument :
BNA_M
ClientSampleId :
PB167889BS

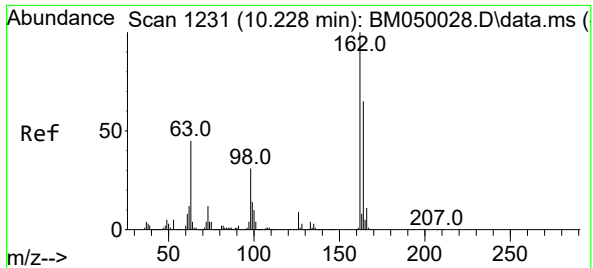
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.0	133.6
121	56.7	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.256 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	11.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 43.040 ng

RT: 10.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

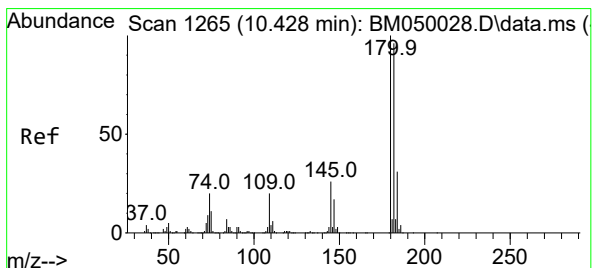
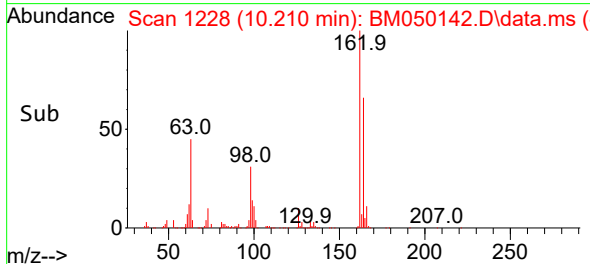
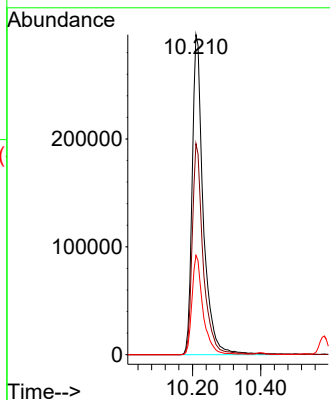
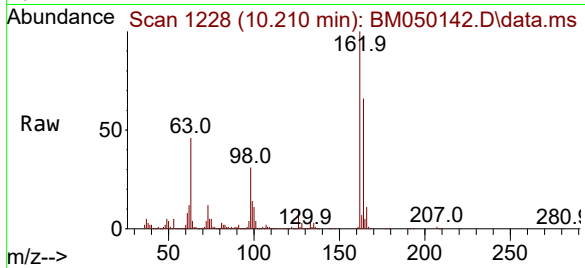
Tgt Ion:162 Resp: 672716

Ion Ratio Lower Upper

162 100

164 65.9 45.4 85.4

98 31.0 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 41.121 ng

RT: 10.398 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

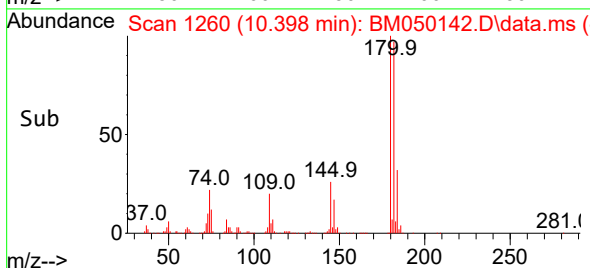
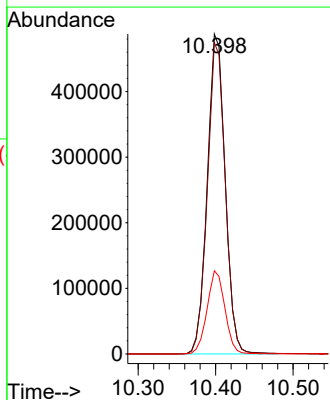
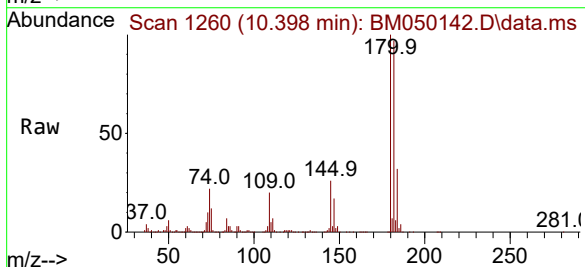
Tgt Ion:180 Resp: 783066

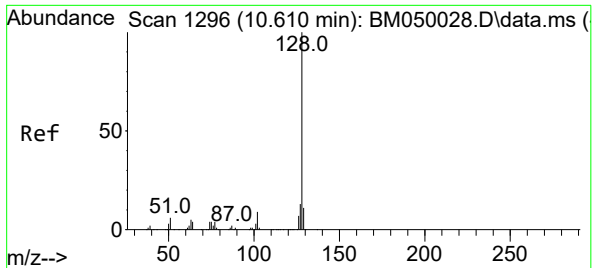
Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 26.0 20.6 30.8

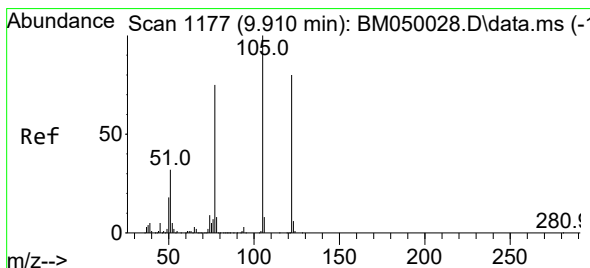
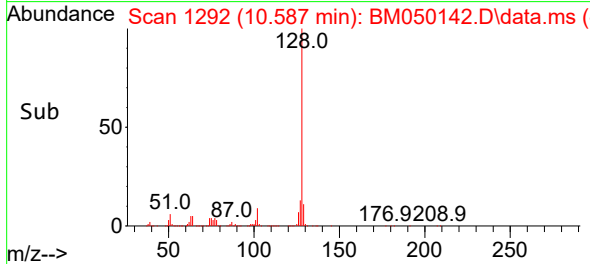
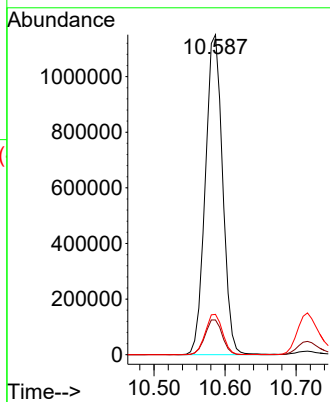
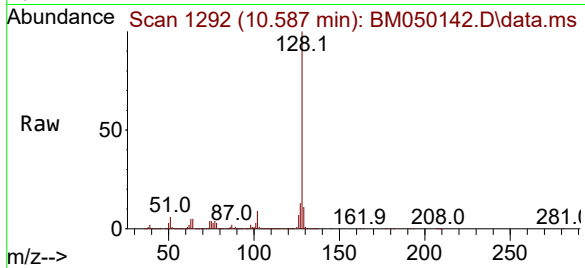




#31
Naphthalene
Concen: 40.920 ng
RT: 10.587 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

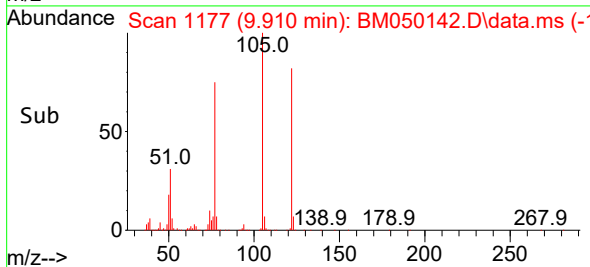
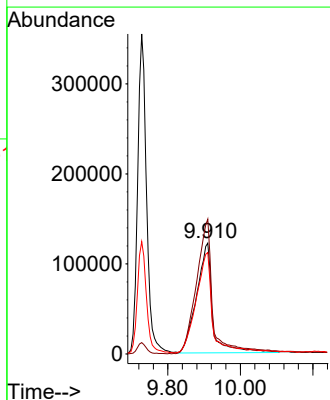
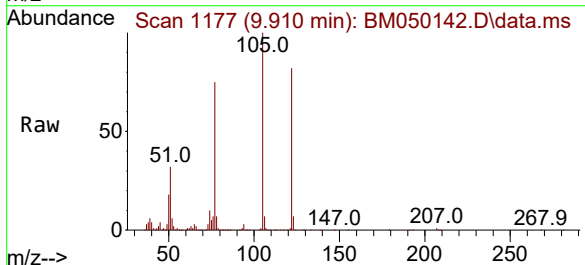
Instrument :
BNA_M
ClientSampleId :
PB167889BS

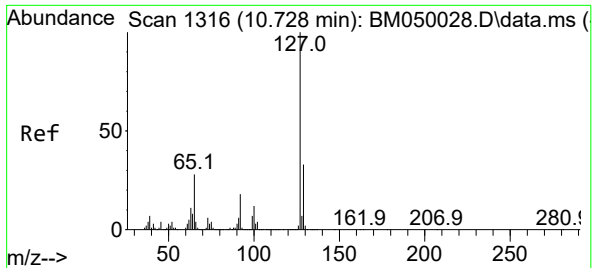
Tgt Ion:128 Resp: 1944854
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 41.908 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:122 Resp: 373948
Ion Ratio Lower Upper
122 100
105 121.7 103.6 143.6
77 91.4 73.7 113.7

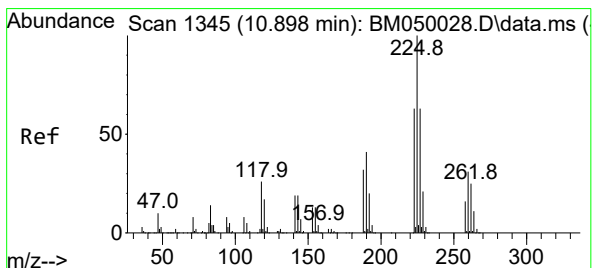
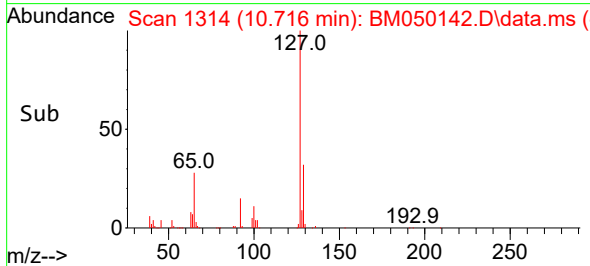
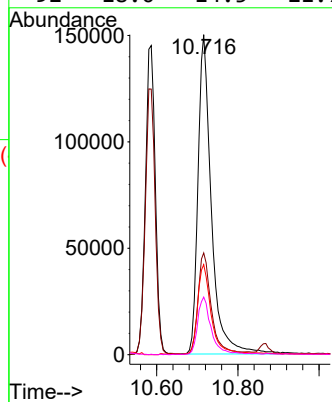
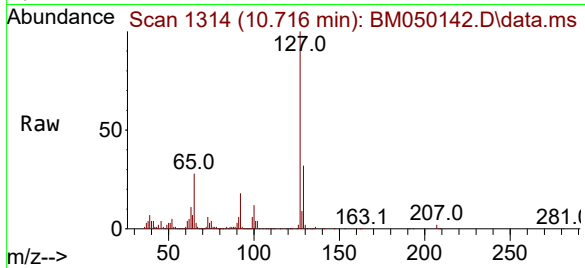




#33
4-Chloroaniline
Concen: 17.737 ng
RT: 10.716 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

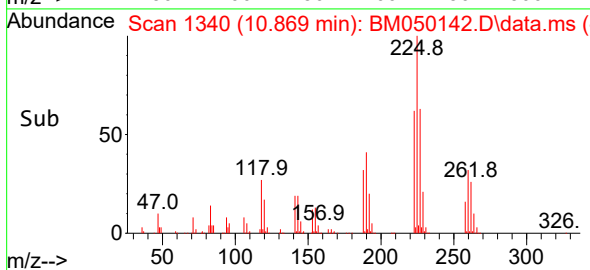
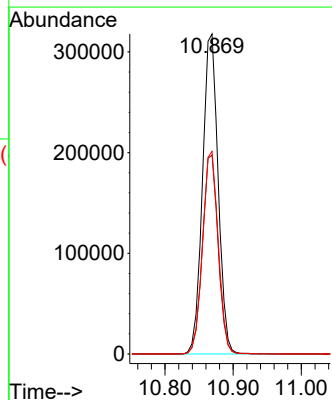
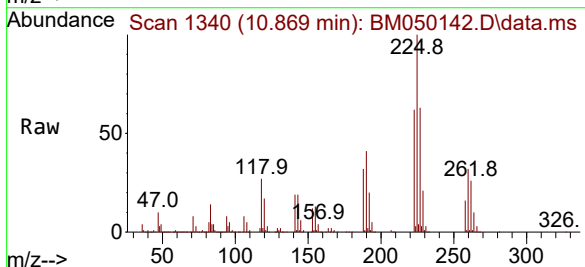
Instrument :
BNA_M
ClientSampleId :
PB167889BS

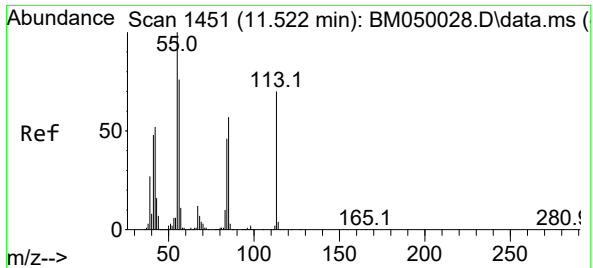
Tgt Ion:	127	Resp:	345539
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.1	22.5	33.7
92	18.0	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.872 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:	225	Resp:	506147
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.3	50.6	76.0





#35

Caprolactam

Concen: 37.395 ng

RT: 11.510 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

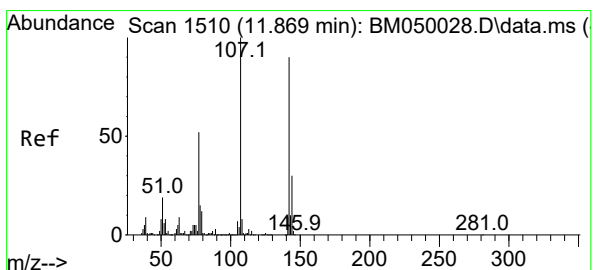
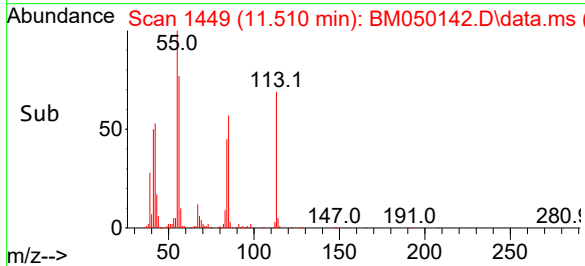
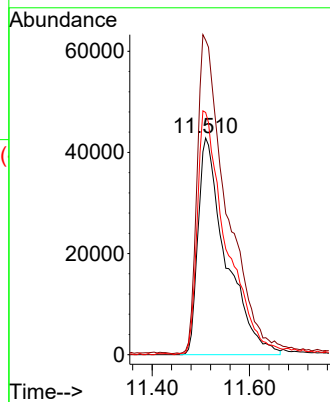
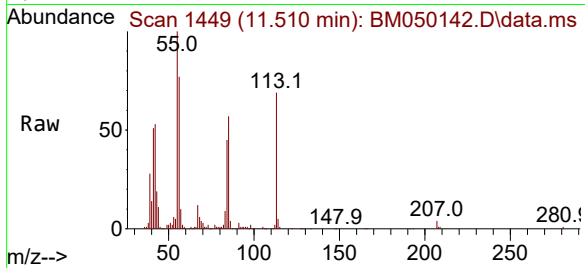
Tgt Ion:113 Resp: 170422

Ion Ratio Lower Upper

113 100

55 145.2 122.9 162.9

56 111.8 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 40.784 ng

RT: 11.851 min Scan# 1507

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

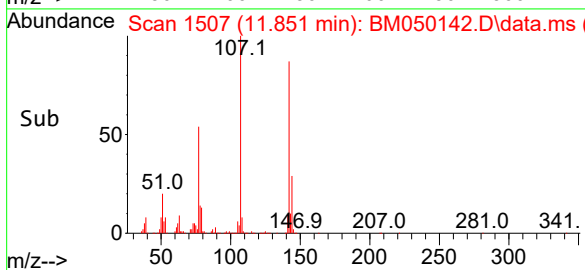
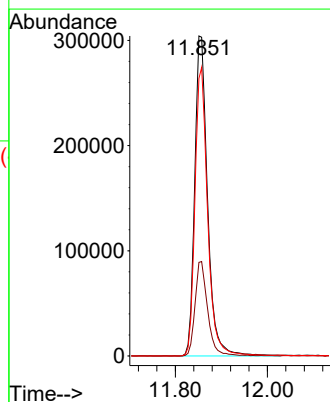
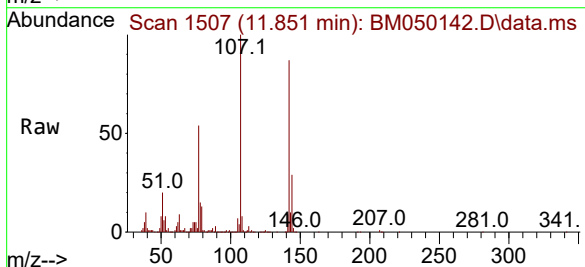
Tgt Ion:107 Resp: 588941

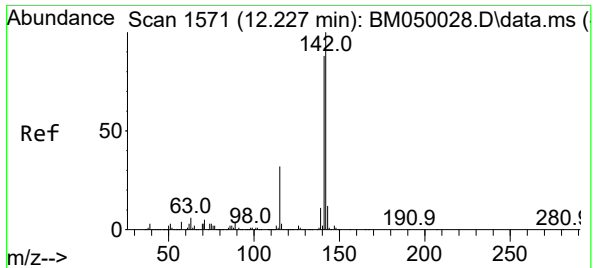
Ion Ratio Lower Upper

107 100

144 29.3 23.8 35.6

142 86.7 71.9 107.9

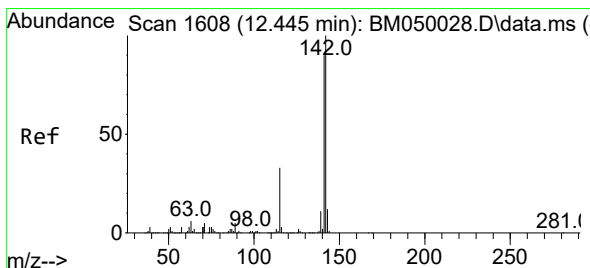
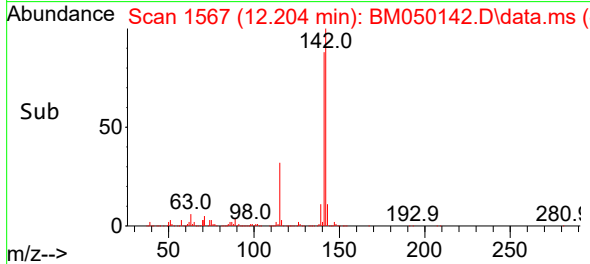
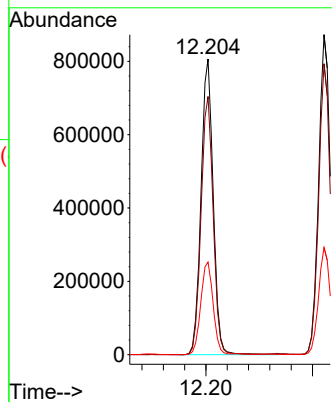
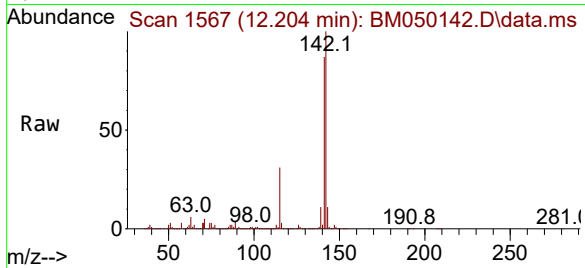




#37
2-Methylnaphthalene
Concen: 39.930 ng
RT: 12.204 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

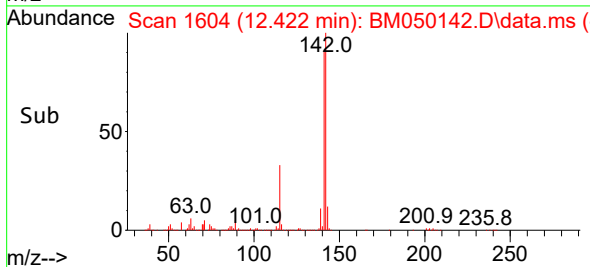
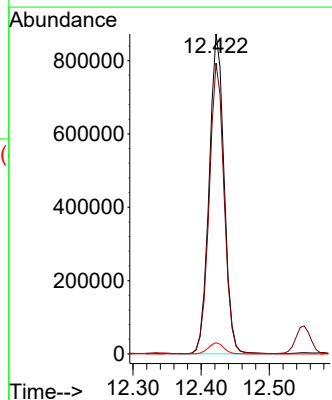
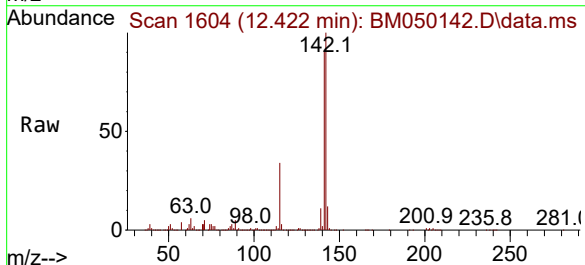
Instrument :
BNA_M
ClientSampleId :
PB167889BS

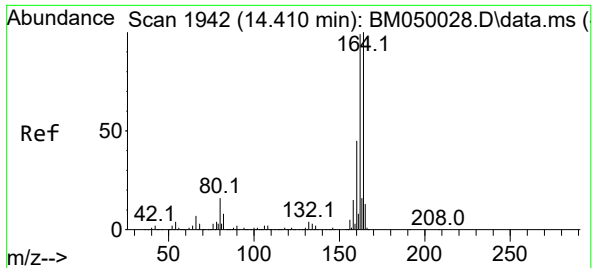
Tgt Ion:142 Resp: 1272363
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.3 25.4 38.2



#38
1-Methylnaphthalene
Concen: 39.460 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:142 Resp: 1330659
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.5 2.7 4.1

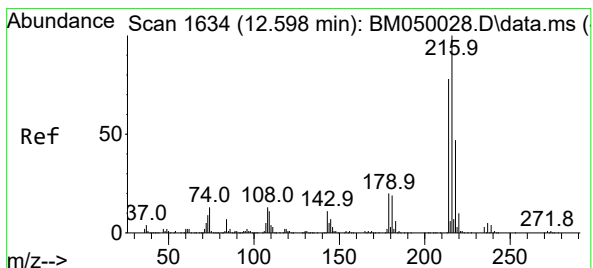
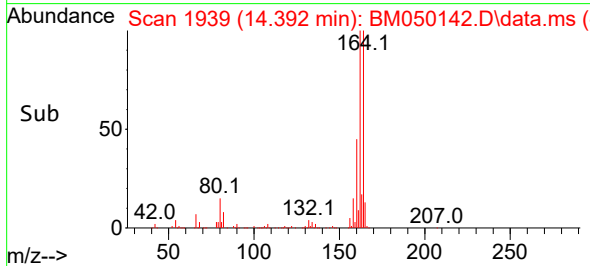
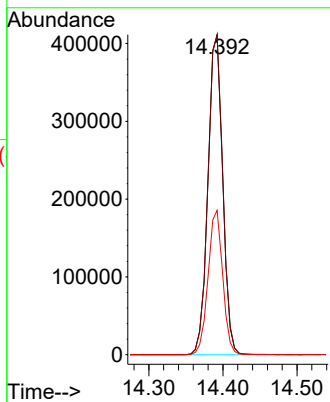
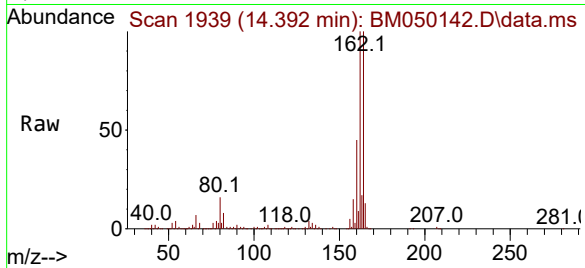




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

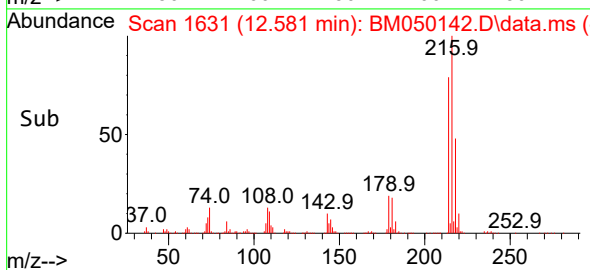
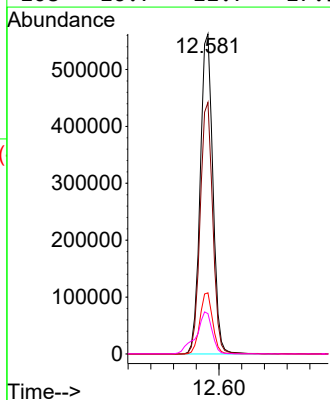
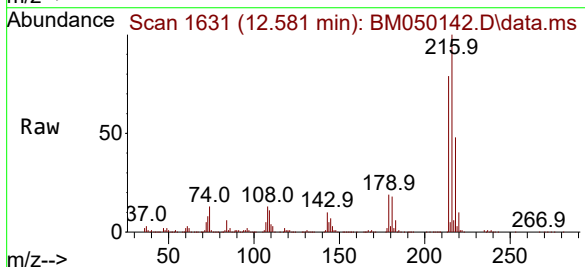
Instrument :
BNA_M
ClientSampleId :
PB167889BS

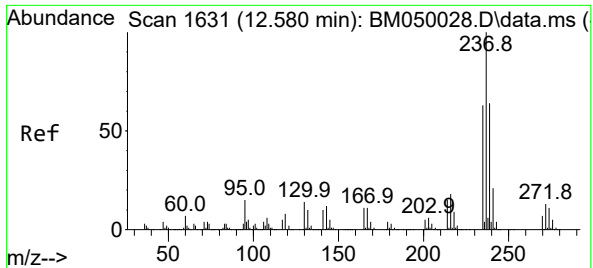
Tgt Ion:164 Resp: 568093
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 45.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.227 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

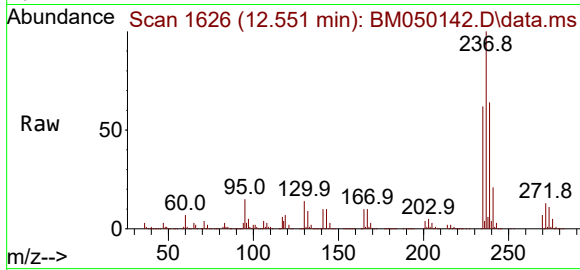
Tgt Ion:216 Resp: 869756
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 19.4 15.4 23.0
108 16.7 11.7 17.5



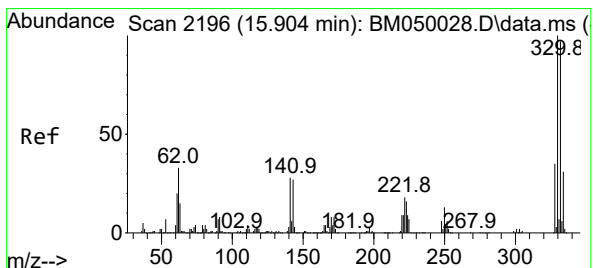
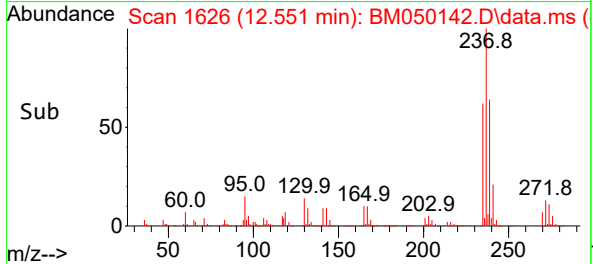
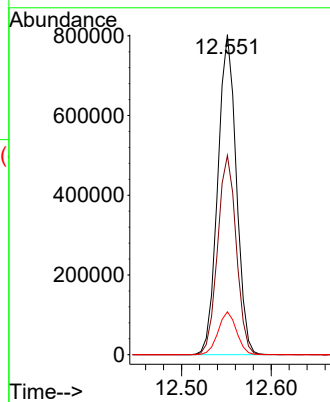


#41
Hexachlorocyclopentadiene
Concen: 95.780 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

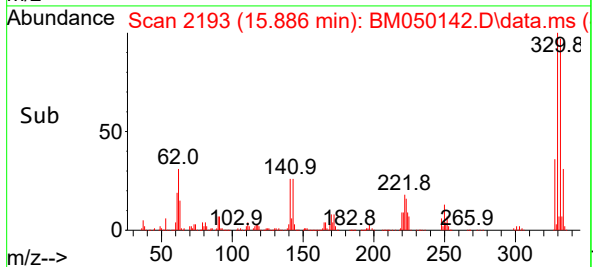
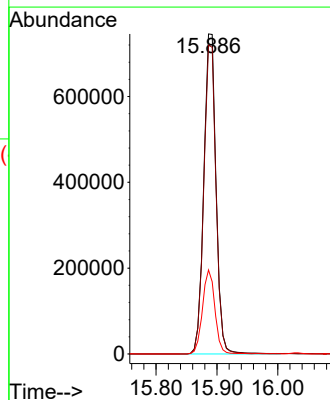
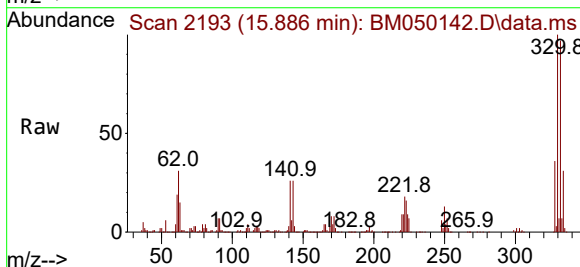


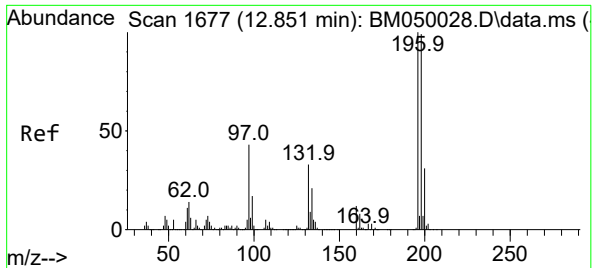
Tgt Ion:237 Resp: 1151100
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 124.237 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:330 Resp: 1043589
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 26.6 22.5 33.7

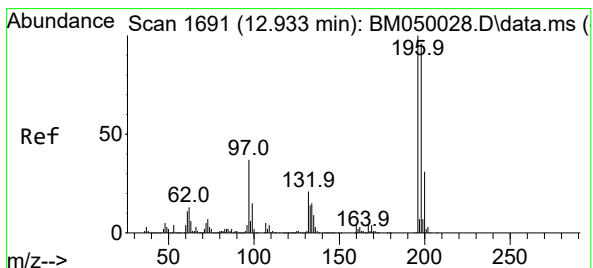
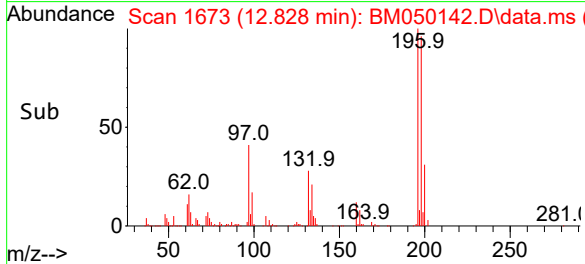
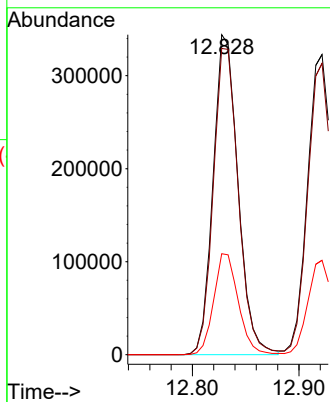
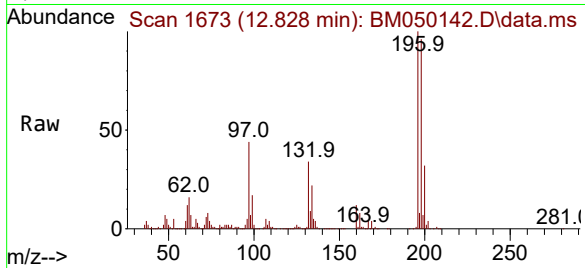




#43
2,4,6-Trichlorophenol
Concen: 44.808 ng
RT: 12.828 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

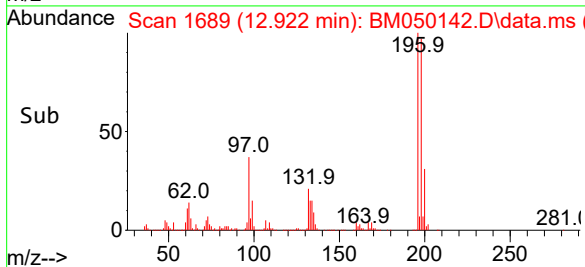
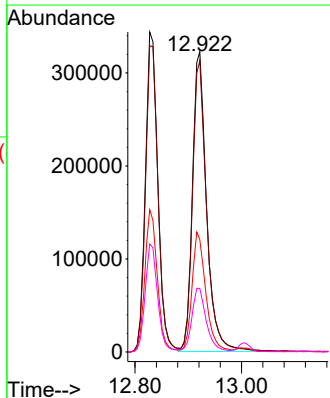
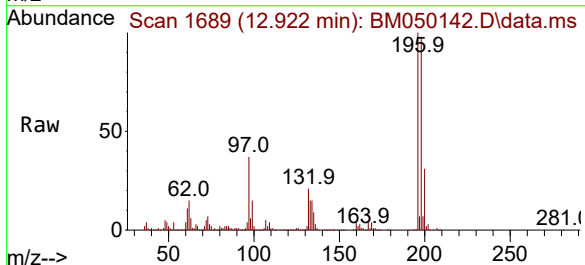
Instrument :
BNA_M
ClientSampleId :
PB167889BS

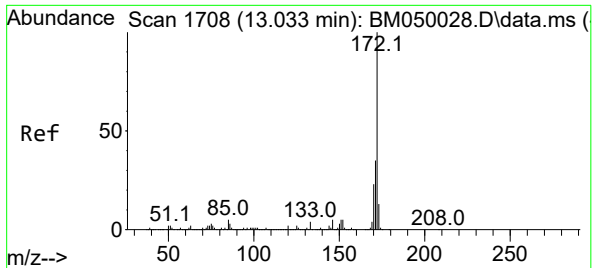
Tgt Ion:196 Resp: 558909
Ion Ratio Lower Upper
196 100
198 95.7 79.0 118.6
200 31.5 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.267 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:196 Resp: 595418
Ion Ratio Lower Upper
196 100
198 97.0 76.7 115.1
97 37.4 30.1 45.1
132 21.2 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 76.087 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

Instrument :

BNA_M

ClientSampleId :

PB167889BS

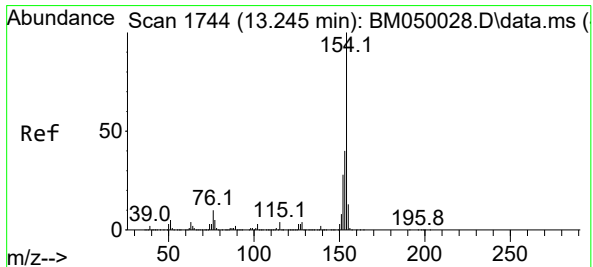
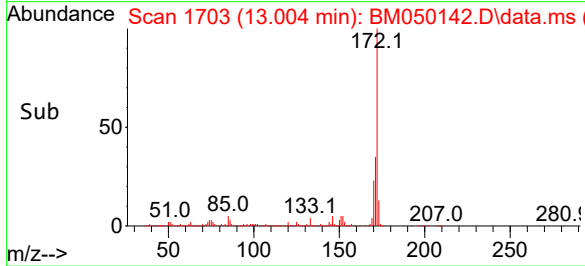
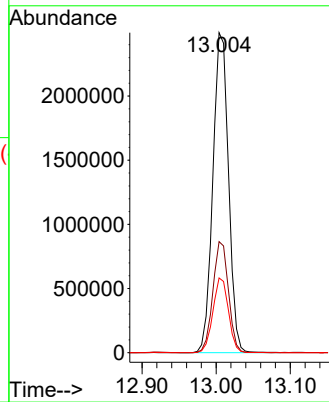
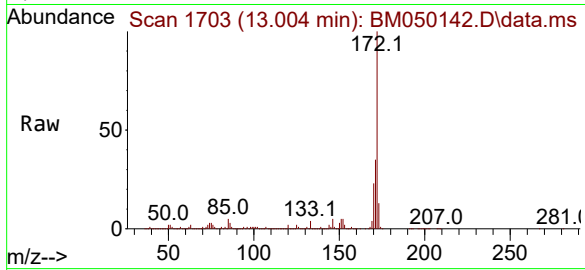
Tgt Ion:172 Resp: 3653835

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 43.196 ng

RT: 13.222 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BM050142.D

Acq: 08 May 2025 12:00

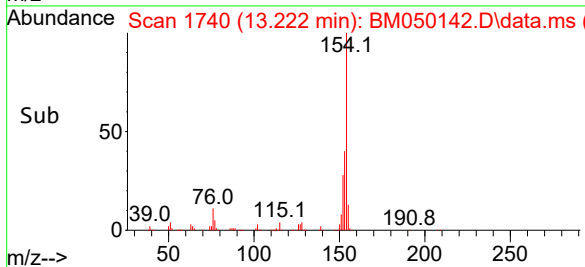
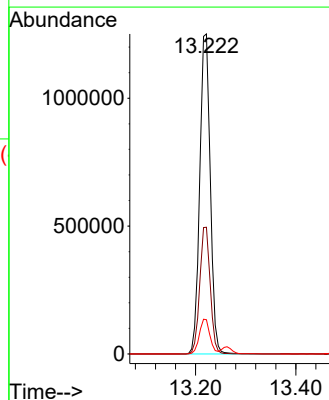
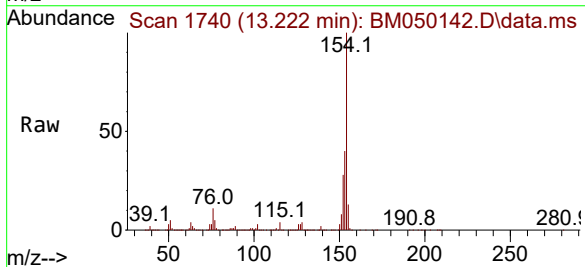
Tgt Ion:154 Resp: 1824120

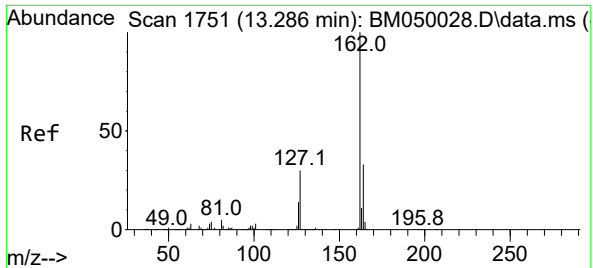
Ion Ratio Lower Upper

154 100

153 39.6 20.0 60.0

76 10.7 0.0 30.3

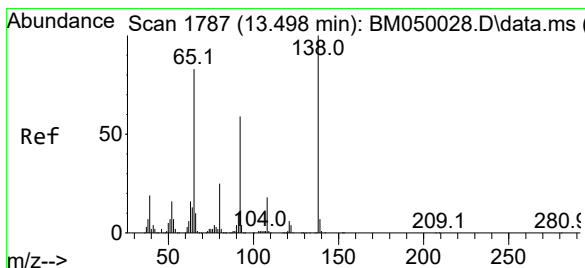
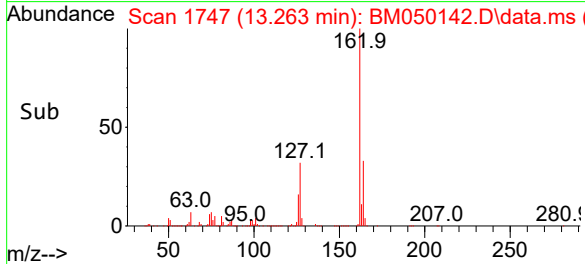
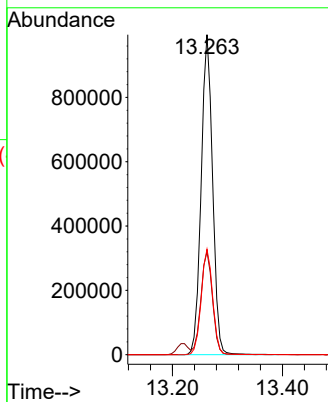
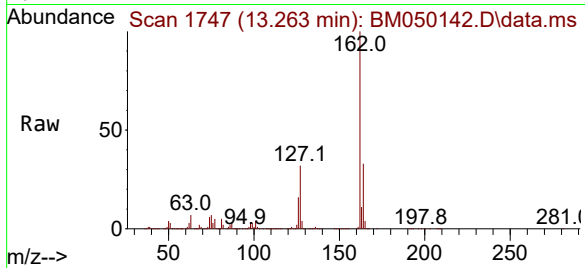




#47
2-Chloronaphthalene
Concen: 42.925 ng
RT: 13.263 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

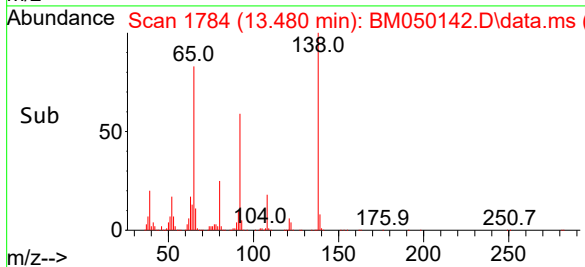
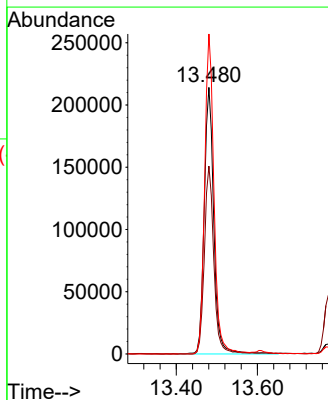
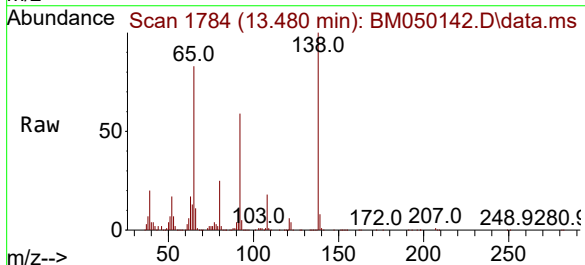
Instrument :
BNA_M
ClientSampleId :
PB167889BS

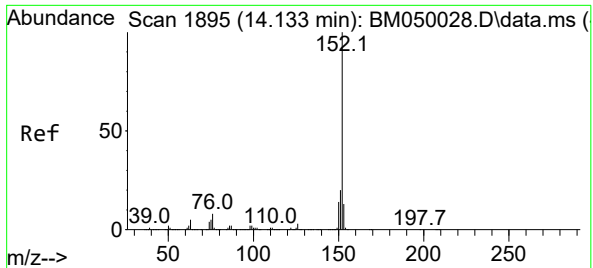
Tgt Ion:162 Resp: 1435664
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 44.692 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 65 Resp: 350822
Ion Ratio Lower Upper
65 100
92 70.5 57.1 85.7
138 120.0 97.0 145.4

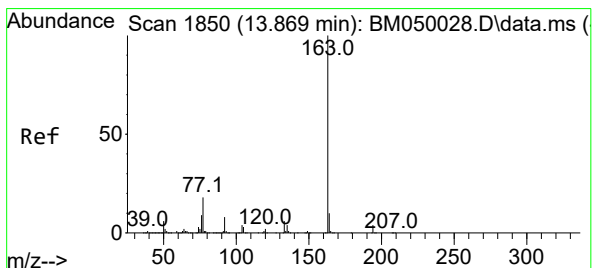
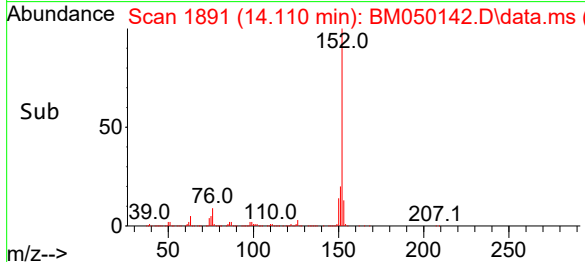
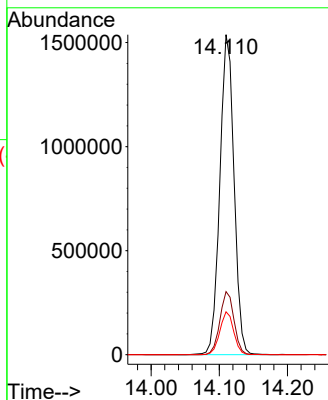
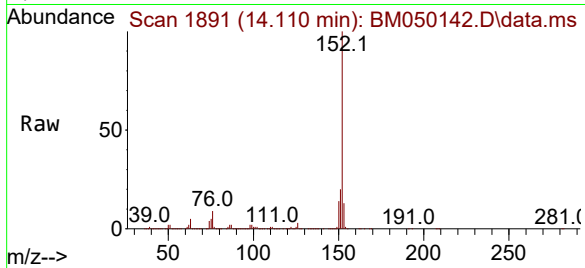




#49
Acenaphthylene
Concen: 42.274 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

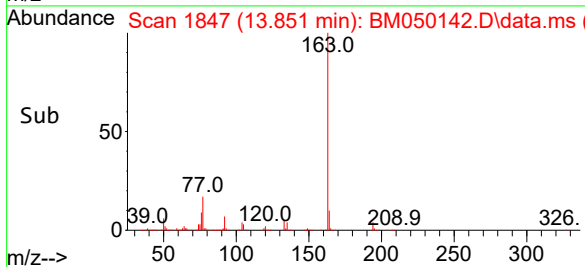
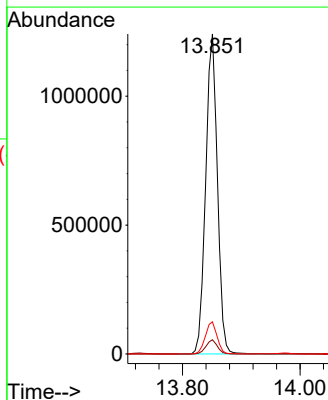
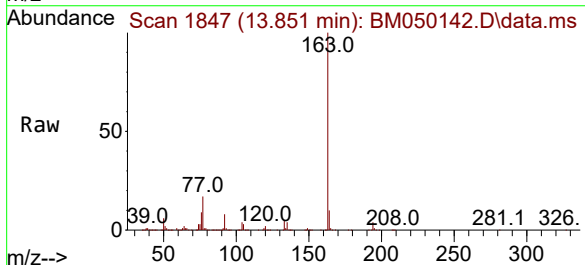
Instrument :
BNA_M
ClientSampleId :
PB167889BS

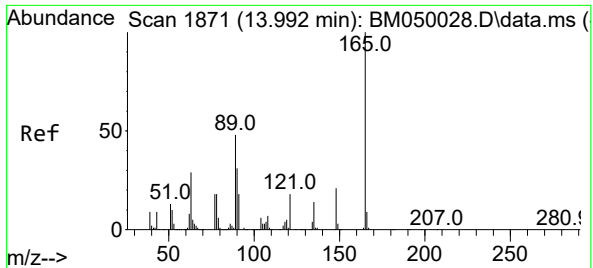
Tgt Ion:152 Resp: 2229269
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 41.219 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:163 Resp: 1711305
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.2 12.2

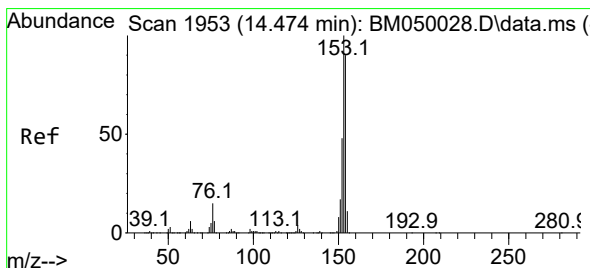
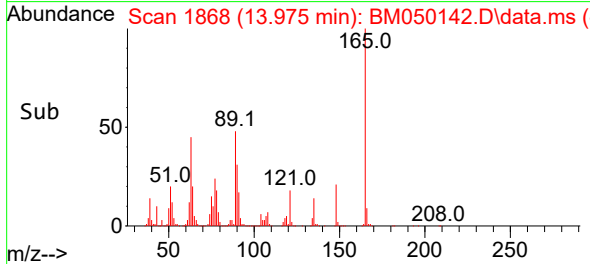
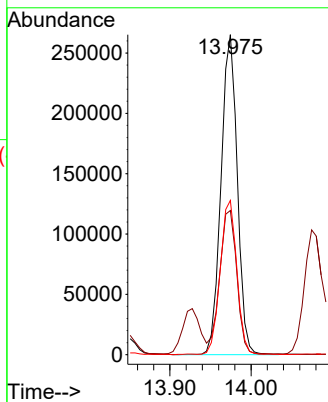
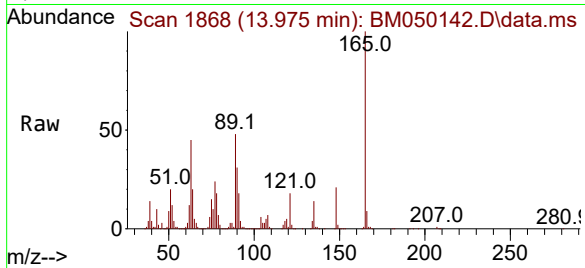




#51
2,6-Dinitrotoluene
Concen: 43.131 ng
RT: 13.975 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

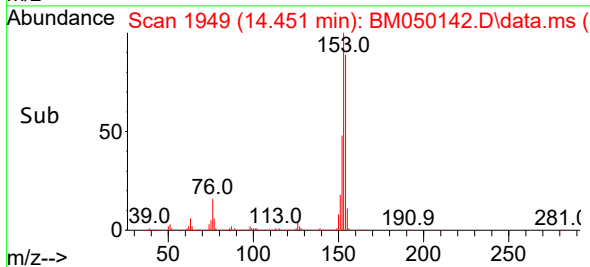
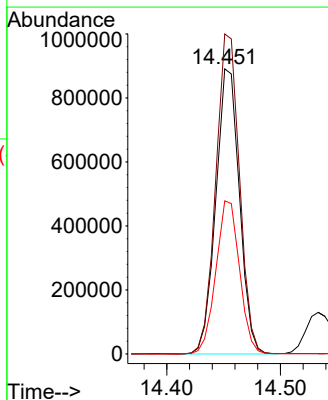
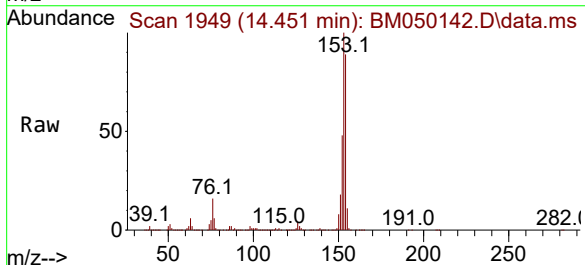
Instrument :
BNA_M
ClientSampleId :
PB167889BS

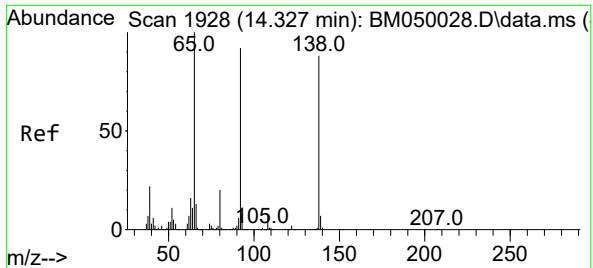
Tgt Ion:165 Resp: 370744
Ion Ratio Lower Upper
165 100
63 45.1 35.1 52.7
89 48.2 38.4 57.6



#52
Acenaphthene
Concen: 42.149 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:154 Resp: 1286566
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.4
152 53.7 43.0 64.6

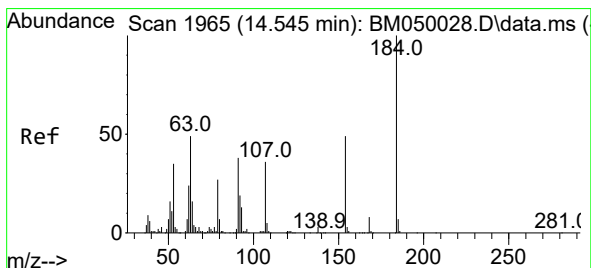
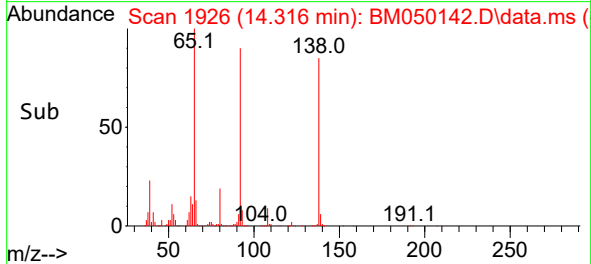
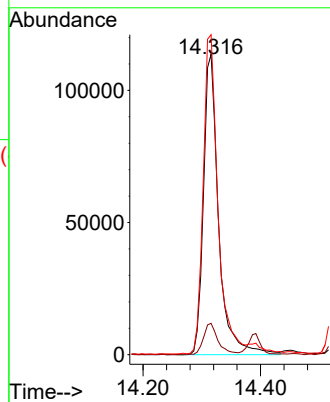
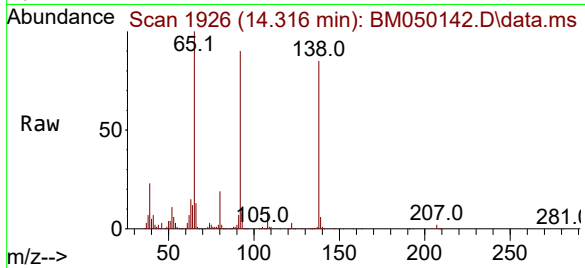




#53
3-Nitroaniline
Concen: 24.793 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

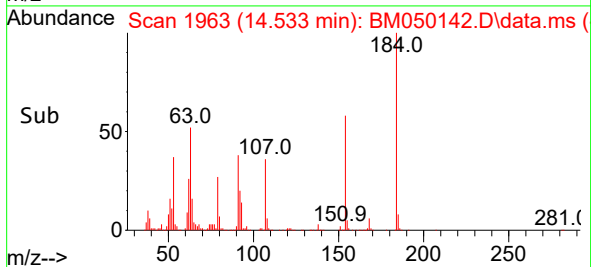
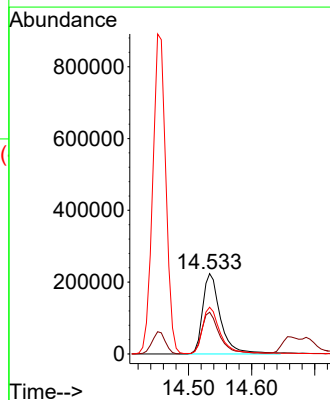
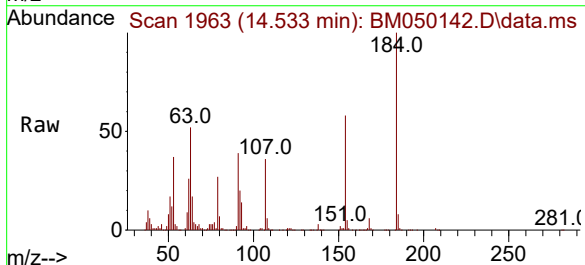
Instrument :
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ClientSampleId :
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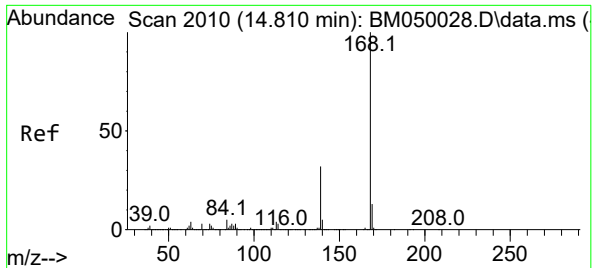
Tgt Ion:138 Resp: 203467
Ion Ratio Lower Upper
138 100
108 10.4 7.4 11.2
92 106.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.596 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:184 Resp: 437692
Ion Ratio Lower Upper
184 100
63 51.9 39.8 59.6
154 58.0 46.1 69.1

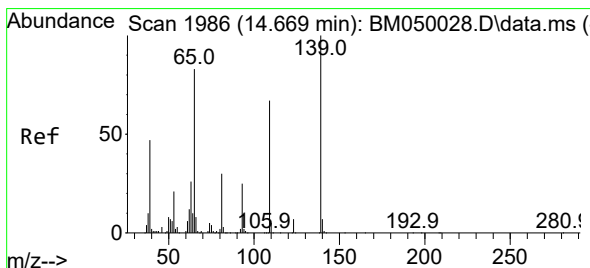
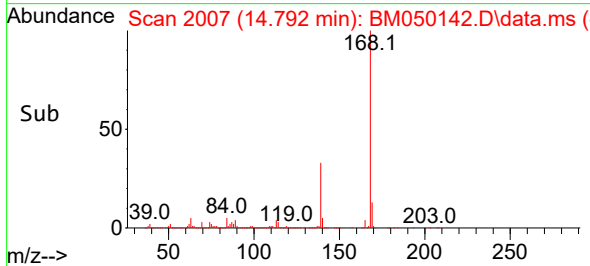
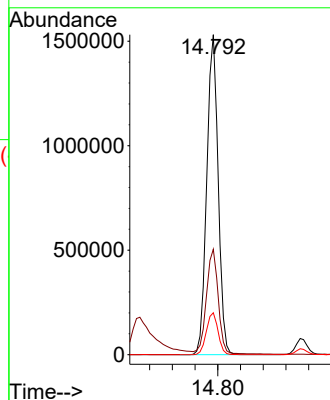
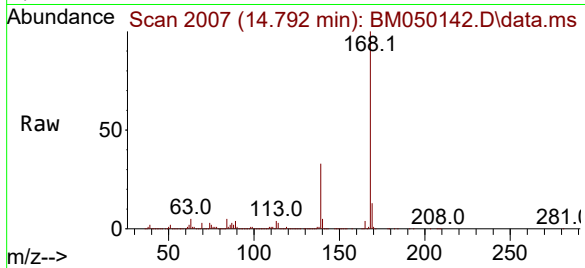




#55
Dibenzenofuran
Concen: 41.776 ng
RT: 14.792 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

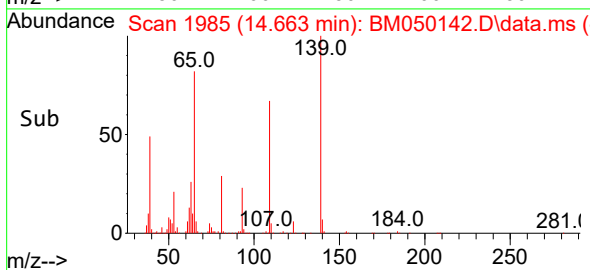
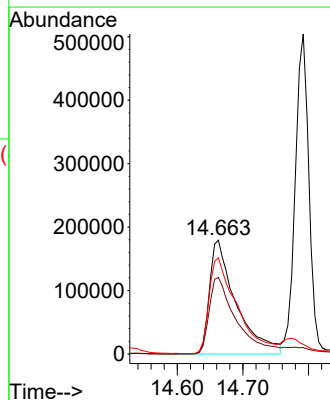
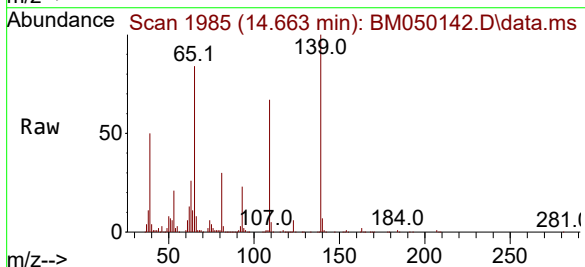
Instrument :
BNA_M
ClientSampleId :
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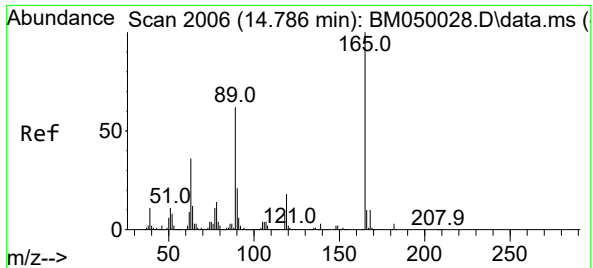
Tgt Ion:168 Resp: 2121632
Ion Ratio Lower Upper
168 100
139 32.9 26.1 39.1
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 75.740 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:139 Resp: 503968
Ion Ratio Lower Upper
139 100
109 67.2 47.0 87.0
65 84.5 64.3 104.3

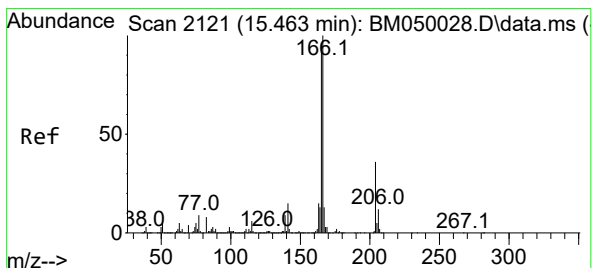
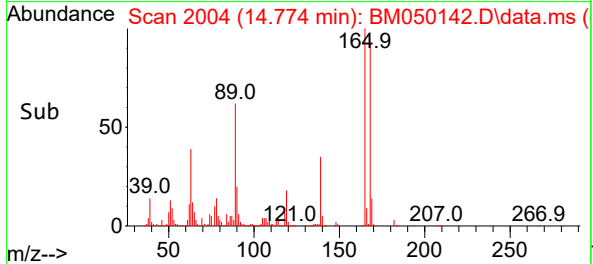
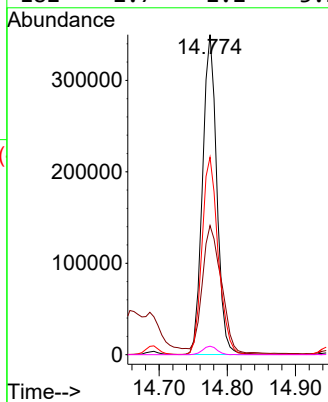
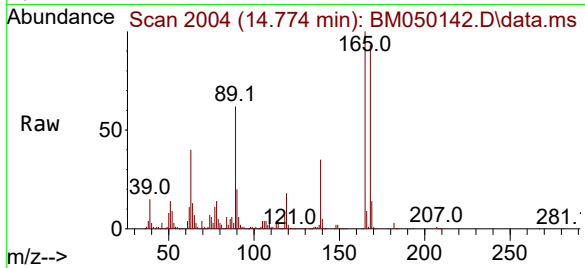




#57
2,4-Dinitrotoluene
Concen: 42.882 ng
RT: 14.774 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

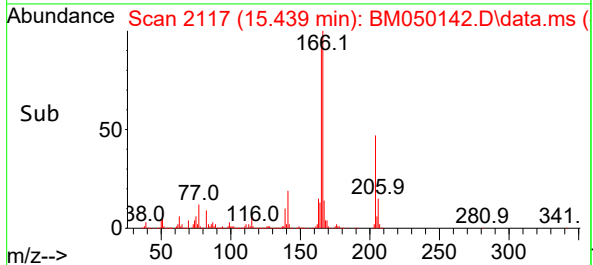
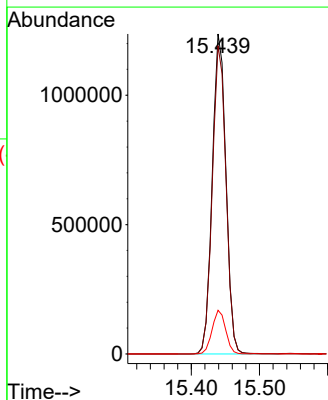
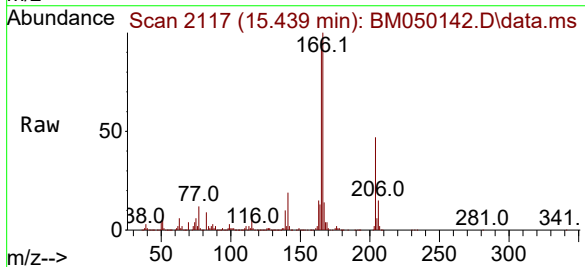
Instrument :
BNA_M
ClientSampleId :
PB167889BS

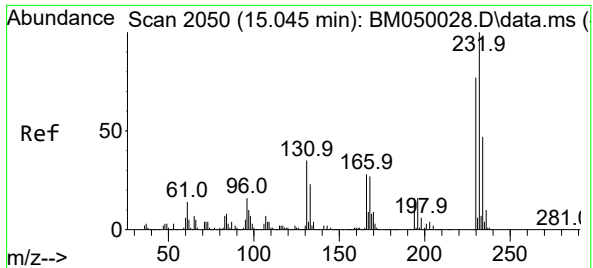
Tgt Ion:165 Resp: 509344
Ion Ratio Lower Upper
165 100
63 40.4 29.0 43.6
89 61.7 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.605 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:166 Resp: 1729486
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.7 10.6 16.0

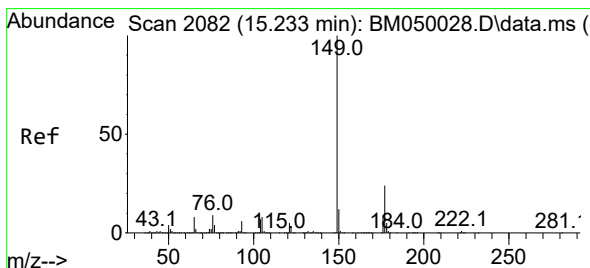
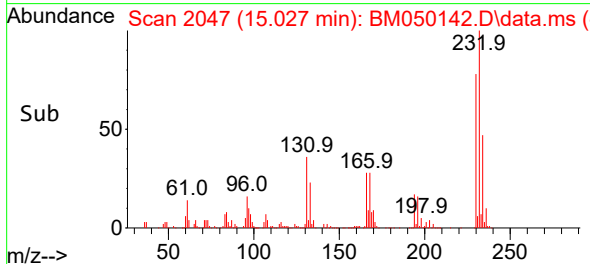
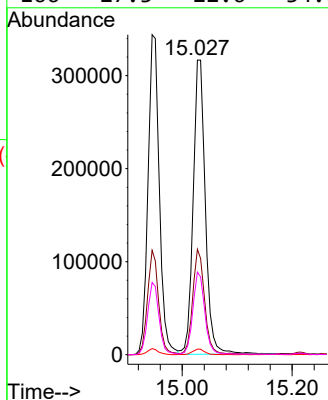
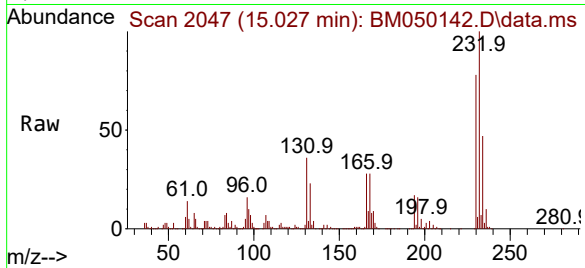




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.860 ng
RT: 15.027 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

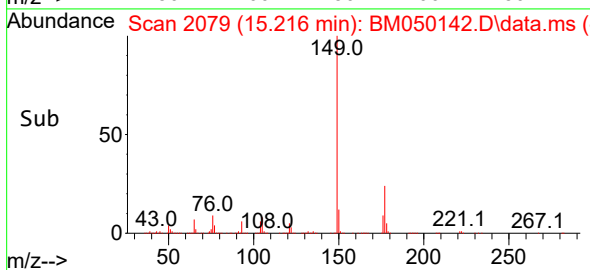
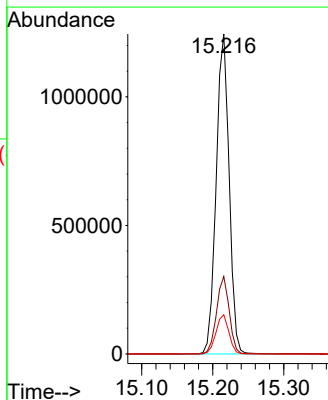
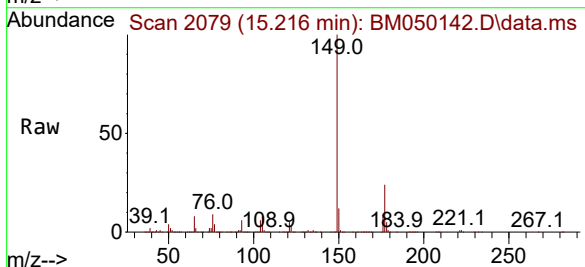
Instrument :
BNA_M
ClientSampleId :
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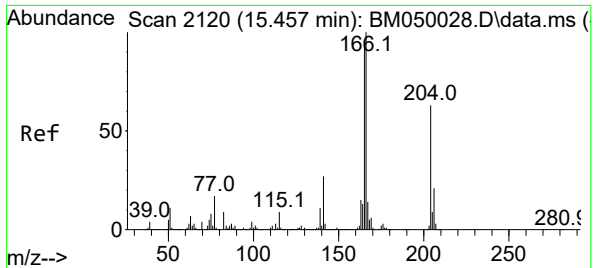
Tgt Ion:232 Resp: 487372
Ion Ratio Lower Upper
232 100
131 34.8 28.2 42.4
130 1.9 1.5 2.3
166 27.3 22.6 34.0



#60
Diethylphthalate
Concen: 40.024 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1565730
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 12.2 9.6 14.4

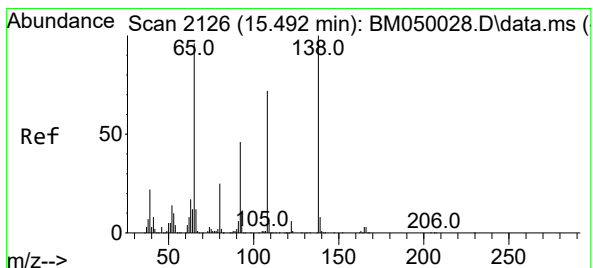
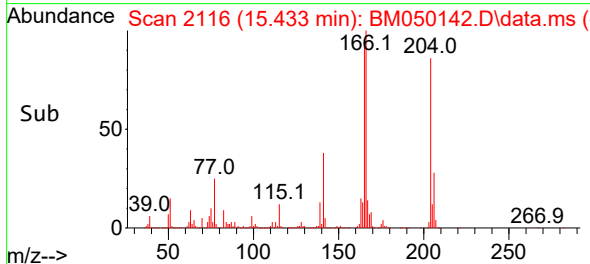
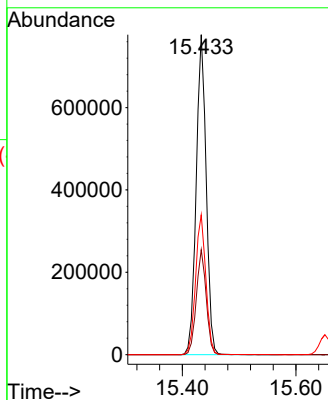
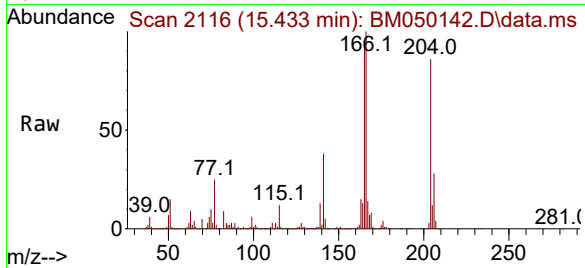




#61
4-Chlorophenyl-phenylether
Concen: 41.722 ng
RT: 15.433 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

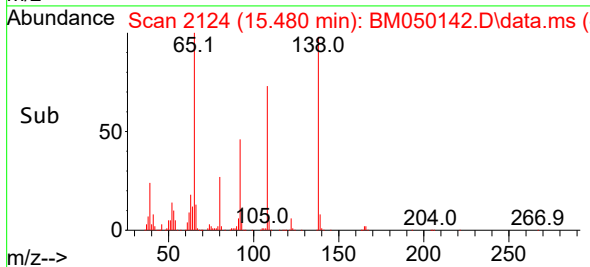
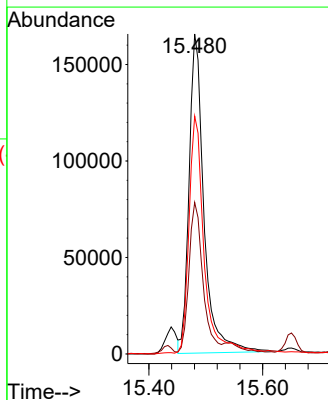
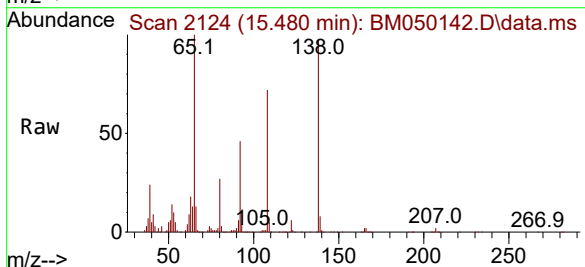
Instrument :
BNA_M
ClientSampleId :
PB167889BS

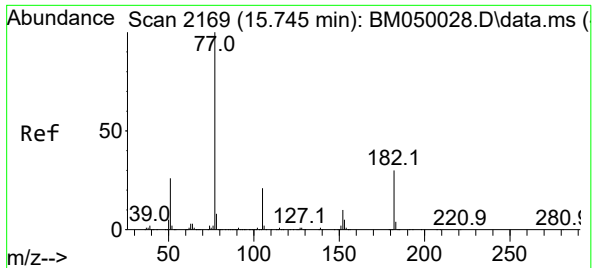
Tgt Ion:204 Resp: 952609
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 43.7 34.0 51.0



#62
4-Nitroaniline
Concen: 37.978 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:138 Resp: 300705
Ion Ratio Lower Upper
138 100
92 47.4 25.9 65.9
108 74.4 52.4 92.4

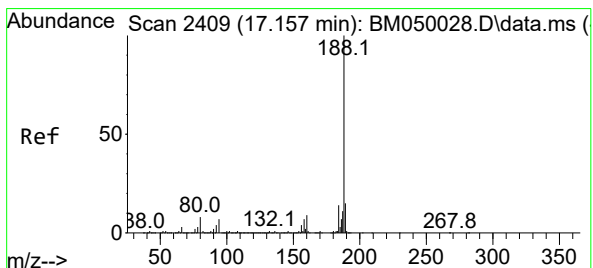
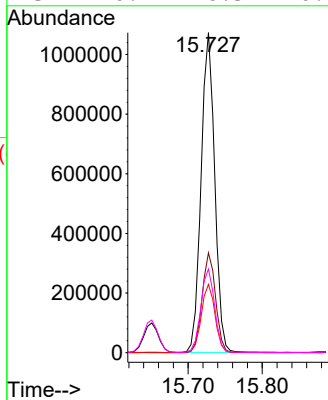
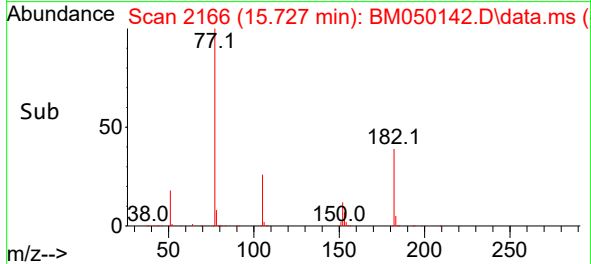
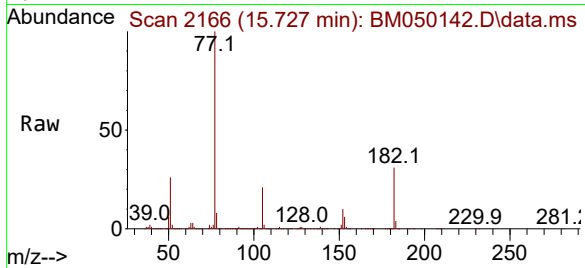




#63
Azobenzene
Concen: 41.712 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

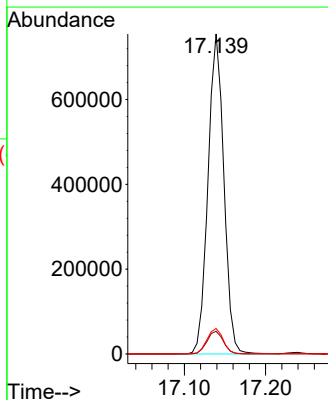
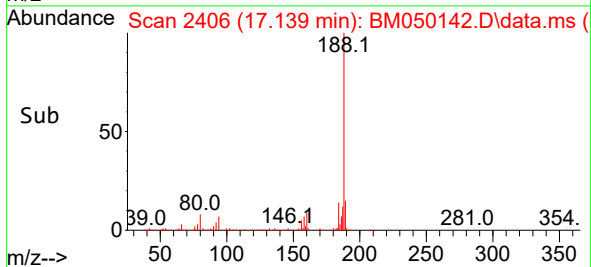
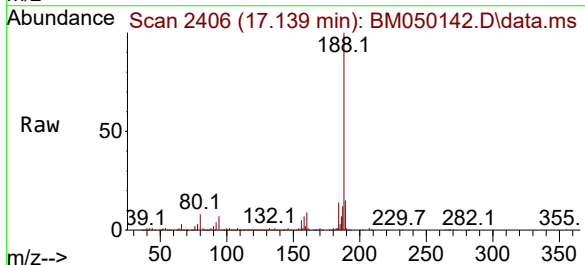
Instrument :
BNA_M
ClientSampleId :
PB167889BS

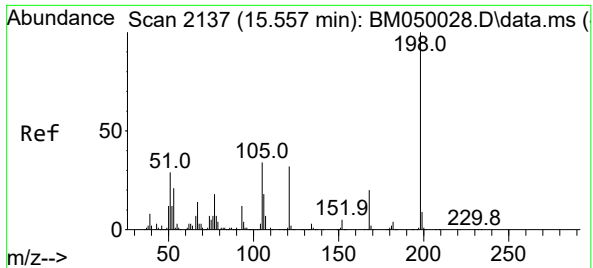
Tgt Ion: 77 Resp: 1367543
Ion Ratio Lower Upper
77 100
182 31.2 10.5 50.5
105 21.4 1.1 41.1
51 26.2 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:188 Resp: 1021174
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.0 6.2 9.4

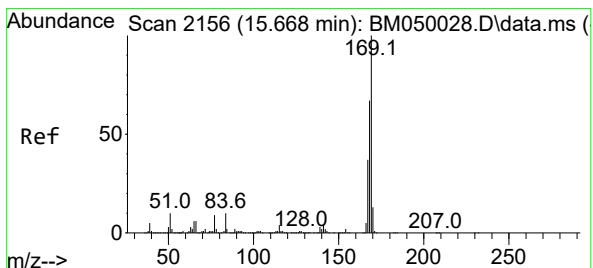
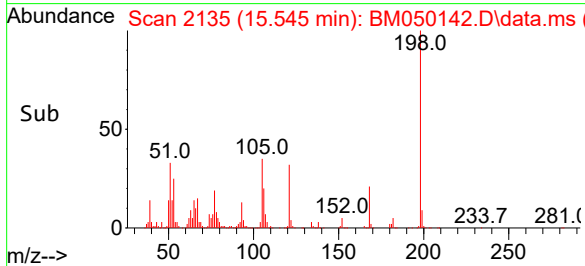
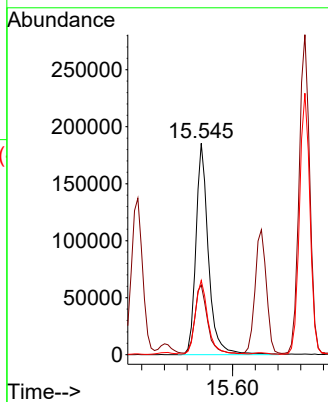
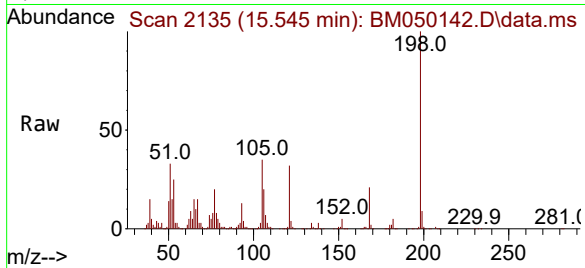




#65
4,6-Dinitro-2-methylphenol
Concen: 44.519 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

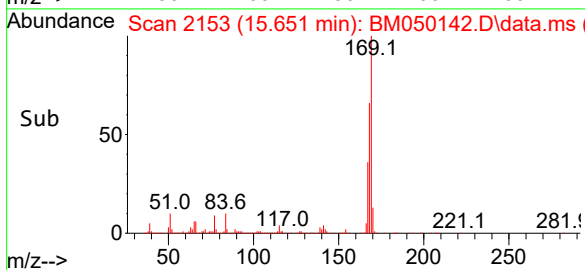
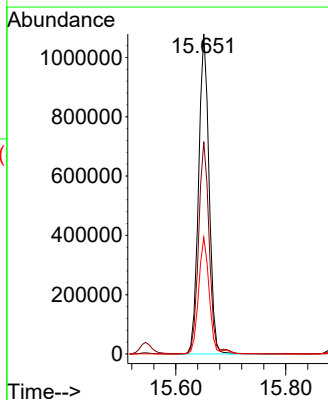
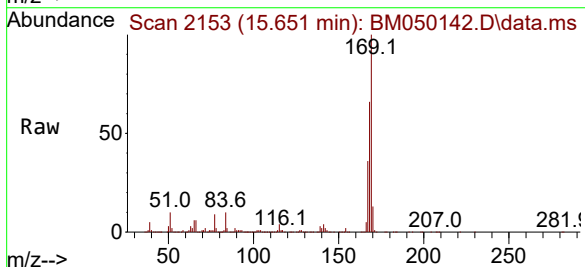
Instrument :
BNA_M
ClientSampleId :
PB167889BS

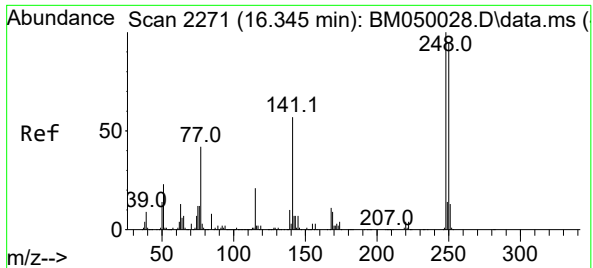
Tgt Ion:198 Resp: 284575
Ion Ratio Lower Upper
198 100
51 33.0 10.4 50.4
105 35.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.517 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:169 Resp: 1427311
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 36.4 29.4 44.0

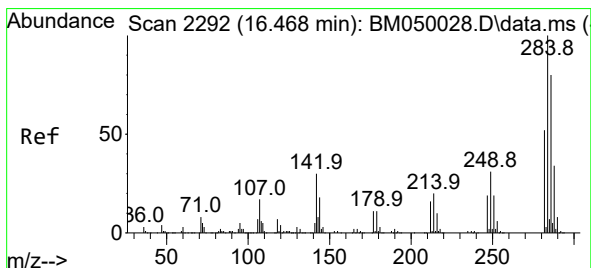
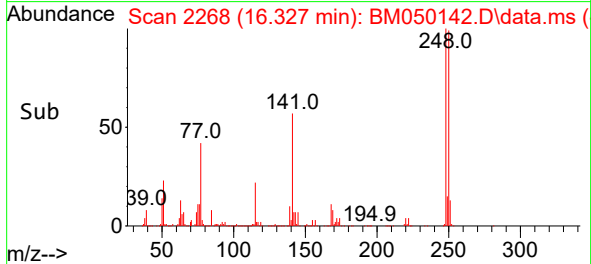
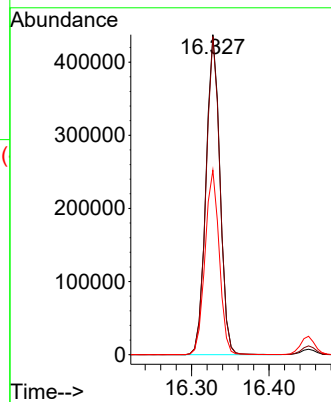
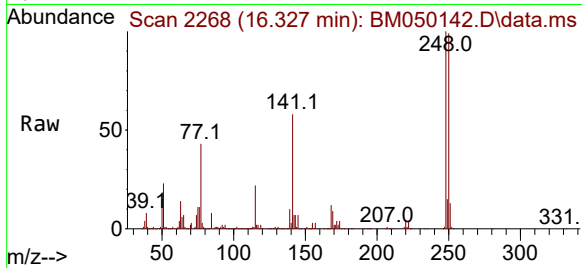




#67
4-Bromophenyl-phenylether
Concen: 44.332 ng
RT: 16.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

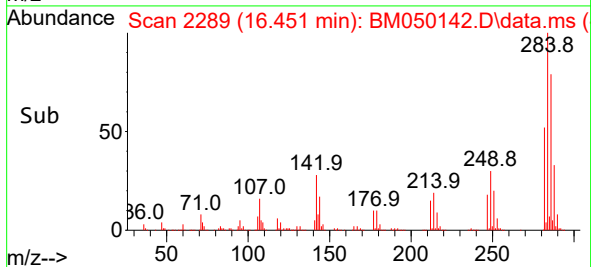
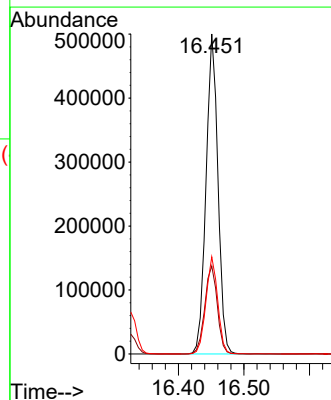
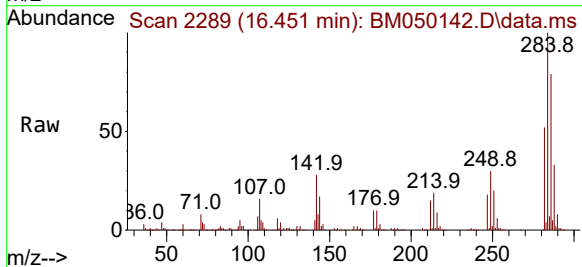
Instrument :
BNA_M
ClientSampleId :
PB167889BS

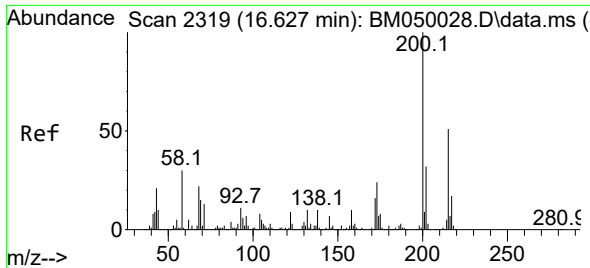
Tgt Ion:248 Resp: 547445
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.2
141 57.6 45.9 68.9



#68
Hexachlorobenzene
Concen: 44.477 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:284 Resp: 633103
Ion Ratio Lower Upper
284 100
142 27.5 23.9 35.9
249 30.4 24.5 36.7

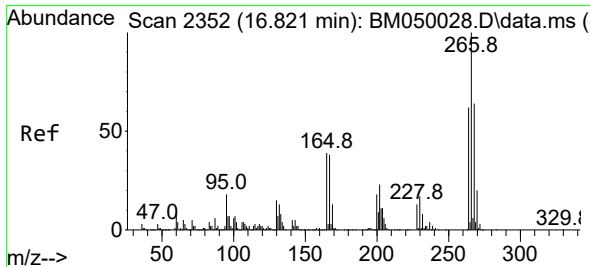
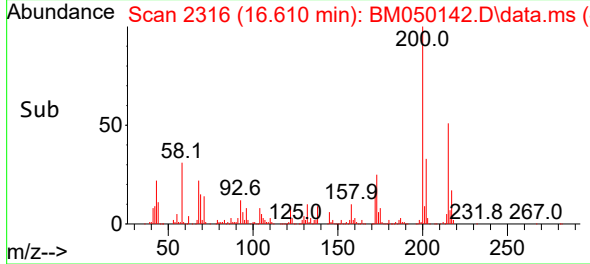
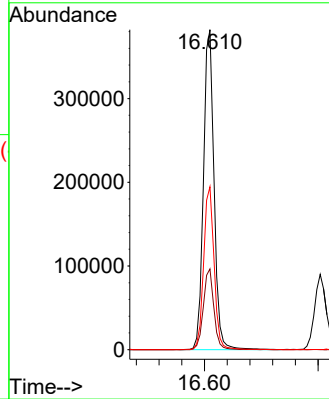
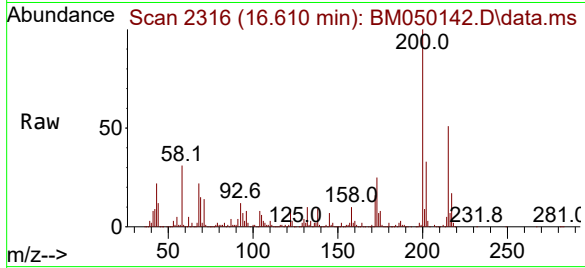




#69
Atrazine
Concen: 43.652 ng
RT: 16.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

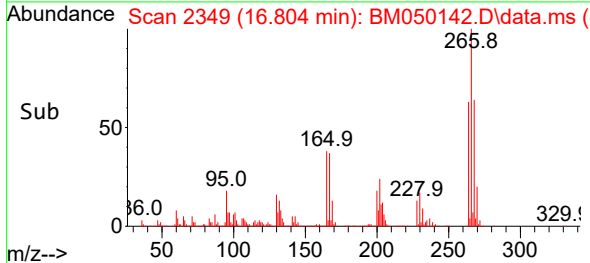
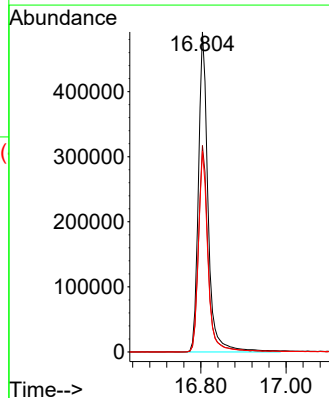
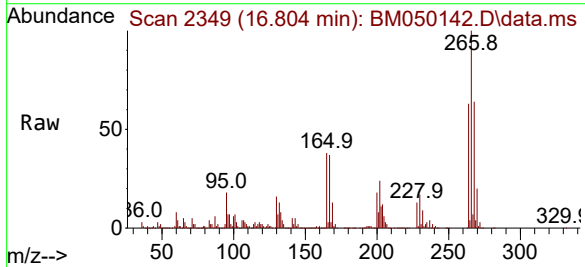
Instrument :
BNA_M
ClientSampleId :
PB167889BS

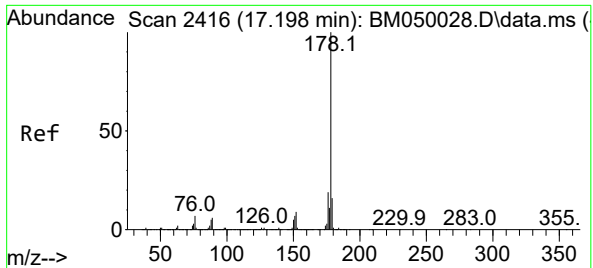
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	4.3	44.3
215	50.9	30.6	70.6



#70
Pentachlorophenol
Concen: 95.939 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.2	76.8
264	62.8	49.6	74.4

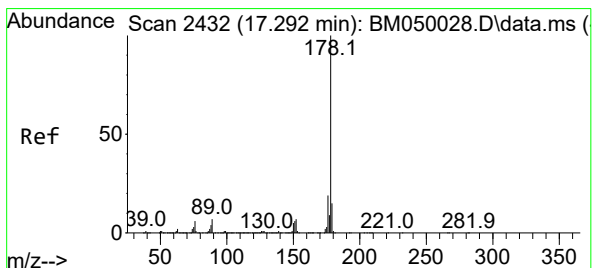
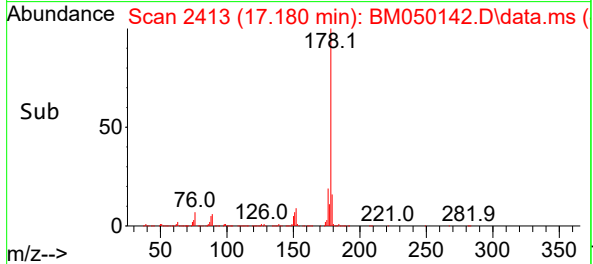
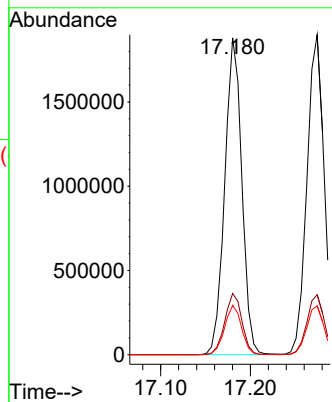
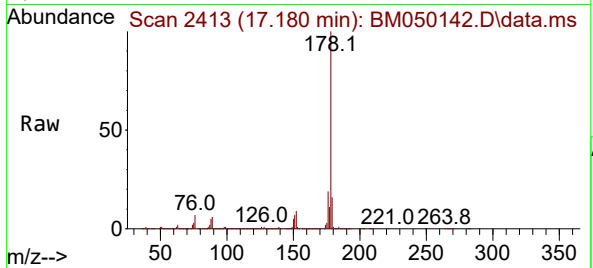




#71
Phenanthrene
Concen: 43.156 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

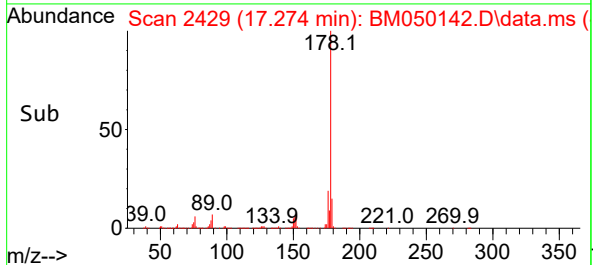
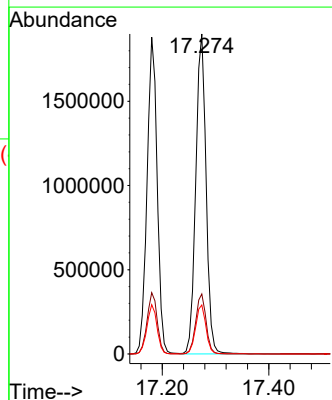
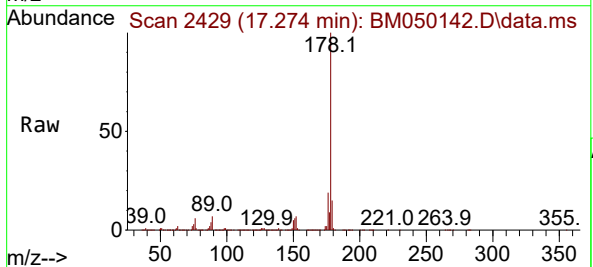
Instrument :
BNA_M
ClientSampleId :
PB167889BS

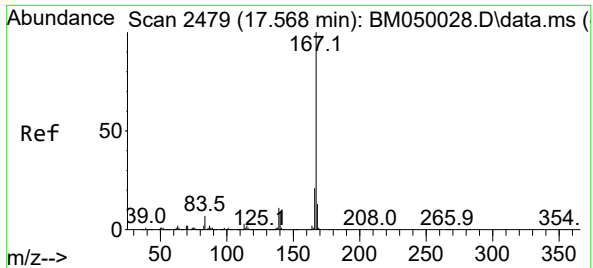
Tgt Ion:178 Resp: 2485581
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 43.905 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:178 Resp: 2559025
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4

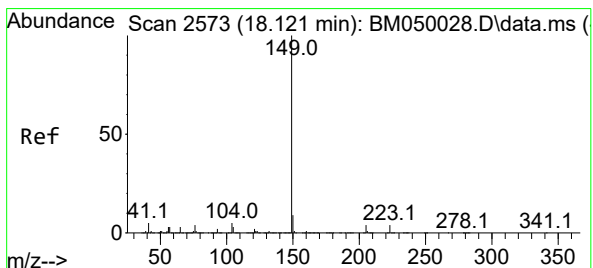
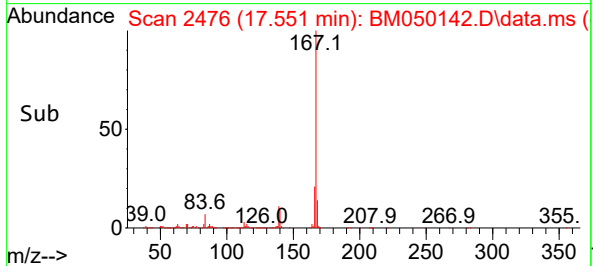
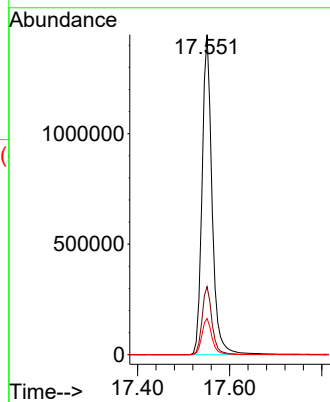
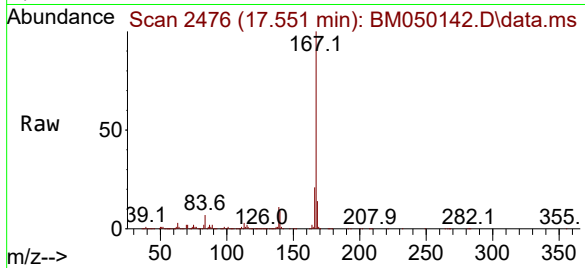




#73
Carbazole
Concen: 43.271 ng
RT: 17.551 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

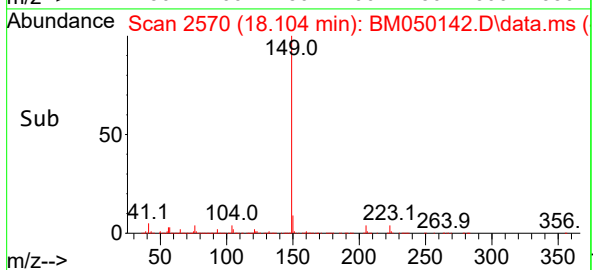
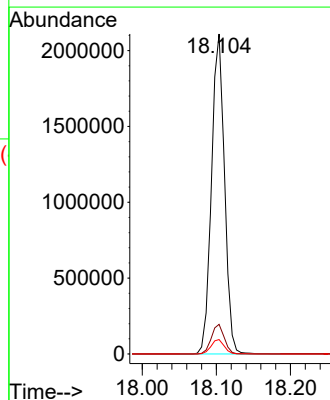
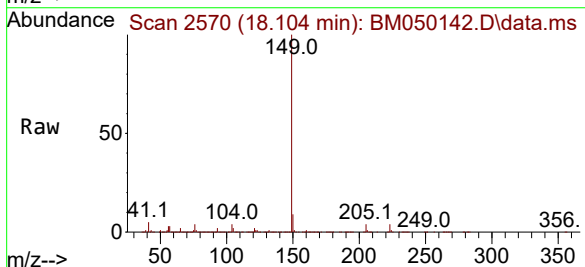
Instrument :
BNA_M
ClientSampleId :
PB167889BS

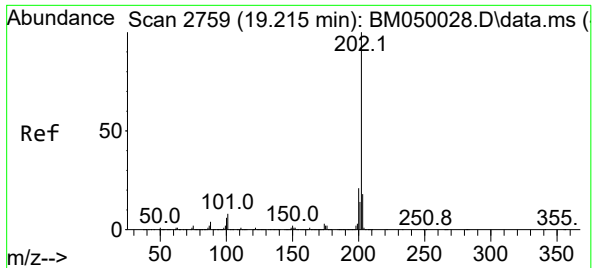
Tgt Ion:167 Resp: 2188535
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.636 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 2568048
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6

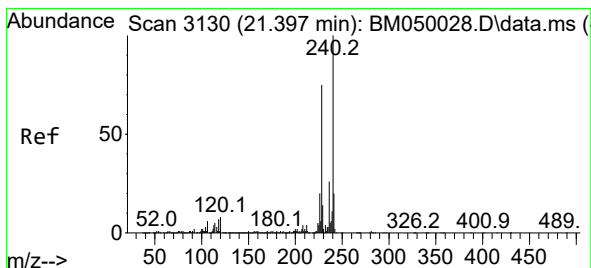
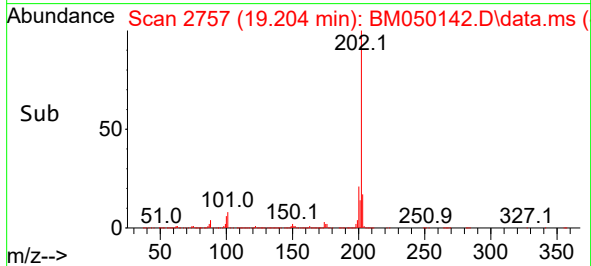
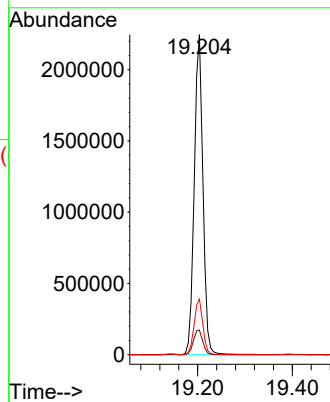
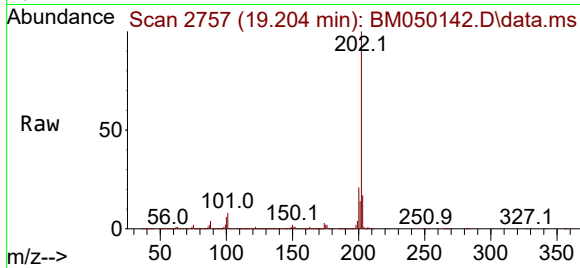




#75
Fluoranthene
Concen: 42.375 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

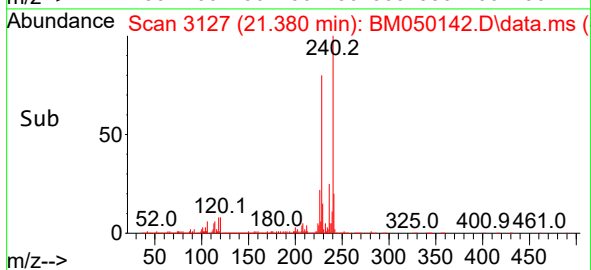
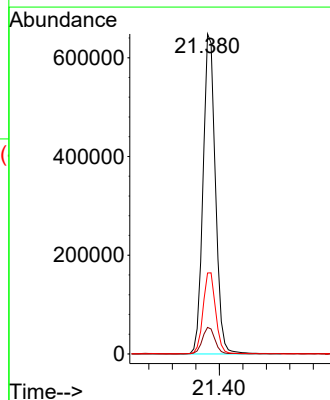
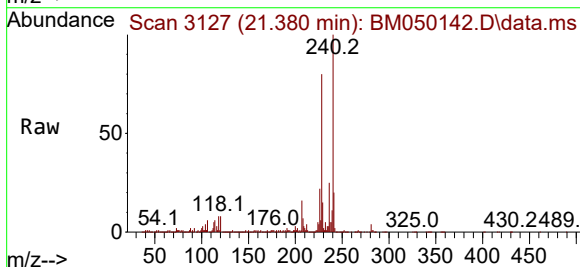
Instrument :
BNA_M
ClientSampleId :
PB167889BS

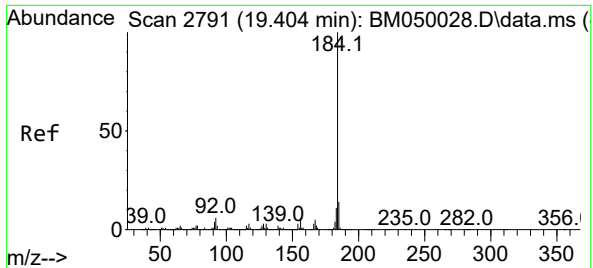
Tgt Ion:202 Resp: 2865387
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:240 Resp: 945959
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.3 20.9 31.3

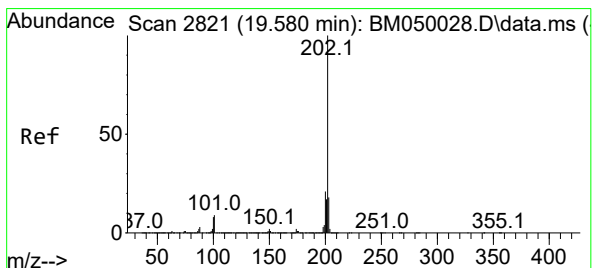
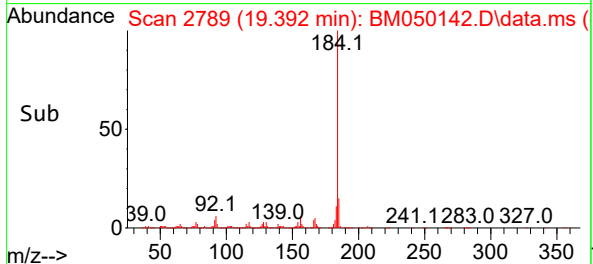
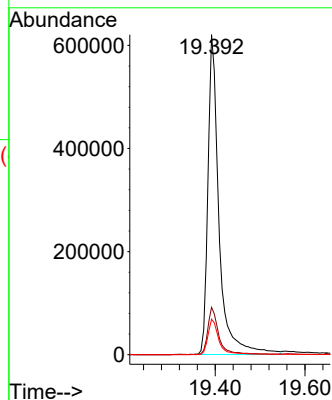
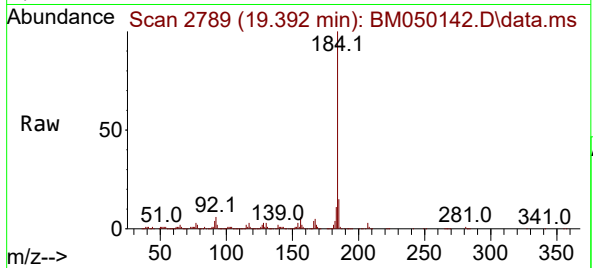




#77
Benzidine
Concen: 31.741 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

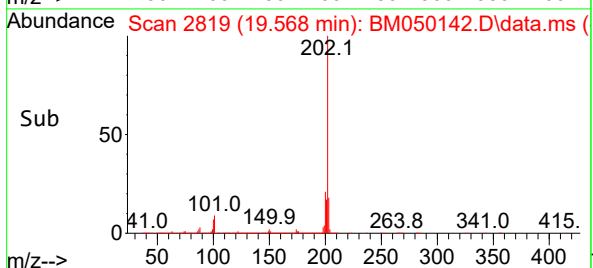
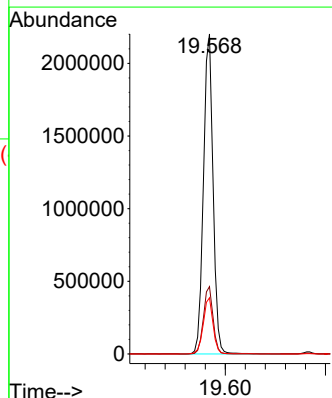
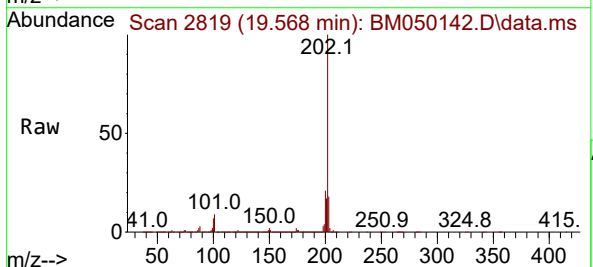
Instrument :
BNA_M
ClientSampleId :
PB167889BS

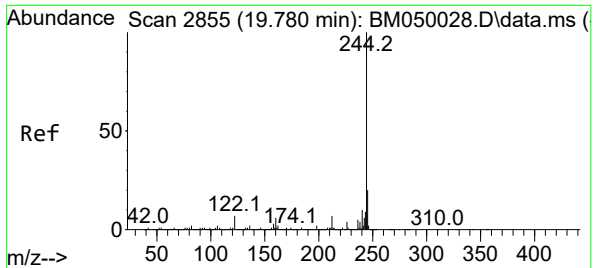
Tgt Ion:184 Resp: 1066546
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 44.046 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:202 Resp: 2925918
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.5 14.1 21.1

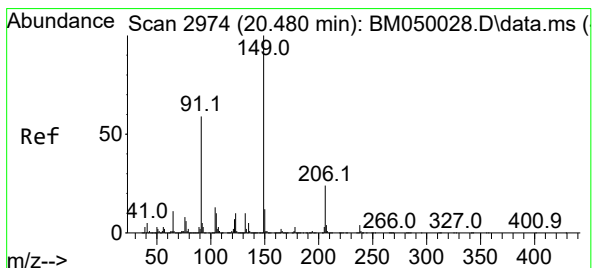
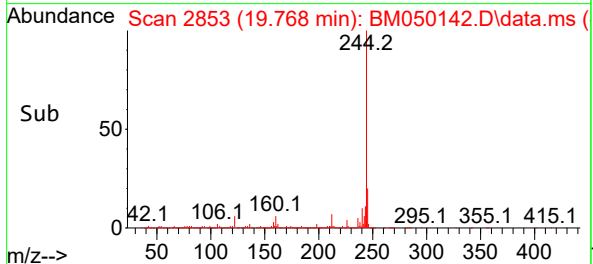
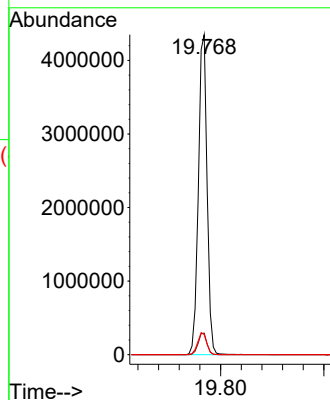
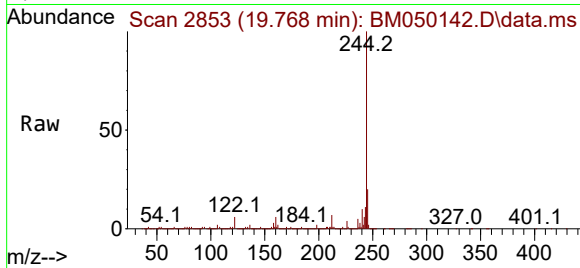




#79
Terphenyl-d14
Concen: 79.216 ng
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

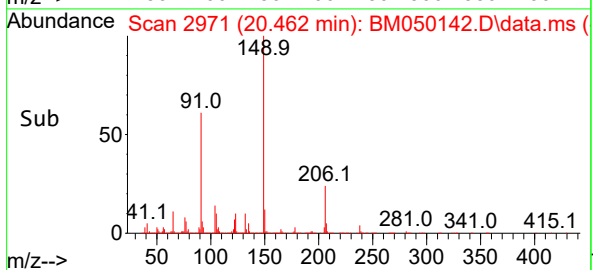
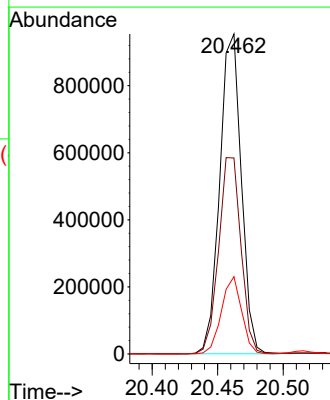
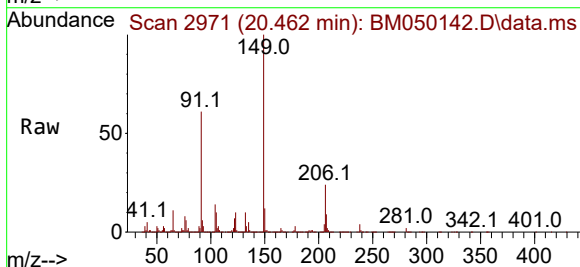
Instrument :
BNA_M
ClientSampleId :
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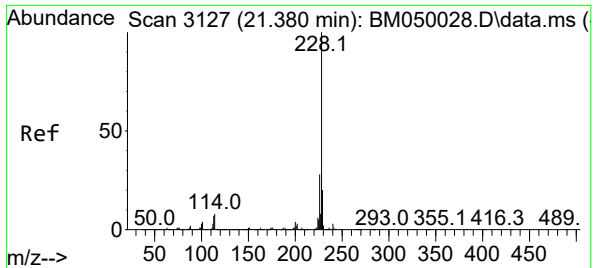
Tgt Ion:244 Resp: 5064085
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 6.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 43.828 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1090426
Ion Ratio Lower Upper
149 100
91 61.3 47.4 71.2
206 24.1 19.4 29.0

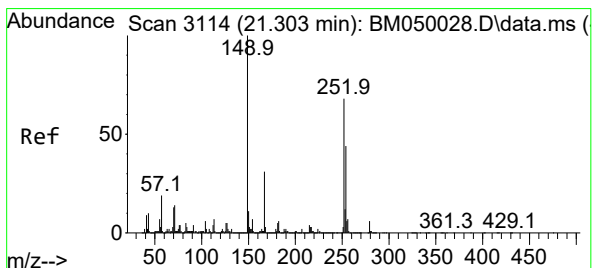
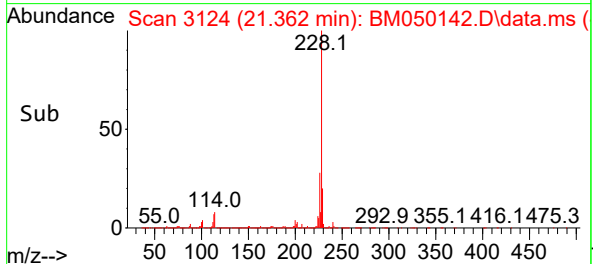
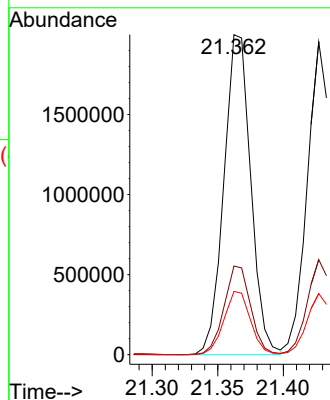
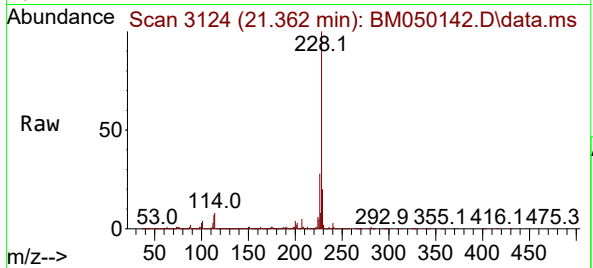




#81
Benzo(a)anthracene
Concen: 43.751 ng
RT: 21.362 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

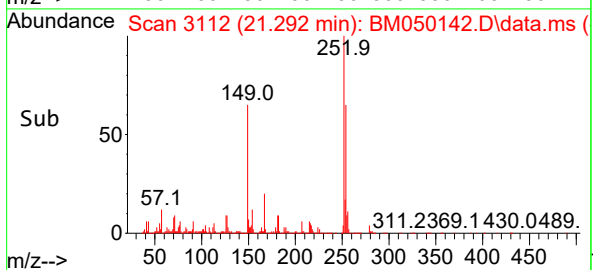
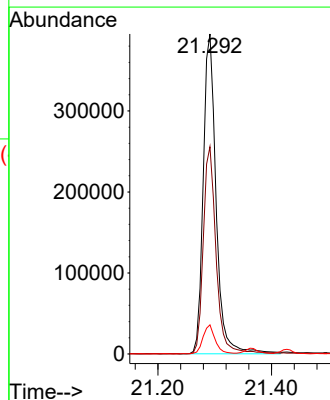
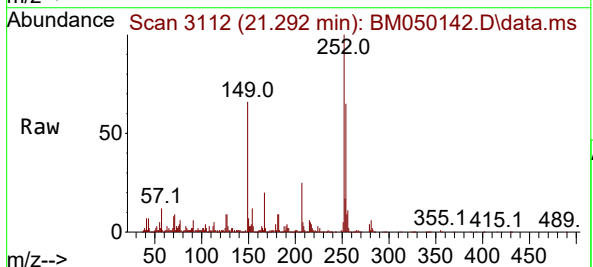
Instrument :
BNA_M
ClientSampleId :
PB167889BS

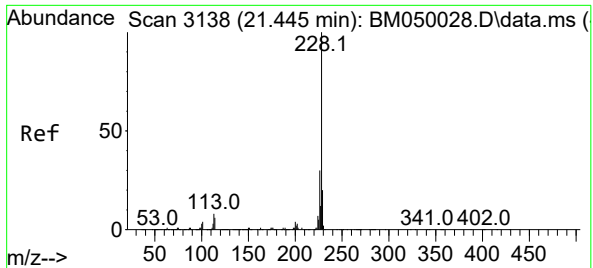
Tgt Ion:228 Resp: 2849979
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 24.877 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 620352
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 9.1 6.0 9.0#

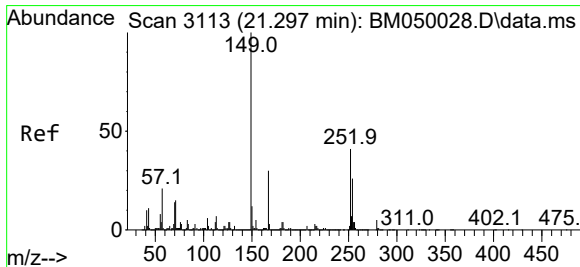
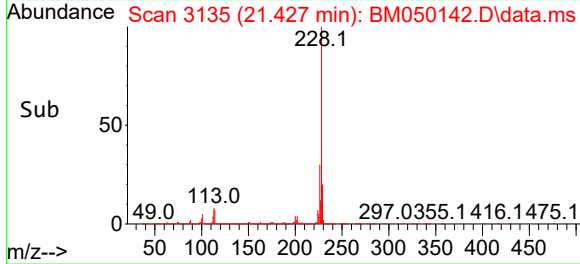
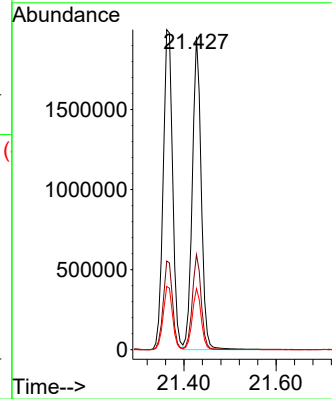
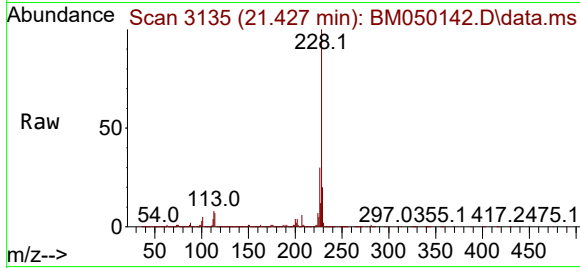




#83
Chrysene
Concen: 43.198 ng
RT: 21.427 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

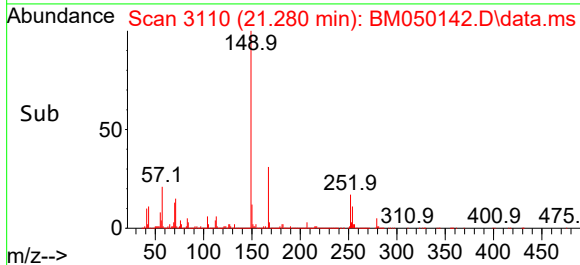
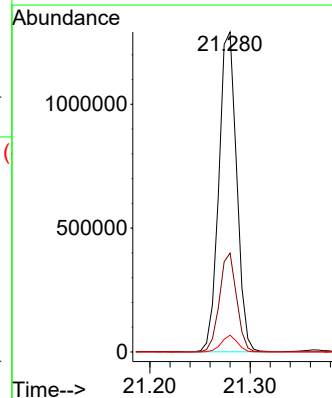
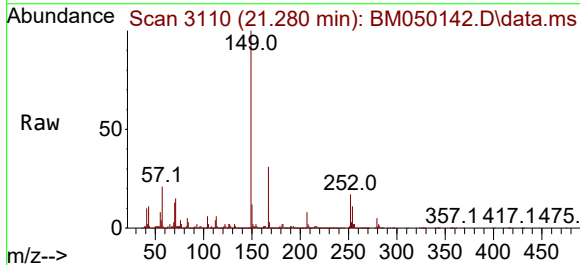
Instrument :
BNA_M
ClientSampleId :
PB167889BS

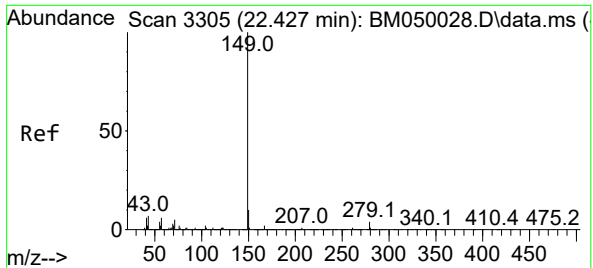
Tgt Ion:228 Resp: 2604413
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.798 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1590468
Ion Ratio Lower Upper
149 100
167 30.9 24.1 36.1
279 5.2 3.9 5.9

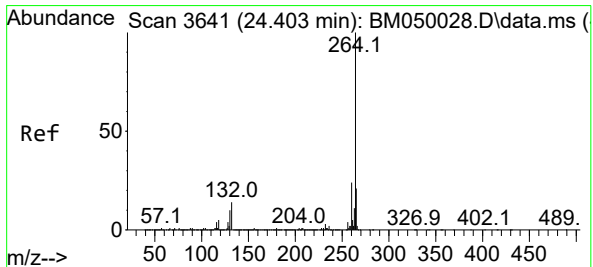
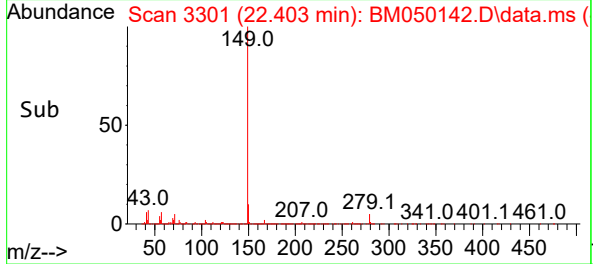
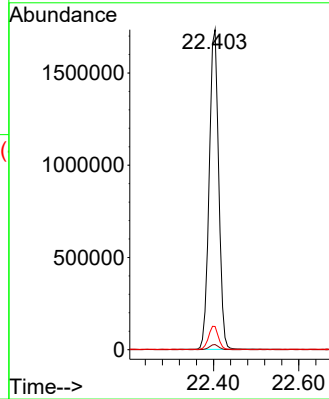
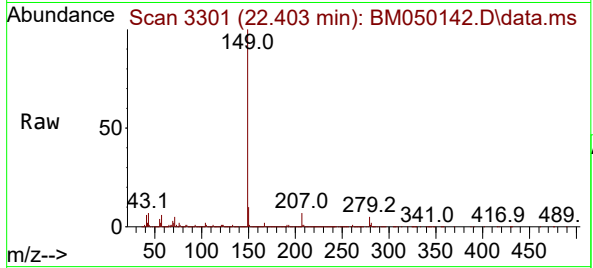




#85
Di-n-octyl phthalate
Concen: 43.660 ng
RT: 22.403 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

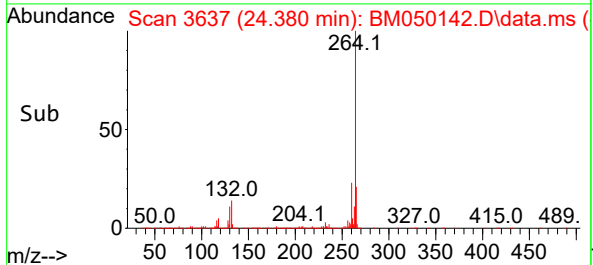
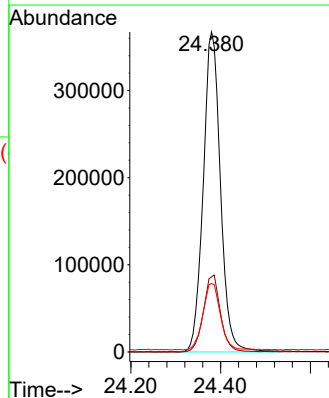
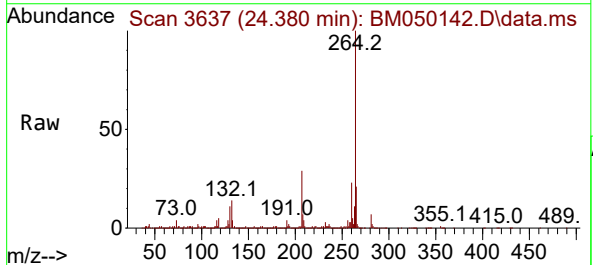
Instrument :
BNA_M
ClientSampleId :
PB167889BS

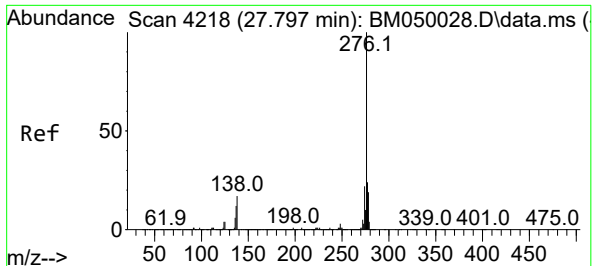
Tgt Ion:149 Resp: 2675728
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:264 Resp: 977986
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.4 17.0 25.4

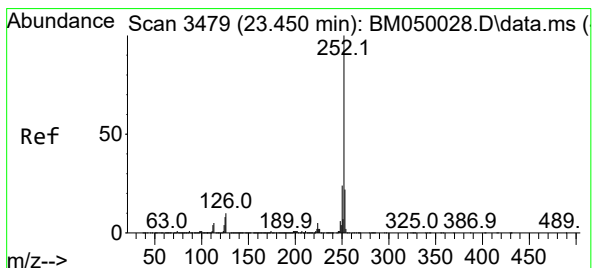
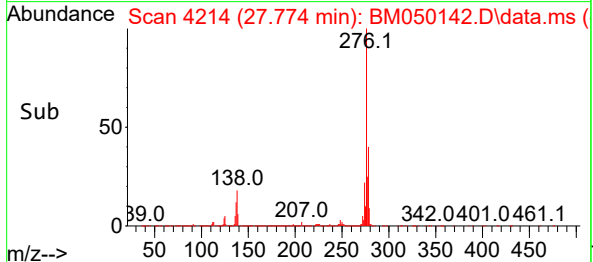
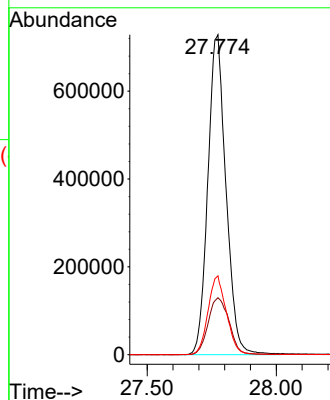
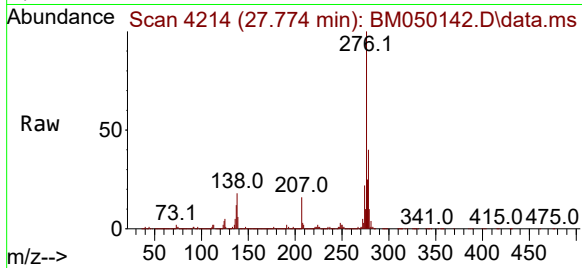




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.729 ng
RT: 27.774 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

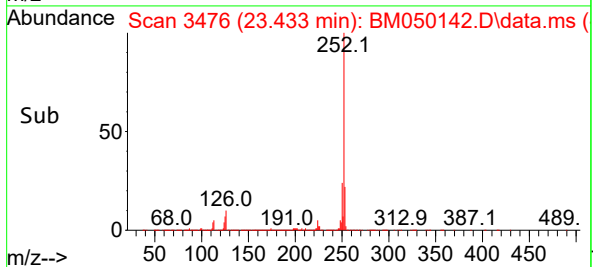
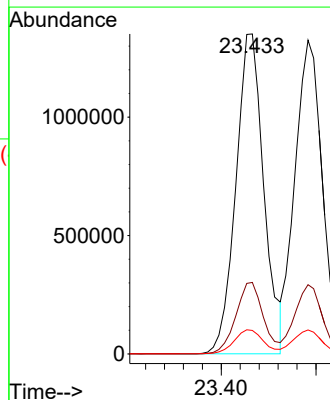
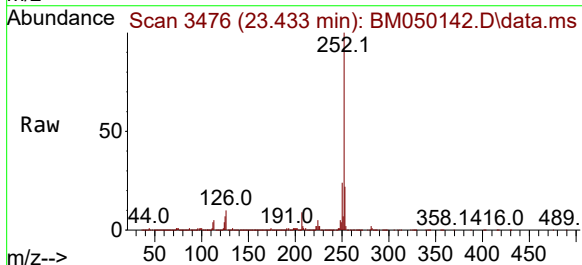
Instrument :
BNA_M
ClientSampleId :
PB167889BS

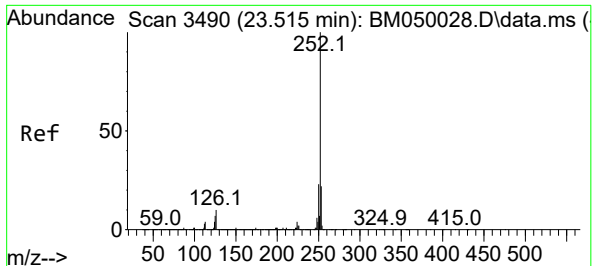
Tgt Ion:276 Resp: 3550952
Ion Ratio Lower Upper
276 100
138 20.5 16.4 24.6
277 25.0 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.537 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 2769019
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.4 6.1 9.1

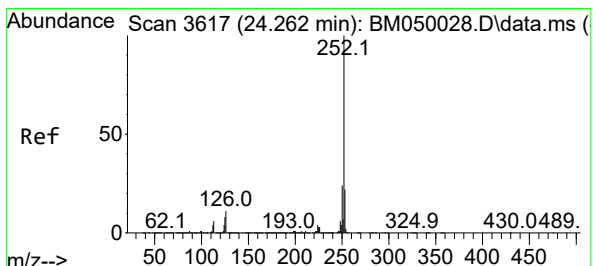
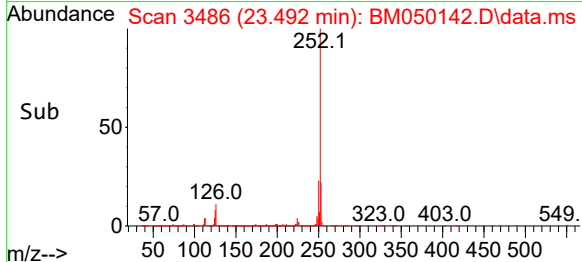
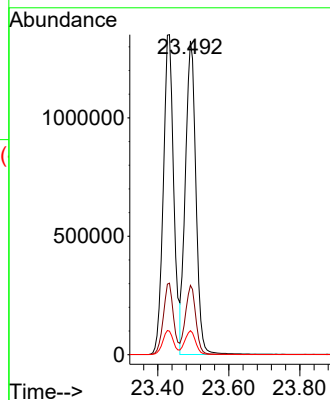
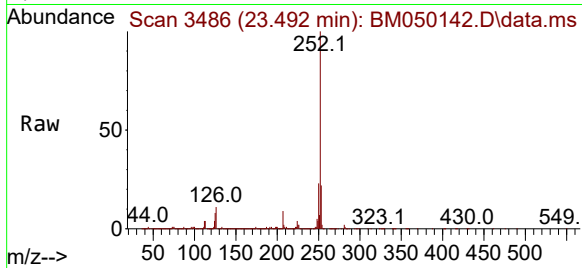




#89
Benzo(k)fluoranthene
Concen: 42.013 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

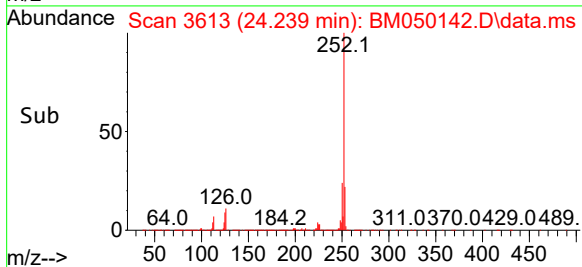
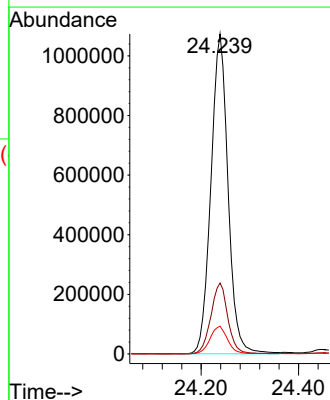
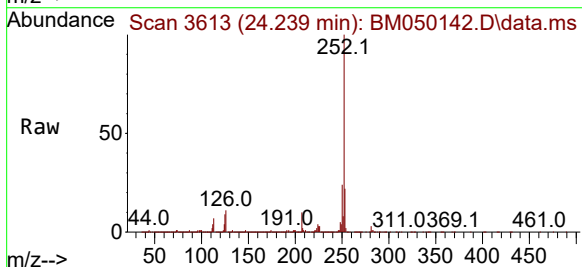
Instrument :
BNA_M
ClientSampleId :
PB167889BS

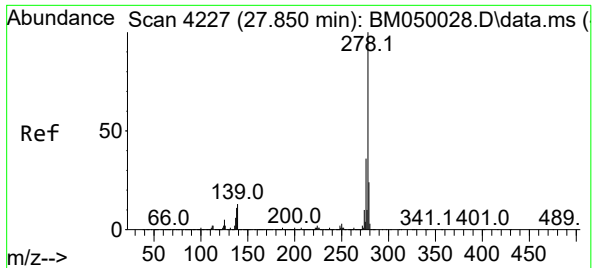
Tgt Ion:252 Resp: 2702901
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.7 5.8 8.8



#90
Benzo(a)pyrene
Concen: 43.862 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 2612810
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.7 6.6 9.8

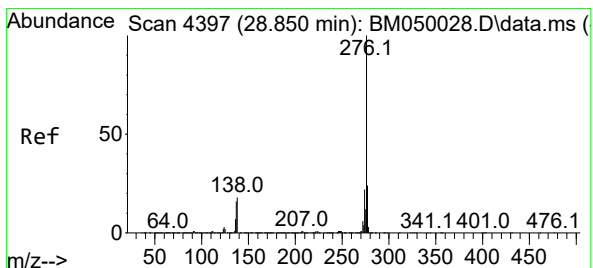
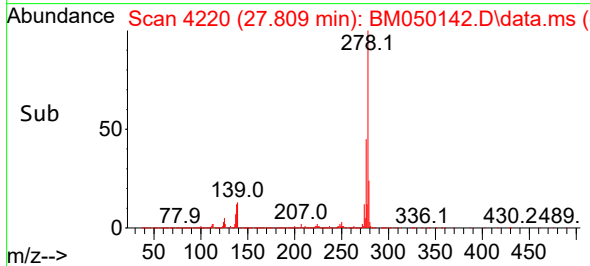
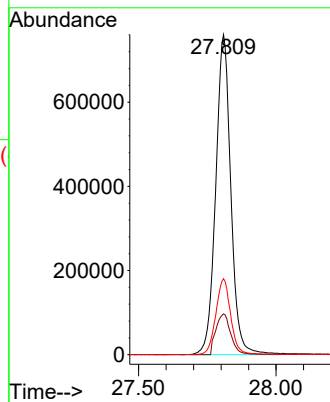
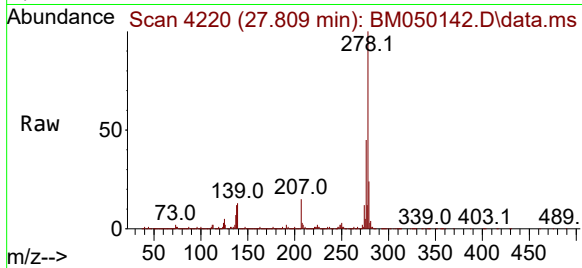




#91
Dibenzo(a,h)anthracene
Concen: 48.956 ng
RT: 27.809 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

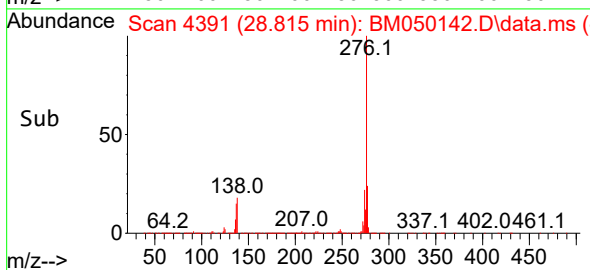
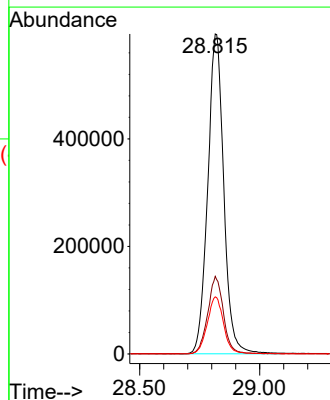
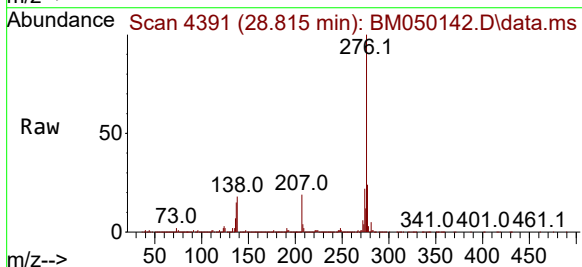
Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:278 Resp: 2908155
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 48.474 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:276 Resp: 2756751
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 17.9 14.3 21.5



Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167889BSD		SDG No.:	Q1945
Lab Sample ID:	PB167889BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.2		3.90	10.0	ug/L
62-53-3	Aniline	27.0		1.50	5.00	ug/L
108-95-2	Phenol	43.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	43.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	42.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	41.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.5		0.76	5.00	ug/L
78-59-1	Isophorone	40.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.0		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.5		0.52	5.00	ug/L
91-20-3	Naphthalene	42.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	16.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
105-60-2	Caprolactam	37.8		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	41.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.1		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	98.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	45.8		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.7		1.30	5.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167889BSD		SDG No.:	Q1945
Lab Sample ID:	PB167889BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	42.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	23.6		1.10	5.00	ug/L
83-32-9	Acenaphthene	43.4		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	81.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.5		2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.4		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.7		0.68	5.00	ug/L
86-73-7	Fluorene	42.4		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	37.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	44.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	97.1	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	44.0		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	43.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.5		0.82	5.00	ug/L
129-00-0	Pyrene	46.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	45.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.0		0.45	5.00	ug/L
218-01-9	Chrysene	44.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	44.4		2.30	10.0	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Amsterdam		Date Received:	
Client Sample ID:	PB167889BSD		SDG No.:	Q1945
Lab Sample ID:	PB167889BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
205-99-2	Benzo(b)fluoranthene	44.1		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	43.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	50.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.6		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	129		15 (10) - 110 (134)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		30 (49) - 130 (133)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		30 (48) - 130 (125)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	264000	7.74			
1146-65-2	Naphthalene-d8	911000	10.534			
15067-26-2	Acenaphthene-d10	549000	14.392			
1517-22-2	Phenanthrene-d10	983000	17.139			
1719-03-5	Chrysene-d12	868000	21.386			
1520-96-3	Perylene-d12	894000	24.38			

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\BM050825\
 Data File : BM050143.D
 Acq On : 08 May 2025 12:39
 Operator : RC/JU
 Sample : PB167889BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/09/2025
 Supervised By :Jagrut Upadhyay 05/09/2025

Quant Time: May 08 13:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	264346	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	911076	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	548910	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	982803	20.000	ng	0.00
76) Chrysene-d12	21.386	240	868474	20.000	ng	0.00
86) Perylene-d12	24.380	264	893841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2021970	133.939	ng	0.00
7) Phenol-d6	6.934	99	2452721	129.267	ng	0.00
23) Nitrobenzene-d5	8.904	82	1448557	78.347	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1063477	131.029	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3723241	80.242	ng	0.00
79) Terphenyl-d14	19.768	244	5036934	85.821	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	230236	35.570	ng	99
3) Pyridine	3.634	79	631457	37.969	ng	97
4) n-Nitrosodimethylamine	3.546	42	272864	41.833	ng	99
6) Aniline	7.075	93	646417	26.980	ng	98
8) 2-Chlorophenol	7.316	128	713271	43.699	ng	99
9) Benzaldehyde	6.887	77	294210	23.171	ng	99
10) Phenol	6.957	94	838666	43.662	ng	99
11) bis(2-Chloroethyl)ether	7.169	93	669133	41.719	ng	99
12) 1,3-Dichlorobenzene	7.628	146	816752	41.424	ng	100
13) 1,4-Dichlorobenzene	7.775	146	821437	41.470	ng	99
14) 1,2-Dichlorobenzene	8.093	146	788459	41.208	ng	99
15) Benzyl Alcohol	7.993	79	559284	42.504	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.263	45	810918	41.593	ng	99
17) 2-Methylphenol	8.204	107	540207	42.691	ng	99
18) Hexachloroethane	8.816	117	293460	41.677	ng	99
19) n-Nitroso-di-n-propyla...	8.551	70	488851	40.172	ng	100
20) 3+4-Methylphenols	8.534	107	717828	42.007	ng	98
22) Acetophenone	8.569	105	969487	42.801	ng	# 98
24) Nitrobenzene	8.945	77	695574	43.509	ng	98
25) Isophorone	9.475	82	1290030	40.932	ng	99
26) 2-Nitrophenol	9.657	139	367311	44.974	ng	98
27) 2,4-Dimethylphenol	9.728	122	595475	43.965	ng	99
28) bis(2-Chloroethoxy)met...	9.945	93	817207	41.952	ng	99
29) 2,4-Dichlorophenol	10.210	162	674561	44.457	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	792832	42.886	ng	99
31) Naphthalene	10.587	128	1954746	42.366	ng	100
32) Benzoic acid	9.910	122	394151m	45.501	ng	
33) 4-Chloroaniline	10.716	127	306640	16.214	ng	98
34) Hexachlorobutadiene	10.869	225	513285	43.740	ng	99
35) Caprolactam	11.510	113	167178	37.787	ng	96
36) 4-Chloro-3-methylphenol	11.857	107	576231	41.105	ng	99
37) 2-Methylnaphthalene	12.204	142	1271852	41.115	ng	100
38) 1-Methylnaphthalene	12.422	142	1327396	40.548	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	870924	45.834	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1147740	98.838	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	549841	45.622	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050143.D
 Acq On : 08 May 2025 12:39
 Operator : RC/JU
 Sample : PB167889BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167889BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/09/2025
 Supervised By :Jagrut Upadhyay 05/09/2025

Quant Time: May 08 13:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	594889	45.773	ng	98
46) 1,1'-Biphenyl	13.216	154	1813471	44.444	ng	99
47) 2-Chloronaphthalene	13.263	162	1442235	44.629	ng	100
48) 2-Nitroaniline	13.480	65	346667	45.707	ng	99
49) Acenaphthylene	14.110	152	2217366	43.518	ng	100
50) Dimethylphthalate	13.851	163	1687386	42.064	ng	99
51) 2,6-Dinitrotoluene	13.975	165	364981	43.944	ng	99
52) Acenaphthene	14.451	154	1280948	43.432	ng	99
53) 3-Nitroaniline	14.316	138	187182	23.606	ng	98
54) 2,4-Dinitrophenol	14.533	184	430670	80.951	ng	98
55) Dibenzofuran	14.792	168	2092337	42.639	ng	99
56) 4-Nitrophenol	14.663	139	485201	75.484	ng	99
57) 2,4-Dinitrotoluene	14.775	165	497539	43.352	ng	97
58) Fluorene	15.439	166	1702697	42.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	482259	42.868	ng	99
60) Diethylphthalate	15.216	149	1537382	40.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	942516	42.723	ng	99
62) 4-Nitroaniline	15.480	138	285268	37.288	ng	97
63) Azobenzene	15.727	77	1345417	42.471	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279844	45.488	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1392965	46.156	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542393	45.638	ng	98
68) Hexachlorobenzene	16.451	284	625015	45.623	ng	97
69) Atrazine	16.610	200	478867	43.989	ng	100
70) Pentachlorophenol	16.804	266	748706	97.091	ng	99
71) Phenanthrene	17.180	178	2456477	44.316	ng	100
72) Anthracene	17.274	178	2500364	44.573	ng	100
73) Carbazole	17.551	167	2142721	44.019	ng	99
74) Di-n-butylphthalate	18.104	149	2500884	43.142	ng	100
75) Fluoranthene	19.204	202	2767529	42.525	ng	100
77) Benzidine	19.392	184	926472	30.033	ng	99
78) Pyrene	19.568	202	2838617	46.545	ng	100
80) Butylbenzylphthalate	20.462	149	1034547	45.291	ng	97
81) Benzo(a)anthracene	21.368	228	2693046	45.030	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	571243	24.952	ng	99
83) Chrysene	21.427	228	2451903	44.297	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1507874	44.196	ng	99
85) Di-n-octyl phthalate	22.403	149	2495544	44.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3344168	50.211	ng	100
88) Benzo(b)fluoranthene	23.433	252	2565912	44.142	ng	100
89) Benzo(k)fluoranthene	23.492	252	2534162	43.098	ng	100
90) Benzo(a)pyrene	24.239	252	2428116	44.598	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2734690	50.370	ng	99
92) Benzo(g,h,i)perylene	28.821	276	2620801	50.422	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050143.D
 Acq On : 08 May 2025 12:39
 Operator : RC/JU
 Sample : PB167889BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

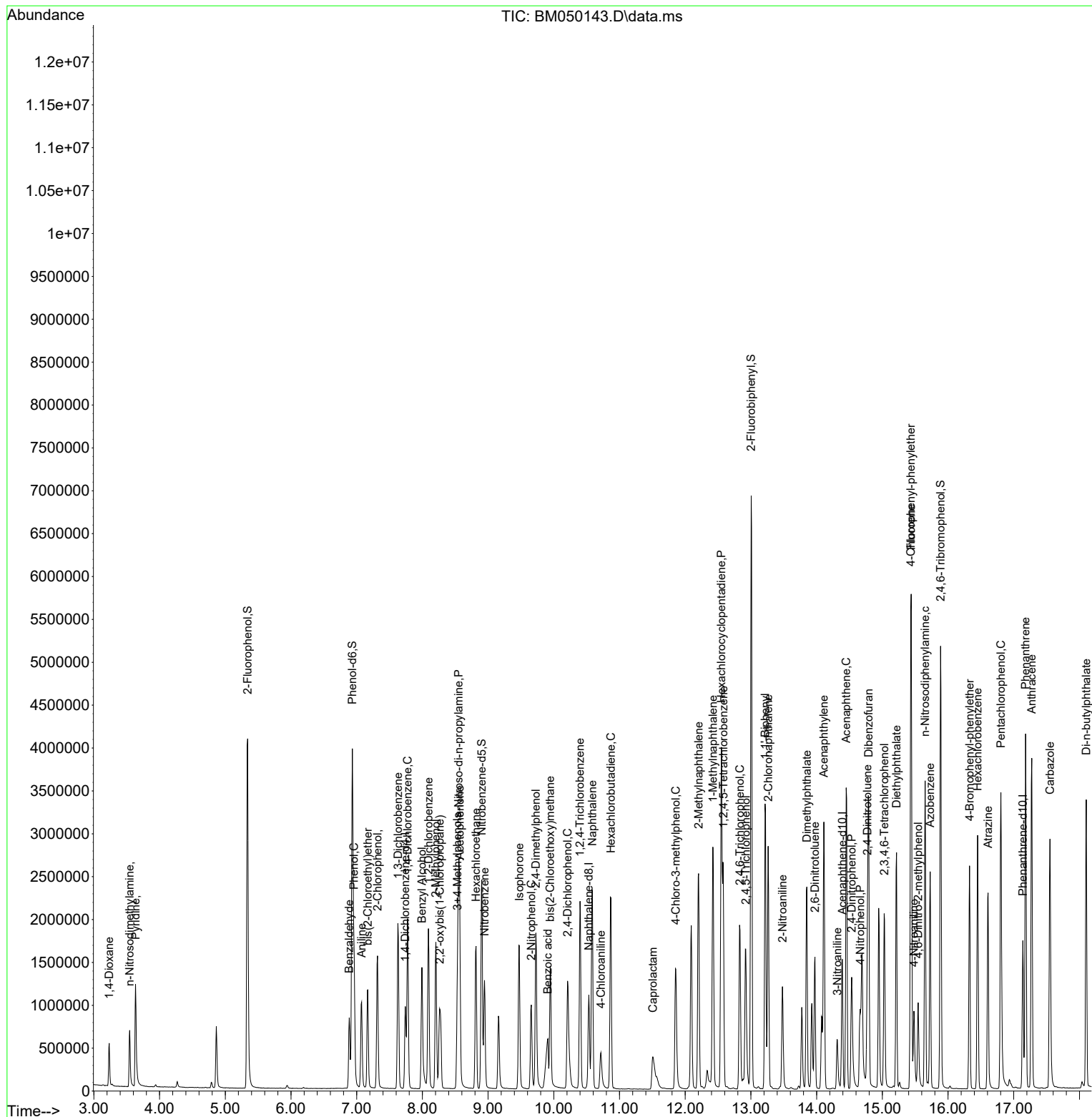
PB167889BSD

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 05/09/2025

Supervised By :Jagrut Upadhyay 05/09/2025

Quant Time: May 08 13:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration



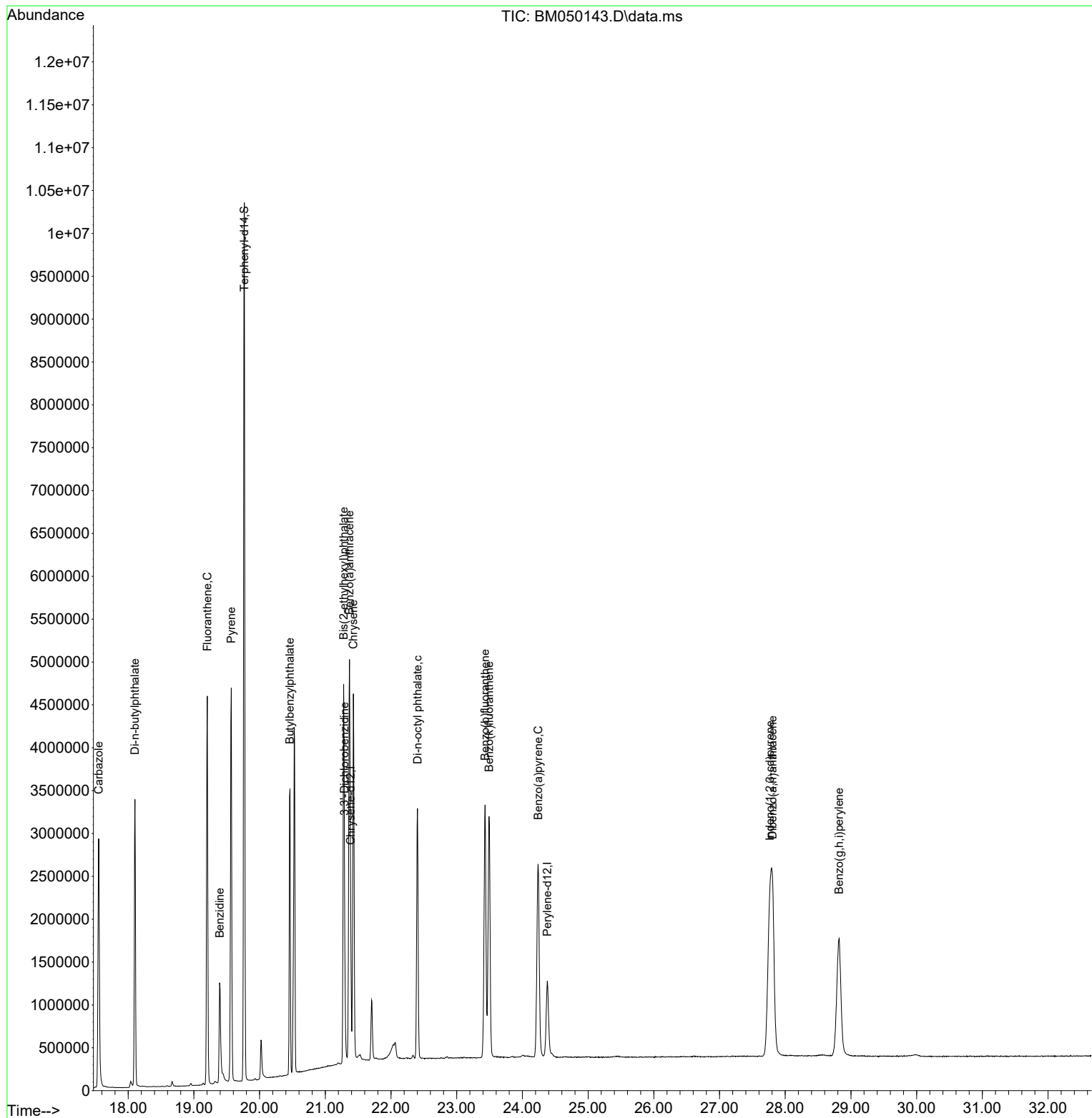
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

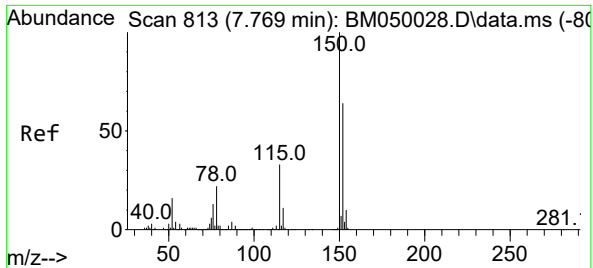
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

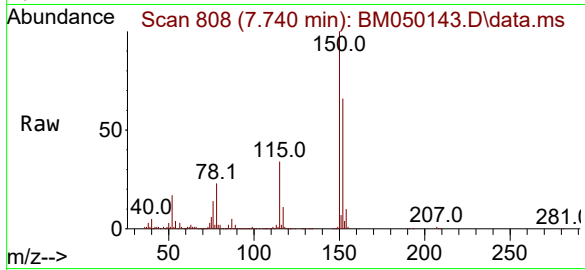
Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

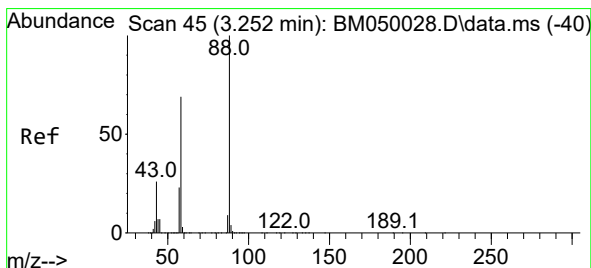
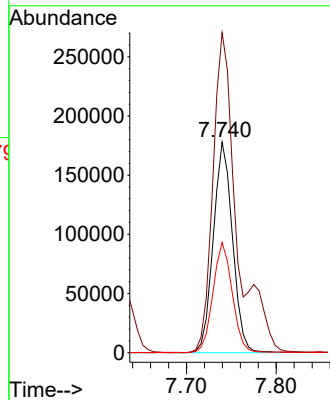
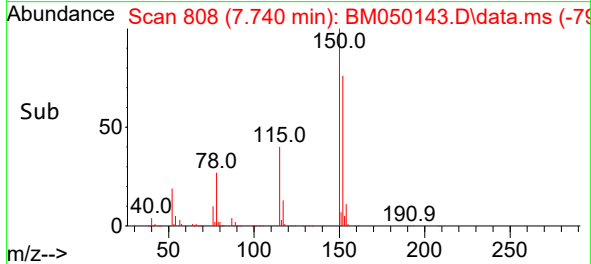
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:152 Resp: 264340
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 52.4 41.2 61.8

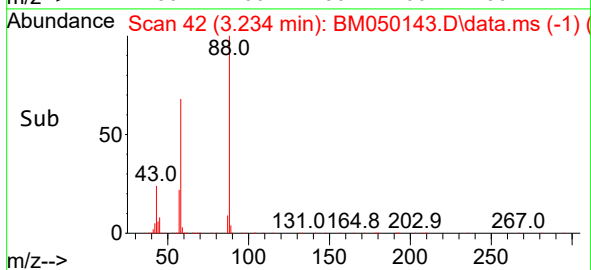
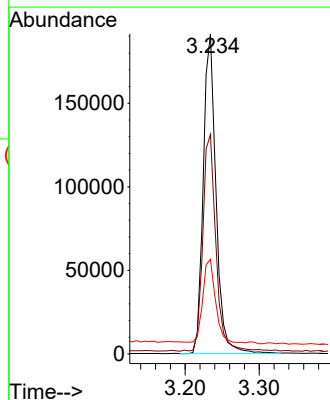
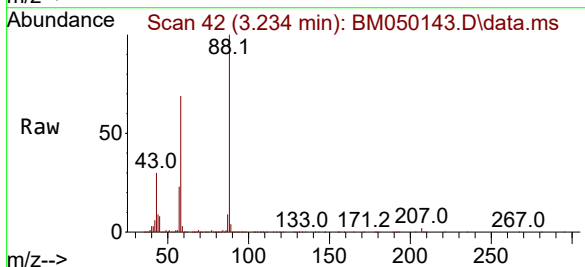
Manual Integrations
APPROVED

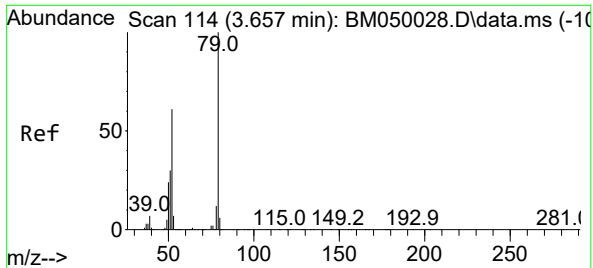
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#2
1,4-Dioxane
Concen: 35.570 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

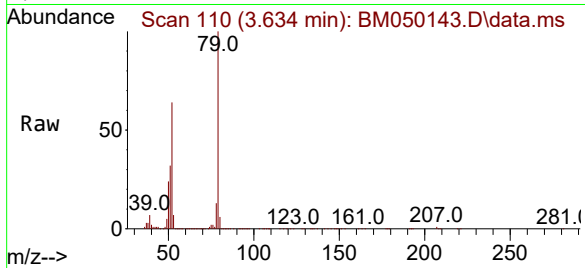
Tgt Ion: 88 Resp: 230236
Ion Ratio Lower Upper
88 100
58 69.6 55.1 82.7
43 25.9 20.9 31.3





#3
Pyridine
Concen: 37.969 ng
RT: 3.634 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

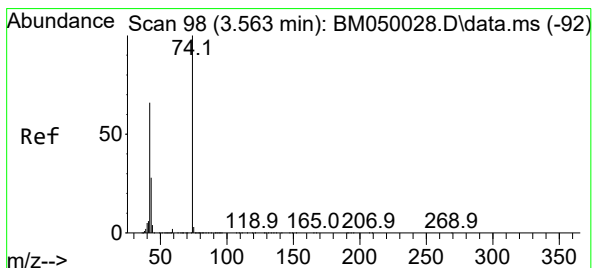
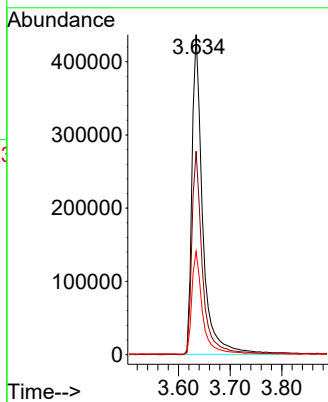
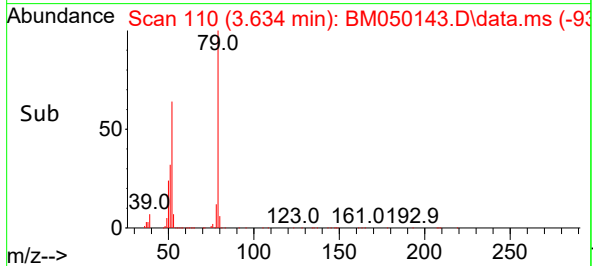
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion: 79 Resp: 63145
Ion Ratio Lower Upper
79 100
52 63.5 48.6 72.8
51 32.3 24.6 37.0

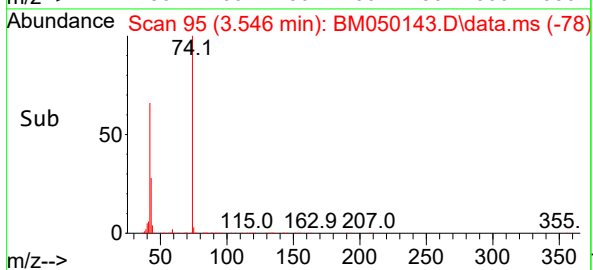
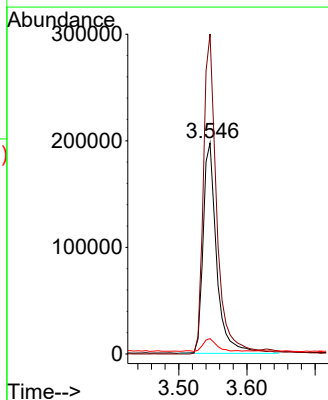
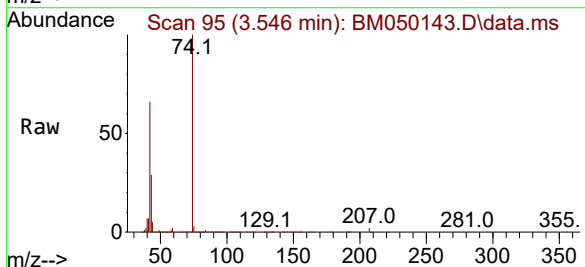
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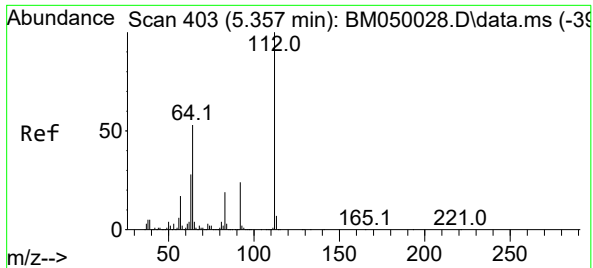
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#4
n-Nitrosodimethylamine
Concen: 41.833 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

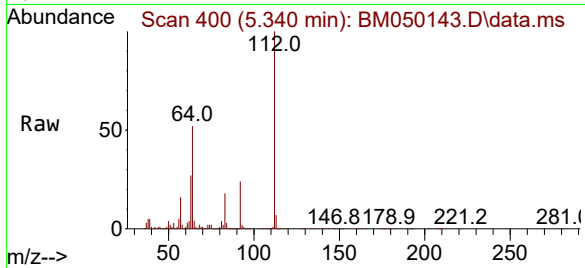
Tgt Ion: 42 Resp: 272864
Ion Ratio Lower Upper
42 100
74 151.7 120.2 180.2
44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 133.939 ng
RT: 5.340 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

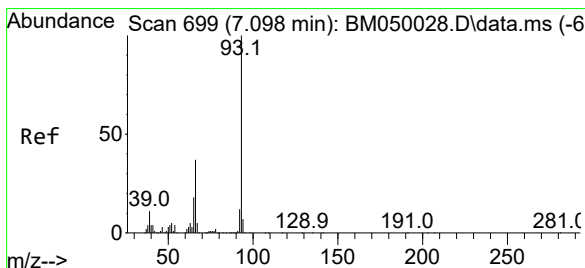
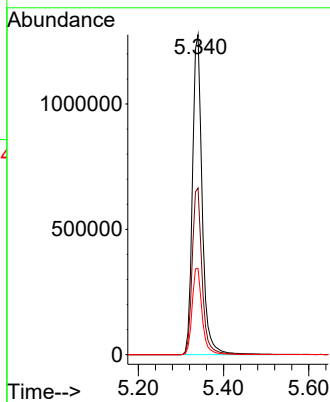
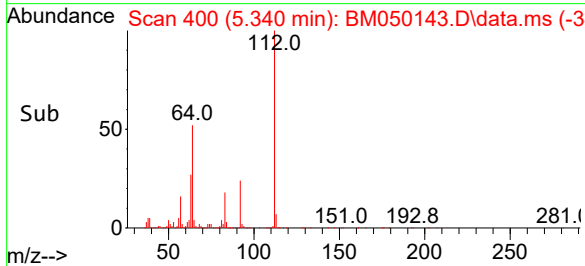
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:112 Resp: 2021970
Ion Ratio Lower Upper
112 100
64 52.1 42.6 64.0
63 27.0 22.2 33.4

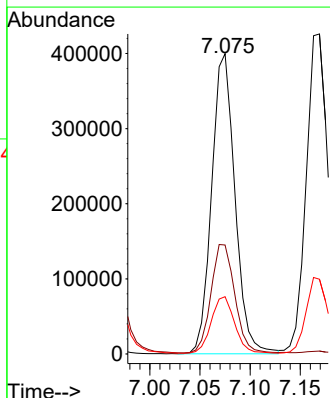
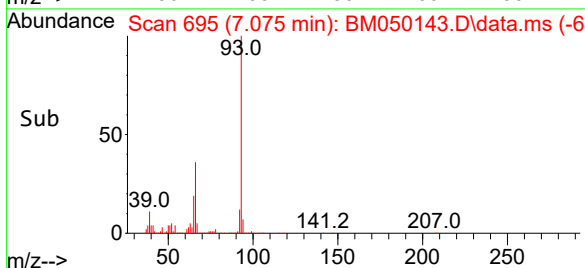
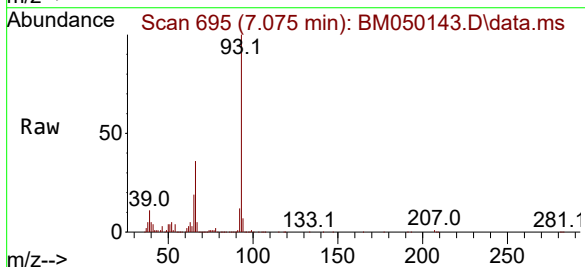
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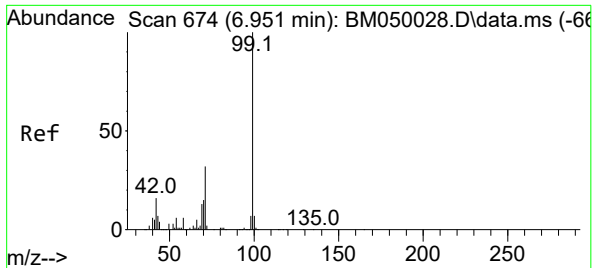
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#6
Aniline
Concen: 26.980 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 93 Resp: 646417
Ion Ratio Lower Upper
93 100
66 36.3 29.9 44.9
65 19.1 14.5 21.7





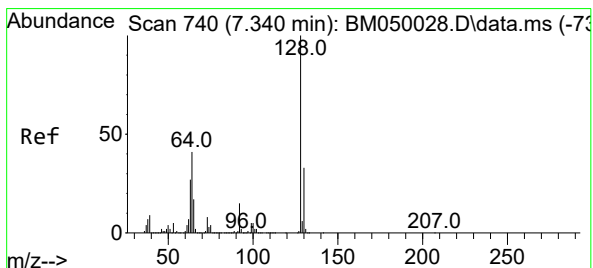
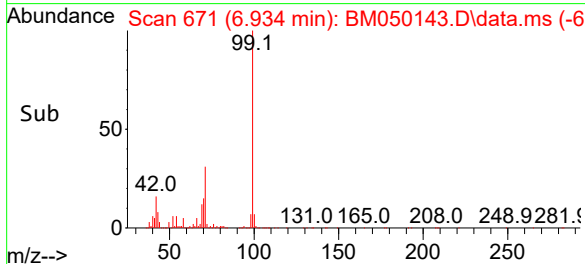
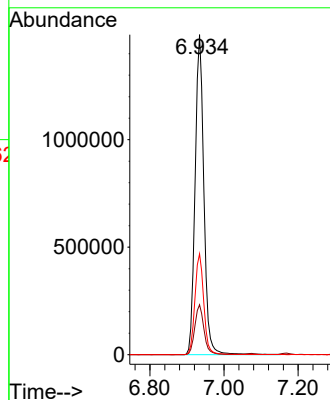
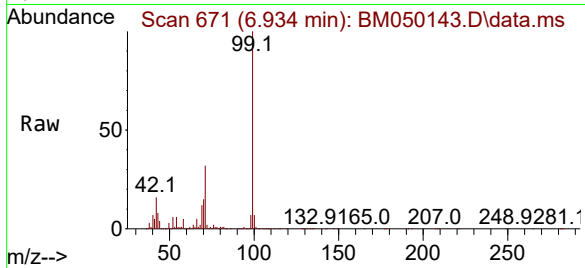
#7
Phenol-d6
Concen: 129.267 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Tgt Ion: 99 Resp: 245272
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.5 25.6 38.4

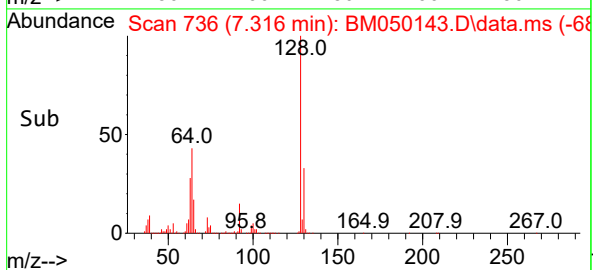
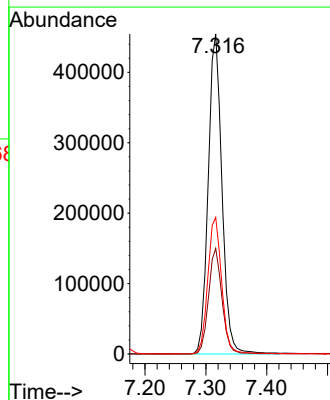
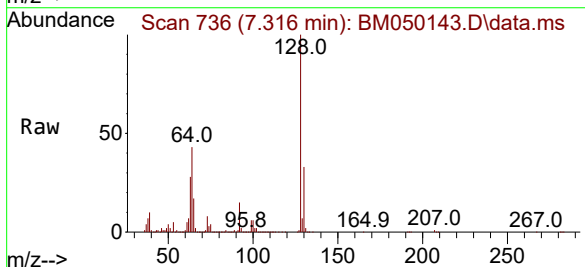
Manual Integrations
APPROVED

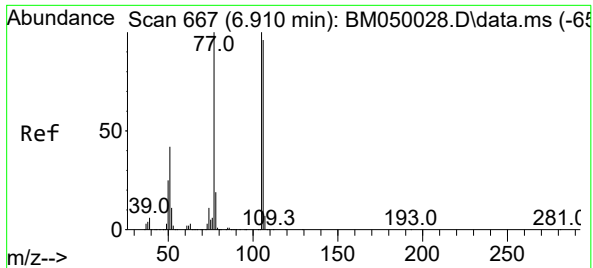
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#8
2-Chlorophenol
Concen: 43.699 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

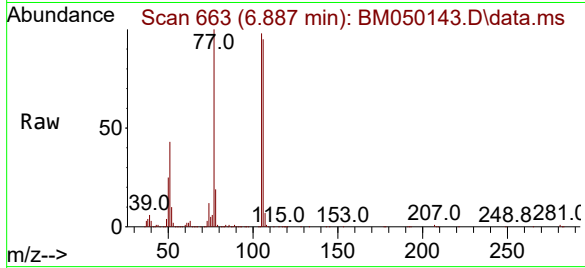
Tgt Ion:128 Resp: 713271
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 42.7 21.2 61.2





#9
Benzaldehyde
Concen: 23.171 ng
RT: 6.887 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

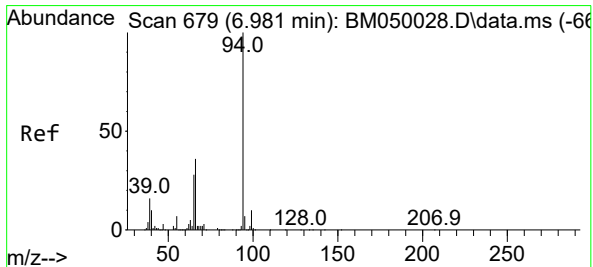
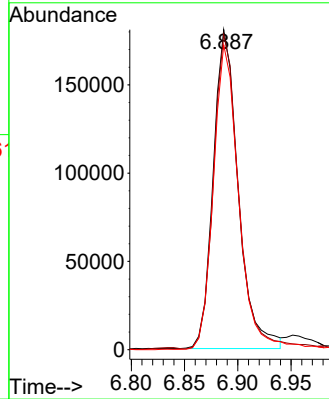
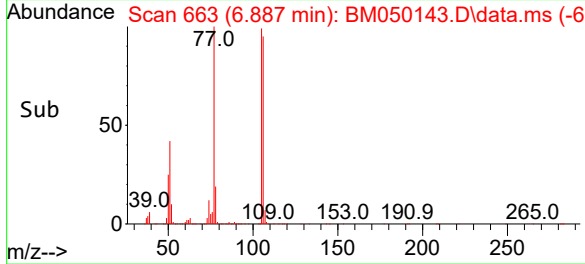
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion: 77 Resp: 294210
Ion Ratio Lower Upper
77 100
105 98.5 80.5 120.5
106 95.2 76.1 116.1

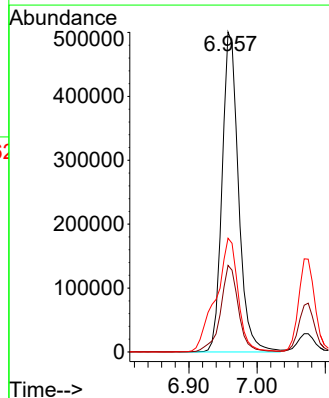
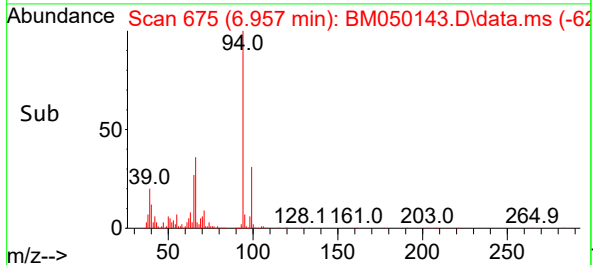
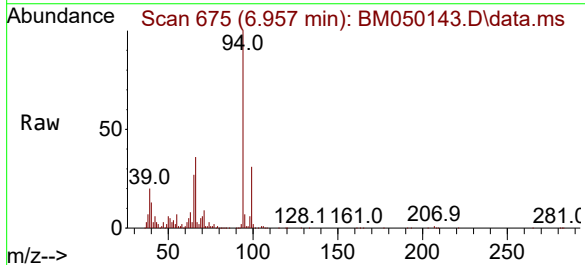
Manual Integrations
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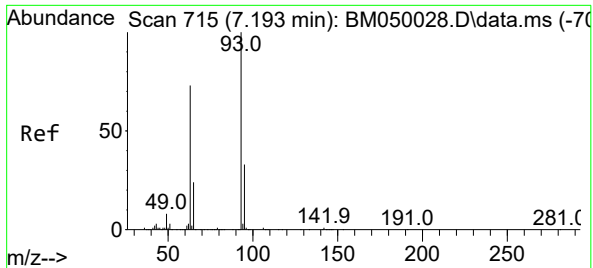
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#10
Phenol
Concen: 43.662 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 94 Resp: 838666
Ion Ratio Lower Upper
94 100
65 27.1 7.6 47.6
66 35.6 15.8 55.8





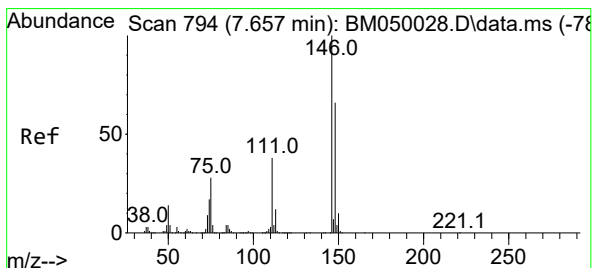
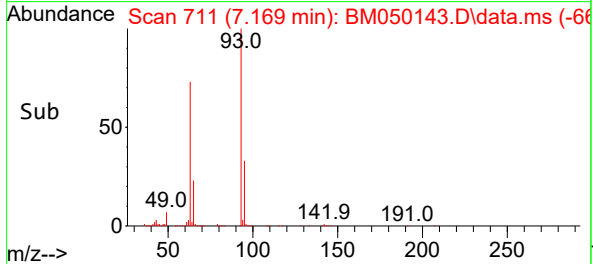
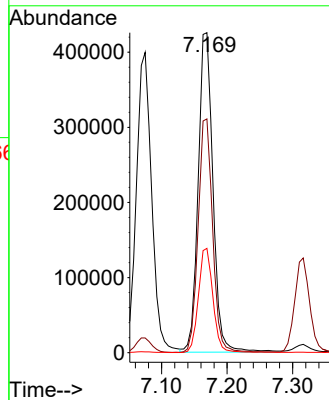
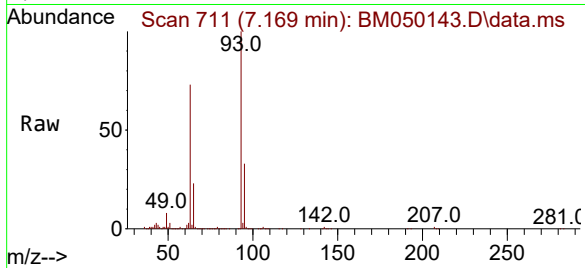
#11
bis(2-Chloroethyl)ether
Concen: 41.719 ng
RT: 7.169 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Tgt Ion: 93 Resp: 66913
Ion Ratio Lower Upper
93 100
63 73.0 52.3 92.3
95 32.6 12.8 52.8

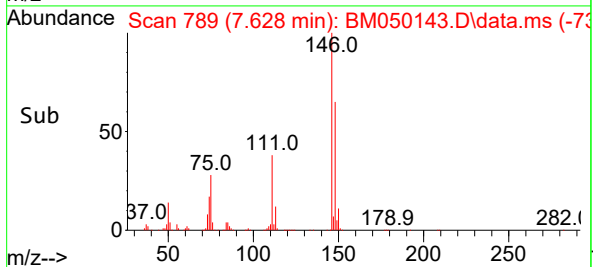
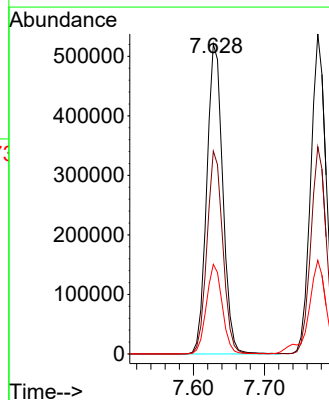
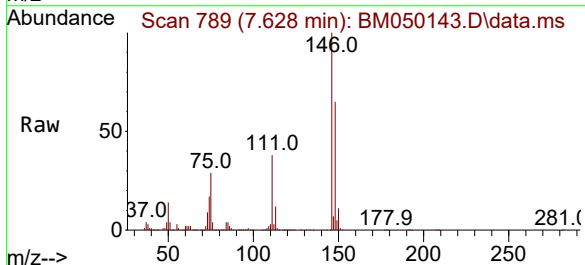
Manual Integrations
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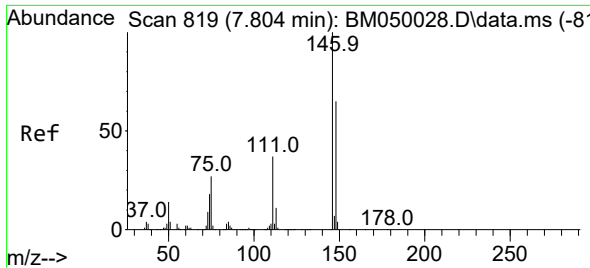
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#12
1,3-Dichlorobenzene
Concen: 41.424 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

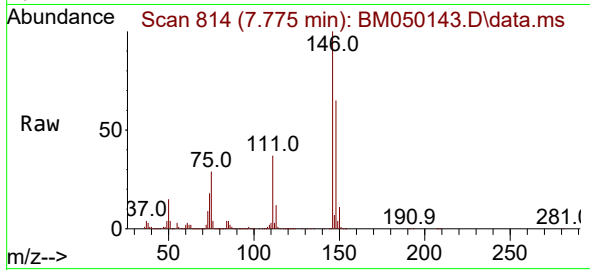
Tgt Ion:146 Resp: 816752
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 28.9 22.6 34.0





#13
1,4-Dichlorobenzene
Concen: 41.470 ng
RT: 7.775 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

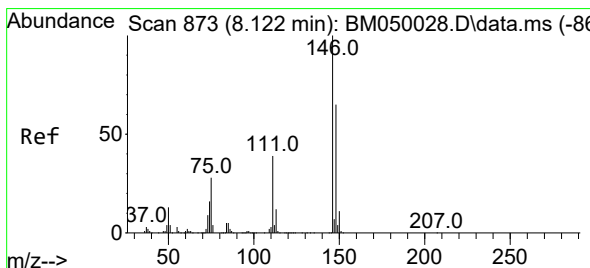
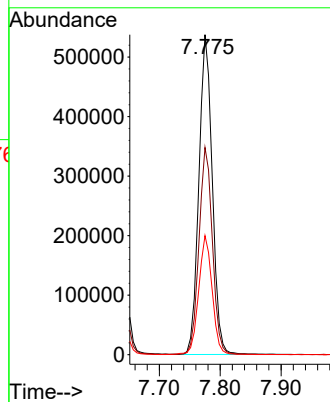
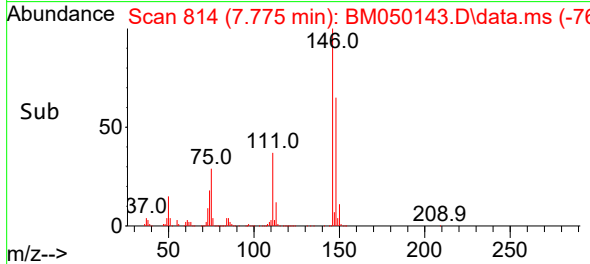
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



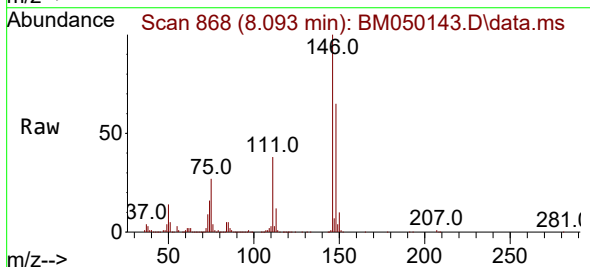
Tgt Ion:146 Resp: 82143
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 37.2 29.3 43.9

Manual Integrations
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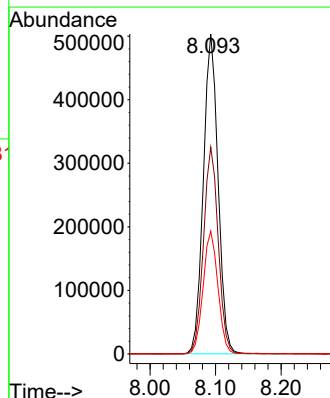
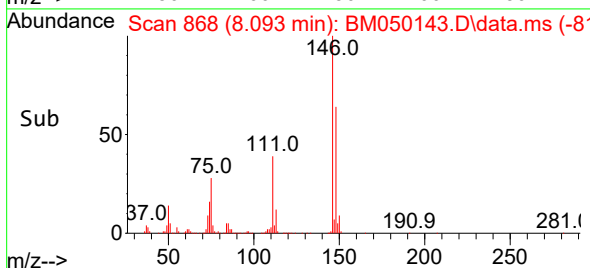
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

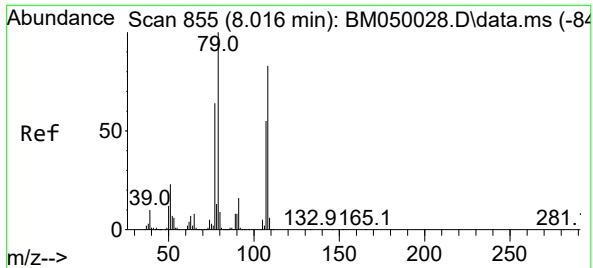


#14
1,2-Dichlorobenzene
Concen: 41.208 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



Tgt Ion:146 Resp: 788459
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 38.4 31.0 46.6





#15

Benzyl Alcohol

Concen: 42.504 ng

RT: 7.993 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM050143.D

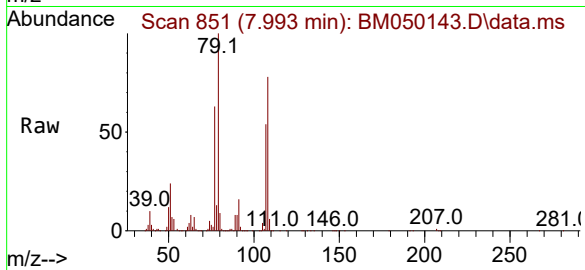
Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD



Tgt Ion: 79 Resp: 559284

Ion Ratio Lower Upper

79 100

108 77.9 66.0 99.0

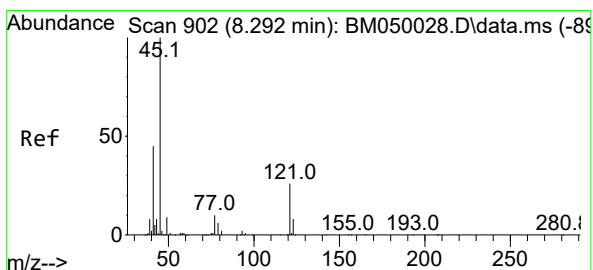
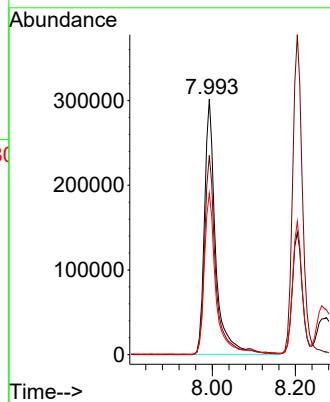
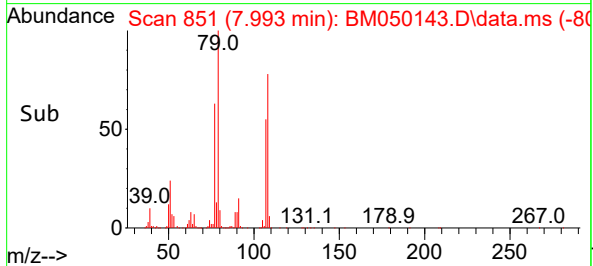
77 63.1 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/09/2025

Supervised By :Jagrut Upadhyay 05/09/2025



#16

2,2'-oxybis(1-Chloropropane)

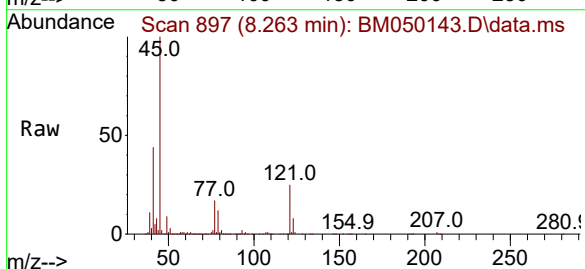
Concen: 41.593 ng

RT: 8.263 min Scan# 897

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39



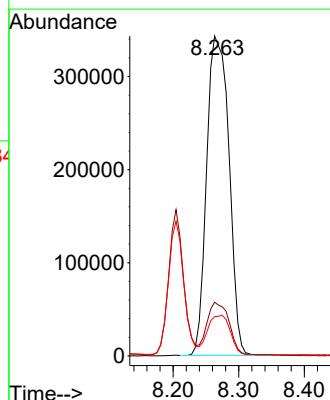
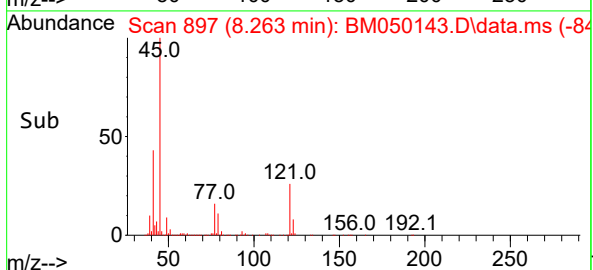
Tgt Ion: 45 Resp: 810918

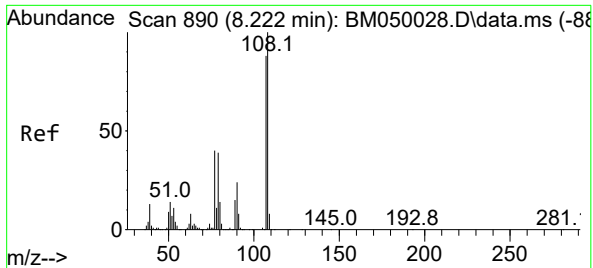
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.4

79 12.3 0.0 32.7





#17

2-Methylphenol

Concen: 42.691 ng

RT: 8.204 min Scan# 887

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

Tgt Ion:107 Resp: 54020

Ion Ratio Lower Upper

107 100

108 114.4 91.1 136.7

77 47.5 36.2 54.4

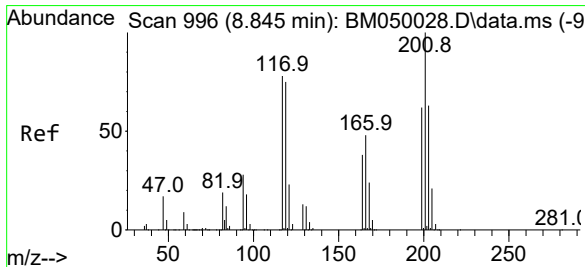
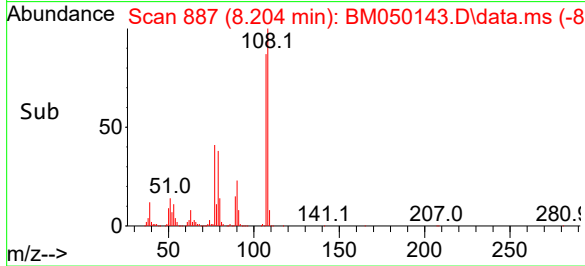
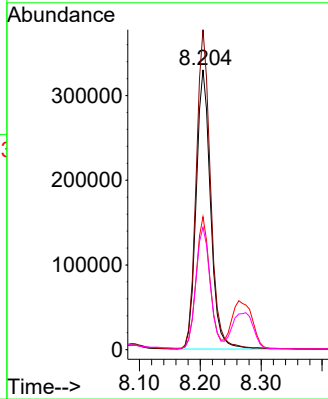
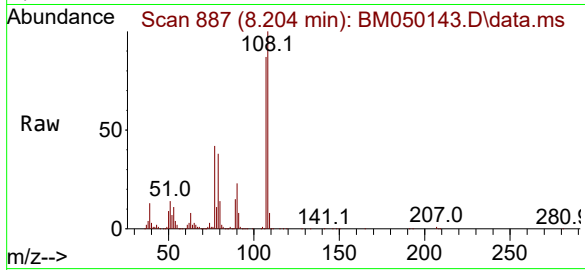
79 43.7 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/09/2025

Supervised By :Jagrut Upadhyay 05/09/2025



#18

Hexachloroethane

Concen: 41.677 ng

RT: 8.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

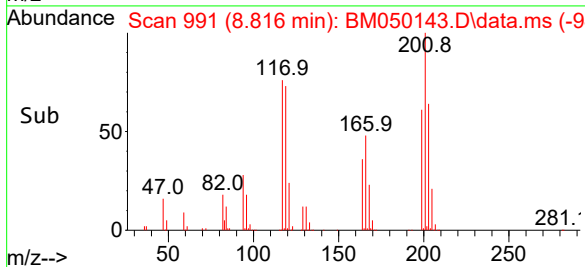
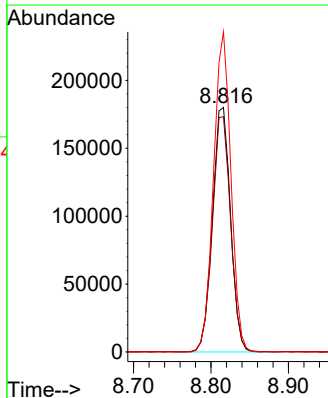
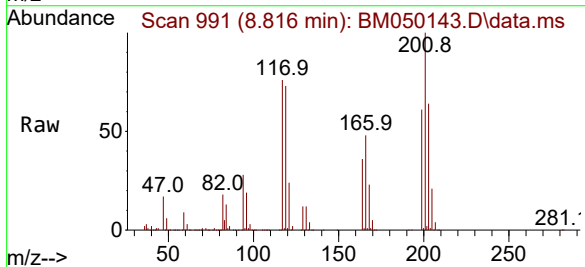
Tgt Ion:117 Resp: 293460

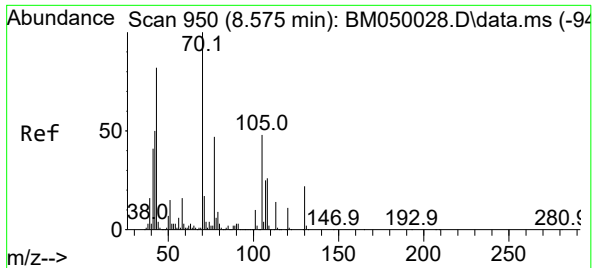
Ion Ratio Lower Upper

117 100

119 96.2 77.3 115.9

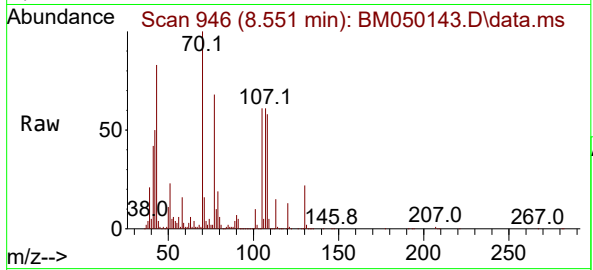
201 130.9 102.8 154.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.172 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

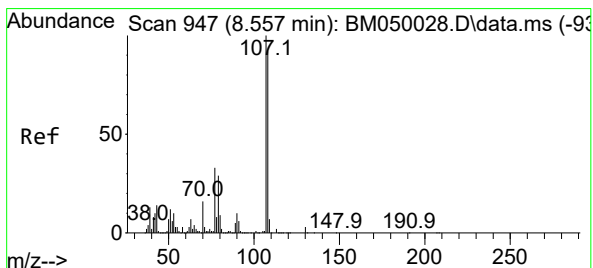
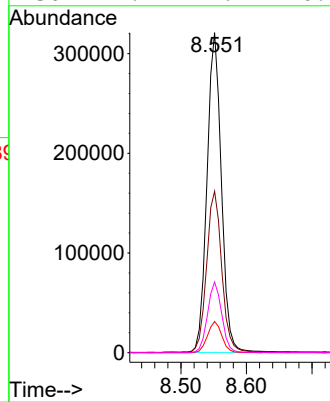
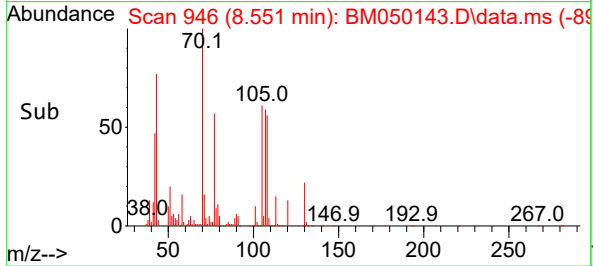
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



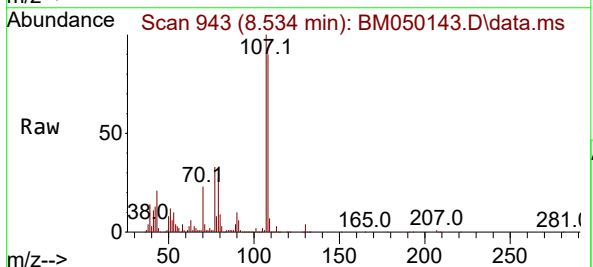
Tgt Ion: 70 Resp: 48885
Ion Ratio Lower Upper
70 100
42 50.4 40.5 60.7
101 9.7 7.8 11.6
130 22.1 17.4 26.2

Manual Integrations
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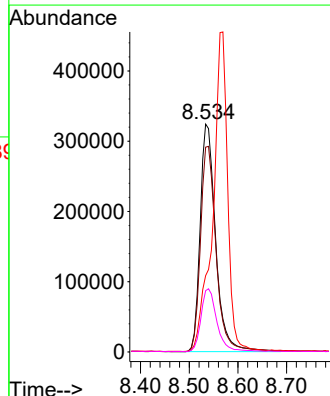
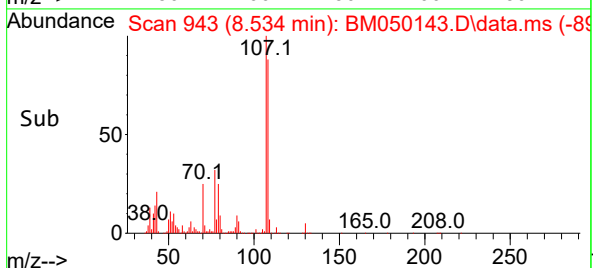
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

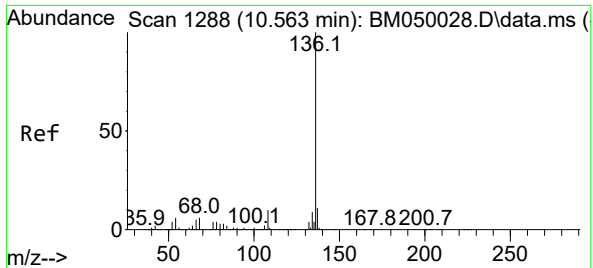


#20
3+4-Methylphenols
Concen: 42.007 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



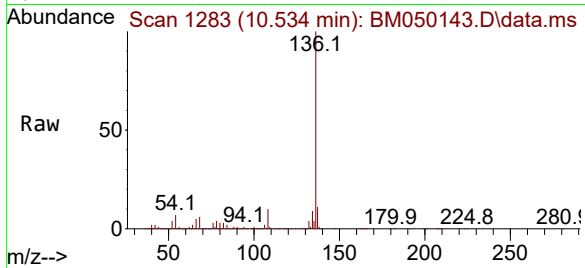
Tgt Ion:107 Resp: 717828
Ion Ratio Lower Upper
107 100
108 89.9 72.4 112.4
77 33.5 13.6 53.6
79 26.9 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

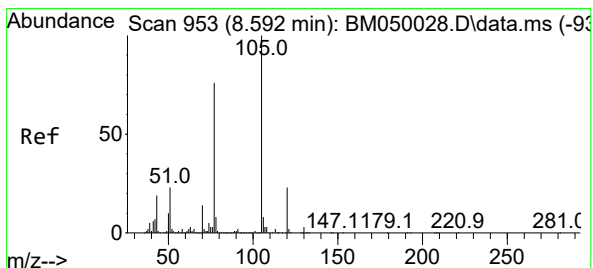
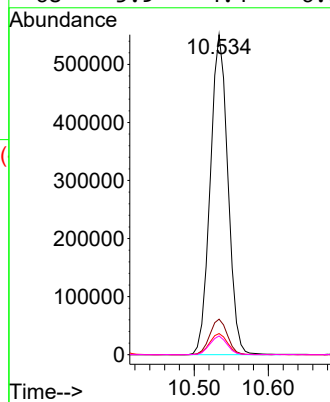
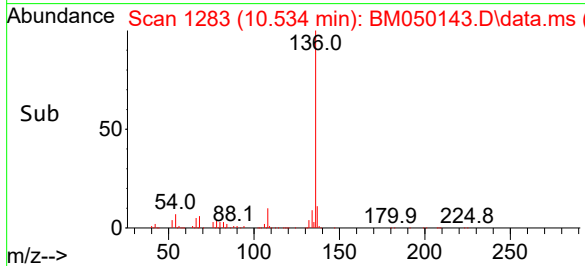
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



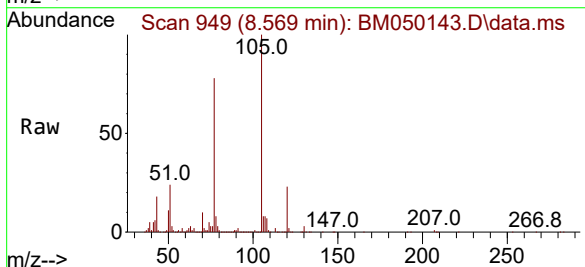
Tgt Ion:136 Resp: 911070
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.6 5.1 7.7
68 5.9 4.4 6.6

Manual Integrations
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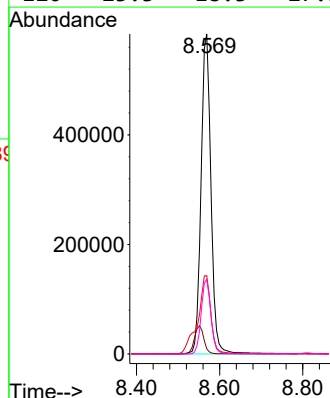
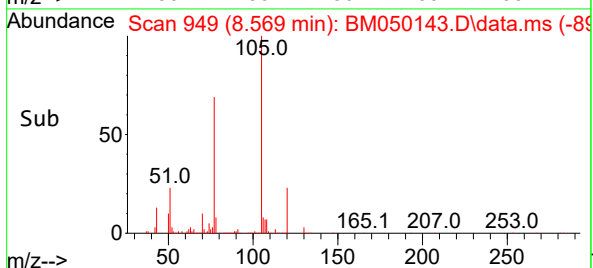
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

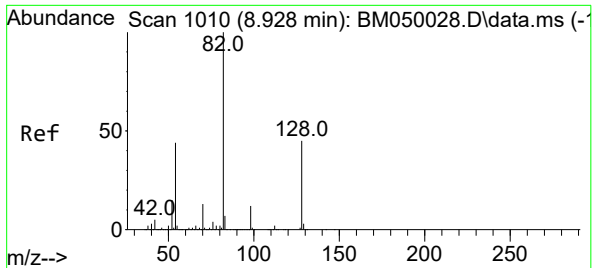


#22
Acetophenone
Concen: 42.801 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



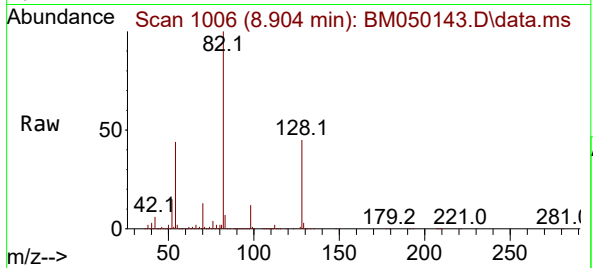
Tgt Ion:105 Resp: 969487
Ion Ratio Lower Upper
105 100
71 1.6 1.7 2.5#
51 24.5 18.6 27.8
120 23.3 18.3 27.5





#23
Nitrobenzene-d5
Concen: 78.347 ng
RT: 8.904 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

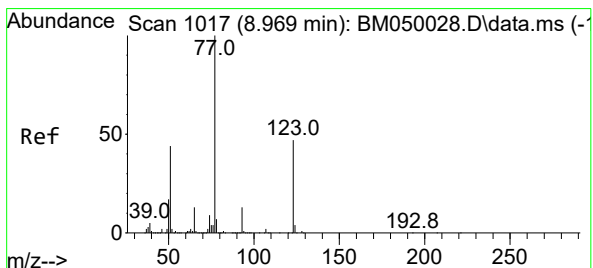
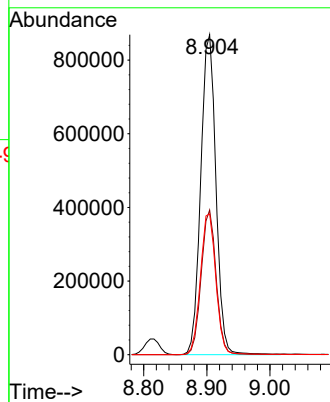
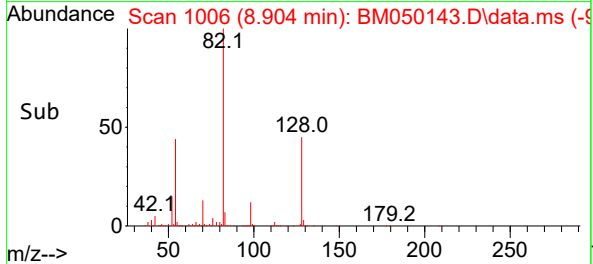
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion: 82 Resp: 144855
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.0 35.4 53.2

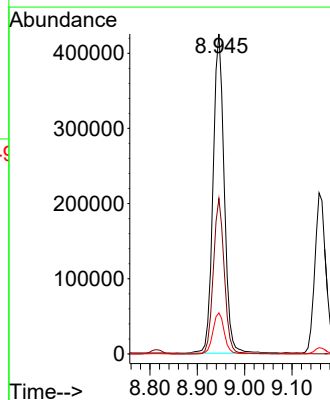
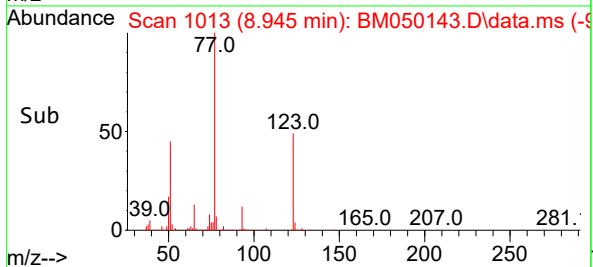
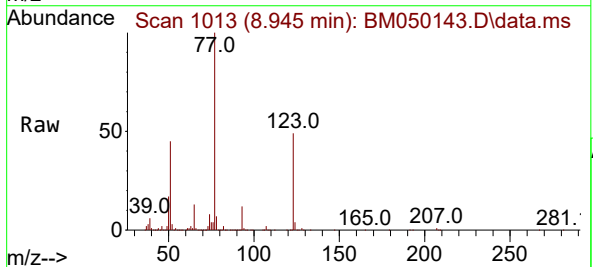
Manual Integrations
APPROVED

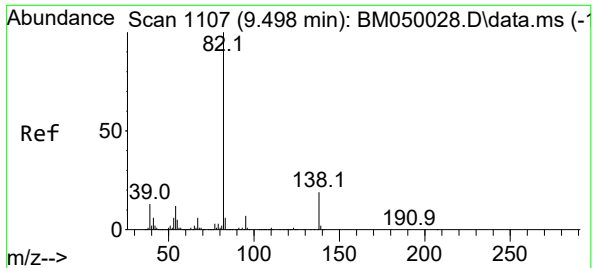
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#24
Nitrobenzene
Concen: 43.509 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

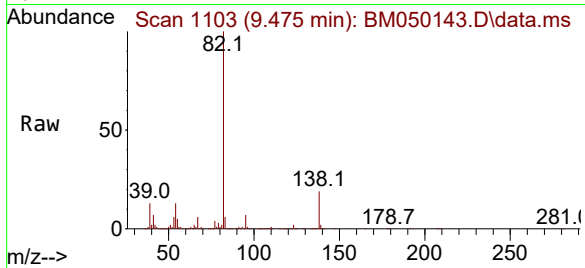
Tgt Ion: 77 Resp: 695574
Ion Ratio Lower Upper
77 100
123 48.6 37.9 56.9
65 12.9 10.1 15.1





#25
Isophorone
Concen: 40.932 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

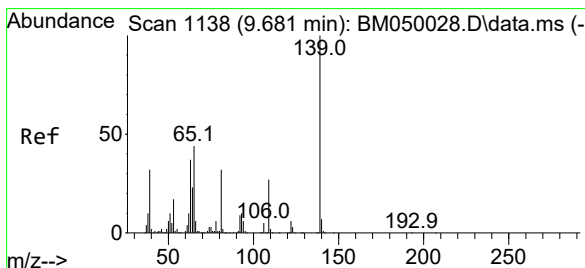
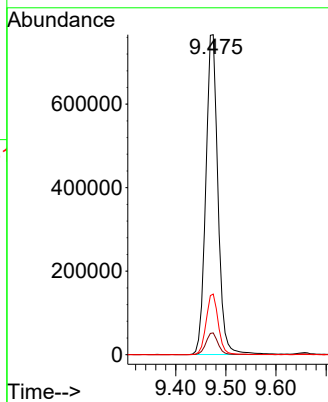
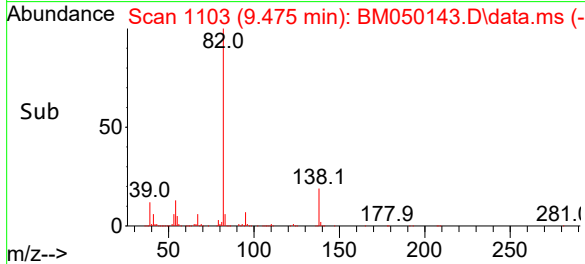
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion: 82 Resp: 1290030
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.0 15.5 23.3

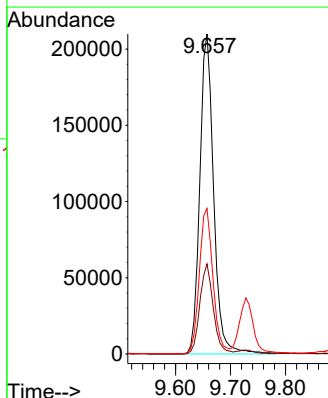
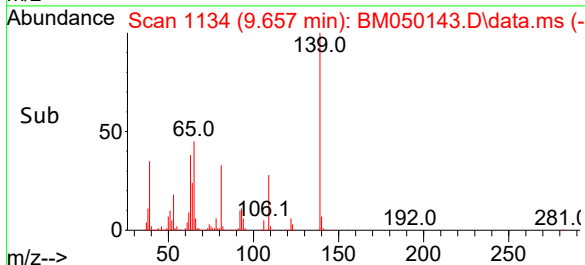
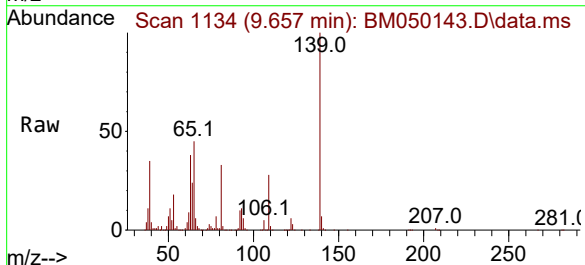
Manual Integrations
APPROVED

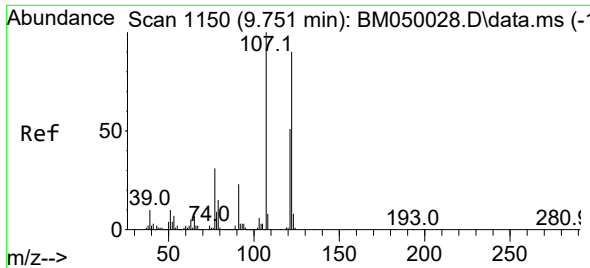
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#26
2-Nitrophenol
Concen: 44.974 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

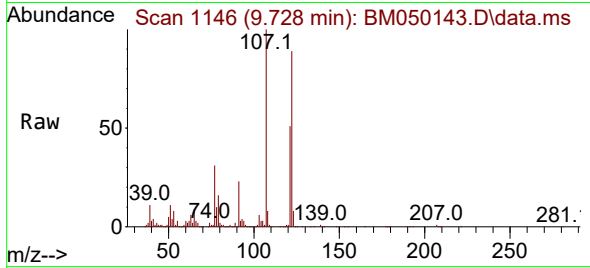
Tgt Ion:139 Resp: 367311
Ion Ratio Lower Upper
139 100
109 28.1 21.9 32.9
65 45.5 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 43.965 ng
RT: 9.728 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

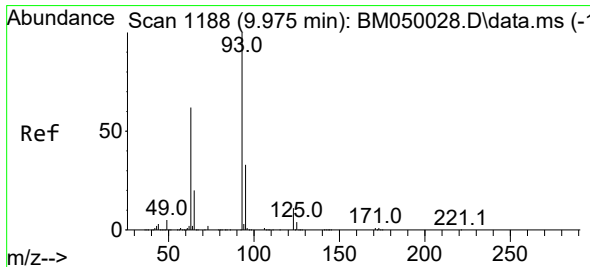
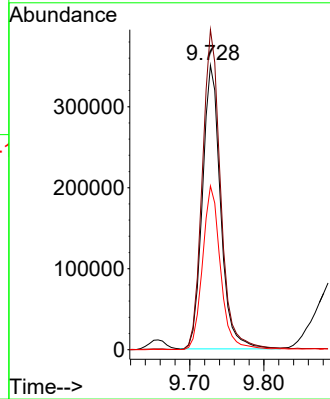
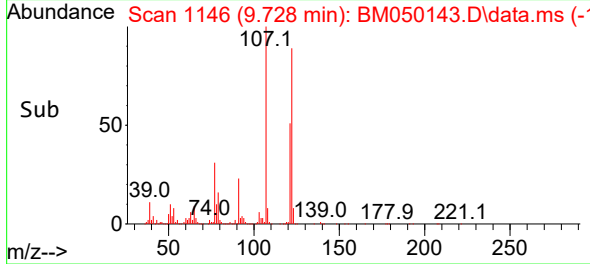
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:122 Resp: 59547
Ion Ratio Lower Upper
122 100
107 112.5 89.0 133.6
121 57.6 45.6 68.4

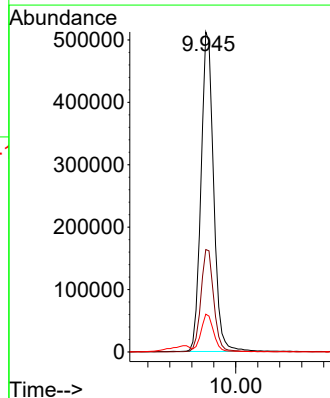
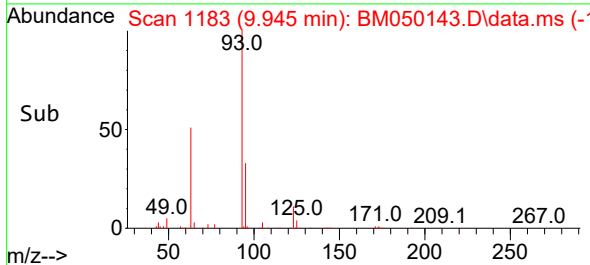
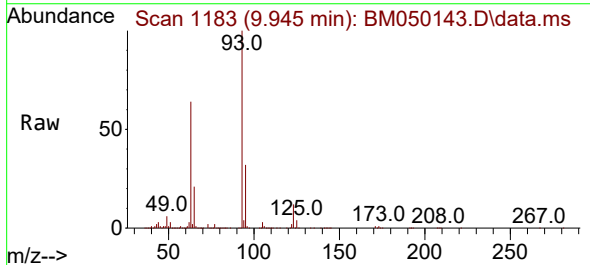
Manual Integrations
APPROVED

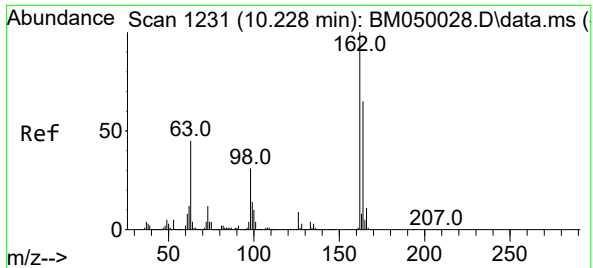
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.952 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

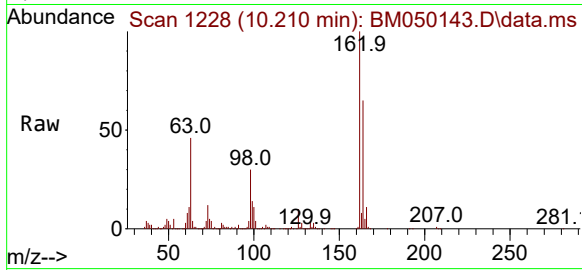
Tgt Ion: 93 Resp: 817207
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.8 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 44.457 ng
RT: 10.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

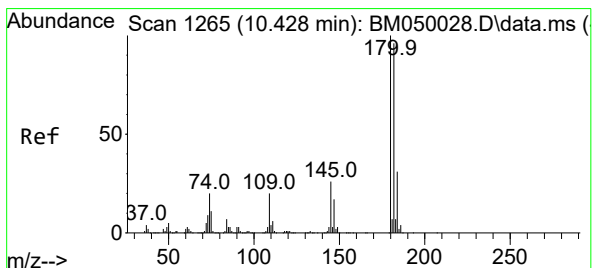
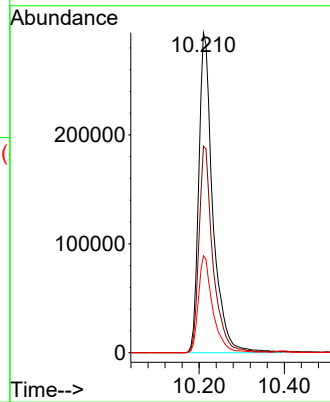
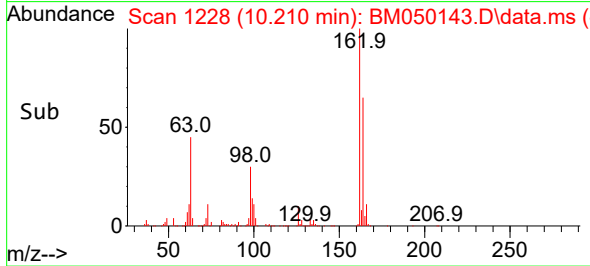
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:162 Resp: 67456
Ion Ratio Lower Upper
162 100
164 64.5 45.4 85.4
98 30.3 11.3 51.3

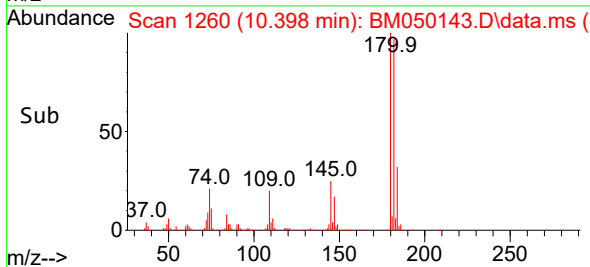
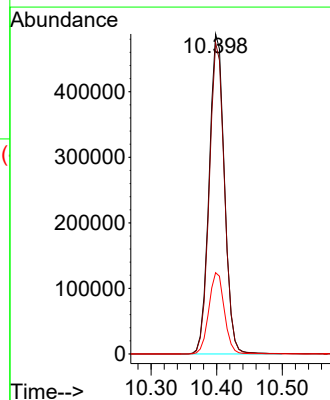
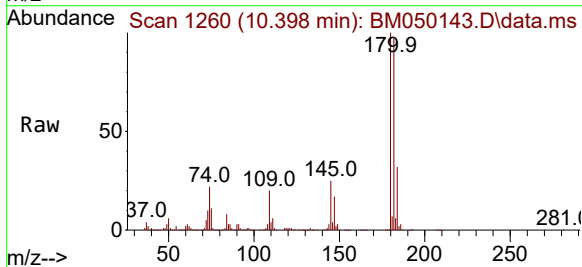
Manual Integrations
APPROVED

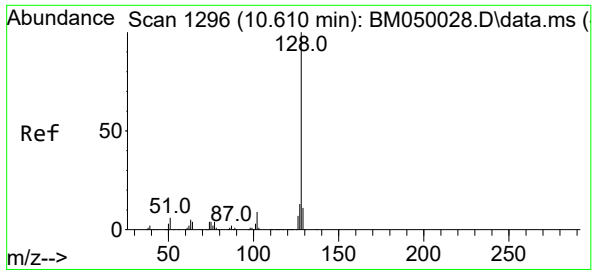
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.886 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

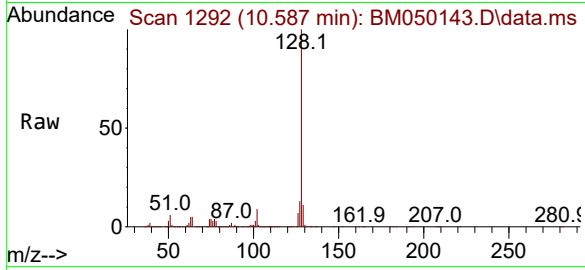
Tgt Ion:180 Resp: 792832
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.4
145 25.4 20.6 30.8





#31
Naphthalene
Concen: 42.366 ng
RT: 10.587 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

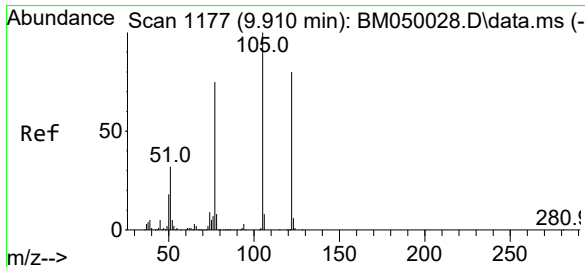
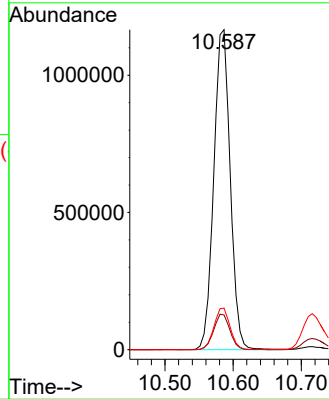
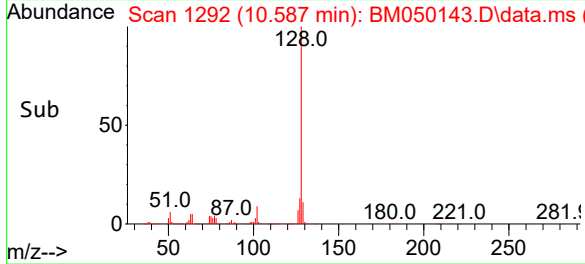
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:128 Resp: 1954740
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.4 15.6

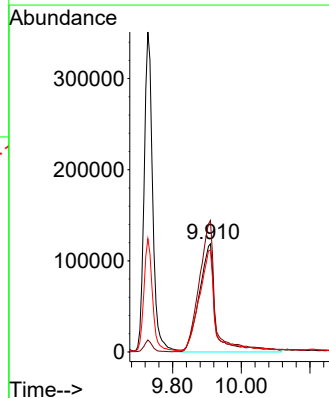
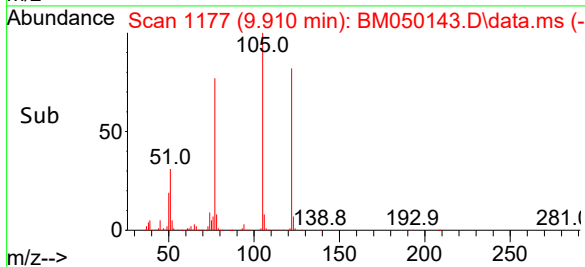
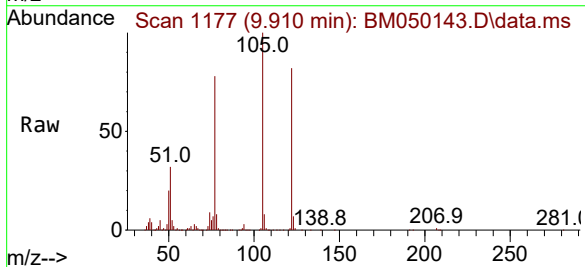
Manual Integrations
APPROVED

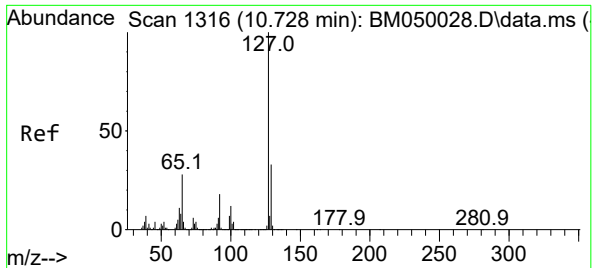
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#32
Benzoic acid
Concen: 45.501 ng m
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

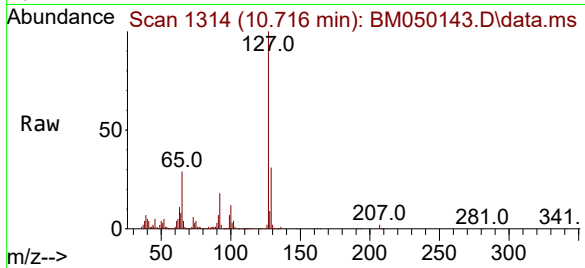
Tgt Ion:122 Resp: 394151
Ion Ratio Lower Upper
122 100
105 121.5 103.6 143.6
77 94.3 73.7 113.7





#33
4-Chloroaniline
Concen: 16.214 ng
RT: 10.716 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

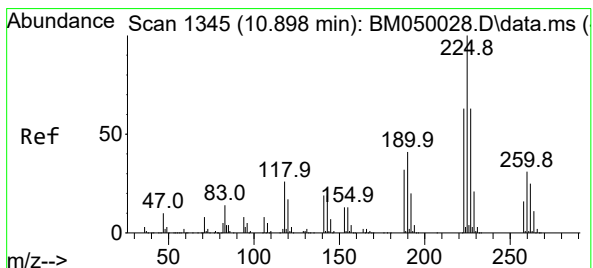
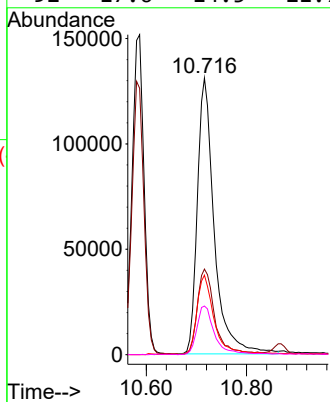
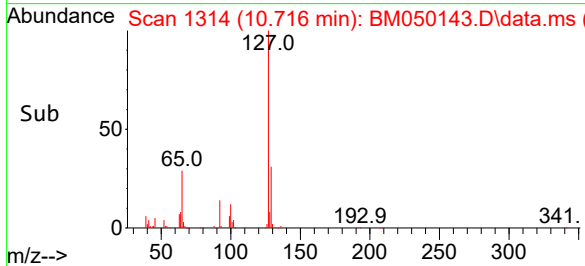
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:127 Resp: 306640
Ion Ratio Lower Upper
127 100
129 31.0 26.3 39.5
65 28.7 22.5 33.7
92 17.6 14.5 21.7

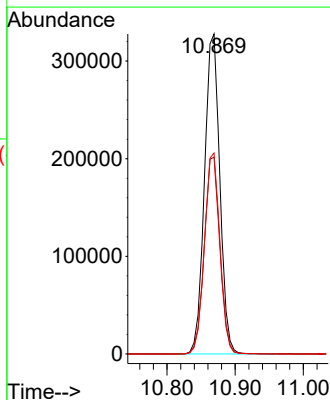
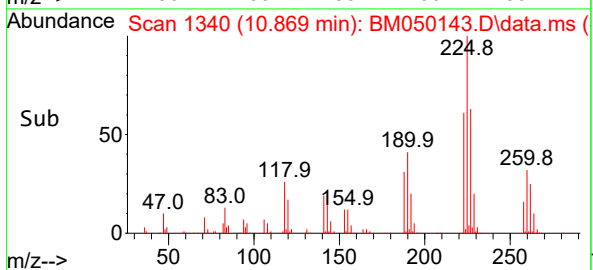
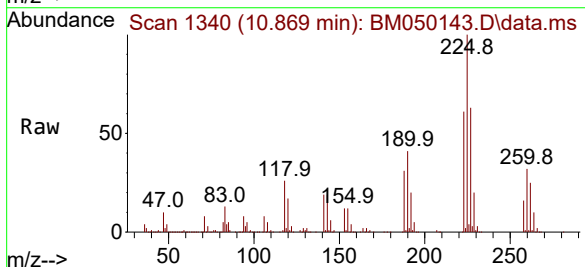
Manual Integrations
APPROVED

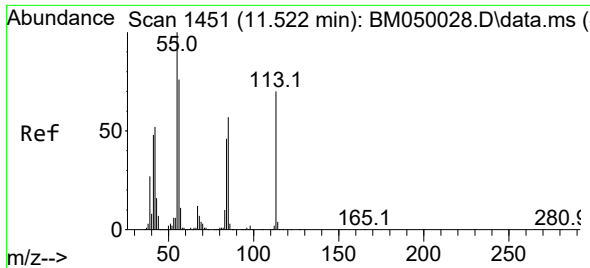
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#34
Hexachlorobutadiene
Concen: 43.740 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

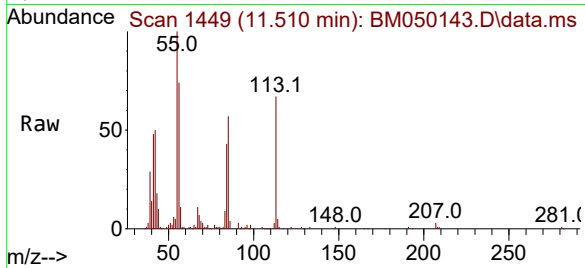
Tgt Ion:225 Resp: 513285
Ion Ratio Lower Upper
225 100
223 61.5 50.2 75.2
227 62.8 50.6 76.0





#35
Caprolactam
Concen: 37.787 ng
RT: 11.510 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

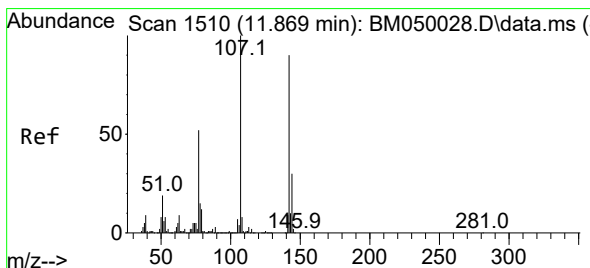
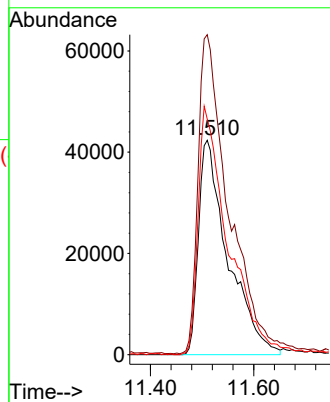
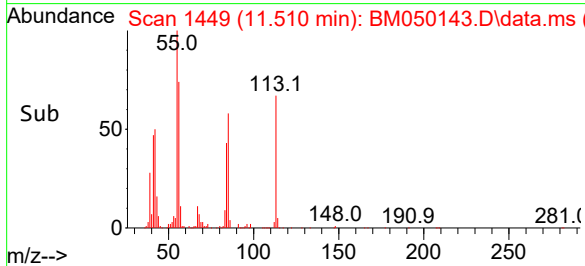
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:113 Resp: 167178
Ion Ratio Lower Upper
113 100
55 149.3 122.9 162.9
56 110.0 88.1 128.1

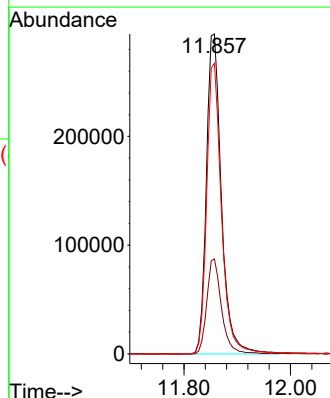
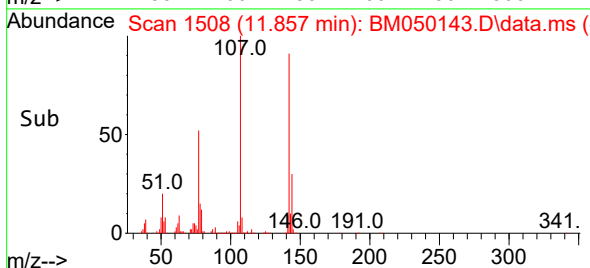
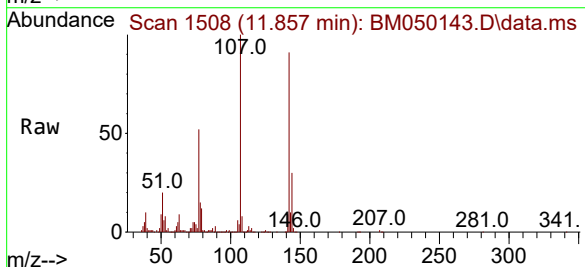
Manual Integrations
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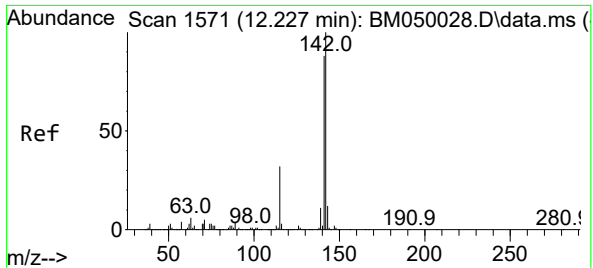
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#36
4-Chloro-3-methylphenol
Concen: 41.105 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

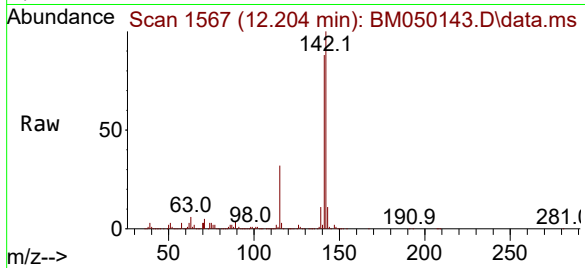
Tgt Ion:107 Resp: 576231
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 90.8 71.9 107.9





#37
2-Methylnaphthalene
Concen: 41.115 ng
RT: 12.204 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

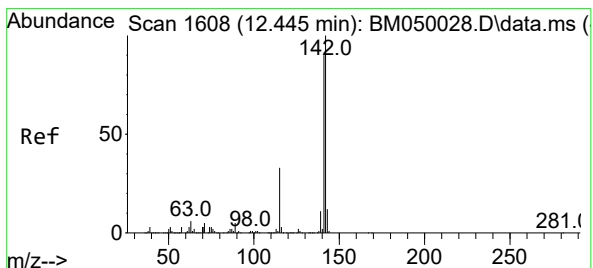
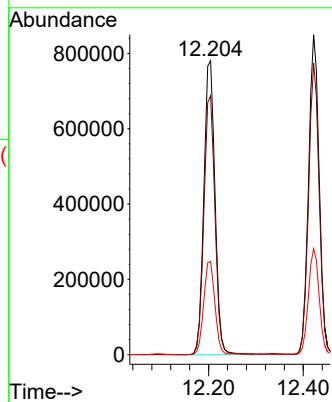
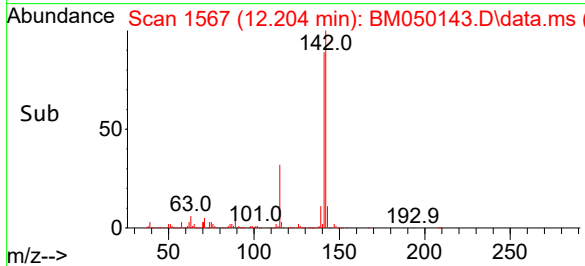
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:142 Resp: 1271852
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 31.7 25.4 38.2

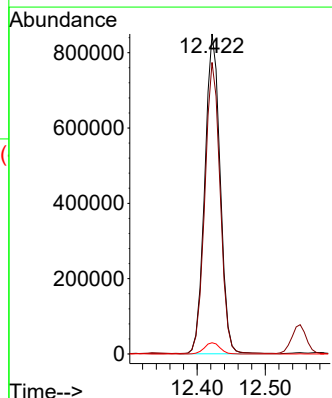
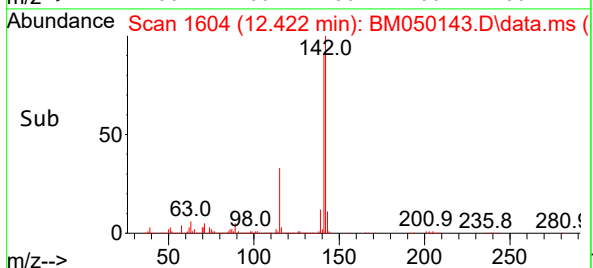
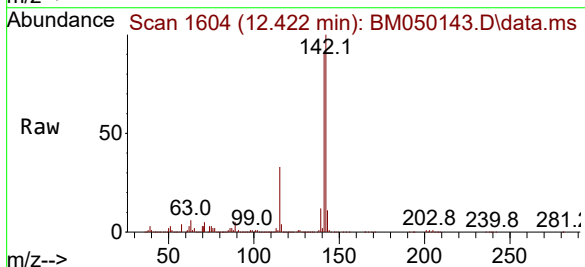
Manual Integrations
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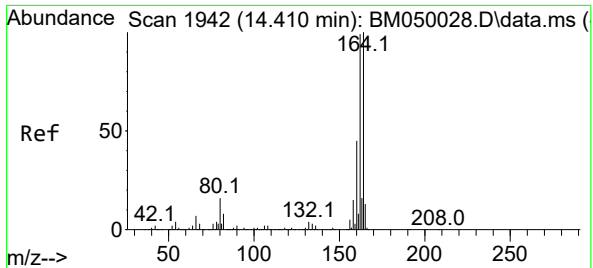
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#38
1-Methylnaphthalene
Concen: 40.548 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

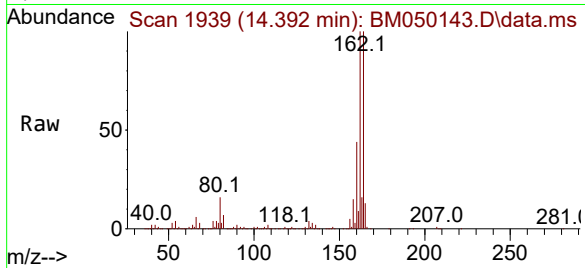
Tgt Ion:142 Resp: 1327396
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1
116 3.5 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

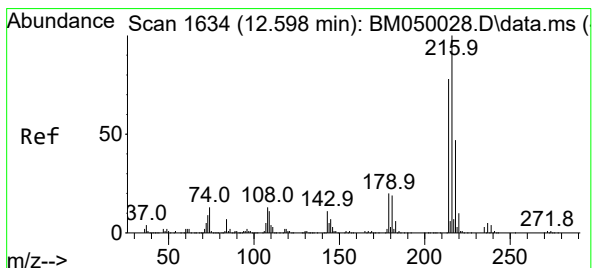
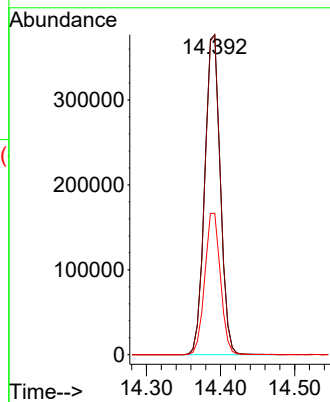
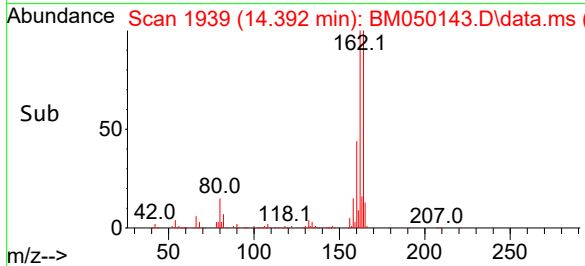
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:164 Resp: 548910
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.2 36.2 54.4

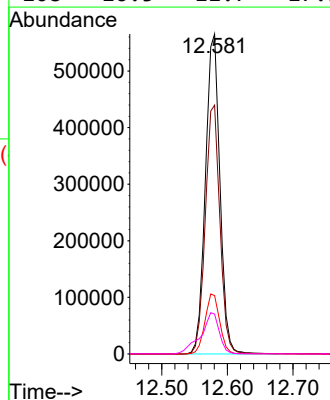
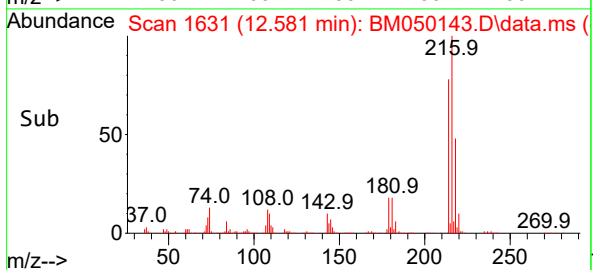
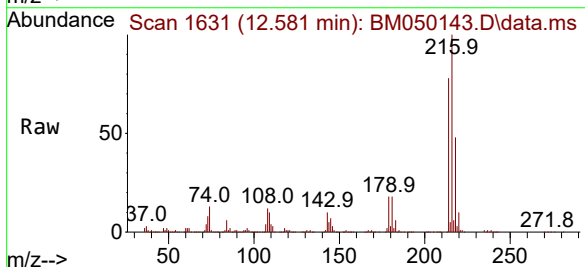
Manual Integrations
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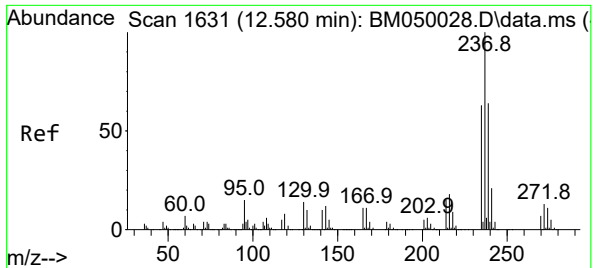
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.834 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

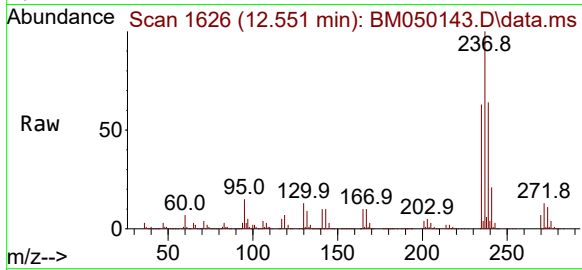
Tgt Ion:216 Resp: 870924
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 19.1 15.4 23.0
108 16.5 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 98.838 ng
RT: 12.551 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

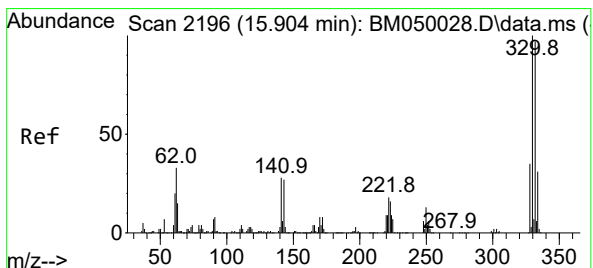
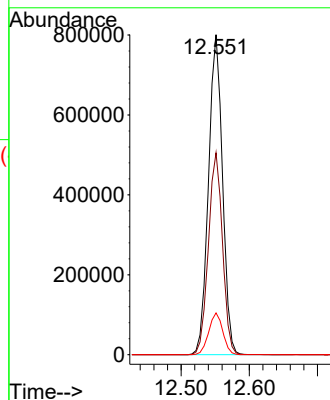
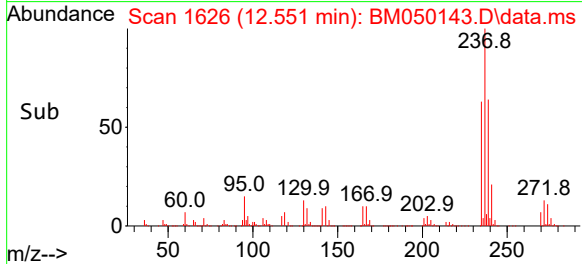
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:237 Resp: 1147740
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 13.0 0.0 32.9

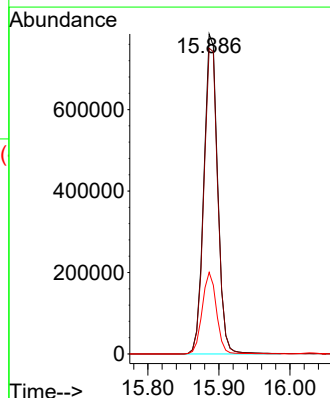
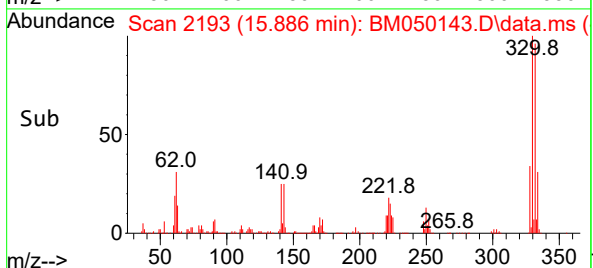
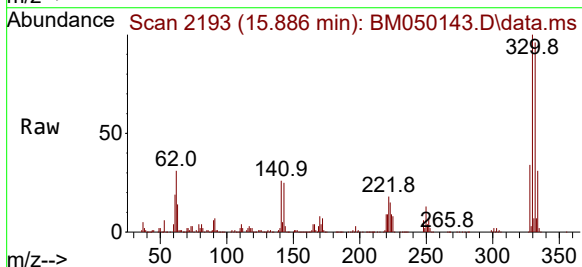
Manual Integrations
APPROVED

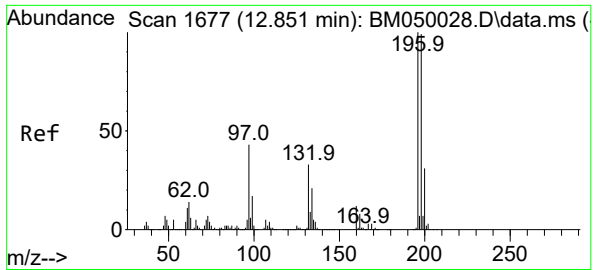
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#42
2,4,6-Tribromophenol
Concen: 131.029 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

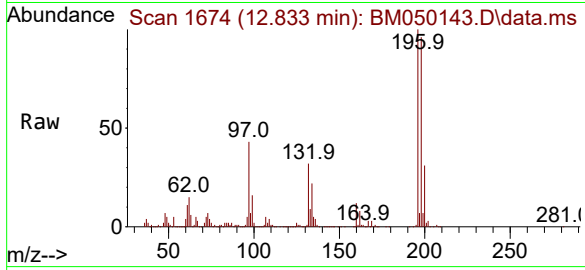
Tgt Ion:330 Resp: 1063477
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 26.5 22.5 33.7





#43
2,4,6-Trichlorophenol
Concen: 45.622 ng
RT: 12.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

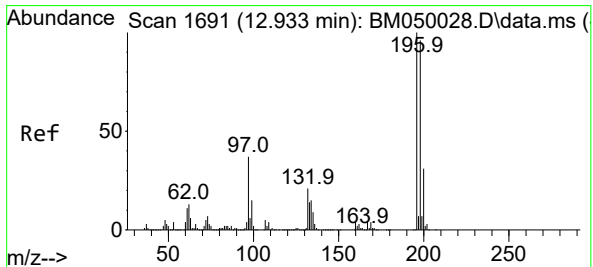
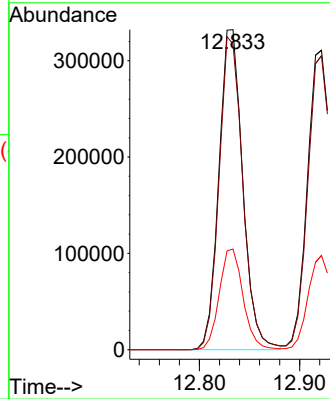
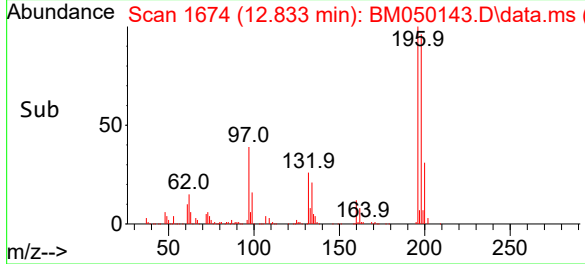
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:196 Resp: 54984
Ion Ratio Lower Upper
196 100
198 95.5 79.0 118.6
200 31.4 25.1 37.7

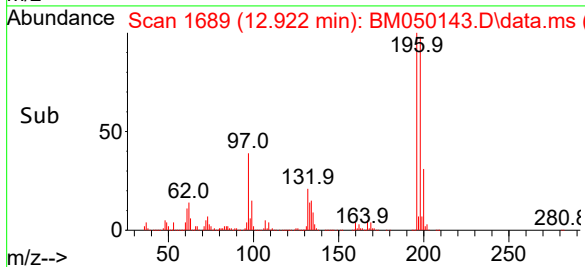
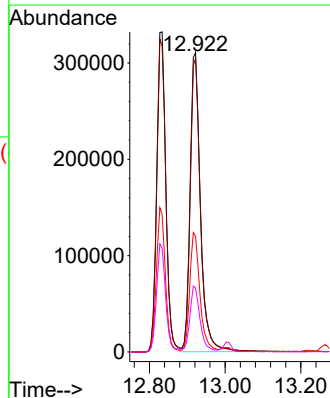
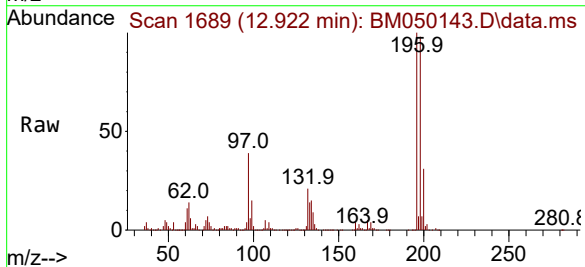
Manual Integrations
APPROVED

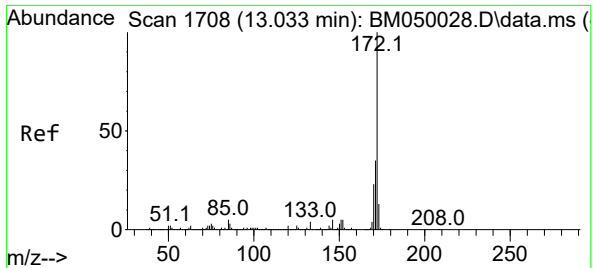
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#44
2,4,5-Trichlorophenol
Concen: 45.773 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

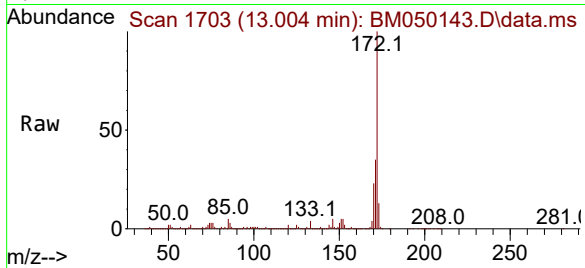
Tgt Ion:196 Resp: 594889
Ion Ratio Lower Upper
196 100
198 98.2 76.7 115.1
97 38.6 30.1 45.1
132 21.4 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 80.242 ng
RT: 13.004 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

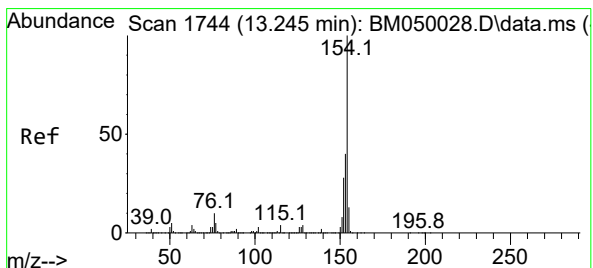
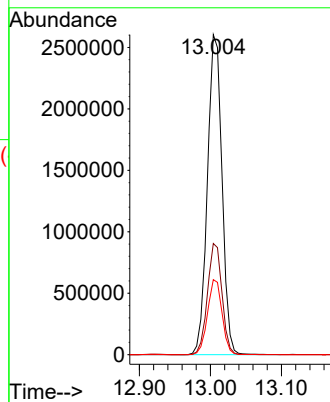
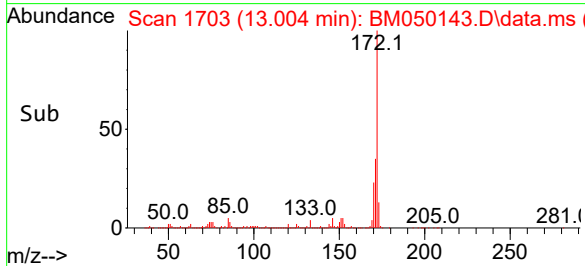
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



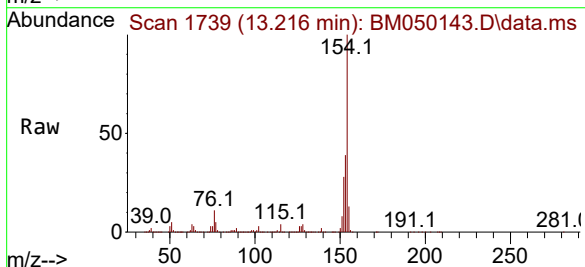
Tgt Ion:172 Resp: 372324
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.6 28.0

Manual Integrations
APPROVED

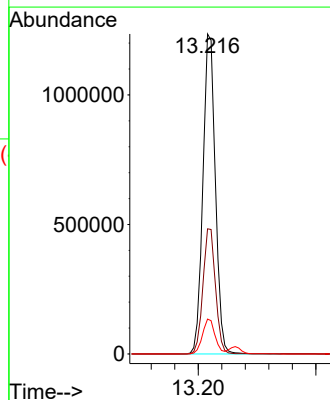
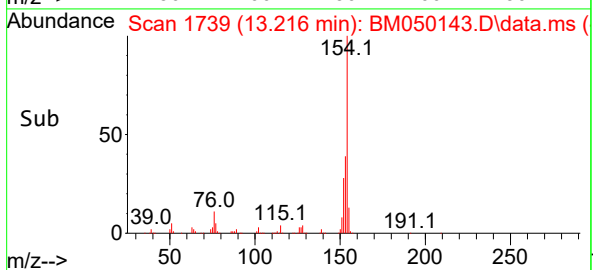
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

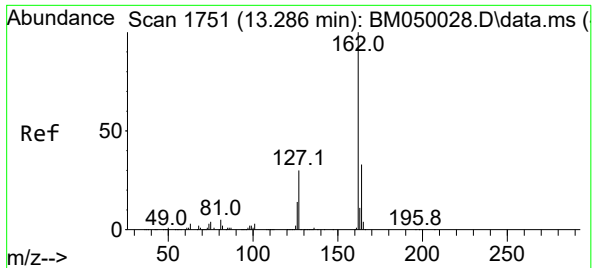


#46
1,1'-Biphenyl
Concen: 44.444 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



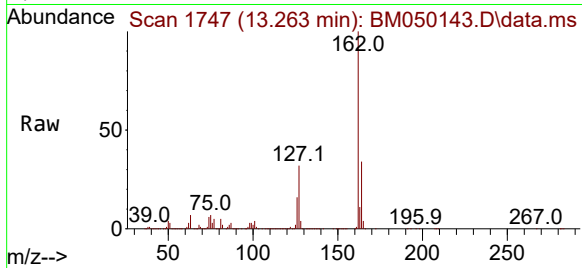
Tgt Ion:154 Resp: 1813471
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 10.9 0.0 30.3





#47
2-Chloronaphthalene
Concen: 44.629 ng
RT: 13.263 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

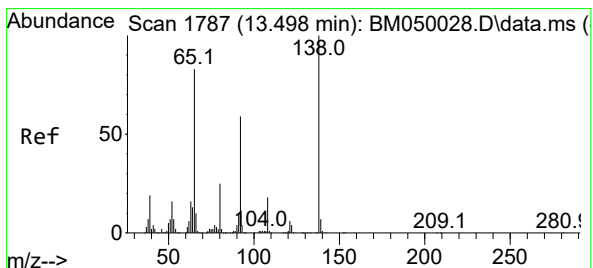
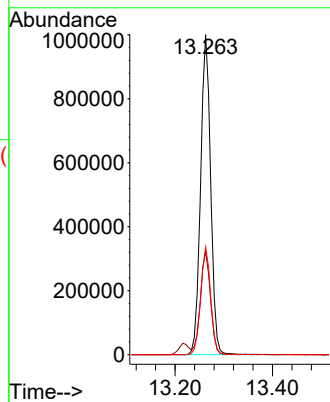
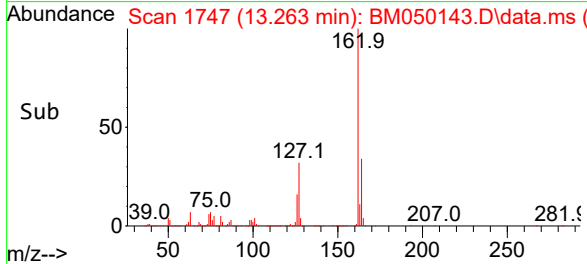
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



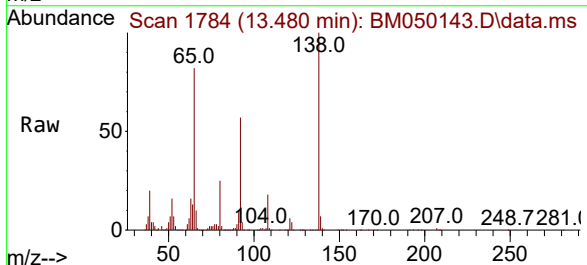
Tgt Ion:162 Resp: 1442235
Ion Ratio Lower Upper
162 100
127 32.1 25.9 38.9
164 33.6 26.6 40.0

Manual Integrations
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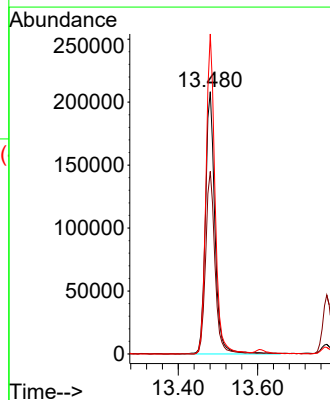
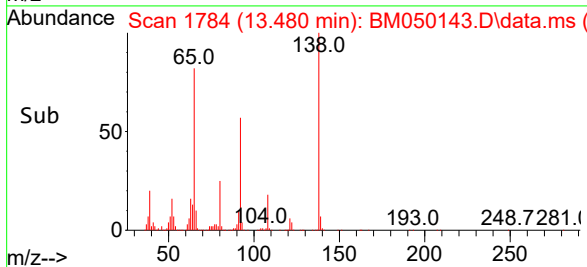
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

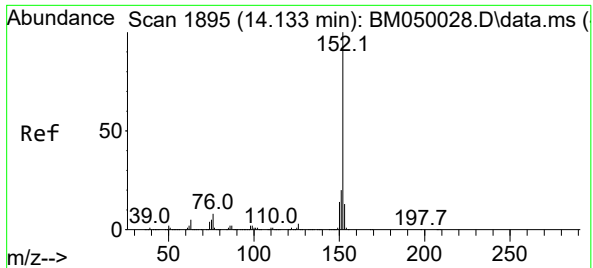


#48
2-Nitroaniline
Concen: 45.707 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



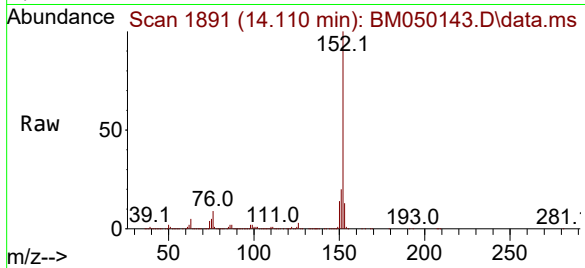
Tgt Ion: 65 Resp: 346667
Ion Ratio Lower Upper
65 100
92 69.6 57.1 85.7
138 122.0 97.0 145.4





#49
Acenaphthylene
Concen: 43.518 ng
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

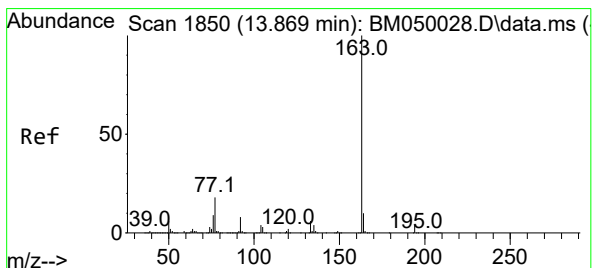
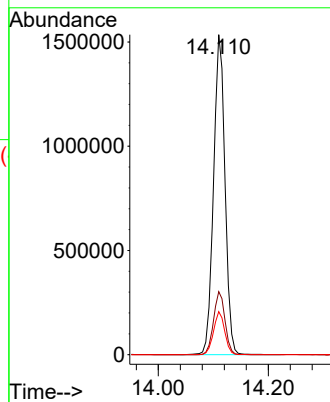
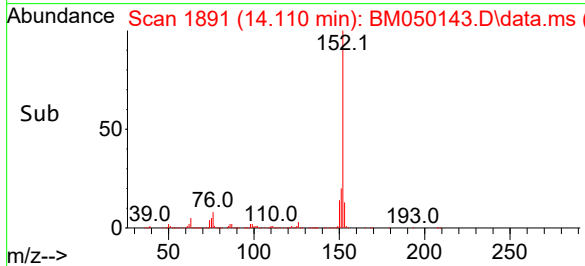
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:152 Resp: 2217360
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.6 15.8

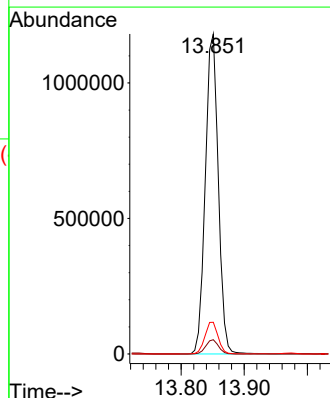
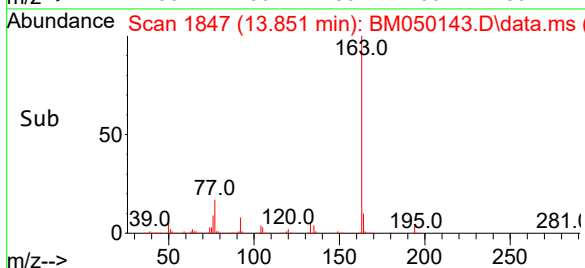
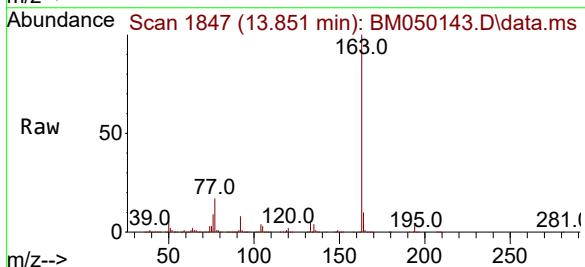
Manual Integrations
APPROVED

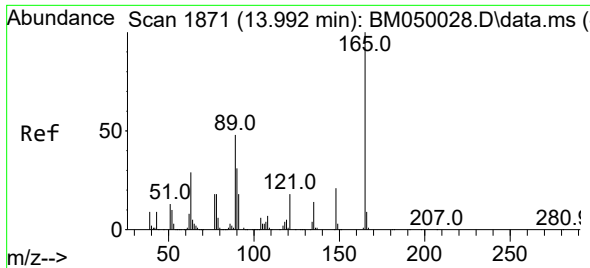
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#50
Dimethylphthalate
Concen: 42.064 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

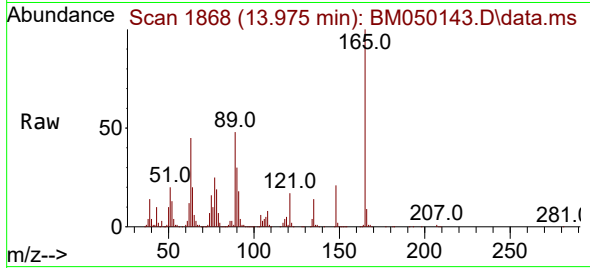
Tgt Ion:163 Resp: 1687386
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.944 ng
RT: 13.975 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

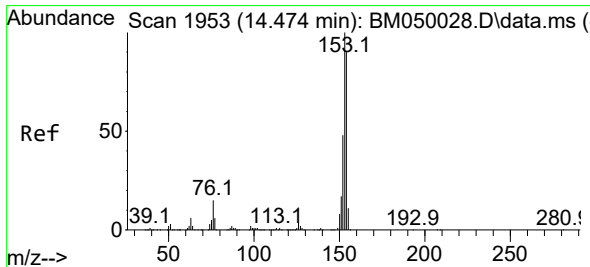
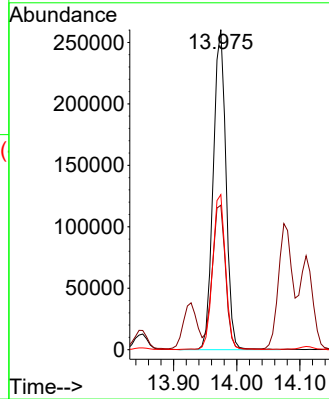
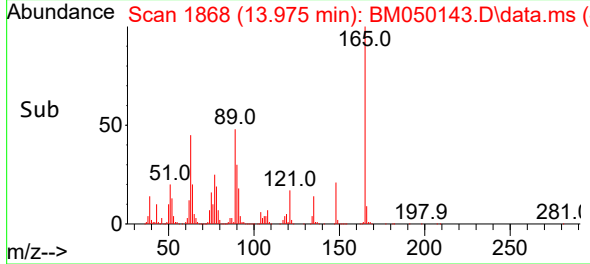
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:165 Resp: 36498
Ion Ratio Lower Upper
165 100
63 45.1 35.1 52.7
89 48.4 38.4 57.6

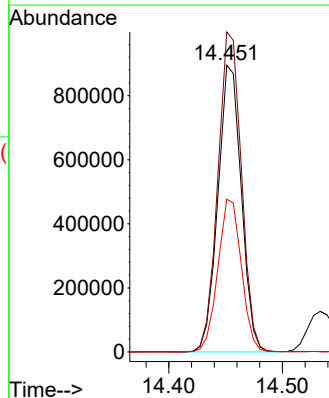
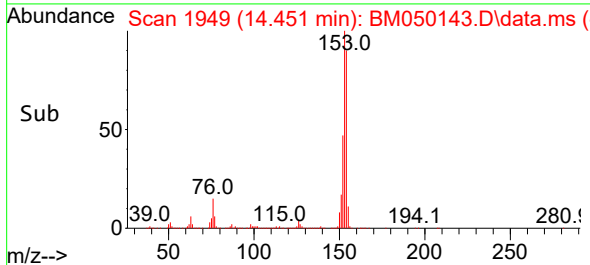
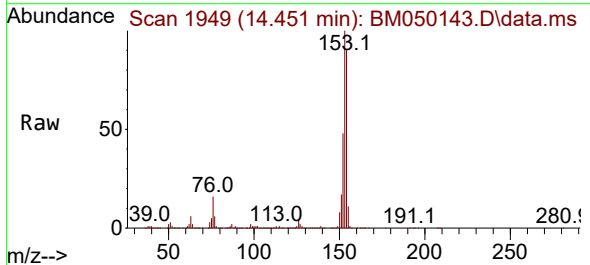
Manual Integrations
APPROVED

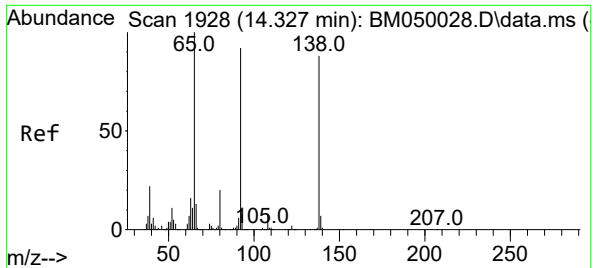
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#52
Acenaphthene
Concen: 43.432 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

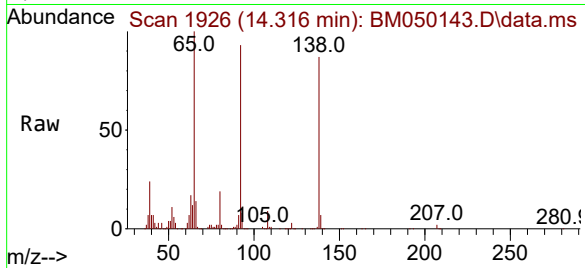
Tgt Ion:154 Resp: 1280948
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 53.3 43.0 64.6





#53
3-Nitroaniline
Concen: 23.606 ng
RT: 14.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

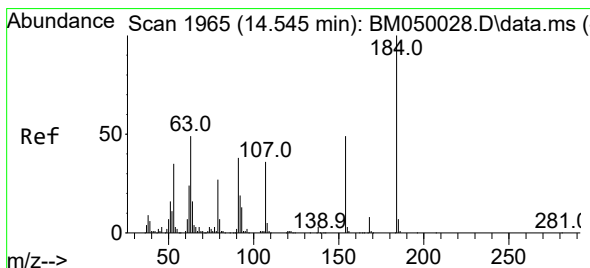
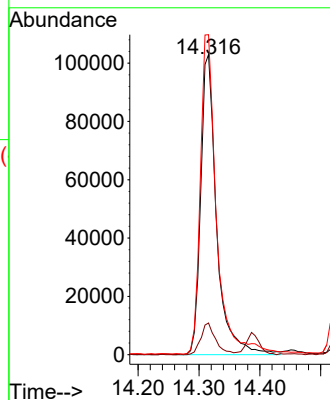
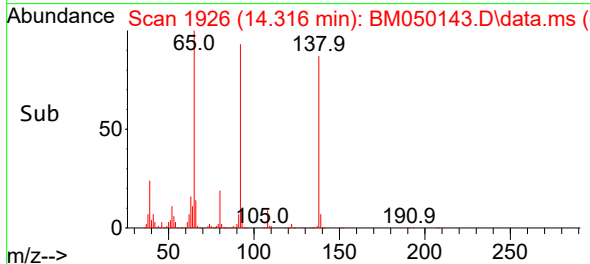
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:138 Resp: 18718
Ion Ratio Lower Upper
138 100
108 10.6 7.4 11.2
92 106.6 84.0 126.0

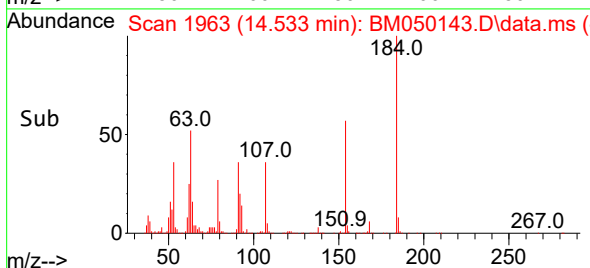
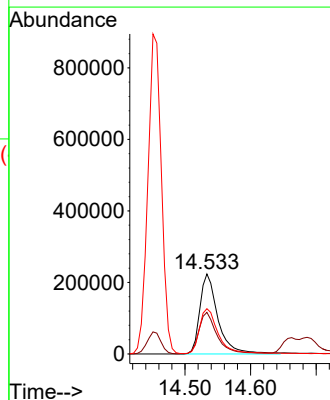
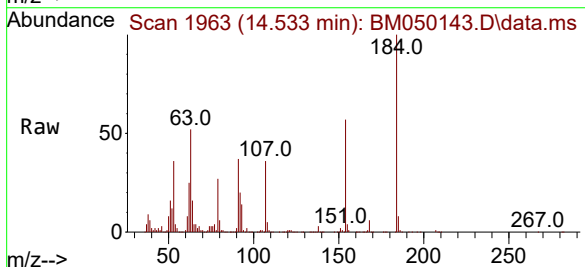
Manual Integrations
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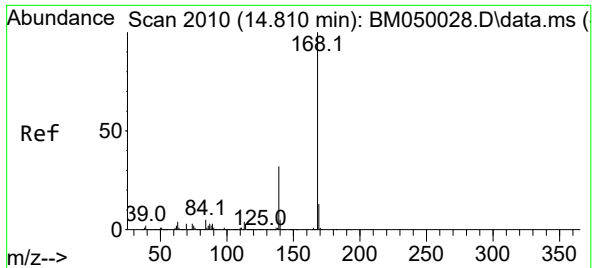
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#54
2,4-Dinitrophenol
Concen: 80.951 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

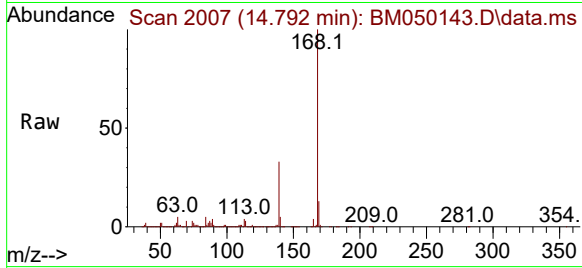
Tgt Ion:184 Resp: 430670
Ion Ratio Lower Upper
184 100
63 52.0 39.8 59.6
154 56.6 46.1 69.1





#55
Dibenzenofuran
Concen: 42.639 ng
RT: 14.792 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

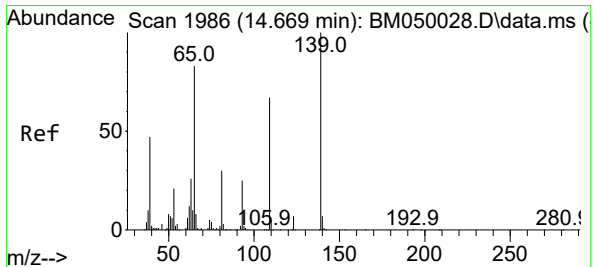
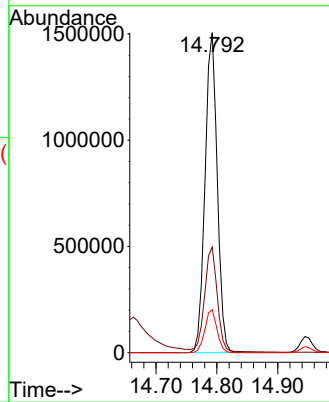
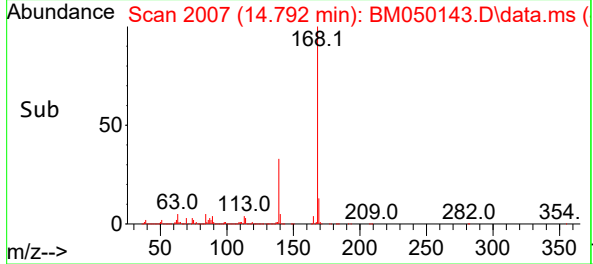
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:168 Resp: 209233
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.4 10.8 16.2

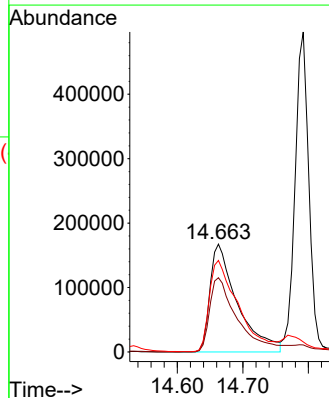
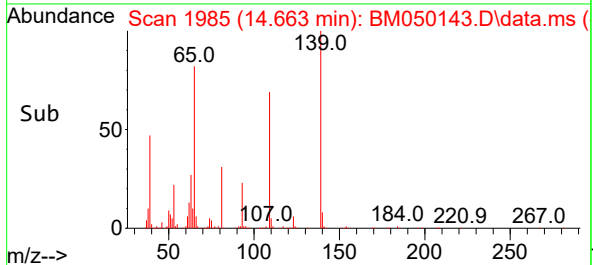
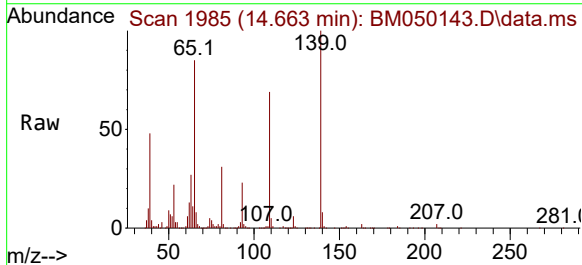
Manual Integrations
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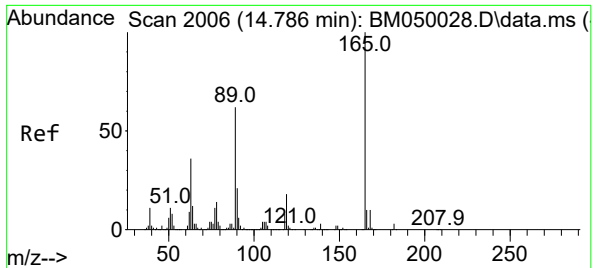
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#56
4-Nitrophenol
Concen: 75.484 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

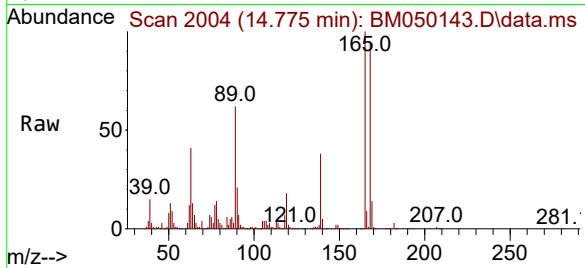
Tgt Ion:139 Resp: 485201
Ion Ratio Lower Upper
139 100
109 68.8 47.0 87.0
65 84.9 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 43.352 ng
RT: 14.775 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

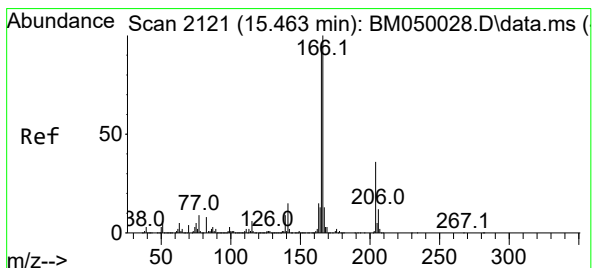
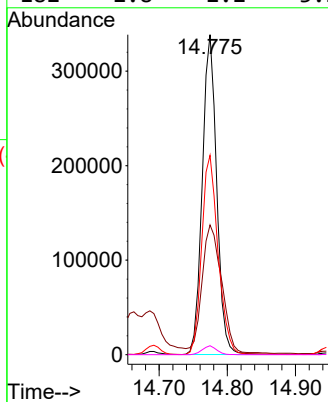
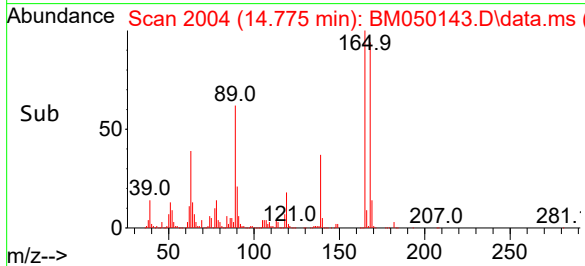
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:165 Resp: 497539
Ion Ratio Lower Upper
165 100
63 40.6 29.0 43.6
89 62.3 49.4 74.2
182 2.8 2.2 3.2

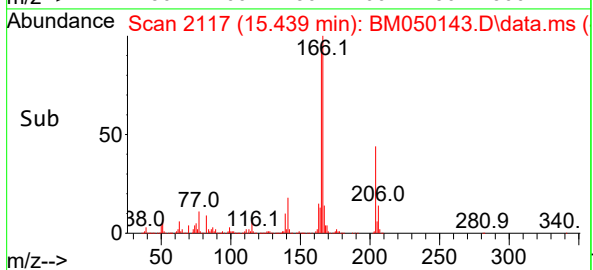
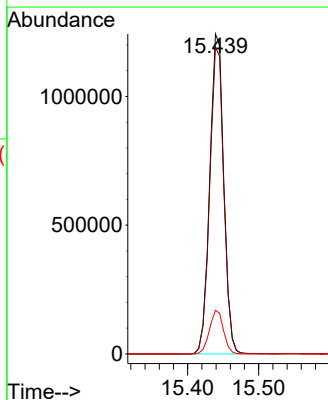
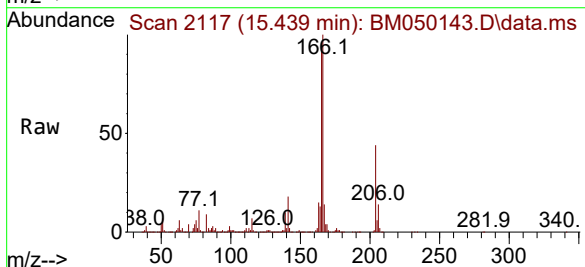
Manual Integrations
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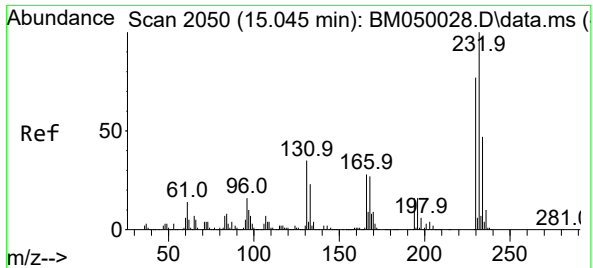
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#58
Fluorene
Concen: 42.392 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

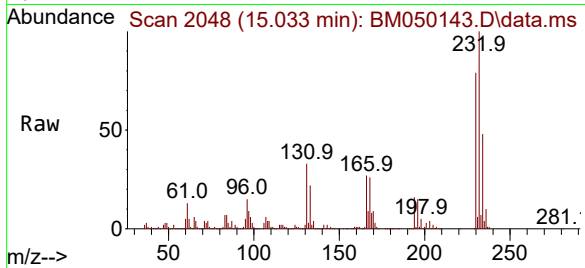
Tgt Ion:166 Resp: 1702697
Ion Ratio Lower Upper
166 100
165 95.9 76.6 115.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.868 ng
RT: 15.033 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

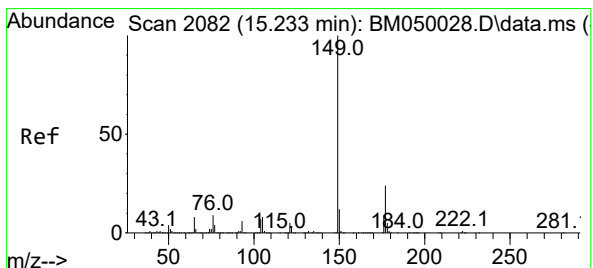
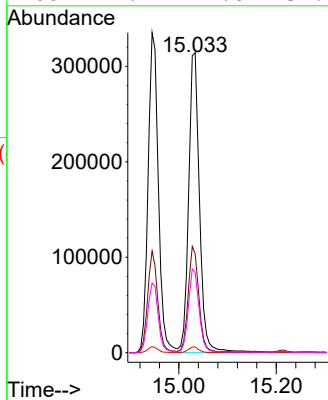
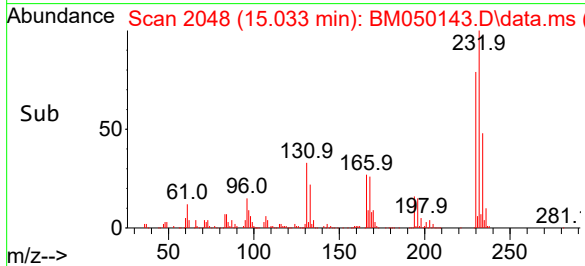
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



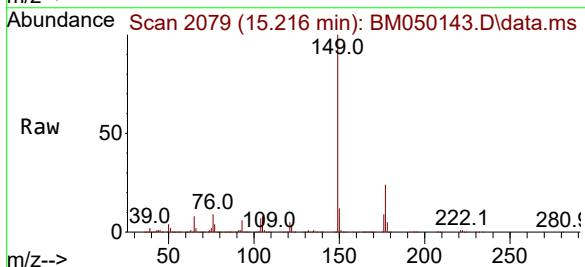
Tgt Ion:232 Resp: 482259
Ion Ratio Lower Upper
232 100
131 34.9 28.2 42.4
130 2.0 1.5 2.3
166 27.4 22.6 34.0

Manual Integrations
APPROVED

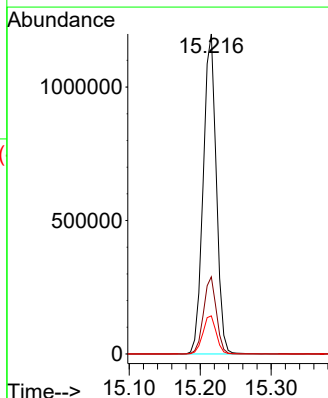
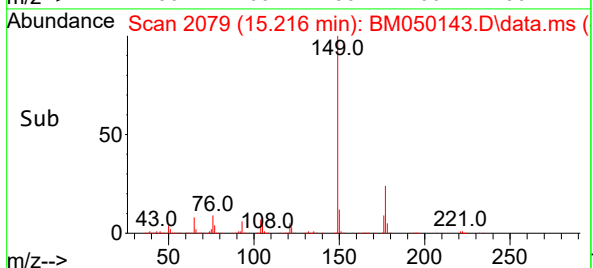
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

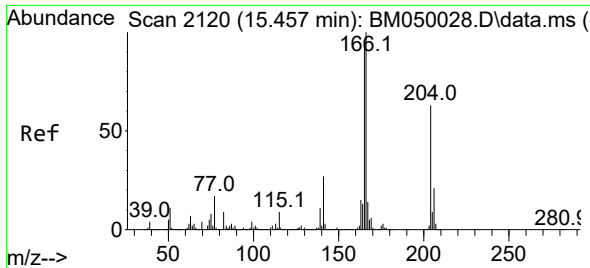


#60
Diethylphthalate
Concen: 40.672 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



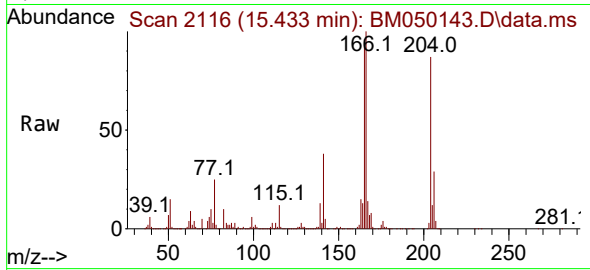
Tgt Ion:149 Resp: 1537382
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 11.9 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 42.723 ng
RT: 15.433 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

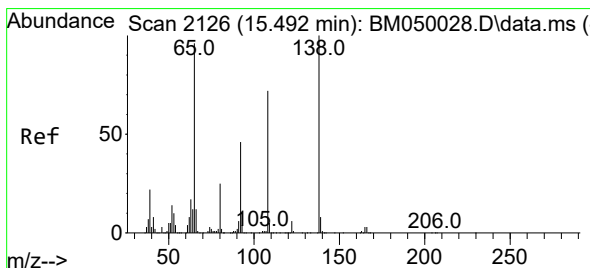
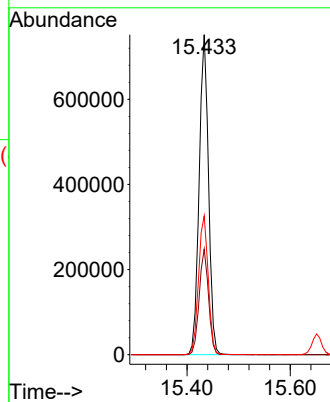
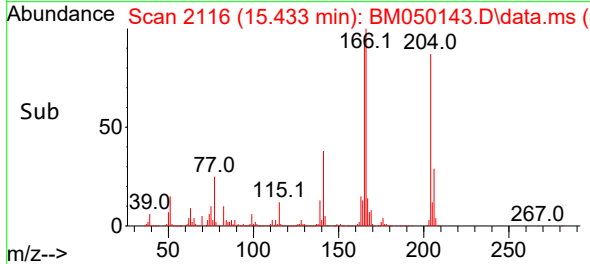
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:204 Resp: 942510
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 43.4 34.0 51.0

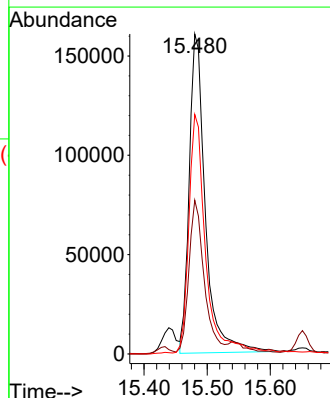
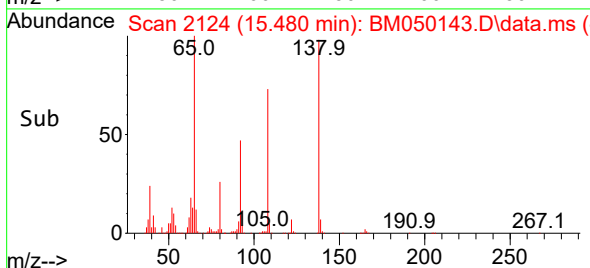
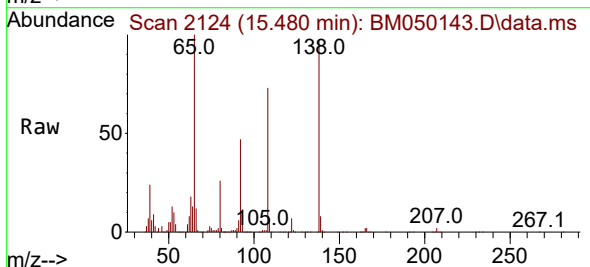
Manual Integrations
APPROVED

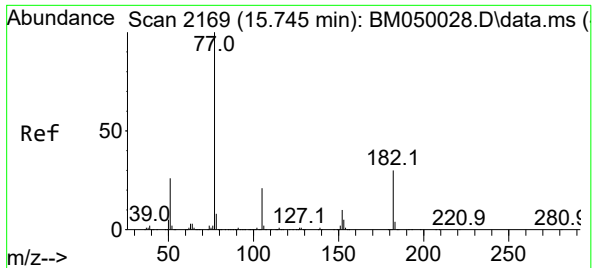
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#62
4-Nitroaniline
Concen: 37.288 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

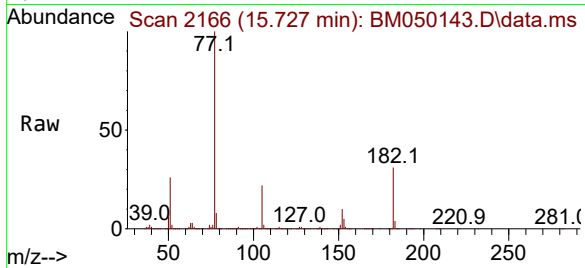
Tgt Ion:138 Resp: 285268
Ion Ratio Lower Upper
138 100
92 48.0 25.9 65.9
108 74.8 52.4 92.4





#63
Azobenzene
Concen: 42.471 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

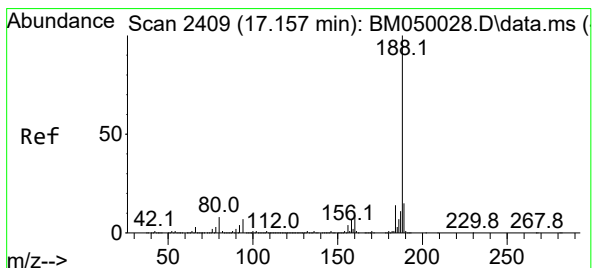
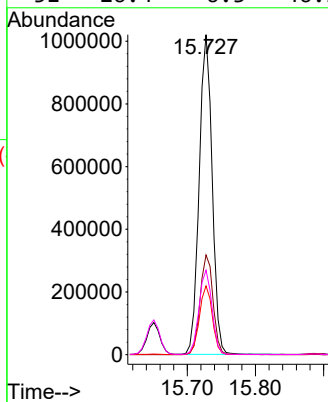
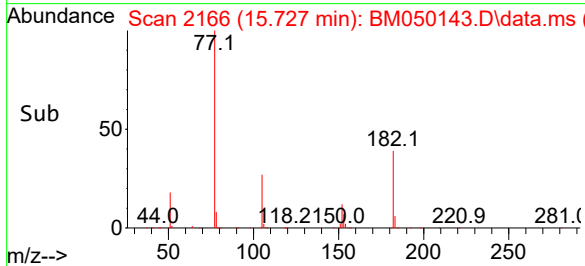
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



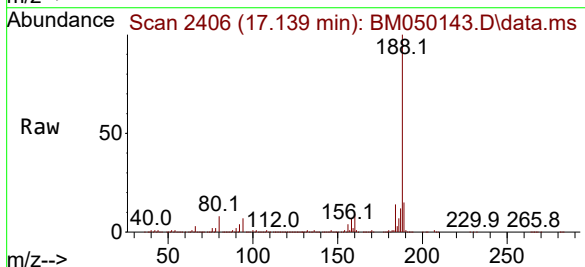
Tgt Ion: 77 Resp: 134541
Ion Ratio Lower Upper
77 100
182 31.2 10.5 50.5
105 21.5 1.1 41.1
51 26.4 6.3 46.3

Manual Integrations
APPROVED

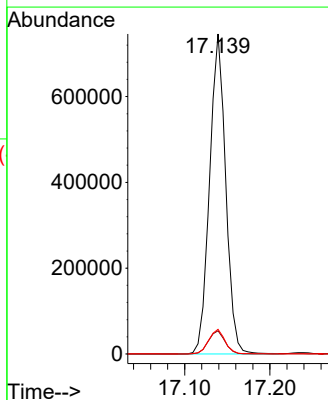
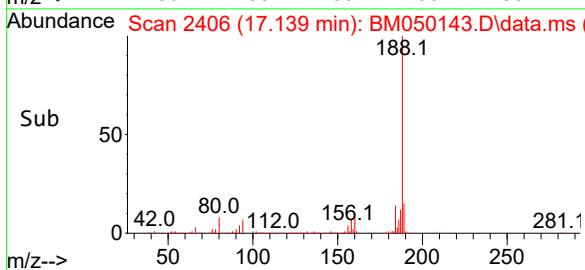
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

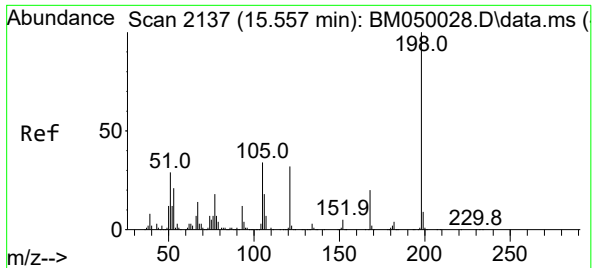


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



Tgt Ion:188 Resp: 982803
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.7 6.2 9.4





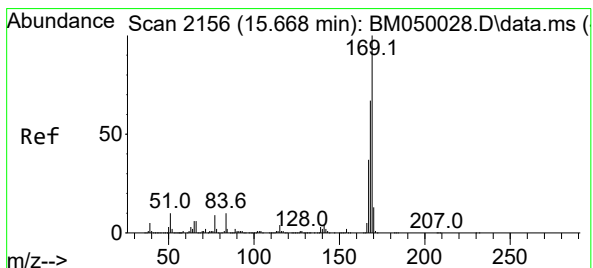
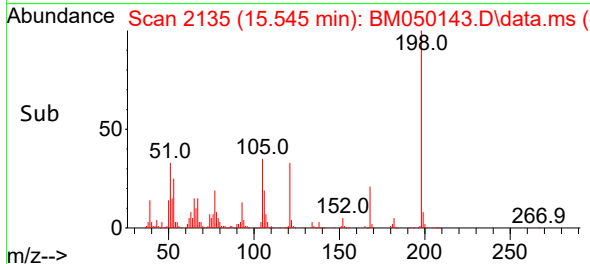
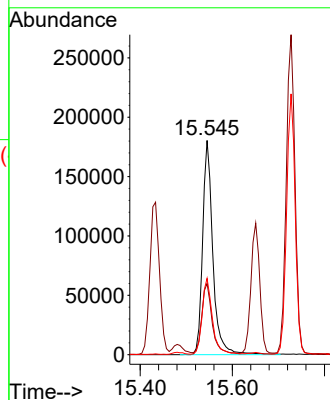
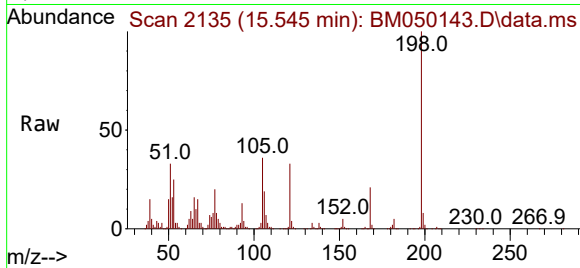
#65
4,6-Dinitro-2-methylphenol
Concen: 45.488 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Tgt Ion:198 Resp: 279844
Ion Ratio Lower Upper
198 100
51 33.3 10.4 50.4
105 35.6 14.6 54.6

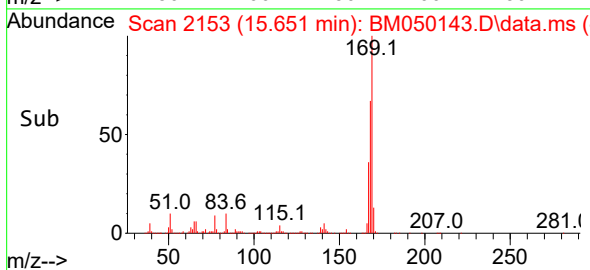
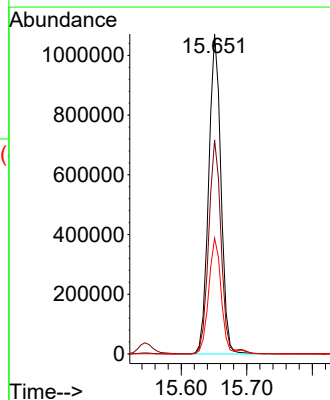
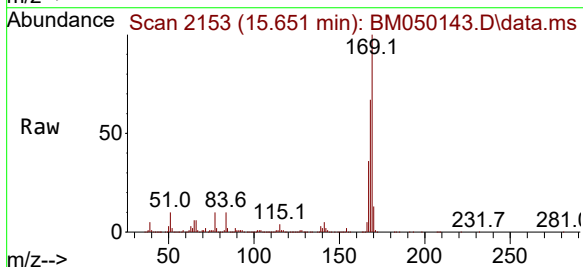
Manual Integrations
APPROVED

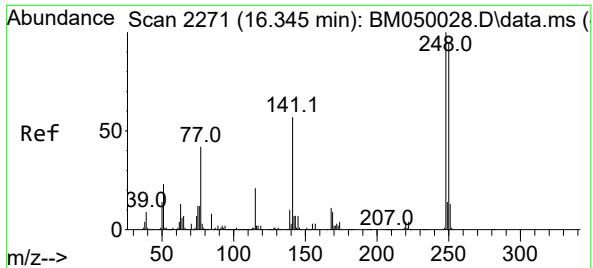
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#66
n-Nitrosodiphenylamine
Concen: 46.156 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:169 Resp: 1392965
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.2 29.4 44.0





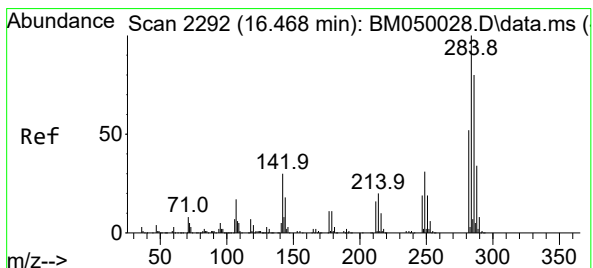
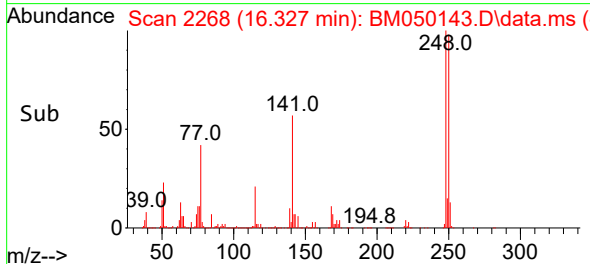
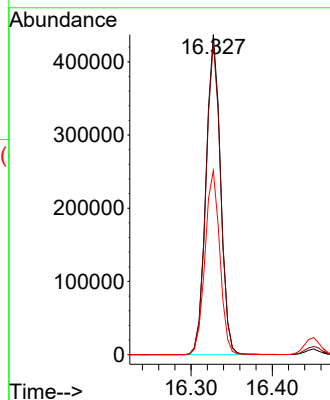
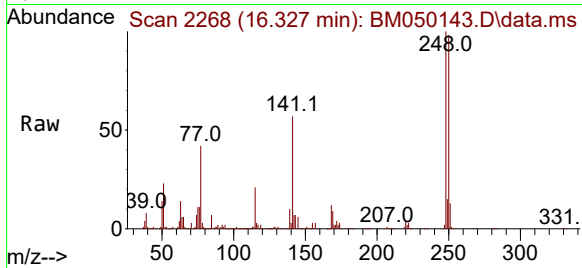
#67
4-Bromophenyl-phenylether
Concen: 45.638 ng
RT: 16.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Tgt Ion:248 Resp: 54239
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 57.5 45.9 68.9

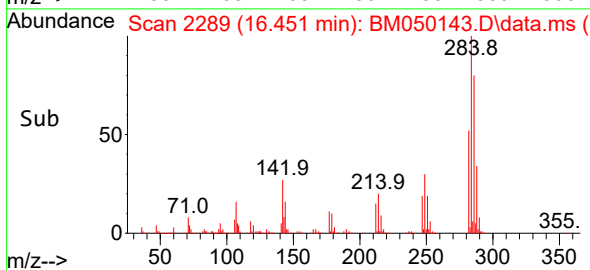
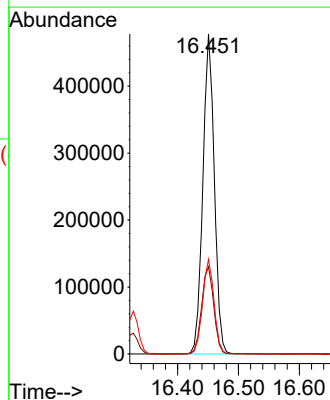
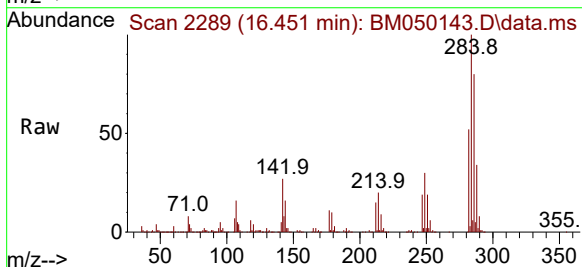
Manual Integrations
APPROVED

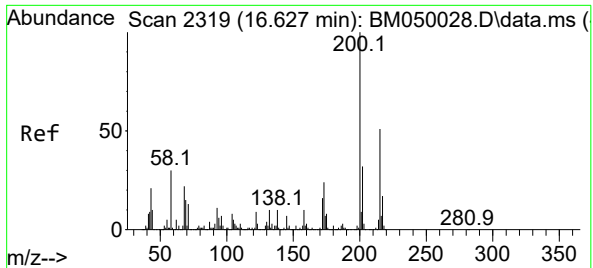
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

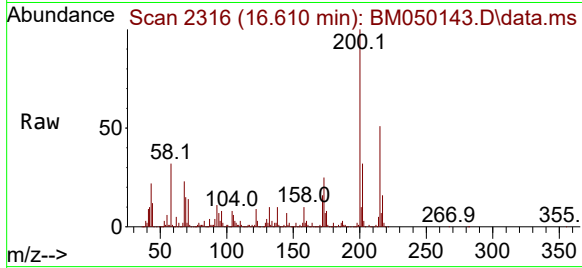
Tgt Ion:284 Resp: 625015
Ion Ratio Lower Upper
284 100
142 27.3 23.9 35.9
249 29.6 24.5 36.7





#69
Atrazine
Concen: 43.989 ng
RT: 16.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

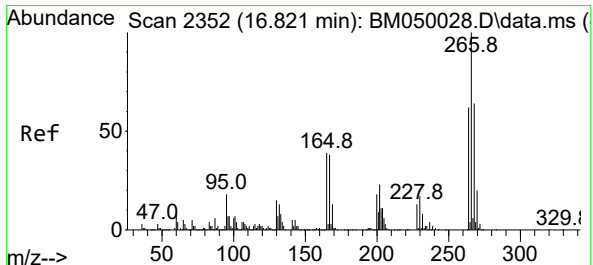
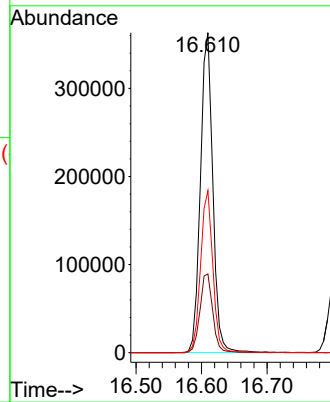
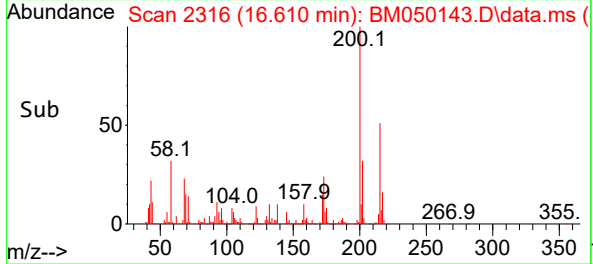
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



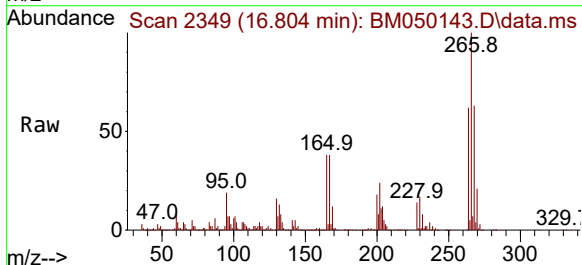
Tgt Ion:200 Resp: 47886
Ion Ratio Lower Upper
200 100
173 24.6 4.3 44.3
215 50.6 30.6 70.6

Manual Integrations
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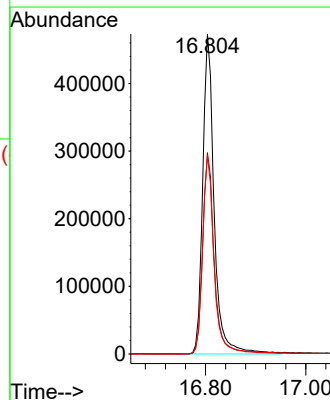
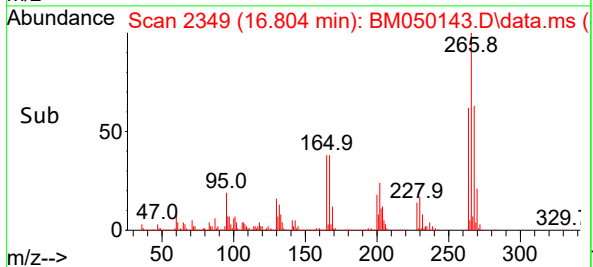
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

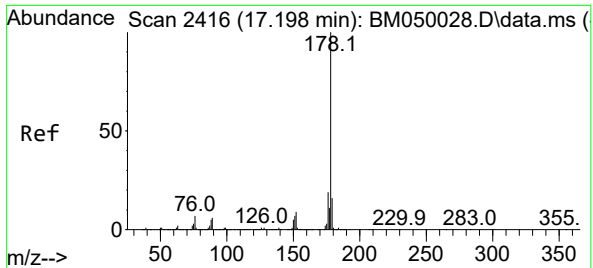


#70
Pentachlorophenol
Concen: 97.091 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



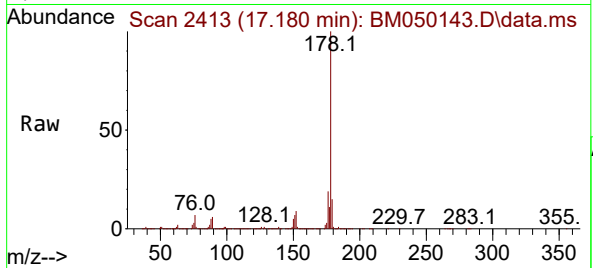
Tgt Ion:266 Resp: 748706
Ion Ratio Lower Upper
266 100
268 62.9 51.2 76.8
264 62.1 49.6 74.4





#71
Phenanthrene
Concen: 44.316 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

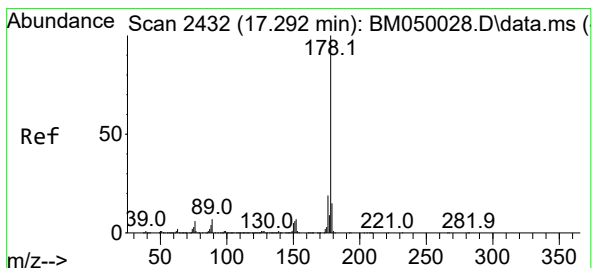
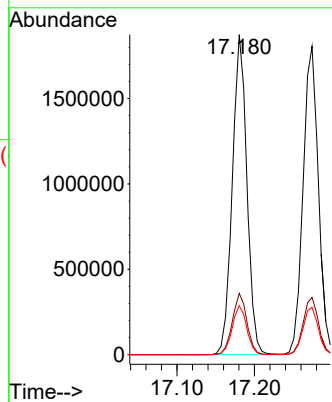
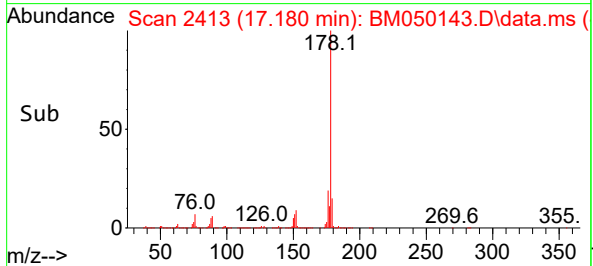
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:178 Resp: 245647
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6

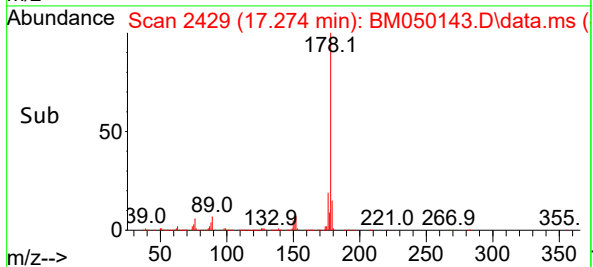
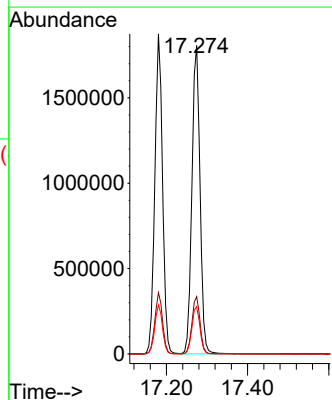
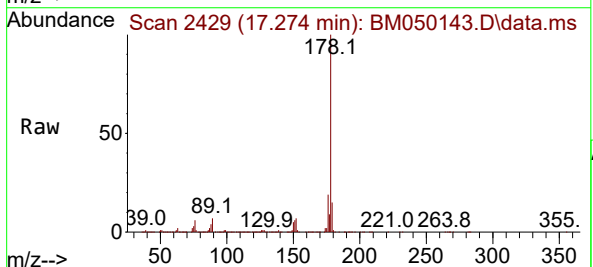
Manual Integrations
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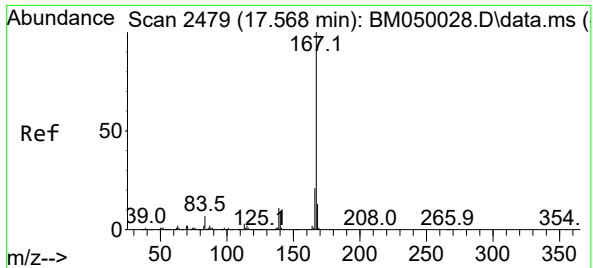
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#72
Anthracene
Concen: 44.573 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

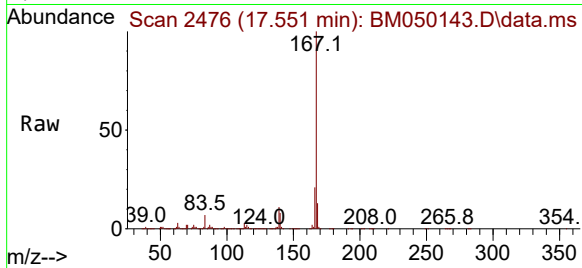
Tgt Ion:178 Resp: 2500364
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.2 18.4





#73
Carbazole
Concen: 44.019 ng
RT: 17.551 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

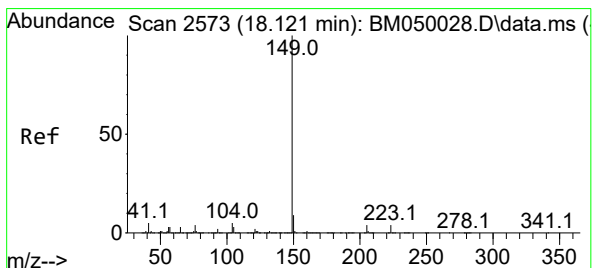
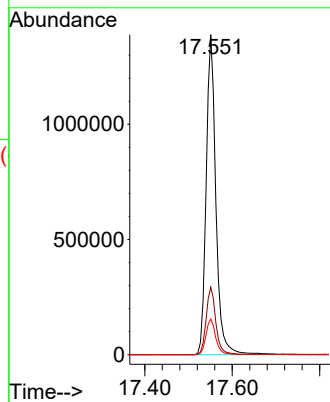
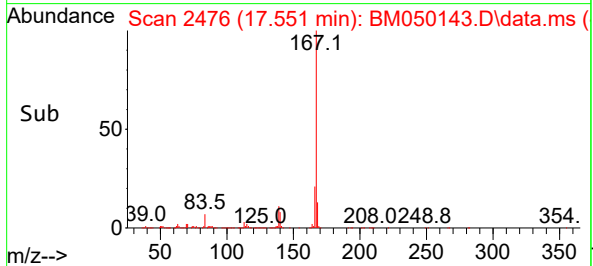
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:167 Resp: 214272
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 11.2 9.0 13.6

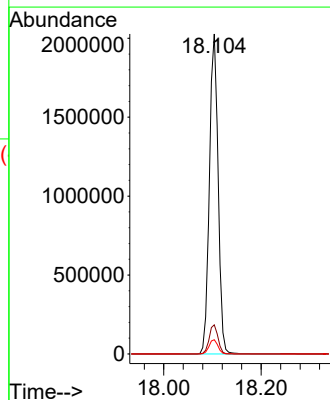
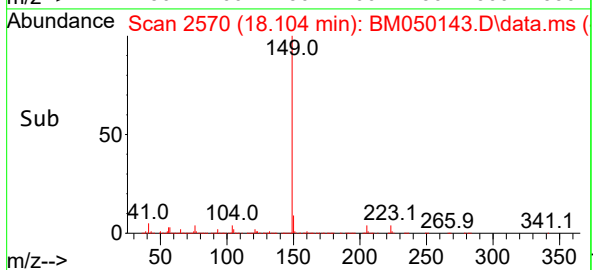
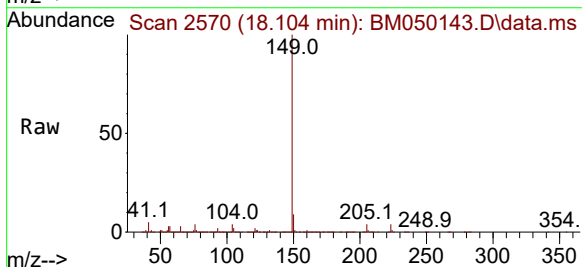
Manual Integrations
APPROVED

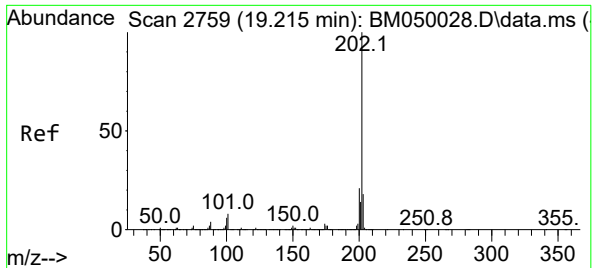
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#74
Di-n-butylphthalate
Concen: 43.142 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

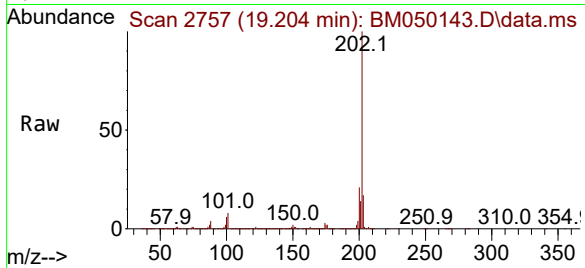
Tgt Ion:149 Resp: 2500884
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 42.525 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

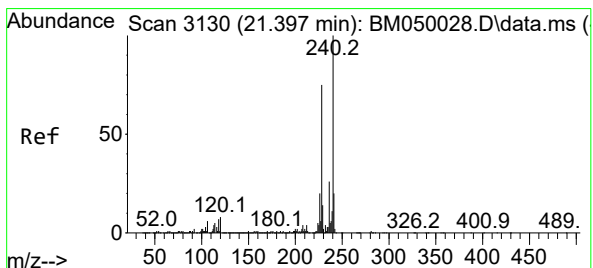
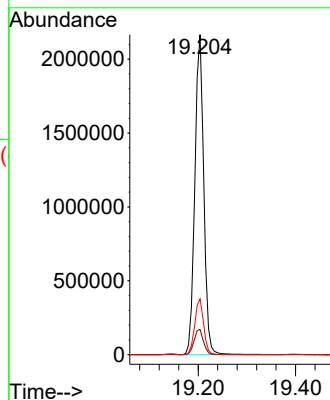
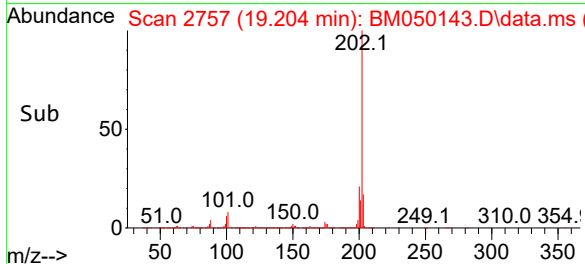
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



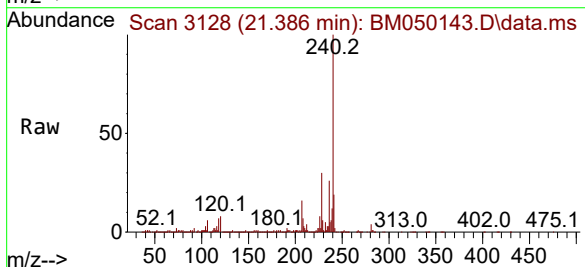
Tgt Ion:202 Resp: 2767529
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.0
203 17.5 0.0 37.7

Manual Integrations
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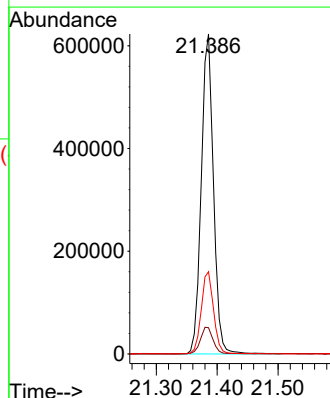
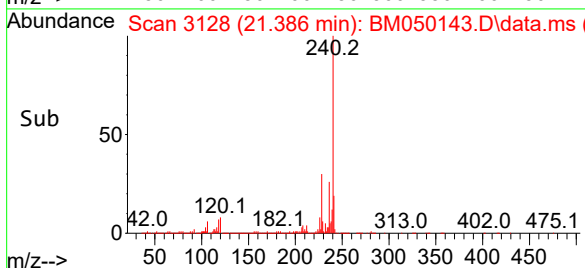
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

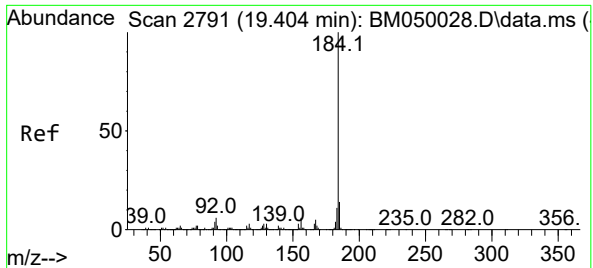


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



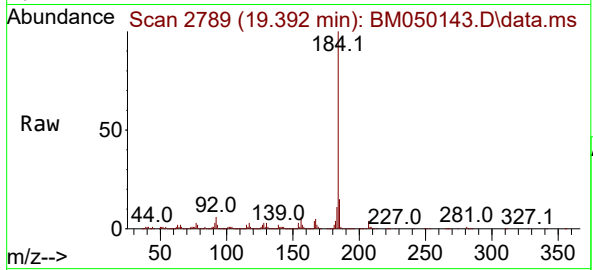
Tgt Ion:240 Resp: 868474
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.7 20.9 31.3





#77
Benzidine
Concen: 30.033 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

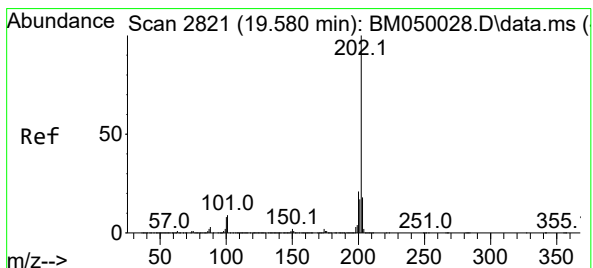
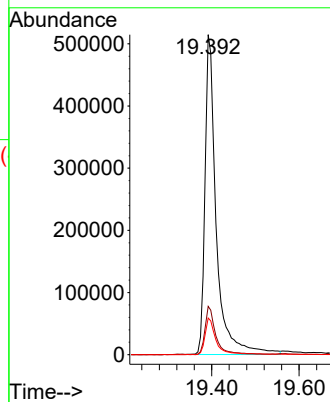
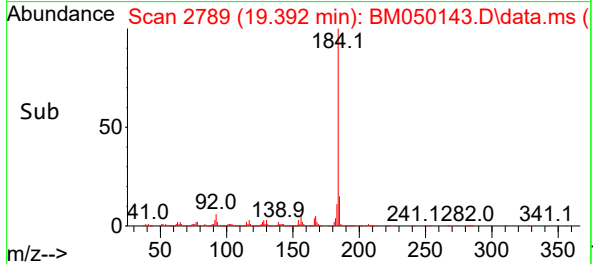
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:184 Resp: 926472
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 11.4 8.9 13.3

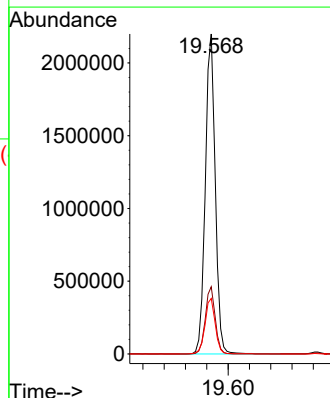
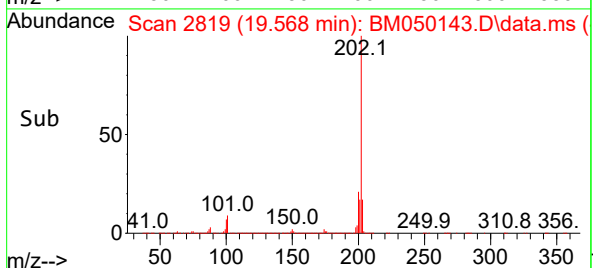
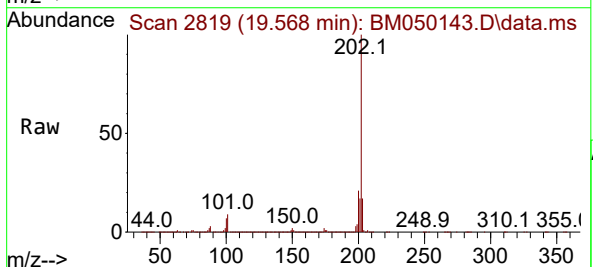
Manual Integrations
APPROVED

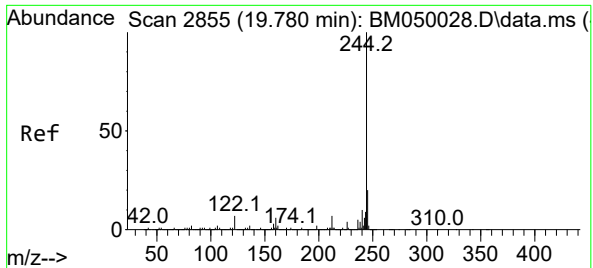
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#78
Pyrene
Concen: 46.545 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

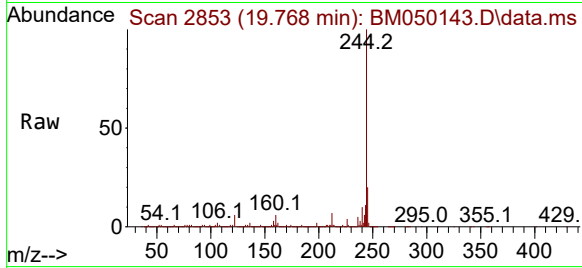
Tgt Ion:202 Resp: 2838617
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 85.821 ng
RT: 19.768 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

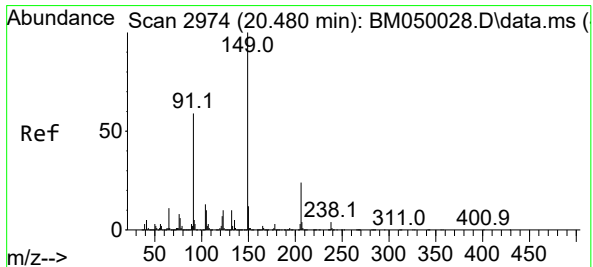
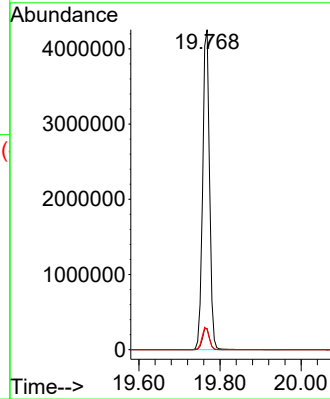
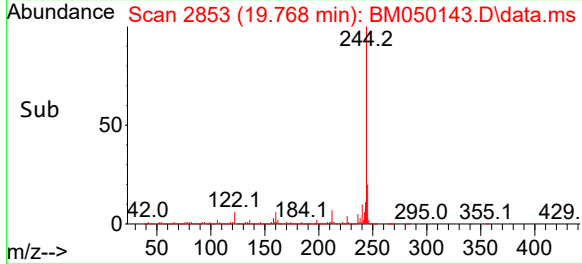
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



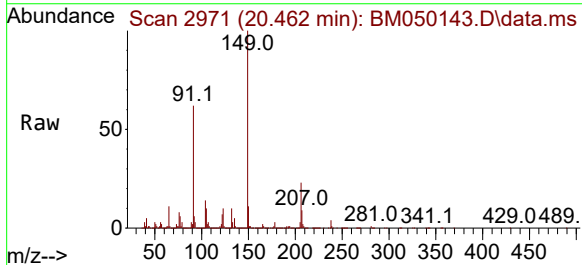
Tgt Ion:244 Resp: 5036934
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 6.3 5.6 8.4

Manual Integrations
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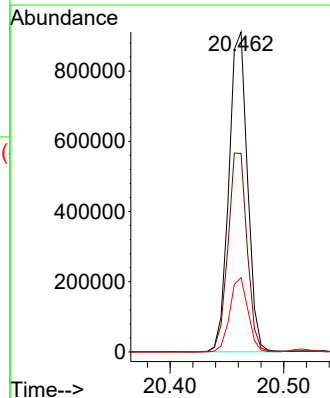
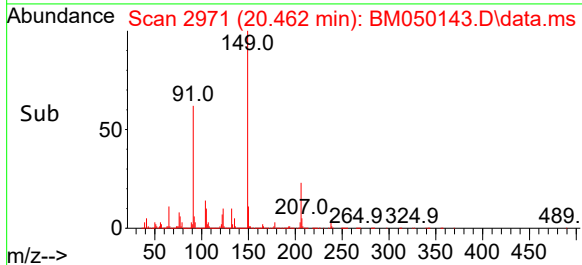
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

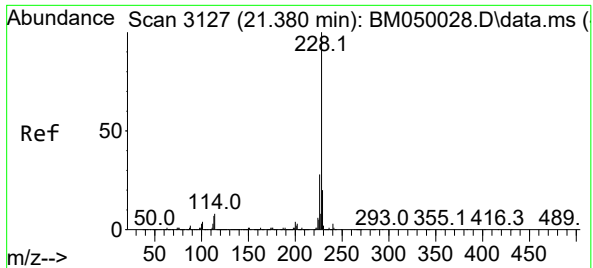


#80
Butylbenzylphthalate
Concen: 45.291 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



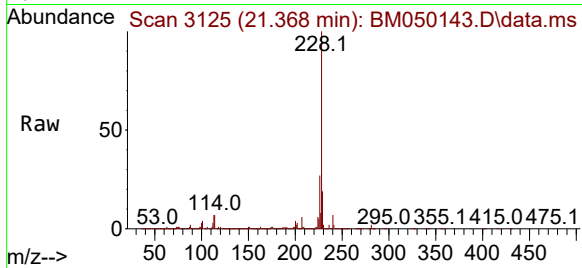
Tgt Ion:149 Resp: 1034547
Ion Ratio Lower Upper
149 100
91 62.1 47.4 71.2
206 23.2 19.4 29.0





#81
Benzo(a)anthracene
Concen: 45.030 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

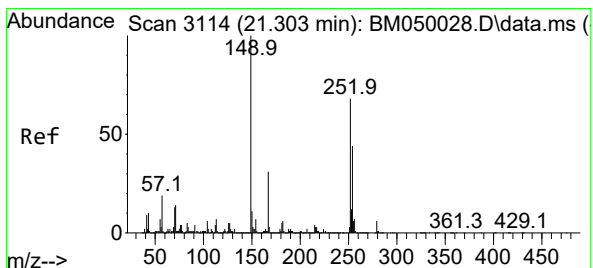
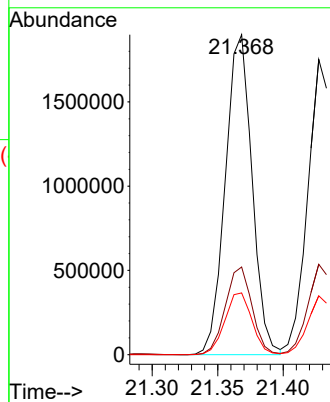
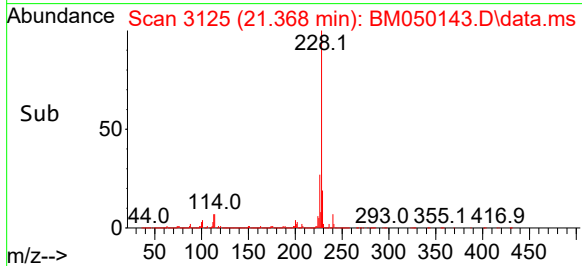
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:228 Resp: 2693040
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.3 15.7 23.5

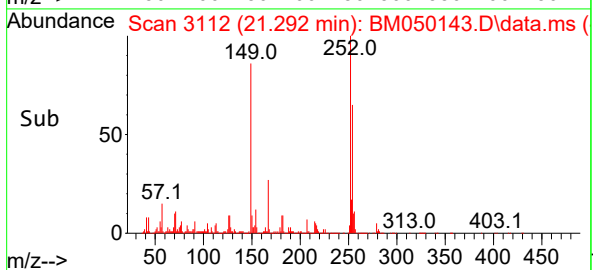
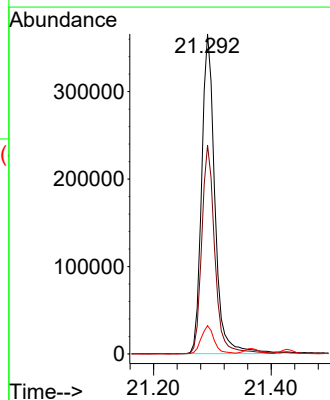
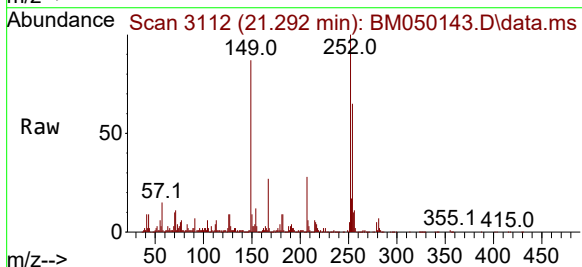
Manual Integrations
APPROVED

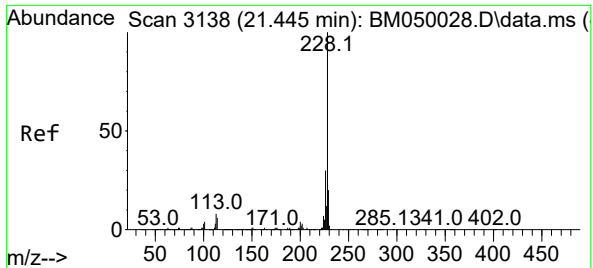
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 24.952 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

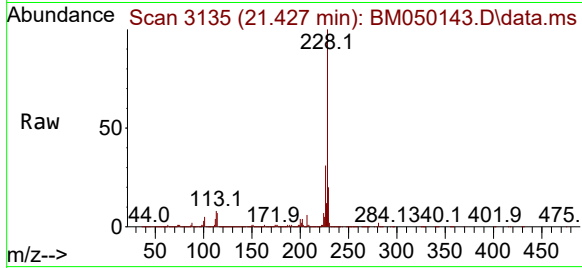
Tgt Ion:252 Resp: 571243
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 8.9 6.0 9.0





#83
Chrysene
Concen: 44.297 ng
RT: 21.427 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

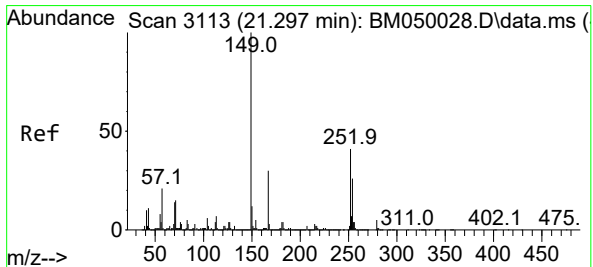
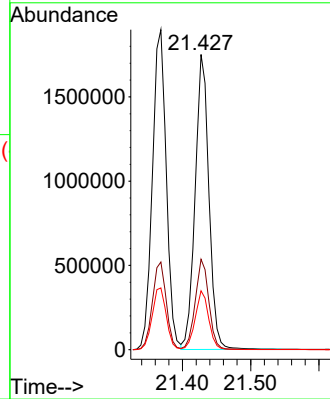
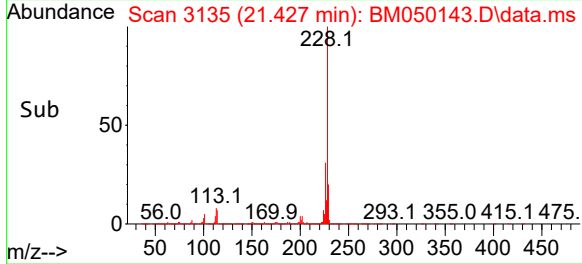
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



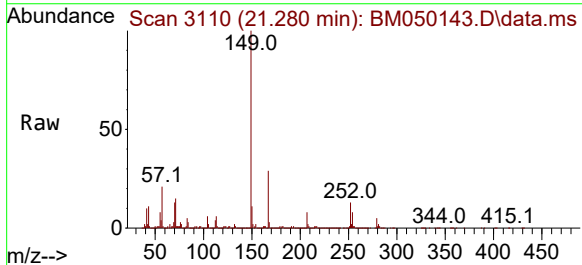
Tgt Ion:228 Resp: 245190
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.9 15.7 23.5

Manual Integrations
APPROVED

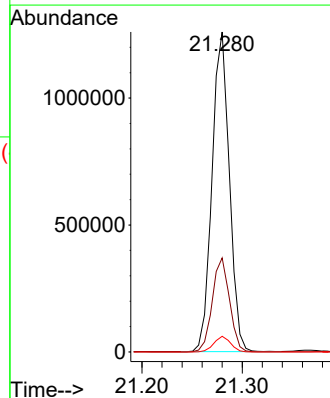
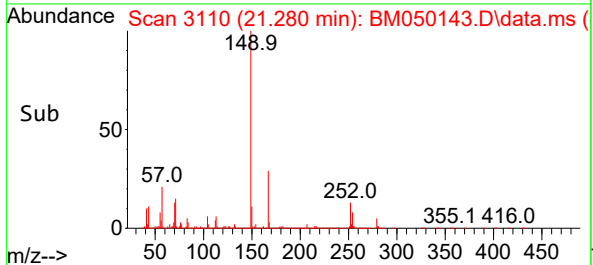
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

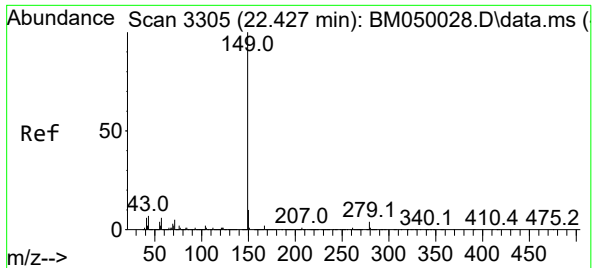


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.196 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



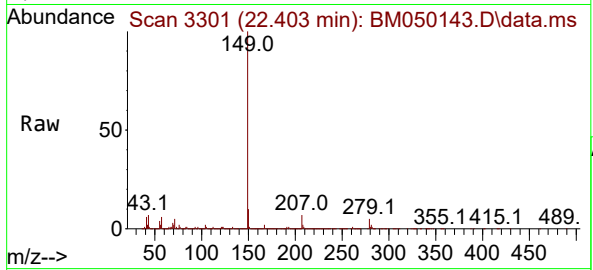
Tgt Ion:149 Resp: 1507874
Ion Ratio Lower Upper
149 100
167 29.4 24.1 36.1
279 4.9 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 44.353 ng
RT: 22.403 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

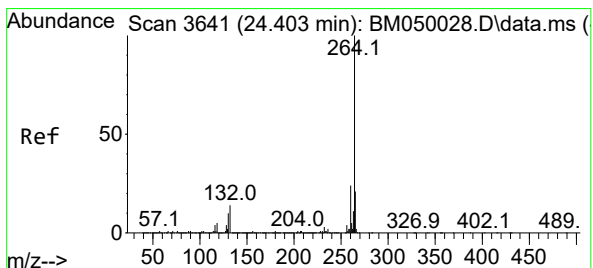
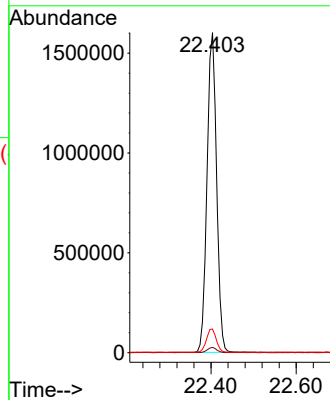
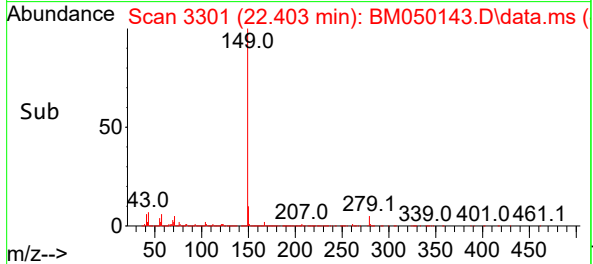
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



Tgt Ion:149 Resp: 2495544
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 5.8 8.8

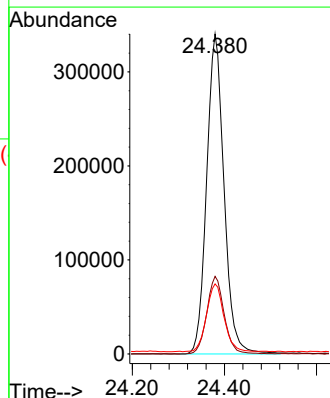
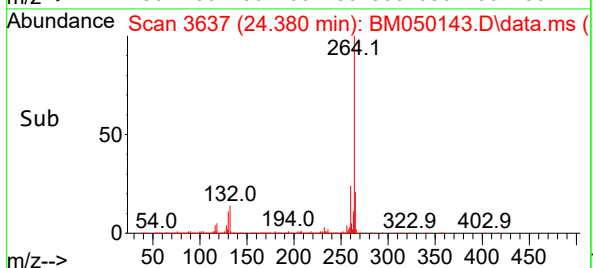
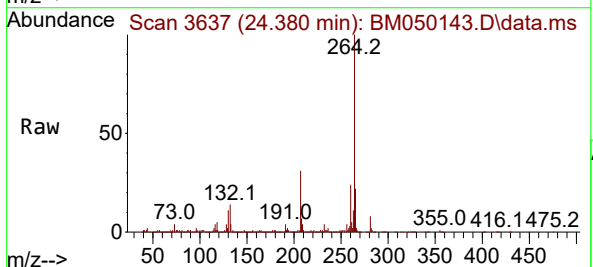
Manual Integrations
APPROVED

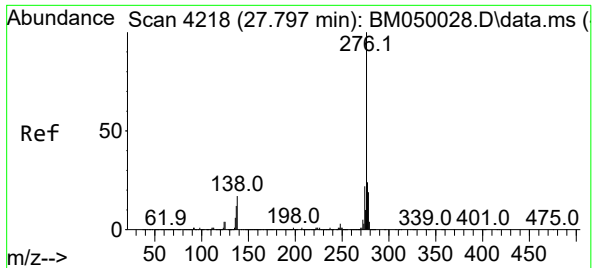
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

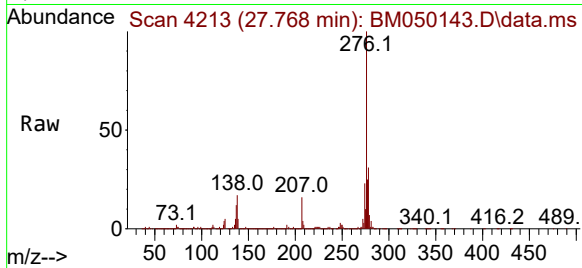
Tgt Ion:264 Resp: 893841
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.211 ng
RT: 27.768 min Scan# 4218
Delta R.T. 0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

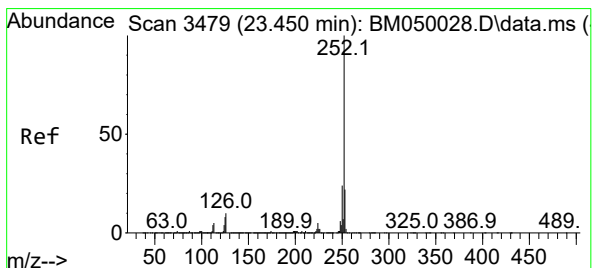
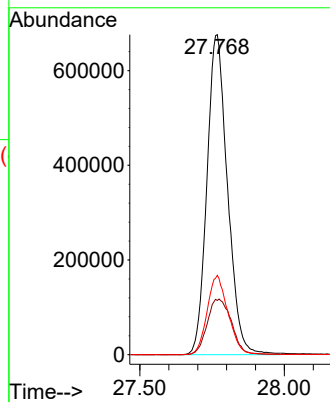
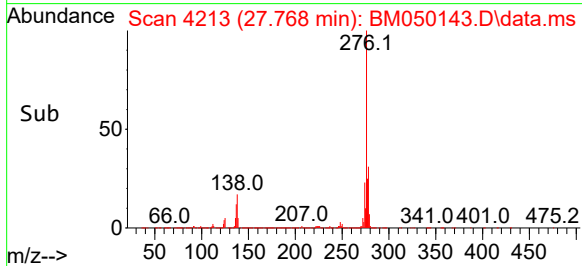
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



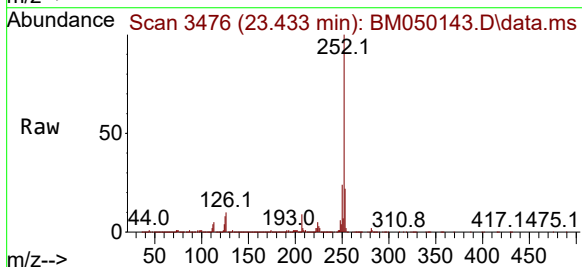
Tgt Ion:276 Resp: 334416
Ion Ratio Lower Upper
276 100
138 20.6 16.4 24.6
277 25.1 19.8 29.8

Manual Integrations
APPROVED

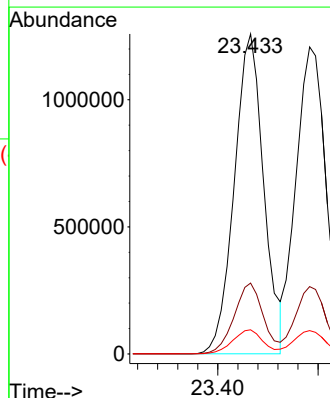
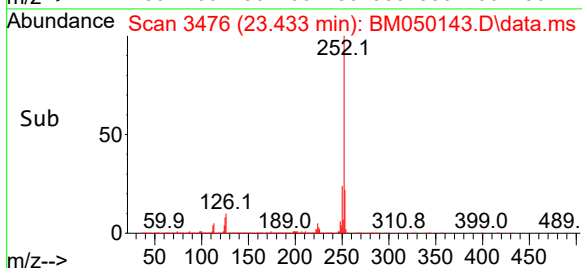
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

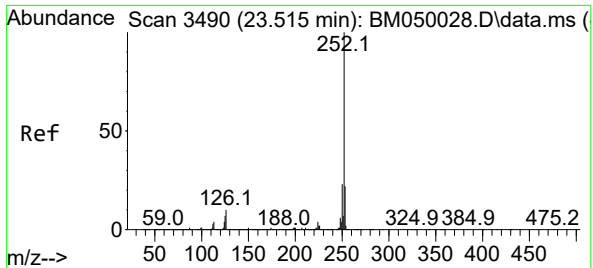


#88
Benzo(b)fluoranthene
Concen: 44.142 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



Tgt Ion:252 Resp: 2565912
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 43.098 ng

RT: 23.492 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

Instrument :

BNA_M

ClientSampleId :

PB167889BSD

Tgt Ion:252 Resp: 253416

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

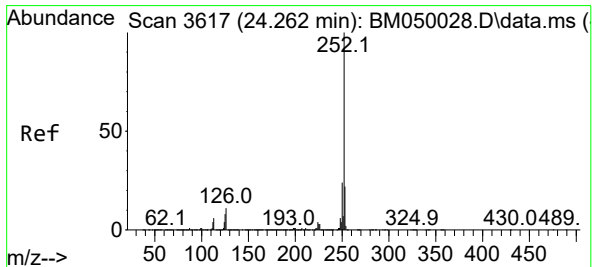
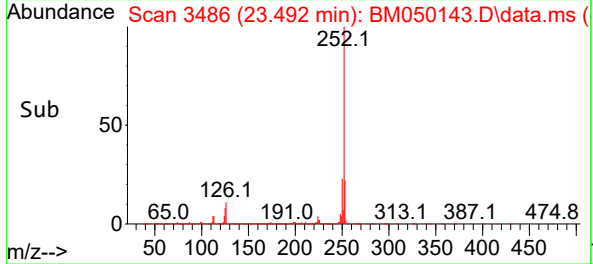
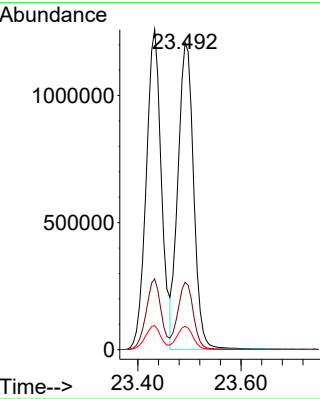
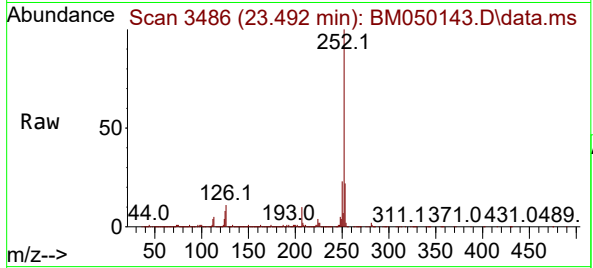
125 7.6 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/09/2025

Supervised By :Jagrut Upadhyay 05/09/2025



#90

Benzo(a)pyrene

Concen: 44.598 ng

RT: 24.239 min Scan# 3613

Delta R.T. 0.000 min

Lab File: BM050143.D

Acq: 08 May 2025 12:39

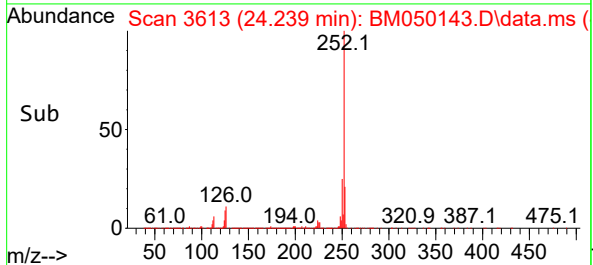
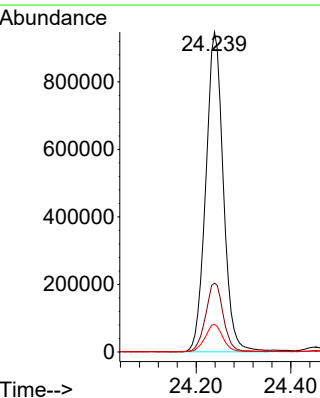
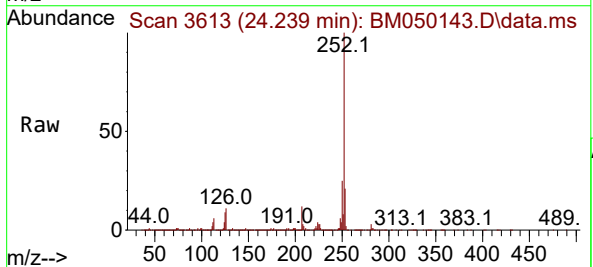
Tgt Ion:252 Resp: 2428116

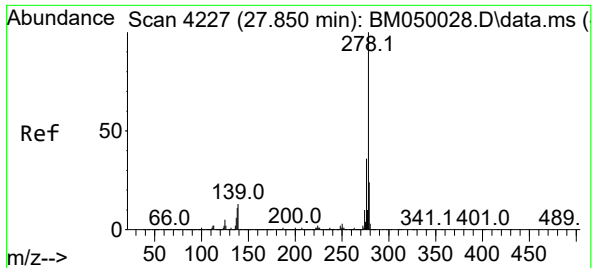
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

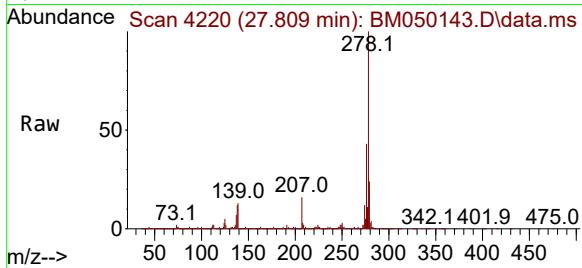
125 8.6 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 50.370 ng
RT: 27.809 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

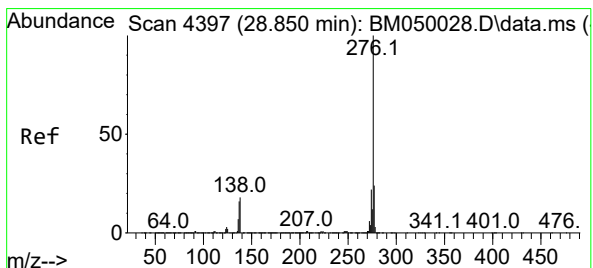
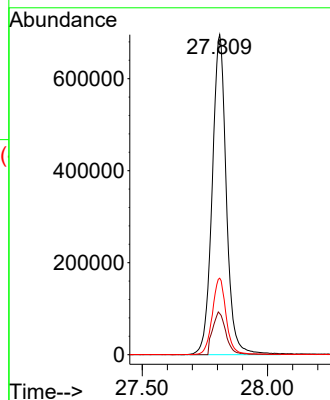
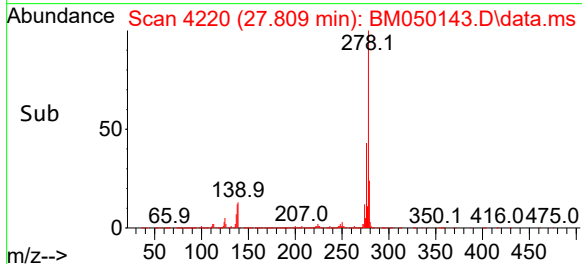
Instrument :
BNA_M
ClientSampleId :
PB167889BSD



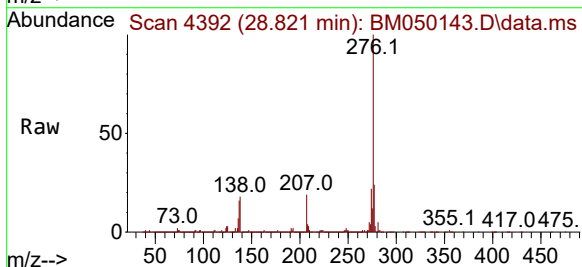
Tgt Ion:278 Resp: 2734690
Ion Ratio Lower Upper
278 100
139 12.9 10.5 15.7
279 23.9 19.4 29.0

Manual Integrations
APPROVED

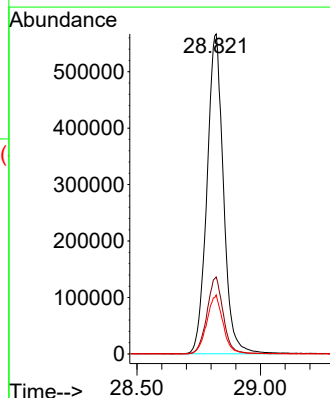
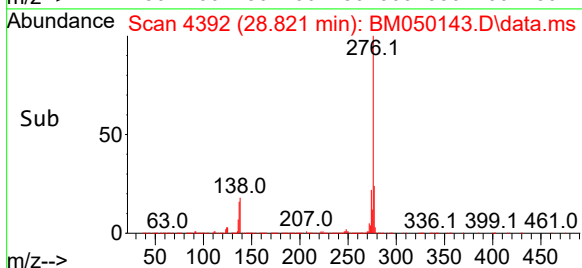
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



#92
Benzo(g,h,i)perylene
Concen: 50.422 ng
RT: 28.821 min Scan# 4392
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39



Tgt Ion:276 Resp: 2620801
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 18.4 14.3 21.5



Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

bm050725

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1945-01DL	BM050137.D	Caprolactam	Rahul	5/8/2025 9:30:44 AM	Jagrut	5/8/2025 11:18:58 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	bm050825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167889BSD	BM050143.D	Benzoic acid	Rahul	5/9/2025 9:43:10 AM	Jagrut	5/9/2025 3:39:53 PM	Peak Integrated by Software

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM
SubDirectory	BM050725	HP Acquire Method	BNA_M
		HP Processing Method	BM042825
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12663,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050128.D	07 May 2025 09:17	RC/JU	Ok
2	SSTDCCC040	BM050129.D	07 May 2025 09:56	RC/JU	Ok
3	PB167879BL	BM050130.D	07 May 2025 10:35	RC/JU	Ok
4	PB167879BS	BM050131.D	07 May 2025 11:14	RC/JU	Ok,M
5	Q1952-01DL	BM050132.D	07 May 2025 12:33	RC/JU	Ok,M
6	Q1938-01	BM050133.D	07 May 2025 13:12	RC/JU	Ok
7	Q1945-01	BM050134.D	07 May 2025 14:26	RC/JU	Dilution
8	Q1945-02	BM050135.D	07 May 2025 15:05	RC/JU	Dilution
9	Q1956-07	BM050136.D	07 May 2025 15:44	RC/JU	Ok
10	Q1945-01DL	BM050137.D	07 May 2025 16:24	RC/JU	Ok,M
11	Q1945-02DL	BM050138.D	07 May 2025 17:03	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM050825

Review By	Rahul	Review On	5/9/2025 9:43:48 AM		
Supervise By	Jagrut	Supervise On	5/9/2025 3:41:05 PM		
SubDirectory	BM050825	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12663,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050139.D	08 May 2025 09:59	RC/JU	Ok
2	SSTDCCC040	BM050140.D	08 May 2025 10:41	RC/JU	Ok
3	PB167889BL	BM050141.D	08 May 2025 11:21	RC/JU	Ok
4	PB167889BS	BM050142.D	08 May 2025 12:00	RC/JU	Ok
5	PB167889BSD	BM050143.D	08 May 2025 12:39	RC/JU	Ok,M
6	PB167851TB	BM050144.D	08 May 2025 13:18	RC/JU	Ok
7	Q1964-01	BM050145.D	08 May 2025 14:02	RC/JU	Ok
8	Q1964-01MS	BM050146.D	08 May 2025 14:42	RC/JU	Ok
9	Q1964-01MSD	BM050147.D	08 May 2025 15:21	RC/JU	Ok,M
10	Q1966-02	BM050148.D	08 May 2025 16:00	RC/JU	Ok
11	Q1968-01	BM050149.D	08 May 2025 16:39	RC/JU	Ok
12	Q1972-13	BM050150.D	08 May 2025 17:19	RC/JU	Ok
13	Q1978-01	BM050151.D	08 May 2025 17:58	RC/JU	Ok
14	Q1976-01	BM050152.D	08 May 2025 18:37	RC/JU	Ok
15	Q1972-21	BM050153.D	08 May 2025 19:17	RC/JU	Ok,M
16	Q1968-05	BM050154.D	08 May 2025 19:56	RC/JU	Ok,M
17	Q1969-01	BM050155.D	08 May 2025 20:35	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM
SubDirectory	BM042825	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-7 7 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM
SubDirectory	BM050725	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/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	BM050128.D	07 May 2025 09:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050129.D	07 May 2025 09:56		RC/JU	Ok
3	PB167879BL	PB167879BL	BM050130.D	07 May 2025 10:35		RC/JU	Ok
4	PB167879BS	PB167879BS	BM050131.D	07 May 2025 11:14		RC/JU	Ok,M
5	Q1952-01DL	CLEAN-FILLDL	BM050132.D	07 May 2025 12:33		RC/JU	Ok,M
6	Q1938-01	LOWER-WALL-PILE-A	BM050133.D	07 May 2025 13:12		RC/JU	Ok
7	Q1945-01	GB1W	BM050134.D	07 May 2025 14:26	Need 5X dilution	RC/JU	Dilution
8	Q1945-02	GB3W	BM050135.D	07 May 2025 15:05	Need 5X dilution	RC/JU	Dilution
9	Q1956-07	FB-05022025	BM050136.D	07 May 2025 15:44		RC/JU	Ok
10	Q1945-01DL	GB1WDL	BM050137.D	07 May 2025 16:24		RC/JU	Ok,M
11	Q1945-02DL	GB3WDL	BM050138.D	07 May 2025 17:03		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM050825

Review By	Rahul	Review On	5/9/2025 9:43:48 AM
Supervise By	Jagrut	Supervise On	5/9/2025 3:41:05 PM
SubDirectory	BM050825	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/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	BM050139.D	08 May 2025 09:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050140.D	08 May 2025 10:41		RC/JU	Ok
3	PB167889BL	PB167889BL	BM050141.D	08 May 2025 11:21		RC/JU	Ok
4	PB167889BS	PB167889BS	BM050142.D	08 May 2025 12:00		RC/JU	Ok
5	PB167889BSD	PB167889BSD	BM050143.D	08 May 2025 12:39		RC/JU	Ok,M
6	PB167851TB	PB167851TB	BM050144.D	08 May 2025 13:18		RC/JU	Ok
7	Q1964-01	MH-LL	BM050145.D	08 May 2025 14:02		RC/JU	Ok
8	Q1964-01MS	MH-LLMS	BM050146.D	08 May 2025 14:42		RC/JU	Ok
9	Q1964-01MSD	MH-LLMSD	BM050147.D	08 May 2025 15:21		RC/JU	Ok,M
10	Q1966-02	CONCRETE-2	BM050148.D	08 May 2025 16:00		RC/JU	Ok
11	Q1968-01	MH-N	BM050149.D	08 May 2025 16:39		RC/JU	Ok
12	Q1972-13	WC-B-7	BM050150.D	08 May 2025 17:19		RC/JU	Ok
13	Q1978-01	72-12016	BM050151.D	08 May 2025 17:58		RC/JU	Ok
14	Q1976-01	VNJ-207	BM050152.D	08 May 2025 18:37		RC/JU	Ok
15	Q1972-21	WC-B-1	BM050153.D	08 May 2025 19:17		RC/JU	Ok,M
16	Q1968-05	MH-M	BM050154.D	08 May 2025 19:56		RC/JU	Ok,M
17	Q1969-01	TR-06-05072025	BM050155.D	08 May 2025 20:35		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix: Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date: 05/07/2025

Extraction Start Time: 08:53

Extraction End Date: 05/07/2025

Extraction End Time: 13:50

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2607
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/7/25	RJ (Ext Lab)	Rolsvoc
13:55	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167889BL	SBLK889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-7
PB167889BS	SLCS889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			8
PB167889BS D	SLCSD889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			9
Q1945-01	GB1W	SVOCMS Group1	960	6	RUPESH	ritesh	1	D		10
Q1945-02	GB3W	SVOCMS Group1	840	6	RUPESH	ritesh	1	D		11
Q1956-07	FB-05022025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	I		12

RS
5/7

1938812

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1945 WorkList ID : 189359 Department : Extraction Date : 05-07-2025 08:49:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1945-01	GB1W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1945-02	GB3W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1956-07	FB-05022025	Water	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E

Date/Time 5/7/25 8:50
Raw Sample Received by: RS (Ext-66)
Raw Sample Relinquished by: QJ SM

Date/Time 5/7/25 9:20
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext-66)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Environment
ADDRESS: 8 Carriage
CITY: Gloucester STATE: NJ ZIP: 08016
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amsterdam
PROJECT NO.: LOCATION:
PROJECT MANAGER: BL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Geep Inc PO#:
ADDRESS: 8 Carriage
CITY: Gloucester STATE: NJ ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5/2/25 DAYS*
HARDCOPY (DATA PACKAGE) 5/2/25 DAYS*
EDD: 5/2/25 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☒ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASPA ☐ NYS ASPB
+ Raw Data) ☐ Other Excel
☒ EDD FORMAT NYS DEP

TEL: 908-789-8900
BNHIS + Amine
tail metals

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	GB1W	GW	X	X	5/2/25	0910	5	X	X	X							pH 1-3
2.	GB3W	GW	X	X	5/2/25	0930	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>MA</u>	DATE/TIME: <u>5/2/25 1000</u>	RECEIVED BY: <u>al</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.3</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments: <u>BNHIS + Amine</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY:	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1945	GENV01	Order Date : 5/2/2025 11:14:00 AM	Project Mgr :
Client Name : G Environmental		Project Name : Amsterdam	Report Type : Level 1 NJ Reduced
Client Contact : Gary Landis		Receive DateTime : 5/2/2025 10:00:00 AM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1945-01	GB1W	Water	05/02/2025	09:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q1945-02	GB3W	Water	05/02/2025	09:30					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By :

Date / Time :


5/2/25 1210

Received By :

Date / Time :


5/2/25 1210

Storage Area : VOA Refridgerator Room